



Appendix G Traffic Impact Analysis

YORBA LINDA HOUSING ELEMENT & GENERAL PLAN UPDATE

TRAFFIC ANALYSIS

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LIST OF ABBREVIATED TERMS

(1)	Reference
ADT	Average Daily Traffic
CAMUTCD	California Manual on Uniform Traffic Control Devices
Caltrans	California Department of Transportation
CMP	Congestion Management Program
E+P	Existing Plus Project
HCM	Highway Capacity Manual
ITE	Institute of Transportation Engineers
LOS	Level of Service
NCHRP	National Cooperative Highway Research Program
PHF	Peak Hour Factor
Project	Yorba Linda Housing Element & General Plan Update
SCAG	Southern California Association of Governments
sf	Square Feet
TA	Traffic Analysis
TIF	Traffic Impact Fee
v/c	Volume to Capacity
vphgpl	Vehicles per Hour Green per Lane
WP	With Project

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1 EXECUTIVE SUMMARY

1.1 INTRODUCTION

The Yorba Linda 2021 – 2029 Final Housing Element traffic analysis (TA) will analyze and identify potential traffic-related deficiencies resulting from the rezoning and revised General Plan land use development assumptions necessary to address the City of Yorba Linda's regional housing needs assessment (RHNA) allocation. The Housing Element proposes a rezoning program of 27 vacant or underutilized sites for multifamily residential use at densities of 10 to 35 units to the acre. The Yorba Linda 2021 – 2029 Final Housing Element will revise the General Plan land use and development intensities for the 27 sites to accommodate approximately 2,100 additional dwelling units for a total of 2,410 dwelling units (including the existing zoning).

The traffic analysis will evaluate the proposed development intensities expected for the 27 sites and assess the potential traffic deficiencies that result from the implementation of the rezoning and changes to land use. Exhibit 1-1 identifies the locations of each of the Housing Element sites summarized on Table 1-1. The City approved Project Traffic Study Scoping agreement is provided in Appendix 1.1 of this TA.

1.2 PROJECT RELATED TRAFFIC DEFICENCIES AND IMPROVEMENTS

Based on either Highway Capacity Manual (HCM) 6th Edition or Intersection Capacity Utilization (ICU) methodologies established by the Cities of Yorba Linda, Placentia and Anaheim, the following intersections are anticipated to operate at a deficient level of service (LOS) during one or both peak hours:

- Rose Drive & Imperial Highway (#1)
- Prospect Avenue & Imperial Highway (#2)
- Imperial Highway & Yorba Linda Boulevard (#5)
- Lakeview Avenue & Buena Vista Avenue (#6)
- Kellogg Drive & Imperial Highway EB Ramps (#7)
- Weir Canyon Road/Yorba Linda Boulevard & Savi Ranch Parkway (#16)

Improvements have been recommended at the study area intersections which are anticipated to operate at a deficient LOS. Improvements identified are the minimum needed to achieve acceptable peak hour operations.

EXHIBIT 1-1: HOUSING ELEMENT SITE LOCATION MAP

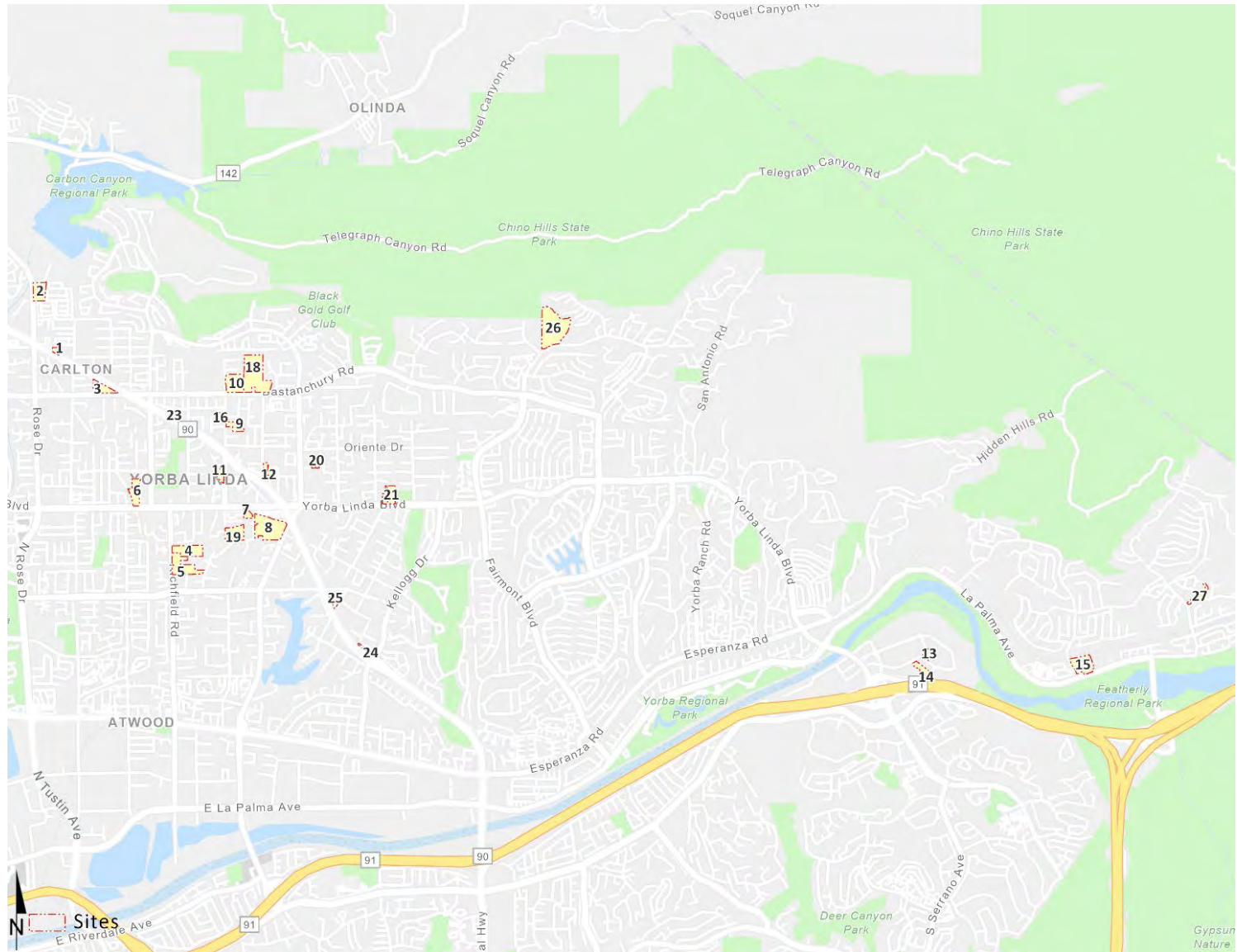


TABLE 1-1: SUMMARY OF HOUSING ELEMENT UNITS PER SITE

#	HE Site ID	Site	Current Zoning	Proposed Zoning	Acres	Total Net Unit Potential
1	S1-021	W. of 16951 Imperial Highway	CG	Commercial Mixed Use Overlay	1.76	62
2	S1-200	SEC Rose Dr. & Blake Rd.	RE	RM-20 w/ Affordable Overlay	5.94	208
3	S2-008	17151 Bastanchury Rd.	RE	Congregational Land Overlay	4.92	60
4	S3-012	5320 Richfield Rd.	RU	Congregational Land Overlay	9.48	55
5	S3-207	5300-5392 Richfield Rd.	RU	RM-20 w/ Affordable Overlay	9.7	340
6	S2-013	4861 Liverpool St.	RU	Congregational Land Overlay	6.2	40
7	S3-074	18132 Yorba Linda Bl.	CG	RM-20 w/ Affordable Overlay	0.42	15
8	S3-024	Friends Church Overflow Parking	RE	Congregational Land Overlay	17.45	48
9	S3-033	4382 Eureka Av.	RS	Congregational Land Overlay	3.88	30
10	S3-210	18111 Bastanchury Rd.	PD-26	Congregational Land Overlay	9.23	105
11	S3-082	4791 & 4811 Eureka Av.	CG	RM-20 w/ Affordable Overlay	1.75	61
12	S4-075	4742 Plumosa Dr.	CG	RM-20 w/ Affordable Overlay	1.62	57
13	S6-015	22722 Old Canal Rd.	PD	Affordable Housing Overlay	2.56	89
14	S6-020	22711 Oak Crest Circle	PD	RM-20 w/ Affordable Housing Overlay	10.35	143
15	S7-001	Bryant Ranch Shopping Center	CG	Commercial Mixed Use Overlay	9.15	320
16	S3-034	4341 Eureka Av.	RS	RM	2.19	22
18	S3-203	18101-18251 Bastanchury Rd.	PD	PD	22.83	228
19	S3-205A	5225 & 5227 Highland Av.	RE	RM	7.08	71
20	S4-200	18597-18602 Altrudy Ln.	RS	RM-20	2	40
21	S4-204A	19045 Yorba Linda Bl.	RE	Congregational Land Overlay	1.85	17
	S4-204B	19081-19111 Yorba Linda Bl.	RE	RM-20	3.9	78
23	S3-211	17651 Imperial Highway	RS	RM	2.32	23
24	S4-053	SWC of Kellogg Dr. & Grandview Av.	RE	RM	0.98	10
25	S4-060	5541 S. Ohio St.	RE	RM	0.96	10
	S4-201	5531 S. Ohio St.	RE	RM	1.82	18
26	S5-008	Fairmont Bl.	PD	RM	23.01	230
27	S7-005	NEC of Camino del Bryant & Meadowland	RU	RM	3.06	30
TOTAL					166.41	2,410

1.3 PROPOSED SITE ACCESS AND CIRCULATION RECOMMENDATIONS

Given the number of Housing Element sites and lack of detailed site plans available, a detailed review of site access was not evaluated as part of this analysis. However, it is anticipated that implementing projects on each of the Housing Element sites will need to conduct focused traffic analyses that meet the City's standards which will provide a review of potential intersection operational deficiencies in conjunction with a detailed review of site access.

1.4 ANALYSIS SCENARIOS

For the purposes of this traffic analysis, potential deficiencies to traffic and circulation have been assessed for each of the following conditions:

- Existing (2022) Conditions
- Horizon Year (2045) Without Project Conditions
- Horizon Year (2045) With Project Conditions

All study area intersections will be evaluated using either ICU or HCM methodologies, depending on the types of intersections and its jurisdiction (for a detailed discussion see Section 3.2 *Intersection Capacity Analysis*).

1.4.1 EXISTING (2022) CONDITIONS

Information for Existing (2022) conditions is disclosed to represent the baseline traffic conditions as they existed at the time this report was prepared. For a detailed discussion on the existing traffic counts, see Section 4.5 *Existing (2022) Traffic Counts*.

1.4.2 HORIZON YEAR (2045) CONDITIONS

Traffic projections for Horizon Year (2045) conditions were derived from the Orange County Transportation Analysis Model (OCTAM) using accepted procedures for model forecast refinement and smoothing. The Horizon Year conditions analysis will be utilized to determine if improvements funded through regional transportation mitigation fee programs can accommodate the long-range cumulative traffic at the target LOS identified in the City of Yorba Linda (lead agency) General Plan. Each of the applicable transportation fee programs are discussed in more detail in Section 6 *Local and Regional Funding Mechanisms*.

1.5 STUDY AREA

To ensure that this TA satisfies the City of Yorba Linda's traffic study requirements, Urban Crossroads, Inc. prepared a Project traffic study scoping package for review by City of Yorba Linda staff prior to the preparation of this report. This agreement provides an outline of the Project study area and analysis methodology. The agreement approved by the City is included in Appendix 1.1 of this TA. The 19 study area intersections shown on Exhibit 1-2 and listed in Table 1-2 were selected for evaluation in this TA based on consultation with City of Yorba Linda staff.

EXHIBIT 1-2: STUDY AREA

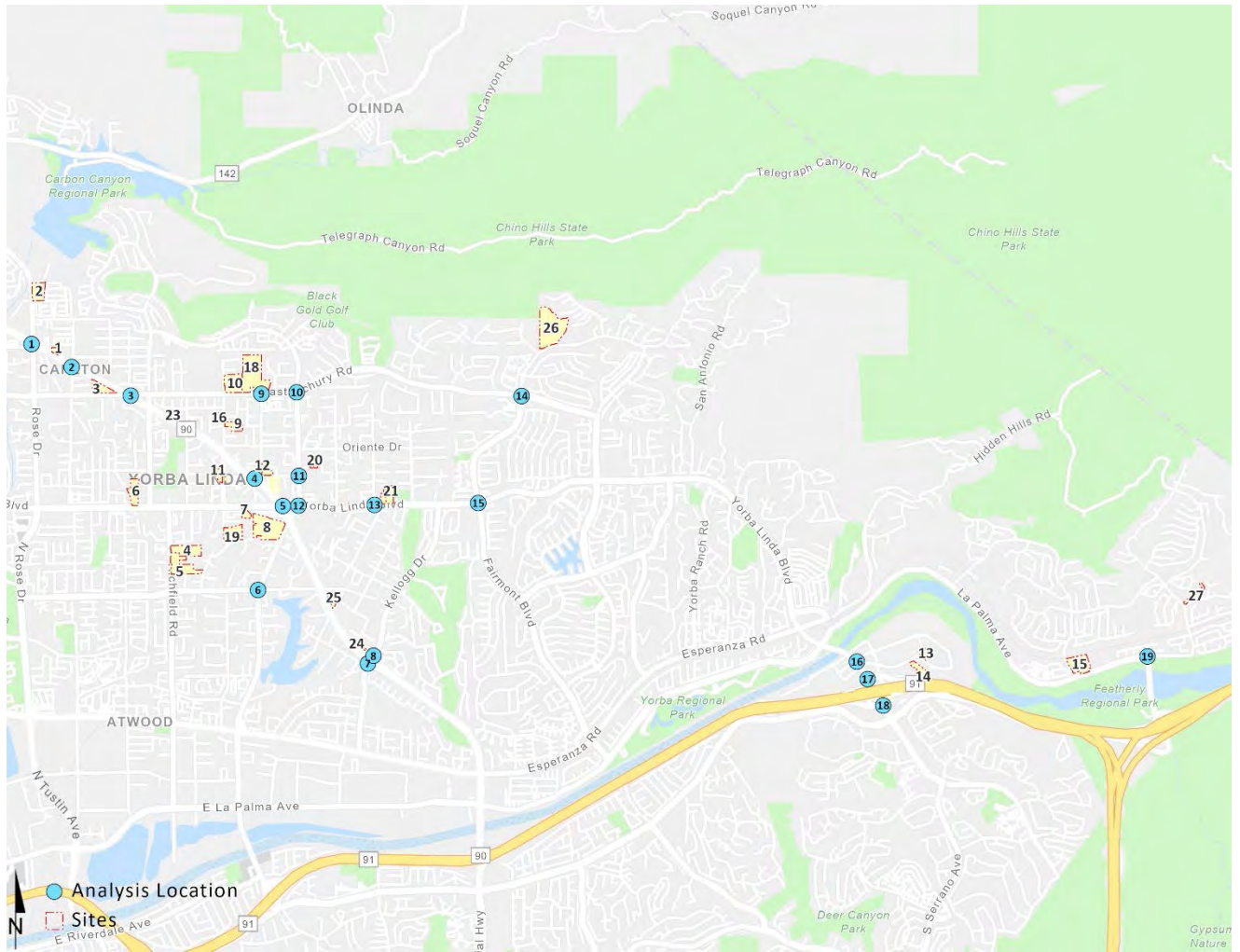


TABLE 1-2: INTERSECTION ANALYSIS LOCATIONS

#	Intersections	Jurisdiction
1	Rose Dr. & Imperial Highway	Placentia
2	Prospect Av. & Imperial Highway	Placentia/CalTrans
3	Imperial Highway & Bastanchury Rd.	Yorba Linda
4	Imperial Highway & Lemon Dr.	Yorba Linda
5	Imperial Highway & Yorba Linda Bl.	Yorba Linda
6	Lakeview Av. & Buena Vista Av.	Yorba Linda
7	Imperial Highway EB Ramps & Kellogg Dr.	Anaheim
8	Imperial Highway NB Ramps & Kellogg Dr.	Yorba Linda/CalTrans
9	Plumosa Dr. & Bastanchury Rd.	Yorba Linda
10	Lakeview Av. & Bastanchury Rd.	Yorba Linda
11	Lakeview Av. & Lemon Dr.	Yorba Linda
12	Lakeview Av. & Yorba Linda Bl.	Yorba Linda
13	Ohio St. & Yorba Linda Bl.	Yorba Linda
14	Fairmont Bl. & Bastanchury Rd.	Yorba Linda
15	Fairmont Bl. & Yorba Linda Bl.	Yorba Linda
16	Weir Canyon Road/Yorba Linda Bl. & Savi Ranch Pkwy.	Yorba Linda
17	Yorba Linda Bl. & SR-91 WB Ramps	Anaheim/CalTrans
18	Yorba Linda Bl. & SR-91 EB Ramps	Yorba Linda/CalTrans
19	Gypsum Canyon Rd. & La Palma Av.	Yorba Linda

1.6 DEFICIENCIES

This section provides a summary of deficiencies by analysis scenario. Section 3 *Methodologies* provides information on the methodologies used in the analysis and Section 5 *Horizon Year (2045) Traffic Conditions* includes the detailed analysis. A summary of LOS results for all analysis scenarios is presented on Table 1-3.

1.6.1 EXISTING (2022) CONDITIONS

The following study area intersections are currently operating at an unacceptable LOS during the weekday AM and PM peak hours under Existing traffic conditions:

- Lakeview Avenue & Buena Vista Avenue (#6) – LOS F AM and LOS E PM peak hours
- Kellogg Drive & Imperial Highway EB Ramps (#7) – LOS F AM and PM peak hours

1.6.2 HORIZON YEAR (2045) CONDITIONS

The following study area intersections are anticipated to operate at an unacceptable LOS under Horizon Year (2045) Without Project traffic conditions:

- Rose Drive & Imperial Highway (#1) – LOS E PM peak hour only
- Prospect Avenue & Imperial Highway (#2) – LOS E AM peak hour only
- Lakeview Avenue & Buena Vista Avenue (#6) – LOS F AM PM peak hours
- Kellogg Drive & Imperial Highway EB Ramps (#7) – LOS F AM and PM peak hours
- Weir Canyon Road/Yorba Lind Boulevard & Savi Ranch Parkway (#16) – LOS F PM peak hour only

The following additional intersection is anticipated to operate at an unacceptable LOS with the addition of Project traffic in addition to those listed above for Horizon Year (2045) Without Project traffic conditions:

- Imperial Highway & Yorba Linda Boulevard (#5) – LOS E PM peak hour only

TABLE 1-3: SUMMARY OF LOS

#	Intersection	Existing (2022)		2045 Without Project		2045 With Project	
		AM	PM	AM	PM	AM	PM
1	Rose Dr. & Imperial Highway	●	●	●	●	●	●
2	Prospect Av. & Imperial Highway	●	●	●	●	●	●
3	Imperial Highway & Bastanchury Rd.	●	●	●	●	●	●
4	Imperial Highway & Lemon Dr.	●	●	●	●	●	●
5	Imperial Highway & Yorba Linda Bl.	●	●	●	●	●	●
6	Lakeview Av. & Buena Vista Av.	●	●	●	●	●	●
7	Kellogg Dr. & Imperial Highway EB Ramps	●	●	●	●	●	●
8	Kellogg Dr. & Imperial Highway WB Ramps	●	●	●	●	●	●
9	Plumosa Dr. & Bastanchury Rd.	●	●	●	●	●	●
10	Lakeview Av. & Bastanchury Rd.	●	●	●	●	●	●
11	Lakeview Av. & Lemon Dr.	●	●	●	●	●	●
12	Lakeview Av. & Yorba Linda Bl.	●	●	●	●	●	●
13	Ohio St. & Yorba Linda Bl.	●	●	●	●	●	●
14	Fairmont Bl. & Bastanchury Rd.	●	●	●	●	●	●
15	Fairmont Bl. & Yorba Linda Bl.	●	●	●	●	●	●
16	Weir Canyon Rd. & Savi Ranch Pkwy.	●	●	●	●	●	●
17	Weir Canyon Rd. & SR-91 WB Ramps	●	●	●	●	●	●
18	Weir Canyon Rd. & SR-91 EB Ramps	●	●	●	●	●	●
19	Gypsum Canyon Rd. & La Palma Av.	●	●	●	●	●	●

● LOS=A-D
● LOS=E
● LOS=F

1.7 RECOMMENDATIONS

The improvements needed to address the cumulative deficiencies identified under Horizon Year (2045) With Project traffic conditions are summarized in Table 1-4. For those improvements listed in Table 1-4 not constructed as part of the Project, the Project's contributions towards deficient intersections are fulfilled through payment of fair share and/or fees for the applicable pre-existing fee programs (see Section 6 *Local and Regional Funding Mechanisms*). Although Table 1-4 provides the project's fair share percentage towards each mitigation measure, the cost and scope of the improvements will be developed in conjunction with the Traffic Impact Fee (TIF) Update.

TABLE 1-4: SUMMARY OF IMPROVEMENTS

#	Intersection Location	Jurisdiction	Horizon Year (2045) With Project	Improvements in TIF? ¹	Project Responsibility ²	Fair Share % ³
1	Rose Dr. & Imperial Highway	Placentia	- Modify the TS to implement split phasings on NB/SB	No	Fair Share	23.8%
5	Imperial Highway & Yorba Linda Bl.	Yorba Linda	- Modify the TS to implement split phasings on EB/WB	No	Fair Share	11.3%
6	Lakeview Av. & Buena Vista Av.	Yorba Linda	Install a traffic signal	Yes	None	34.1%
7	Kellogg Dr. & Imperial Highway EB	Anaheim	Install a traffic signal	No	Fair Share	82.3%
16	Weir Canyon Rd. & Savi Ranch Pkwy.	Yorba Linda	- Add a 3rd WB left turn lane - Modify the TS to implement overlap phasing on WB right turn	No No	None (CIP) Fair Share	25.5%

¹ Improvements included in City's Traffic Impact Fee (TIF) fee programs.

² Identifies the Project's responsibility to construct an improvement or contribute fair share towards the implementation of the improvements shown.

³ Program improvements constructed by project may be eligible for fee credit, at discretion of the City. See Table 6-2 for Fair Share Calculations.

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2 INTRODUCTION

2.1 PROJECT OBJECTIVES

The Yorba Linda 2021 – 2029 Final Housing Element has been prepared by the City in compliance with the update cycle of jurisdictions within the Southern California Association of Governments (SCAG) region to address the legal mandate that requires each local government to adequately plan to meet the existing and projected housing needs of all economic segments of the local community. The overarching goals of the Yorba Linda 2021-2029 Final Housing Element includes:

1. Goal 1 (Conserve and Improve Existing Housing): Maintain and enhance the quality and affordability of existing housing and residential neighborhoods. This Goal includes policies that focus on housing design principals, property and housing conditions, multifamily housing acquisition and improvement, rental assistance, protection of existing affordable housing, and tenant protections.
2. Goal 2 (Provision of Affordable Housing): Assist in development and provision of affordable housing. The policies under this goal focus on housing diversity, affordable housing incentives, financial resources, public/private partnerships, homeownership assistance, housing sustainability, and affordable housing education and support.
3. Goal 3 (Adequate Housing Sites): Provide adequate housing sites to accommodate regional housing needs and achieve a variety and diversity of housing. This Goal includes policies that focus on offering a variety of housing choices, mixed use, repurposing obsolete commercial, affordable housing overlay, housing on land owned by religious institutions, town center, accessory dwelling units, and future annexations.
4. Goal 4 (Remove Governmental Constraints): Reduce governmental constraints to housing production and improvement while maintaining community character. The policies under this goal focus on providing flexible development standards, objective standards, regulatory incentives for affordable housing, and efficient development processing.
5. Goal 5 (Equal Housing Opportunities and Special Needs): Promote equal housing opportunities for all residential, including Yorba Linda's special needs populations. This Goal includes policies that focus on fair housing, housing for persons with disabilities, housing for persons with development disabilities, housing options for seniors, and homeless housing and services.

This traffic analysis (TA) will analyze and identify potential traffic-related deficiencies resulting from the rezoning and revised General Plan land use development assumptions necessary to address the City of Yorba Linda's regional housing needs assessment (RHNA) allocation. The Housing Element proposes a rezoning program of 27 vacant or underutilized sites for multifamily residential use at densities of 10 to 35 units to the acre. The Yorba Linda 2021 – 2029 Final Housing Element will revise the General Plan land use and development intensities for the 27 sites to accommodate approximately 2,100 additional dwelling units for a total of 2,410 dwelling units (including the existing zoning) as shown in Table 2-1.

The Without Project scenario represents the currently adopted land use intensities based on the City of Yorba Linda's 2016 General Plan Update (last comprehensive update in 2016 and reflected in the Orange County Transportation Analysis Model). The With Project scenario reflects buildout of the proposed Final Housing Element (i.e., rezoning of the 27 vacant or underutilized sites to multifamily residential use). Exhibit 2-1 illustrates the locations of the Yorba Linda Housing Element sites from a regional perspective. Exhibit 2-2 illustrates the detailed locations of the 27 housing sites which are proposed to be rezoned.

2.2 ANALYSIS OVERVIEW

The study area for this TA is comprised of the roadways and intersections in the immediate Project area and includes those locations that could potentially be affected by Project traffic (e.g., located in close proximity to one or more of the rezone sites). The specific intersections identified for analysis includes all facilities where peak hour intersection volume-to-capacity (v/c) ratios could increase by more than one percent as a result of the Project. This is the deficiency threshold designated by the City of Yorba Linda for use in traffic studies.

The TA evaluates existing and long-range traffic conditions for the following scenarios:

- Existing (2022) Conditions – Existing volumes obtained from recent traffic counts (2022) and existing traffic controls and lane configurations
- Horizon Year (2045) Without Project – Traffic volumes and transportation system representing the area-wide growth anticipated between 2016 and 2045 based on currently adopted City of Yorba Linda General Plan land use assumptions plus reasonably foreseeable development projects as provided by the City of Yorba Linda.
- Horizon Year (2045) With Project – 2045 conditions with the Final Housing Element land use assumptions.

TABLE 2-1: SITES FOR POTENTIAL REZONING TO MULTIFAMILY

#	HE Site ID	Site	Current Zoning	Proposed Zoning	Acres	Total Net Unit Potential
1	S1-021	W. of 16951 Imperial Highway	CG	Commercial Mixed Use Overlay	1.76	62
2	S1-200	SEC Rose Dr. & Blake Rd.	RE	RM-20 w/ Affordable Overlay	5.94	208
3	S2-008	17151 Bastanchury Rd.	RE	Congregational Land Overlay	4.92	60
4	S3-012	5320 Richfield Rd.	RU	Congregational Land Overlay	9.48	55
5	S3-207	5300-5392 Richfield Rd.	RU	RM-20 w/ Affordable Overlay	9.7	340
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8	S3-024	Friends Church Overflow Parking	RE	Congregational Land Overlay	17.45	48
9	S3-033	4382 Eureka Av.	RS	Congregational Land Overlay	3.88	30
10	S3-210	18111 Bastanchury Rd.	PD-26	Congregational Land Overlay	9.23	105
11	S3-082	4791 & 4811 Eureka Av.	CG	RM-20 w/ Affordable Overlay	1.75	61
12	S4-075	4742 Plumosa Dr.	CG	RM-20 w/ Affordable Overlay	1.62	57
13	S6-015	22722 Old Canal Rd.	PD	Affordable Housing Overlay	2.56	89
14	S6-020	22711 Oak Crest Circle	PD	RM-20 w/ Affordable Housing Overlay	10.35	143
15	S7-001	Bryant Ranch Shopping Center	CG	Commercial Mixed Use Overlay	9.15	320
16	S3-034	4341 Eureka Av.	RS	RM	2.19	22
18	S3-203	18101-18251 Bastanchury Rd.	PD	PD	22.83	228
19	S3-205A	5225 & 5227 Highland Av.	RE	RM	7.08	71
20	S4-200	18597-18602 Altrudy Ln.	RS	RM-20	2	40
21	S4-204A	19045 Yorba Linda Bl.	RE	Congregational Land Overlay	1.85	17
	S4-204B	19081-19111 Yorba Linda Bl.	RE	RM-20	3.9	78
23	S3-211	17651 Imperial Highway	RS	RM	2.32	23
24	S4-053	SWC of Kellogg Dr. & Grandview Av.	RE	RM	0.98	10
25	S4-060	5541 S. Ohio St.	RE	RM	0.96	10
	S4-201	5531 S. Ohio St.	RE	RM	1.82	18
26	S5-008	Fairmont Bl.	PD	RM	23.01	230
27	S7-005	NEC of Camino del Bryant & Meadowland	RU	RM	3.06	30
TOTAL					166.41	2,410

EXHIBIT 2-1: POTENTIAL MULTIFAMILY SITES LOCATION MAP

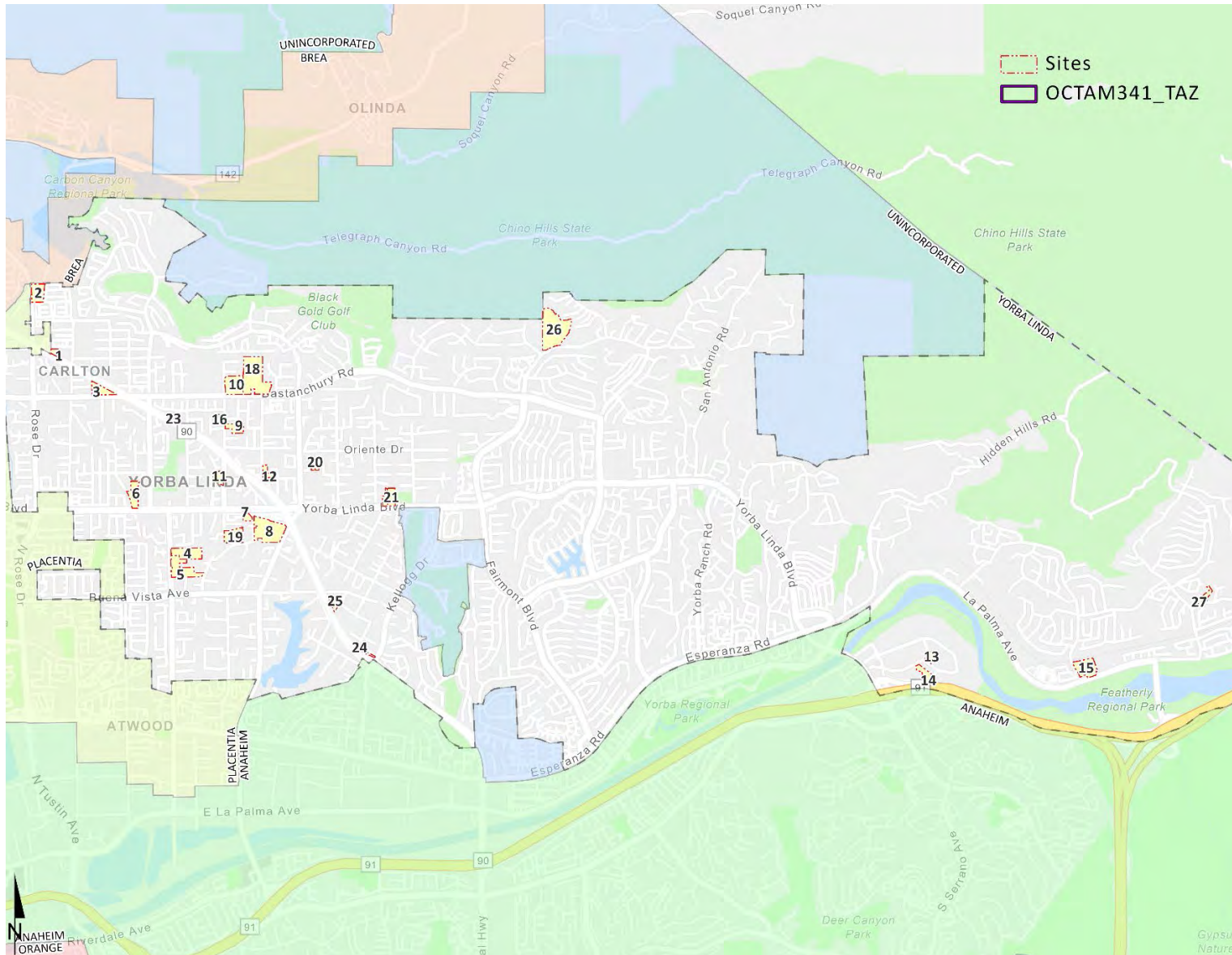


EXHIBIT 2-2: DETAILED POTENTIAL MULTIFAMILY HOUSING SITES



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3 METHODOLOGIES

This section of the report presents the methodologies used to perform the traffic analyses summarized in this report. The methodologies described are consistent with City of Yorba Linda's Traffic Study Guidelines.

3.1 LEVEL OF SERVICE

Traffic operations of roadway facilities are described using the term "Level of Service" (LOS). LOS is a qualitative description of traffic flow based on several factors, such as speed, travel time, delay, and freedom to maneuver. Six levels are typically defined ranging from LOS A, representing completely free-flow conditions, to LOS F, representing breakdown in flow resulting in stop-and-go conditions. LOS E represents operations at or near capacity, an unstable level where vehicles are operating with the minimum spacing for maintaining uniform flow.

3.2 INTERSECTION CAPACITY ANALYSIS

The definitions of LOS for interrupted traffic flow (flow restrained by the existence of traffic signals and other traffic control devices) differ slightly depending on the type of traffic control. The LOS is typically dependent on the quality of traffic flow at the intersections along a roadway. LOS analysis was conducted to determine existing traffic conditions using the Intersection Capacity Utilization (ICU) methodology for signalized study intersections. (1) The Highway Capacity Manual (HCM) (6th Edition) methodology was used to determine LOS's for unsignalized intersections and Caltrans' facility. The HCM methodology expresses the LOS at an intersection in terms of average control delay time for the various intersection approaches. (2) The HCM uses different procedures depending on the type of intersection control.

3.2.1 SIGNALIZED INTERSECTIONS

The City of Yorba Linda requires study area intersections to be evaluated through intersection capacity utilization (ICU) analysis which compares forecasts peak hour traffic volumes to intersection capacity. The traffic modeling software package Traffix (Version 8) has been utilized to analyze signalized intersections in ICU. Lane capacities of 1,700 vehicles per hour of green time have been assumed for the ICU calculations, with 0.10 lost time factor (clearance) and inherent vehicle delay between cycles with an assumed signal cycle of 100 seconds. The City of Brea, City of Placentia and City of Anaheim ICU analysis is consistent with the City of Yorba Linda analysis as are the thresholds; therefore, the same assumptions were applied for intersections in all jurisdictions. Table 3-1 presents the ICU level of service thresholds utilized for this traffic study. A project is deemed to have an adverse effect on an intersection if the project results in deterioration of the LOS to an unacceptable LOS or an increase in the ICU value of 0.01 if the intersection currently operates at LOS E or F under without project conditions. LOS designation as described on Table 3-1.

TABLE 3-1: SIGNALIZED INTERSECTION LOS THRESHOLDS WITH ICU

Level of Services	ICU
A	<0.60
B	0.61 - 0.70
C	0.71 - 0.80
D	0.81 - 0.90
E	0.91 - 1.00
F	> 1.00

Source: City of Yorba Linda, City of Brea, City of Placentia and City of Anaheim

Analysis of Caltrans operated facilities (i.e., Kellogg Drive at Imperial Highway and Weir Canyon Road at the SR-91 Freeway) was conducted in Synchro (Version 11) through the application of the Highway Capacity Manual (HCM) 6th Edition methodology for signalized intersections. Lane configurations and various other parameters such as signal timing was based on current operating characteristics as obtained from field review and signal timing worksheets provided by District 12 staff. Future lane configurations were assumed the same as existing conditions for the 2045 No Project and 2045 With Project scenarios. Table 3-2 presents the signalized intersection delay and LOS standards throughout the study area.

Synchro is a macroscopic traffic software program that is based on the signalized intersection capacity analysis as specified in the HCM. Macroscopic level models represent traffic in terms of aggregate measures for each movement at the study intersections. Equations are used to determine measures of effectiveness such as delay and queue length. The level of service and capacity analysis performed by Synchro takes into consideration optimization and coordination of signalized intersections within a network.

The peak hour traffic volumes have been adjusted using a peak hour factor (PHF) to reflect peak 15-minute volumes. Customary practice for LOS analysis is to use a peak 15-minute rate of flow. However, flow rates are typically expressed in vehicles per hour. The PHF is the relationship between the peak 15-minute flow rate and the full hourly volume (e.g., $PHF = \frac{[Hourly Volume]}{[4 \times Peak\ 15\text{-minute\ Flow\ Rate}]}$). The use of a 15-minute PHF produces a more detailed analysis as compared to analyzing vehicles per hour. Existing PHFs have been used for all analysis scenarios. Per the HCM, PHF values over 0.95 often are indicative of high traffic volumes with capacity constraints on peak hour flows while lower PHF values are indicative of greater variability of flow during the peak hour. (2)

TABLE 3-2: SIGNALIZED INTERSECTION LOS THRESHOLDS WITH HCM

Description	Average Control Delay (Seconds), $V/C \leq 1.0$	Level of Service, $V/C \leq 1.0^1$
Operations with very low delay occurring with favorable progression and/or short cycle length.	0 to 10.00	A
Operations with low delay occurring with good progression and/or short cycle lengths.	10.01 to 20.00	B
Operations with average delays resulting from fair progression and/or longer cycle lengths. Individual cycle failures begin to appear.	20.01 to 35.00	C
Operations with longer delays due to a combination of unfavorable progression, long cycle lengths, or high V/C ratios. Many vehicles stop and individual cycle failures are noticeable.	35.01 to 55.00	D
Operations with high delay values indicating poor progression, long cycle lengths, and high V/C ratios. Individual cycle failures are frequent occurrences. This is considered to be the limit of acceptable delay.	55.01 to 80.00	E
Operation with delays unacceptable to most drivers occurring due to over saturation, poor progression, or very long cycle lengths.	80.01 and up	F

Source: HCM, 6th Edition

¹ If V/C is greater than 1.0 then LOS is F per HCM.

3.2.2 UNSIGNALIZED INTERSECTIONS

The City of Yorba Linda requires the operations of unsignalized intersections be evaluated using the methodology described in the HCM. (2) The LOS rating is based on the weighted average control delay expressed in seconds per vehicle (see Table 3-3). At two-way or side-street stop-controlled intersections, LOS is calculated for each controlled movement and for the left turn movement from the major street, as well as for the intersection as a whole. For approaches composed of a single lane, the delay is computed as the average of all movements in that lane. Delay for the intersection is reported for the worst individual movement at a two-way stop-controlled intersection. For all-way stop controlled intersections, LOS is computed for the intersection as a whole (average delay).

TABLE 3-3: UNSIGNALIZED INTERSECTION LOS THRESHOLDS

Description	Average Control Delay (Seconds), V/C ≤ 1.0	Level of Service, V/C ≤ 1.0 ¹
Little or no delays.	0 to 10.00	A
Short traffic delays.	10.01 to 15.00	B
Average traffic delays.	15.01 to 25.00	C
Long traffic delays.	25.01 to 35.00	D
Very long traffic delays.	35.01 to 50.00	E
Extreme traffic delays with intersection capacity exceeded.	> 50.00	F

Source: HCM, 6th Edition

¹ If V/C is greater than 1.0 then LOS is F per HCM.

3.3 TRAFFIC SIGNAL WARRANT ANALYSIS METHODOLOGY

The term "signal warrants" refers to the list of established criteria used by Caltrans and other public agencies to quantitatively justify or determine the potential need for installation of a traffic signal at an otherwise unsignalized intersection. This TA uses the signal warrant criteria presented in the latest edition of the Caltrans California Manual on Uniform Traffic Control Devices (CA MUTCD). (3)

The signal warrant criteria for Existing study area intersections are based upon several factors, including volume of vehicular and pedestrian traffic, frequency of accidents, and location of school areas. The CA MUTCD indicates that the installation of a traffic signal should be considered if one or more of the signal warrants are met. (3) Specifically, this TA utilizes the Peak Hour Volume-based Warrant 3 as the appropriate representative traffic signal warrant analysis for existing traffic conditions and for all future analysis scenarios for existing unsignalized intersections. Warrant 3 is appropriate to use for this TA because it provides specialized warrant criteria for intersections with rural characteristics. For the purposes of this study, the speed limit was the basis for determining whether Urban or Rural warrants were used for a given intersection. Rural warrants have been used as posted speed limits on the major roadways with unsignalized intersections are 40 miles per hour or greater while the urban warrants have been used for locations where the major roadway has speeds less than 40 miles per hour.

Future intersections that do not currently exist have been assessed regarding the potential need for new traffic signals based on future average daily traffic (ADT) volumes, using the Caltrans planning level ADT-based signal warrant analysis worksheets. Similarly, the speed limit has been used as the basis for determining the use of Urban and Rural warrants. Traffic signal warrant analyses were performed for the following study area intersection shown on Table 3-4:

TABLE 3-4: TRAFFIC SIGNAL WARRANT ANALYSIS LOCATIONS

#	Intersection Location	Jurisdiction
6	Lakeview Av. & Buena Vista Av.	Yorba Linda
7	Kellogg Dr. & Imperial Highway SB Ramps	Anaheim

The Existing conditions traffic signal warrant analysis is presented in the subsequent section, Section 4 *Area Conditions* of this report. The traffic signal warrant analyses for future conditions are presented in Section 5 *Horizon Year (2045) Traffic Conditions* of this report. It is important to note that a signal warrant defines the minimum condition under which the installation of a traffic signal might be warranted. Meeting this threshold condition does not require that a traffic control signal be installed at a particular location, but rather, that other traffic factors and conditions be evaluated in order to determine whether the signal is truly justified. It should also be noted that signal warrants do not necessarily correlate with LOS. An intersection may satisfy a signal warrant condition and operate at or above acceptable LOS or operate below acceptable LOS and not meet a signal warrant.

3.4 MINIMUM ACCEPTABLE LEVELS OF SERVICE (LOS)

Minimum Acceptable LOS and associated definitions of intersection deficiencies has been obtained from each of the applicable surrounding jurisdictions.

3.4.1 CITY OF YORBA LINDA

According to the City of Yorba Linda, City of Anaheim, and City of Placentia’s Traffic Impact Analysis Guidelines, LOS D is the minimum acceptable condition that should be maintained during the peak commute hours. (4)

3.4.2 CALTRANS

Senate Bill 743 (SB 743), approved in 2013, endeavors to change the way transportation impacts will be determined according to the California Environmental Quality Act (CEQA). The Office of Planning and Research (OPR) has recommended the use of vehicle miles traveled (VMT) as the replacement for automobile delay-based LOS. Caltrans acknowledges automobile delay will no longer be considered a CEQA impact for development projects and will use VMT as the metric for determining impacts on the State Highway System (SHS). However, LOS D has been utilized as the target LOS for Caltrans facilities, consistent with the City of Yorba Linda.

3.5 DEFICIENCY CRITERIA

This section outlines the methodology used in this analysis related to identifying circulation system deficiencies. Per the City's TIA Guidelines: a) A deficient intersection is defined where the intersection Without Project is at an acceptable LOS and With Project falls below an acceptable LOS, or b) intersection threshold with at LOS E or F with 1% increase V/C ratio With Project traffic condition as compared to Without Project traffic condition. (4) In all cases, the feasibility of the proposed improvements must be demonstrated, and the availability of right-of-way must be verified. The TA will also calculate the project's fair share towards each mitigation measure. However, the cost and scope of the improvements will be developed in conjunction with the TIF Update.

4 AREA CONDITIONS

This section provides a summary of the existing circulation network, the City of Yorba Linda General Plan Circulation Network, and a review of existing peak hour intersection operations and traffic signal warrant analyses.

4.1 EXISTING CIRCULATION NETWORK

Pursuant to the agreement with City of Yorba Linda staff (Appendix 1.1), the study area includes a total of 19 intersections as shown previously on Exhibit 1-2. Exhibit 4-1 illustrates the study area intersections located near the proposed Project and identifies the number of through traffic lanes for existing roadways and intersection traffic controls.

4.2 CITY OF YORBA LINDA GENERAL PLAN CIRCULATION ELEMENT

The roadway classifications and planned (ultimate) roadway cross-sections of the major roadways within the study area, as identified on the City of Yorba Linda General Plan Circulation Element, are described subsequently. Exhibit 4-2 shows the City of Yorba Linda General Plan Circulation Element and Exhibit 4-3 illustrates the City of Yorba Linda General Plan roadway cross-sections.

The study area roadway that is classified as a Smart Street (6-Lane) is identified as having a 100-foot right-of-way and 84-foot curb-to-curb measurement. Smart Street includes three lanes of travel in each direction and a 14-foot curbed and/or landscaped median. The following study area roadway within the City of Yorba Linda is classified as a Smart Street (6-Lane):

- Imperial Highway from the City Limit to Yorba Linda Boulevard

The study area roadway that is classified as a Smart Street (4-Lane) is identified as having a 96-foot right-of-way and 80-foot curb-to-curb measurement. Smart Street include two lanes of travel in each direction and a 12-foot curbed and/or landscaped median. The following study area roadways within the City of Yorba Linda are classified as a Smart Street (4-Lane):

- Imperial Highway from Yorba Linda Boulevard to Kellogg Drive

The study area roadway that is classified as a Modified Major identified as having a 100-foot right-of-way and 84-foot curb-to-curb measurement. Modified Major includes three lanes of travel in each direction and a 14-foot curbed and/or landscaped median. The following study area roadways within the City of Yorba Linda are classified as a Modified Major:

- Yorba Linda Boulevard from City Limit to Fairmont Boulevard

The study area roadway that is classified as a Primary Arterial identified as having a 100-foot right-of-way and 84-foot curb-to-curb measurement. Primary Arterial includes two lanes of travel in each direction and a 14-foot curbed and/or landscaped median. The following study area roadways within the City of Yorba Linda are classified as a Primary Arterial:

- Lakeview Avenue from Yorba Linda Boulevard to City Limit

- Fairmont Boulevard
- Yorba Linda Boulevard from Fairmont Boulevard to City Limit

The study area roadway that is classified as a Modified Primary Arterial identified as having an 80-foot right-of-way and 64-foot curb-to-curb measurement. Modified Primary Arterial includes two lanes of travel in each direction and a 14-foot curbed and/or landscaped median. The following study area roadways within the City of Yorba Linda are classified as a Modified Primary Arterial:

- Bastanchury Road
- Rose Drive
- La Palma Avenue from City Limit to Gypsum Canyon Road
- Savi Ranch Parkway from Yorba Linda Boulevard to Old Canal Road

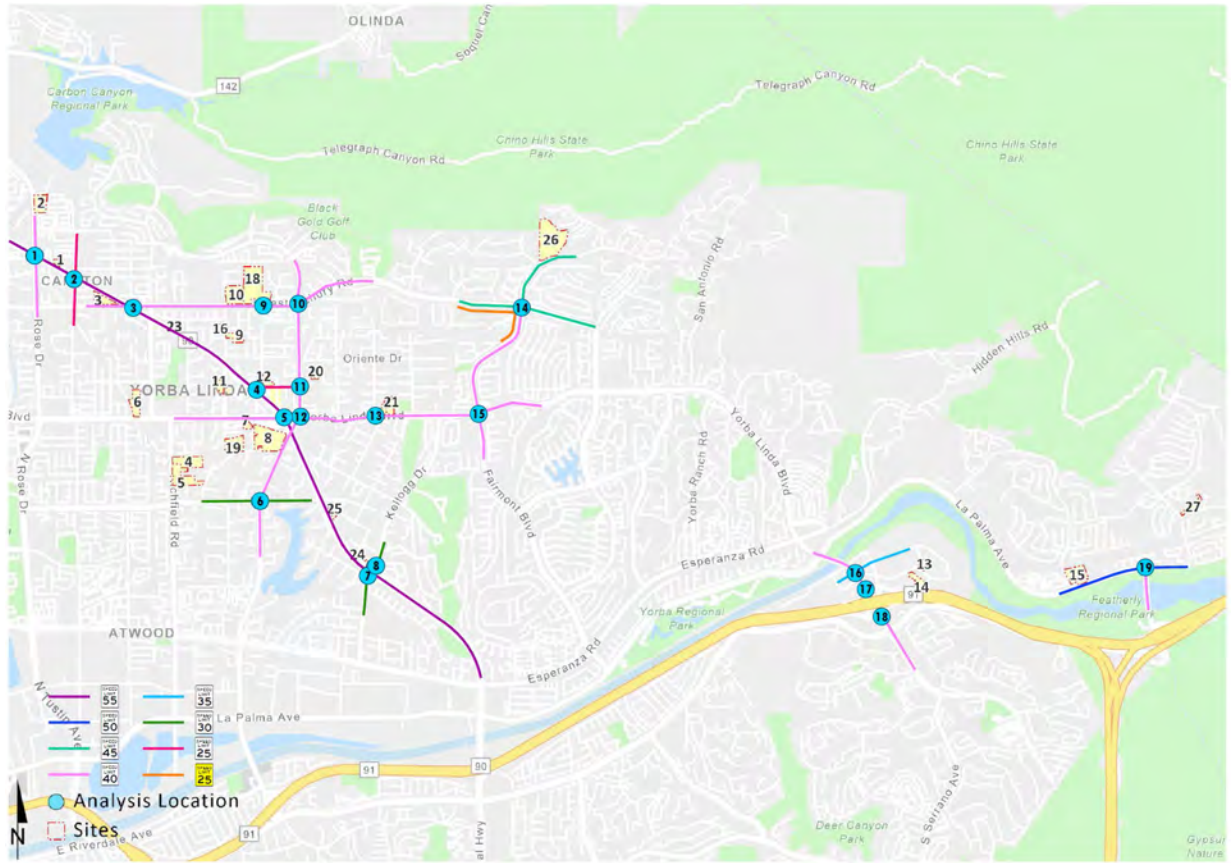
The study area roadway that is classified as a Secondary Arterial identified as having an 80-foot right-of-way and 64-foot curb-to-curb measurement. Secondary Arterial includes two lanes of travel in each direction. The following study area roadways within the City of Yorba Linda are classified as a Secondary Arterial:

- Buena Vista Avenue
- Lakeview Avenue from north of Bastanchury Road to Yorba Linda Boulevard
- Kellogg Drive
- Gypsum Canyon Road

The study area roadway that is classified as a Collector identified as having a 60-foot right-of-way and 40-foot curb-to-curb measurement. Collector includes one lane of travel in each direction. The following study area roadways within the City of Yorba Linda are classified as a Collector:

- Prospect Avenue

EXHIBIT 4-1: EXISTING NUMBER OF THROUGH LANES AND INTERSECTION CONTROLS



**EXHIBIT 4-1: EXISTING NUMBER OF THROUGH LANES AND INTERSECTION CONTROLS
(CONTINUED)**

1 <i>Rose Dr. & Imperial Hwy. (SR-90)</i>	2 <i>Prospect Av. & Imperial Hwy. (SR-90)</i>	3 <i>Imperial Hwy. (SR-90) & Bastanchury Rd.</i>	4 <i>Imperial Hwy. (SR-90) & Lemon Dr.</i>	5 <i>Imperial Hwy. (SR-90) & Yorba Linda Bl.</i>
6 <i>Lakeview Av. & Buena Vista Av.</i>	7 <i>Kellogg Dr. & Imperial Hwy. (SR-90) SB Ramps</i>	8 <i>Kellogg Dr. & Imperial Hwy. (SR-90) NB Ramps</i>	9 <i>Plumosa Dr. & Bastanchury Rd.</i>	10 <i>Lakeview Av. & Bastanchury Rd.</i>
11 <i>Lakeview Av. & Lemon Dr.</i>	12 <i>Lakeview Av. & Yorba Linda Bl.</i>	13 <i>Ohio St. & Yorba Linda Bl.</i>	14 <i>Fairmont Bl. & Bastanchury Rd.</i>	15 <i>Fairmont Bl. & Yorba Linda Bl.</i>
16 <i>Yorba Linda Bl. & Savi Ranch Pkwy.</i>	17 <i>Weir Canyon Rd. & SR-91 WB Ramps</i>	18 <i>Weir Canyon Rd. & SR-91 WB Ramps</i>	19 <i>Bryan Ranch Rd. / Gypsum Canyon Rd. & LaPalma Av.</i>	







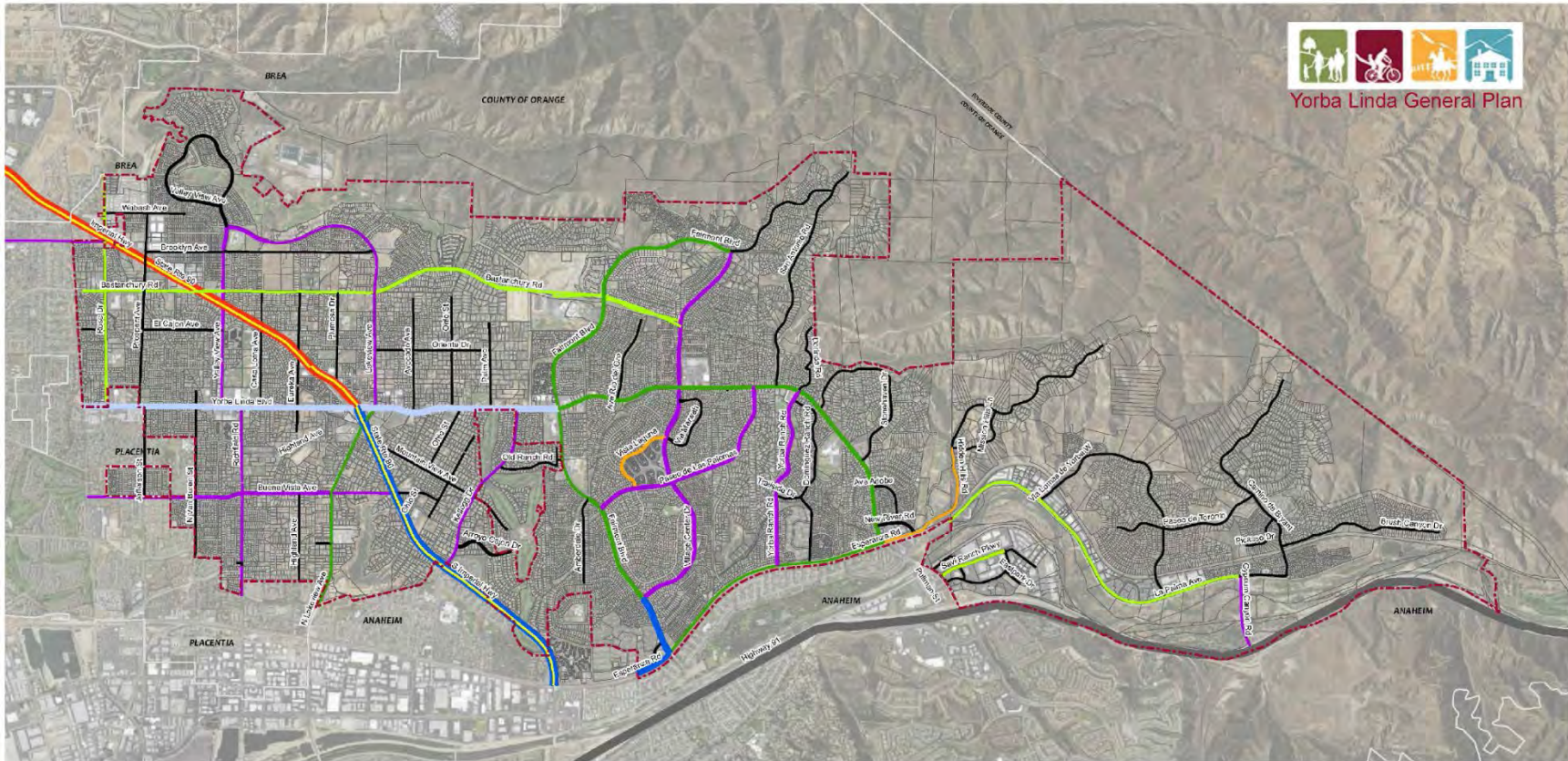
-  = Traffic Signal
-  = All Way Stop
-  = Stop Sign
- 4** = Number of Lanes
- D** = Divided
- U** = Undivided
- RTO** = Right Turn Overlap
-  = Channelized Yield
-  = Free Right Turn
-  = Raised Right Turn Median

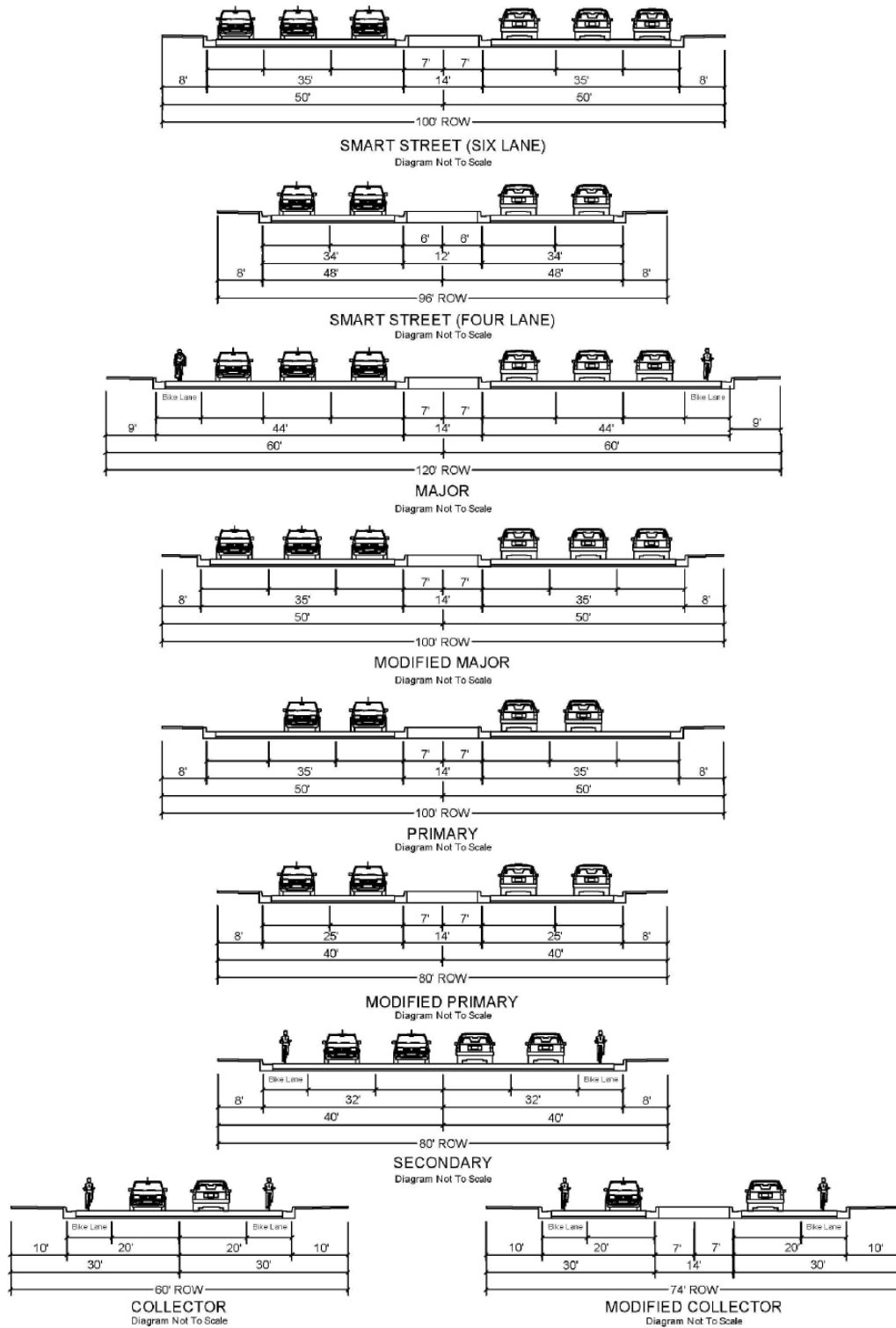
EXHIBIT 4-2: CITY OF YORBA LINDA GENERAL PLAN CIRCULATION ELEMENT



- City Boundary
- Smart Street 6 Lane
- Modified Primary 4 Lane
- Smart Street 4 Lane
- Secondary 4 Lane
- Major 6 Lane
- Collector 2 Lane
- Modified Major 6 Lane
- Modified Collector 2 Lane
- Primary 4 Lane



EXHIBIT 4-3: CITY OF YORBA LINDA GENERAL PLAN ROADWAY CROSS-SECTIONS



4.3 BICYCLE, EQUESTRIAN, & PEDESTRIAN FACILITIES

Exhibit 4-4 illustrates the City of Yorba Linda existing and future planned bicycle facilities per the City's Bicycle Plan (2016). Existing pedestrian facilities within the study area are shown on Exhibit 4-5. Field observations and traffic counts conducted in March 2022 indicate light pedestrian and bicycle activity within the study area.

4.4 TRANSIT SERVICE

The study area within the City of Yorba Linda is currently served by Orange County Transportation Authority (OCTA), a public transit agency serving various jurisdictions within Orange County. Based on a review of the existing transit routes within the vicinity of the proposed Project, Route 26 currently runs along Yorba Linda, from Rose Drive to Lakeview Avenue; while Route 38 runs along Yorba Linda from north side to south side of SR-91. Transit service is reviewed and updated by OCTA periodically to address ridership, budget, and community demand needs. Changes in land use can affect these periodic adjustments which may lead to either enhanced or reduced service where appropriate. Existing transit routes in the vicinity of the study area are illustrated on Exhibit 4-6.

4.5 EXISTING (2022) TRAFFIC COUNTS

The intersection LOS analysis is based on the traffic volumes observed during the peak hour conditions using traffic count data collected in March 2022. The following peak hours were selected for analysis:

- Weekday AM Peak Hour (peak hour between 7:00 AM and 9:00 AM)
- Weekday PM Peak Hour (peak hour between 4:00 PM and 6:00 PM)

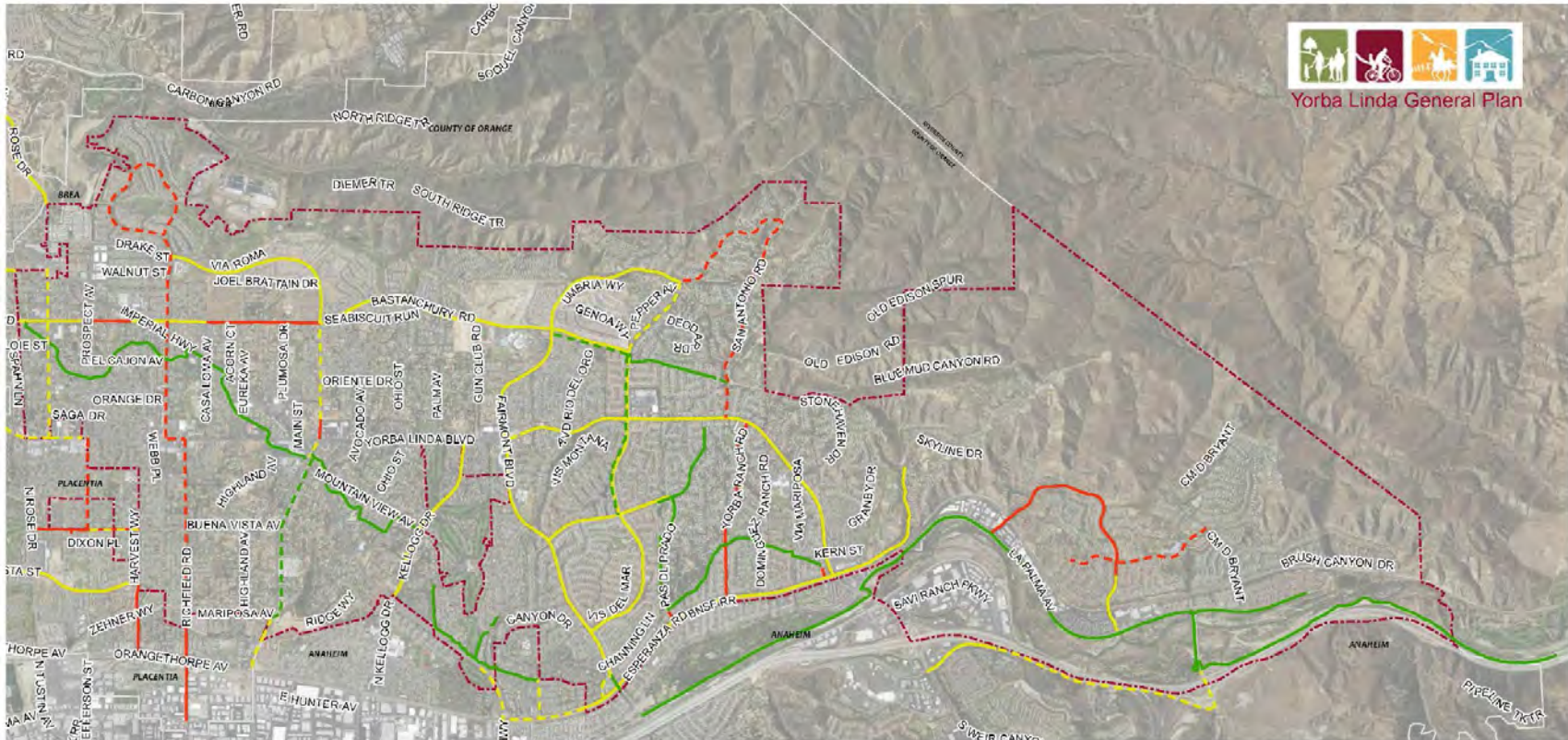
The 2022 weekday AM and PM peak hour count data is representative of typical weekday peak hour traffic conditions in the study area. There were no observations made in the field that would indicate atypical traffic conditions on the count dates, such as construction activity or detour routes and nearby schools were in session and operating on normal schedules. The raw manual peak hour turning movement traffic count data sheets are included in Appendix 4.1.

Existing weekday ADT volumes are shown on Exhibit 4-7. Where actual 24-hour tube count data was not available, Existing ADT volumes were based upon factored intersection peak hour counts collected by Urban Crossroads, Inc. using the following formula for each intersection leg:

$$\text{Weekday PM Peak Hour (Approach Volume + Exit Volume)} \times 10.88 = \text{Leg Volume}$$

A comparison of the PM peak hour and daily traffic volumes of various roadway segments within the study area indicated that the peak-to-daily relationship is approximately 9.19 percent. As such, the above equation utilizing a factor of 10.88 estimates the ADT volumes on the study area roadway segments assuming a peak-to-daily relationship of 9.19 percent (i.e., $1/0.0919 = 10.88$) and was assumed to sufficiently estimate average daily traffic (ADT) volumes for planning-level analyses. Existing weekday ADT and AM/PM peak hour intersection volumes are also shown on Exhibit 4-7.

EXHIBIT 4-4: CITY OF YORBA LINDA BICYCLE FACILITIES



Bikeways

- City Boundary
- Class I, Existing
- Class I, Proposed
- Class II, Existing
- Class II, Proposed
- Class III, Existing
- Class III, Proposed



EXHIBIT 4-5: EXISTING PEDESTRIAN FACILITIES

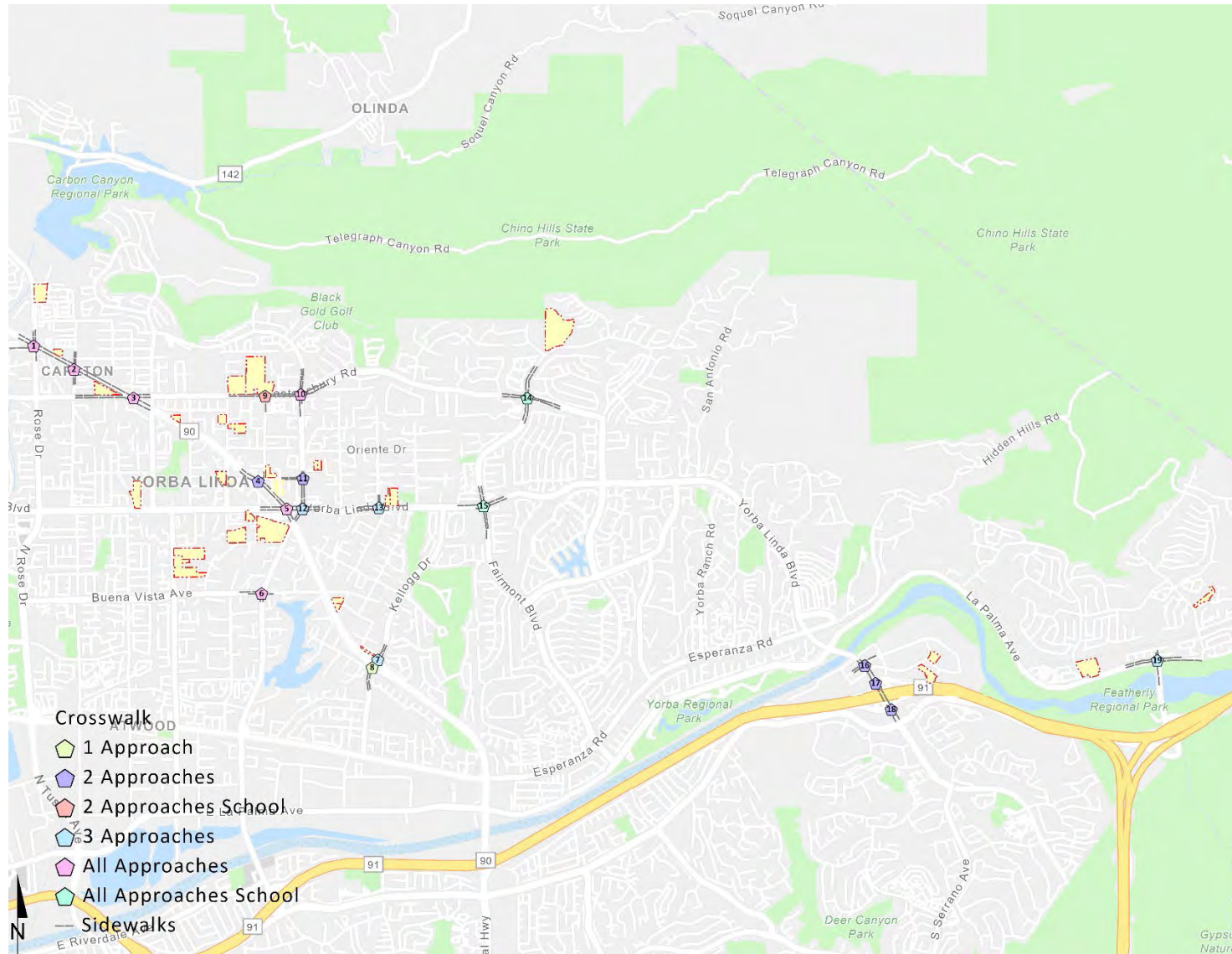


EXHIBIT 4-6: EXISTING TRANSIT ROUTES

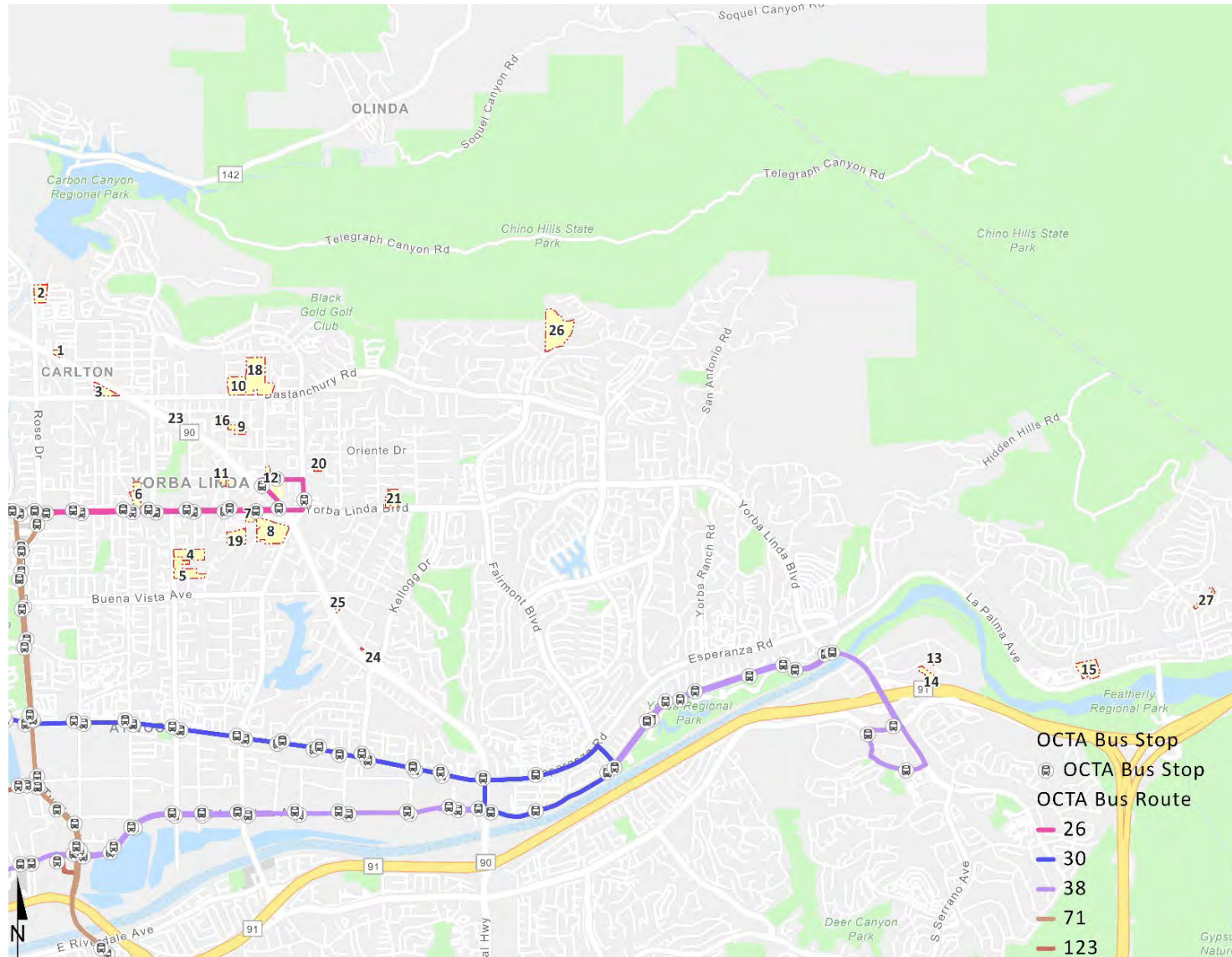
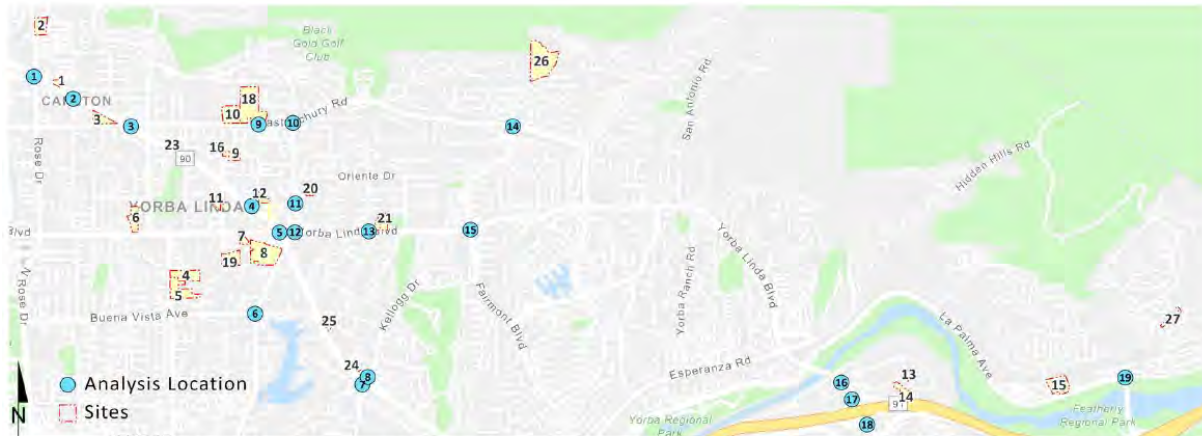


EXHIBIT 4-7: EXISTING (2022) TRAFFIC VOLUMES



<p>1 Rose Dr. & Imperial Hwy.</p> <p>24,050 26(25) ↓ 393(310) ↓ 650(816) ↓ 41,600 ↑ 400(652) ↑ 991(875) ↑ 193(146) 28(42) ↓ 979(1250) → 147(42) ↓ 117(197) ↑ 156(365) ↑ 141(86) ↑ 12,450</p>	<p>2 Prospect Av. & Imperial Hwy.</p> <p>6,500 127(140) ↓ 82(100) ↓ 65(73) ↓ 40,450 ↑ 911(72) ↑ 1481(1616) ↑ 42(20) 147(105) ↓ 1373(1927) → 24(105) ↓ 40(45) ↓ 95(107) ↓ 8(11) ↓ 4,200</p>	<p>3 Imperial Hwy. & Bastanchury Rd.</p> <p>38,900 3(3) ↓ 129(1,494) ↓ 220(496) ↓ 17,150 ↑ 478(354) ↑ 524(292) ↑ 1(9) 18(18) ↓ 349(415) → 296(369) ↓ 305(249) ↓ 131(1210) ↓ 3(12) ↓ 36,350</p>	<p>4 Imperial Hwy. & Lemon Dr.</p> <p>35,800 4(19) ↓ 148(1,667) ↓ 20(108) ↓ 4,450 ↑ 72(156) ↑ 3(10) ↑ 43(70) 3(18) ↓ 1(4) → 1(15) ↓ 1325(1325) ↑ 33(62) ↓ 34,150</p>	<p>5 Imperial Hwy. & Yorba Linda Bl.</p> <p>34,000 37(67) ↓ 1018(1025) ↓ 336(586) ↓ 27,400 ↑ 438(445) ↑ 525(555) ↑ 200(158) 26(90) ↓ 326(565) → 316(313) ↓ 318(301) ↓ 926(915) ↑ 198(211) ↓ 31,800</p>
<p>6 Lakeview Av. & Buena Vista Av.</p> <p>14,000 101(135) ↓ 582(394) ↓ 48(35) ↓ 3,350 ↑ 72(49) ↑ 127(46) ↑ 88(34) 139(223) ↓ 113(88) ↓ 73(67) ↓ 52(91) ↓ 295(453) ↑ 56(56) ↑ 11,900</p>	<p>7 Kellogg Dr. & Imperial Hwy. EB Ramps</p> <p>10,800 465(268) ↓ 280(243) ↓ 3,750 18(73) ↓ 267(153) ↓ 435(409) ↑ 144(102) ↑ 10,150</p>	<p>8 Kellogg Dr. & Imperial Hwy. WB Ramps</p> <p>11,900 73(46) ↓ 618(407) ↓ 4,500 127(104) ↓ 159(151) ↓ 294(331) ↑ 10,800</p>	<p>9 Plumbosa Dr. & Bastanchury Rd.</p> <p>250 15,650 785(585) ↓ 70(22) ↓ 527(779) → 58(54) ↓ 102(24) ↓ 108(29) ↑ 1,400</p>	<p>10 Lakeview Av. & Bastanchury Rd.</p> <p>4,650 59(20) ↓ 133(91) ↓ 108(66) ↓ 17,600 ↑ 99(81) ↑ 722(480) ↑ 224(144) 31(38) ↓ 488(619) ↓ 144(127) ↓ 120(90) ↓ 120(90) ↑ 191(230) ↓ 8,850</p>
<p>11 Lakeview Av. & Lemon Dr.</p> <p>9,850 36(63) ↓ 476(354) ↓ 17(75) ↓ 1(1) → 53(120) ↓ 38(91) ↓ 288(414) ↑ 2(1) ↑ 10,700</p>	<p>12 Lakeview Av. & Yorba Linda Bl.</p> <p>Nominal 12,350 105(143) ↓ 284(271) ↓ 91(183) ↓ 28,800 ↑ 89(84) ↑ 888(867) ↑ 318(175) 142(171) ↓ 672(1073) → 196(107) ↓ 135(187) ↓ 178(284) ↑ 196(265) ↑ 14,000</p>	<p>13 Ohio St. & Yorba Linda Bl.</p> <p>1,600 20(15) ↓ 70(47) ↓ 26,100 50(70) ↑ 726(1331) ↑ 20(13) ↓ 1066(951) → 25,100</p>	<p>14 Fairmont Bl. & Bastanchury Rd.</p> <p>5,800 225(120) ↓ 239(86) ↓ 38(30) ↓ 10,250 ↑ 19(35) ↑ 448(367) ↑ 112(46) 97(155) ↓ 346(429) → 180(202) ↓ 168(120) ↓ 177(109) ↑ 40(37) ↑ 6,550</p>	<p>15 Fairmont Bl. & Yorba Linda Bl.</p> <p>8,050 286(207) ↓ 222(130) ↓ 105(125) ↓ 21,650 ↑ 93(53) ↑ 743(733) ↑ 100(49) 166(214) ↓ 494(984) → 146(196) ↓ 264(171) ↓ 220(10) ↑ 54(47) ↓ 6,550</p>
<p>16 Weir Canyon Rd. & Savi Ranch Pkwy.</p> <p>41,900 212(250) ↓ 1059(1165) ↓ 227(339) ↓ 20,350 ↑ 168(528) ↑ 247(541) 99(175) ↓ 205(380) ↓ 256(119) ↓ 981(1394) ↑ 683(465) ↓ 44,200</p>	<p>17 Weir Canyon Rd. & SR-91 WB Ramps</p> <p>44,200 325(611) ↓ 1186(1475) ↓ 16,300 ↑ 534(634) ↑ 357(523) 1384(1344) ↑ 405(340) ↓ 40,050</p>	<p>18 Weir Canyon Rd. & SR-91 EB Ramps</p> <p>40,050 683(281) ↓ 860(1717) ↓ 708(348) ↓ 560(688) ↓ 1081(1336) ↑ 478(638) ↓ 47,600</p>	<p>19 Gypsum Canyon Rd. & La Palma Av.</p> <p>550 17(5) ↓ 13(8) ↓ 7(2) ↓ 9,000 ↑ 7(4) ↑ 283(178) ↑ 339(137) 15(26) ↓ 136(443) ↓ 174(866) ↓ 194(72) ↓ 6(4) ↑ 123(64) ↓ 12,500</p>	<p>##(##) AM(PM) Peak Hour Intersection Volumes ## Average Daily Trips</p>

4.6 INTERSECTION OPERATIONS ANALYSIS

Existing peak hour traffic operations have been evaluated for the study area intersections based on the analysis methodologies presented in Section 3.2 *Intersection Capacity Analysis* of this report. The intersection operations analysis results are summarized on Table 4-1, which indicates the following existing study area intersections are currently operating at un-acceptable LOS during the peak hours:

- Lakeview Avenue & Buena Vista Avenue (#6) – LOS F AM and LOS E PM peak hours
- Kellogg Drive & Imperial Highway EB Ramps (#7) – LOS F AM and PM peak hours

The intersection operations analysis worksheets are included in Appendix 4.2 of this TA.

TABLE 4-1: INTERSECTION ANALYSIS FOR EXISTING (2022) CONDITIONS

#	Intersection	Traffic Control ³	Delay ¹ (secs.)		Level of Service		ICU ² (v/c)		Level of Service	
			AM	PM	AM	PM	AM	PM	AM	PM
1	Rose Dr. & Imperial Highway	TS	Not Applicable ⁴				0.652	0.856	B	D
2	Prospect Av. & Imperial Highway	TS	Not Applicable ⁴				0.869	0.678	D	B
3	Imperial Highway & Bastanchury Rd.	TS	Not Applicable ⁴				0.735	0.719	C	C
4	Imperial Highway & Lemon Dr.	TS	Not Applicable ⁴				0.462	0.585	A	A
5	Imperial Highway & Yorba Linda Bl.	TS	Not Applicable ⁴				0.723	0.768	C	C
6	Lakeview Av. & Buena Vista Av.	AWS	93.4	47.7	F	E	Not Applicable ⁵			
7	Kellogg Dr. & Imperial Highway EB Ramps	CSS	>200.0	51.7	F	F	Not Applicable ⁵			
8	Kellogg Dr. & Imperial Highway WB Ramps	TS	15.9	11.5	B	B	Not Applicable ⁶			
9	Plumosa Dr. & Bastanchury Rd.	TS	Not Applicable ⁴				0.391	0.375	A	A
10	Lakeview Av. & Bastanchury Rd.	TS	Not Applicable ⁴				0.594	0.578	A	A
11	Lakeview Av. & Lemon Dr.	TS	Not Applicable ⁴				0.305	0.349	A	A
12	Lakeview Av. & Yorba Linda Bl.	TS	Not Applicable ⁴				0.611	0.611	B	B
13	Ohio St. & Yorba Linda Bl.	TS	Not Applicable ⁴				0.350	0.410	A	A
14	Fairmont Bl. & Bastanchury Rd.	TS	Not Applicable ⁴				0.552	0.454	A	A
15	Fairmont Bl. & Yorba Linda Bl.	TS	Not Applicable ⁴				0.570	0.507	A	A
16	Weir Canyon Rd. & Savi Ranch Pkwy.	TS	Not Applicable ⁴				0.767	0.844	A	D
17	Weir Canyon Rd. & SR-91 WB Ramps	TS	11.4	14.1	B	B	Not Applicable ⁶			
18	Weir Canyon Rd. & SR-91 EB Ramps	TS	14.6	11.3	B	B	Not Applicable ⁶			
19	Gypsum Canyon Rd. & La Palma Av.	TS	Not Applicable ⁴				0.455	0.696	A	B

* **BOLD** = Level of Service (LOS) does not meet the applicable jurisdictional requirements (i.e., unacceptable LOS).

L = Left; T = Through; R = Right; > = Right-Turn Overlap Phasing; >> = Free-Right Turn Lane; d= Defacto Right Turn Lane

¹ Per the Highway Capacity Manual (6th Edition), overall average intersection delay and level of service are shown for intersections with a traffic signal or all way stop control. For intersections with cross street stop control, the delay and level of service for the worst individual movement (or movements sharing a single lane) are shown.

² Intersection capacity utilization (ICU) methodology results are presented as a volume-to-capacity ratio.

³ AWS = All-way Stop; CSS = Cross-Street Stop; TS = Traffic Signal; **CSS** = Improvement

⁴ ICU reported for signalized intersections only.

⁵ HCM reported for unsignalized intersections only (also a Caltrans facility).

⁶ Although signalized, intersection is a Caltrans facility. Therefore, only HCM has been reported.

4.7 TRAFFIC SIGNAL WARRANTS ANALYSIS

Traffic signal warrants for Existing traffic conditions are based on existing peak hour intersection turning volumes. The following unsignalized intersections currently warrant a traffic signal for Existing traffic conditions:

- Lakeview Avenue & Buena Vista Avenue (#6)
- Kellogg Drive & Imperial Highway SB Ramps (#7)

Existing conditions traffic signal warrant analysis worksheets are provided in Appendix 4.3 of this TA.

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5 HORIZON YEAR (2045) TRAFFIC CONDITIONS

This section discusses the methods used to develop Horizon Year (2045) Without and With Project traffic forecasts, and the resulting intersection operations analyses.

5.1 VOLUME DEVELOPMENT FOR HORIZON YEAR

Traffic projections for Horizon Year (2045) Without Project and With Project conditions were derived from the Orange County Transportation Analysis Model (OCTAM) Version 5.5 maintained by the Orange County Transportation Authority (OCTA). To develop future traffic forecast volumes in the vicinity of the 27 sites proposed to be rezoned to multifamily residential use, changes in population related to each proposed site were added to the OCTAM models and rerun. To identify trips generated for use in the OCTAM, residential units do not require a conversion rate as they translate directly to dwelling units. Additional variables are used to further define the characteristics of the residential component, such as population per household, median income, etc. Residential based trips are calculated based on the trip rate for each dwelling unit and associated data. Based on the citywide land use data and the regional socioeconomic growth projections, future trip activity is estimated and assigned to the roadway circulation system. The Department of Finance (2021) identifies Yorba Linda with 2.94 persons per household. Model output is post-processed based on established postprocessing methodologies. The post-processor applies the model's projected growth to each turning movement for both Horizon Year (2045) Without and With Project scenarios, forecasting a value that reflects future growth.

The traffic forecasts reflect the area-wide growth anticipated between Existing (2022) conditions and Horizon Year (2045) traffic conditions. In most instances the traffic model zone structure is not designed to provide accurate turning movements along arterial roadways unless refinement and reasonableness checking is performed. Therefore, the Horizon Year (2045) peak hour forecasts were refined using the model derived long range forecasts, base (validation) year model forecasts, along with existing peak hour traffic count data collected at each analysis location in March 2022. The OCTAM has a base (validation) year of 2016 and a horizon (future forecast) year of 2045. The difference in model volumes (2045-2016) defines the growth in traffic over the 24-year period.

The refined future peak hour approach and departure volumes obtained from the model output data are then entered into a spreadsheet program consistent with the National Cooperative Highway Research Program (NCHRP Report 765), along with initial estimates of turning movement proportions. A linear programming algorithm is used to calculate individual turning movements which match the known directional roadway segment forecast volumes computed in the previous step. This program computes a likely set of intersection turning movements from intersection approach counts and the initial turning proportions from each approach leg.

The OCTAM uses an AM peak period-to-peak hour factor of 0.36 and a PM peak period-to-peak hour factor of 0.27. These factors represent the relationship of the highest single AM peak hour to the modeled 3-hour AM peak period (an even distribution would result in a factor of 0.33) and the highest single PM peak hour to the modeled 4-hour PM peak period (an even distribution would result in a factor of 0.25).

Typically, the model growth is prorated and is subsequently added to the existing (base validation) traffic volumes to represent Horizon Year traffic conditions. In an effort to conduct a conservative analysis, reductions to traffic forecasts from either Existing or Opening Year Cumulative traffic conditions were not assumed as part of this analysis. As such, in conjunction with the addition of cumulative projects that are not consistent with the General Plan, additional growth has also been applied on a movement-by-movement basis, where applicable, to estimate reasonable Horizon Year (2045) forecasts. Future estimated peak hour traffic data was used for new intersections and intersections with an anticipated change in travel patterns to further refine the Horizon Year (2045) peak hour forecasts.

The future Horizon Year (2045) Without Project and With Project peak hour turning movements were then reviewed by Urban Crossroads, Inc. for reasonableness, and in some cases, were adjusted to achieve flow conservation, reasonable growth, and reasonable diversion between parallel routes. Flow conservation checks ensure that traffic flow between two closely spaced intersections, such as two adjacent driveway locations, is verified in order to make certain that vehicles leaving one intersection are entering the adjacent intersection and that there is no unexplained loss of vehicles. The result of this traffic forecasting procedure is a series of traffic volumes which are suitable for traffic operations analysis. Post processing has been performed for the weekday AM and PM peak hours only as these are the only time periods where traffic model data was readily available. The post processed volumes for Horizon Year (2045) Without and With Project traffic conditions are provided in Appendices 5.1 and 5.2, respectively.

5.2 WITHOUT PROJECT TRAFFIC VOLUME FORECASTS

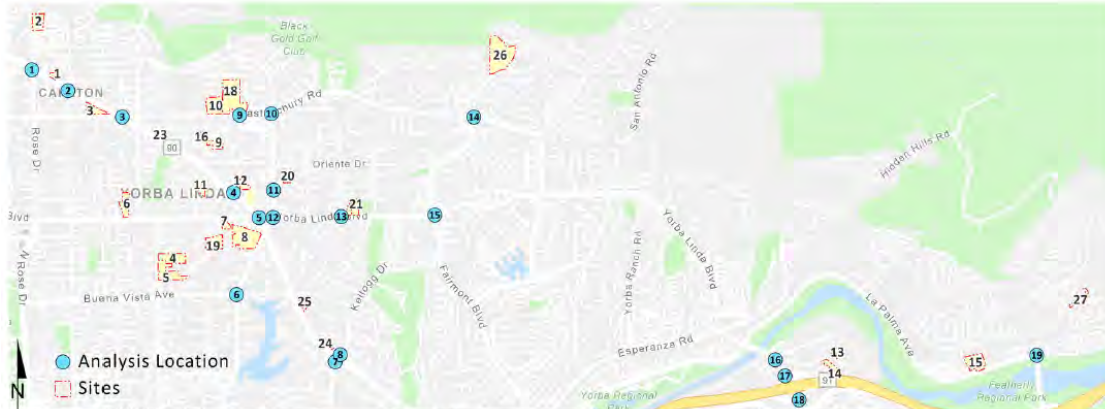
This scenario includes the refined post-process volumes obtained from the OCTAM (included in Appendix 5.1 of this TA). The weekday ADT and AM/PM peak hour volumes which can be expected for Horizon Year (2045) Without Project traffic conditions are shown on Exhibit 5-1.

5.3 WITH PROJECT TRAFFIC VOLUME FORECASTS

This scenario includes the refined post-process volumes obtained from the OCTAM, with changes to reflect the traffic generated by the proposed Project (included in Appendix 5.2) of this TA. The weekday ADT and AM/PM peak hour volumes which can be expected for Horizon Year (2045) With Project traffic conditions are shown on Exhibit 5-2.

Project only ADT and AM/PM peak hour intersection turning movement volumes were developed based on the net change between With and Without Project forecast volumes and are shown on Exhibit 5-3.

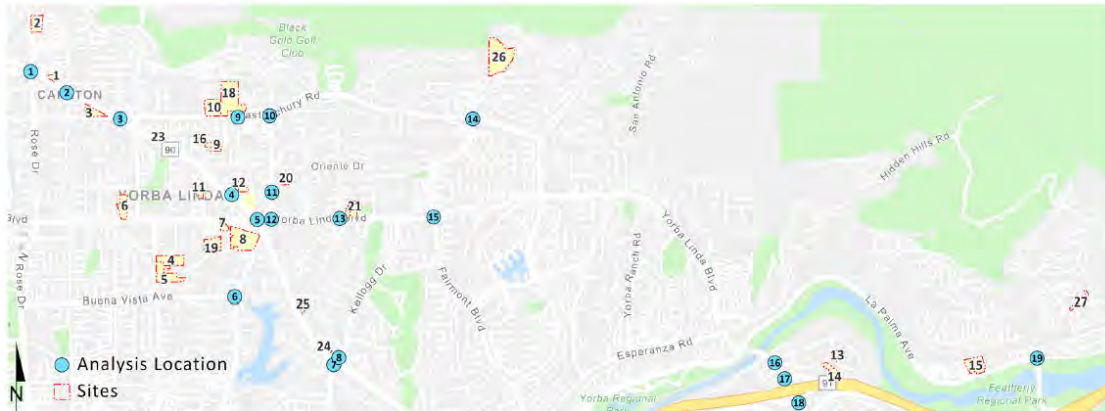
EXHIBIT 5-1: HORIZON YEAR (2045) WITHOUT PROJECT TRAFFIC VOLUMES



1	2	3	4	5
Rose Dr. & Imperial Hwy.	Prospect Av. & Imperial Hwy.	Imperial Hwy. & Bastanchury Rd.	Imperial Hwy. & Lemon Dr.	Imperial Hwy. & Yorba Linda Bl.
32,150 32(27) 38(46) 999(1288) 146(47) 29,100	46,500 7,050 139(152) 161(114) 1504(2086) 26(114) 14,700	44,200 3(3) 17(18) 394(516) 329(383) 19,100	22,350 635(394) 639(345) 2(10) 282(292) 1325(1338) 4(16) 40,200	4,850 79(169) 3(11) 47(76) 1451(1435) 36(67) 36,950
46,500	43,800	22,350	4,850	24,450
32(27) 459(339) 781(825) 519(726) 1008(960) 185(165) 203(438) 140(97)	139(152) 90(108) 71(79) 998(78) 1622(1750) 46(22) 44(49) 104(116) 9(12)	3(3) 1416(1477) 245(587) 635(394) 639(345) 2(10) 394(516) 329(383)	635(394) 639(345) 2(10) 282(292) 1325(1338) 4(16)	79(169) 3(11) 47(76) 1451(1435) 36(67)
29,100	46,350	19,100	40,200	37,850
29,100	46,350	19,100	40,200	37,850
6	7	8	9	10
Lakeview Av. & Buena Vista Av.	Kellogg Dr. & Imperial Hwy. EB Ramps	Kellogg Dr. & Imperial Hwy. WB Ramps	Plumosa Dr. & Bastanchury Rd.	Lakeview Av. & Bastanchury Rd.
16,300 208(164) 726(430) 82(33) 187(312) 112(68) 53(59) 8,150	2,400 10,200 446(248) 413(241) 23(94) 0(1) 256(155) 2,400	11,050 107(46) 761(402) 257(375) 98(87) 163(125) 295(999) 1,800	250 16,900 860(633) 77(24) 577(843) 64(58) 17,000	4,250 65(49) 127(84) 108(66) 30(40) 506(698) 143(132) 17,600
16,300	3,550	3,500	250	19,850
16,300	3,550	3,500	250	19,850
208(164) 726(430) 82(33) 187(312) 112(68) 53(59)	446(248) 413(241) 23(94) 0(1) 256(155)	107(46) 761(402) 257(375) 98(87) 163(125) 295(999)	860(633) 77(24) 577(843) 64(58)	65(49) 127(84) 108(66) 30(40) 506(698) 143(132)
8,150	9,450	10,200	17,000	17,600
8,150	9,450	10,200	17,000	17,600
11	12	13	14	15
Lakeview Av. & Lemon Dr.	Lakeview Av. & Yorba Linda Bl.	Ohio St. & Yorba Linda Bl.	Fairmont Bl. & Bastanchury Rd.	Fairmont Bl. & Yorba Linda Bl.
10,650 39(68) 521(383) 19(81) 1(1) 58(130) 4,100	Nominal 14,350 93(155) 387(311) 89(195) 156(163) 660(964) 269(103) 24,750	1,350 12(11) 69(50) 49(62) 742(1319) 12(8) 1086(930) 23,550	6,450 281(130) 260(90) 39(30) 17(35) 479(361) 104(44) 97(172) 343(426) 190(212) 16,900	10,050 17(35) 479(361) 104(44) 97(172) 343(426) 190(212) 218(149) 189(139) 42(42) 25,000
10,650	26,950	25,600	10,050	21,950
10,650	26,950	25,600	10,050	21,950
39(68) 521(383) 19(81) 1(1) 58(130)	93(155) 387(311) 89(195) 156(163) 660(964) 269(103)	12(11) 69(50) 49(62) 742(1319) 12(8) 1086(930)	281(130) 260(90) 39(30) 17(35) 479(361) 104(44) 97(172) 343(426) 190(212)	17(35) 479(361) 104(44) 97(172) 343(426) 190(212) 218(149) 189(139) 42(42)
4,100	11,600	16,250	16,900	25,000
4,100	11,600	16,250	16,900	25,000
16	17	18	19	
Weir Canyon Rd. & Savi Ranch Pkwy.	Weir Canyon Rd. & SR-91 WB Ramps	Weir Canyon Rd. & SR-91 EB Ramps	Gypsum Canyon Rd. & La Palma Av.	
45,350 232(271) 1160(1261) 249(367) 108(189) 225(411) 10,900	22,050 184(572) 271(586) 280(129) 1075(1509) 746(503) 47,850	16,550 580(613) 386(629) 1521(1529) 410(343) 39,550	15,550 2(1) 203(100) 635(359) 1(3) 75(423) 266(915) 8,900	
45,350	22,050	16,550	15,550	
45,350	22,050	16,550	15,550	
232(271) 1160(1261) 249(367) 108(189) 225(411)	184(572) 271(586) 280(129) 1075(1509) 746(503)	580(613) 386(629) 1521(1529) 410(343)	2(1) 203(100) 635(359) 1(3) 75(423) 266(915)	
10,900	47,850	39,550	8,900	
10,900	47,850	39,550	8,900	

###(##) AM(PM) Peak Hour Intersection Volumes
Average Daily Trips

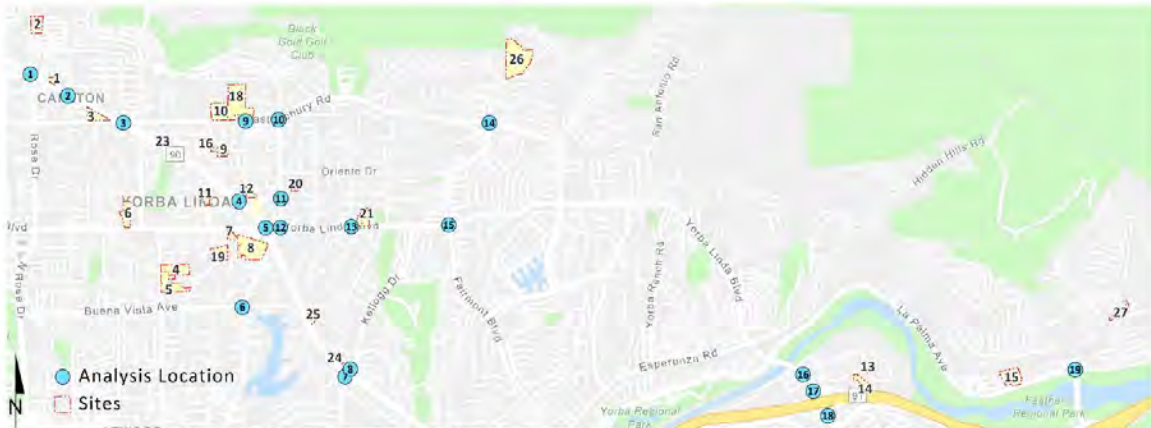
EXHIBIT 5-2: HORIZON YEAR (2045) WITH PROJECT TRAFFIC VOLUMES



1	2	3	4	5
Rose Dr. & Imperial Hwy.	Prospect Av. & Imperial Hwy.	Imperial Hwy. & Bastanchury Rd.	Imperial Hwy. & Lemon Dr.	Imperial Hwy. & Yorba Linda Bl.
33,350 31(26) 470(345) 768(902) 558(725) 1011(966) 199(171) 39(42) 989(1299) 150(44) 128(238) 233(444) 154(109) 48,400 7,200 44,950 44,950 24,350 39,800 4,950 37,900 25,200	7,200 143(156) 92(111) 73(81) 1024(80) 1665(1795) 47(22) 165(117) 1543(2141) 27(117) 45(50) 107(119) 9(12) 47,600 4,700 21,100 21,100 40,350 40,350 800 4,950 37,950 20,650 37,550	44,950 3(3) 1401(1477) 249(630) 645(405) 728(350) 2(10) 16(19) 399(553) 324(383) 313(287) 1306(1327) 4(17) 40,350 40,350 800 4,950 37,950 20,650 37,550	39,800 4(21) 1665(1852) 22(120) 81(173) 3(11) 48(78) 3(20) 1(4) 1(17) 1489(4472) 37(69) 37,950 20,650 37,550	37,900 39(71) 1187(1110) 337(525) 391(457) 490(568) 208(165) 27(100) 340(530) 384(355) 365(361) 1015(1103) 217(214) 37,550
29,700	15,500	4,700	800	37,550
6	7	8	9	10
Lakeview Av. & Buena Vista Av.	Kellogg Dr. & Imperial Hwy. EB Ramps	Kellogg Dr. & Imperial Hwy. WB Ramps	Plumosa Dr. & Bastanchury Rd.	Lakeview Av. & Bastanchury Rd.
17,400 214(182) 761(457) 73(29) 61(67) 111(51) 48(32) 201(340) 122(66) 68(71) 58(96) 318(593) 45(36) 2,300 10,750 3,650 11,600 3,550 300 17,350 4,300 20,450	10,750 489(261) 459(242) 26(92) 0(1) 263(159) 445(458) 158(97) 10,000 1,850 1,850 11,600 3,550 300 17,350 4,300 20,450	11,600 113(45) 850(413) 263(389) 98(90) 159(130) 312(420) 10,750 10,750 1,850 1,850 11,600 3,550 300 17,350 4,300 20,450	17,350 882(650) 79(24) 592(866) 65(60) 115(27) 1(0) 121(32) 1,550 19,500 1,550 19,500	4,300 67(21) 131(88) 102(62) 102(75) 913(521) 246(142) 33(42) 524(715) 162(151) 140(108) 140(108) 184(243) 10,350 10,350
10,000	13,400	10,000	1,550	10,350
11	12	13	14	15
Lakeview Av. & Lemon Dr.	Lakeview Av. & Yorba Linda Bl.	Ohio St. & Yorba Linda Bl.	Fairmont Bl. & Bastanchury Rd.	Fairmont Bl. & Yorba Linda Bl.
10,950 40(70) 535(393) 0(3) 19(83) 1(1) 60(133) 1(0) 97(97) 816(852) 431(191) 157(180) 654(973) 270(107) 139(238) 217(423) 211(339) 1,500 1,500 25,650 6,600 10,000 9,700 22,200	15,800 105(157) 419(330) 95(202) 97(97) 816(852) 431(191) 157(180) 654(973) 270(107) 139(238) 217(423) 211(339) 1,500 1,500 25,650 6,600 10,000 9,700 22,200	1,500 14(13) 67(48) 55(69) 736(1327) 15(11) 1073(932) 1,500 1,500 25,650 6,600 10,000 9,700 22,200	6,600 291(132) 279(89) 40(29) 17(36) 476(362) 107(43) 97(182) 339(431) 194(216) 212(150) 186(140) 41(41) 10,000 10,000 9,700 22,200	9,700 284(159) 281(174) 115(138) 96(98) 772(692) 132(81) 143(275) 475(928) 162(225) 297(239) 246(27) 67(94) 13,800 13,800
4,250	11,900	24,150	17,450	25,800
16	17	18	19	
Weir Canyon Rd. & Savi Ranch Pkwy.	Weir Canyon Rd. & SR-91 WB Ramps	Weir Canyon Rd. & SR-91 EB Ramps	Gypsum Canyon Rd. & La Palma Av.	
46,550 238(278) 1190(1294) 253(377) 189(587) 278(601) 111(194) 230(422) 288(132) 1103(1549) 765(517) 22,650 42,450 16,850 40,250 6,150 17,950 1(1) 39(18) 1(1) 2(1) 217(103) 749(396) 1(3) 76(467) 263(871) 272(279) 27(34) 273(576) 11,150 49,100 6,250 40,400 11,950 48,300 9,250 24,750	42,450 358(649) 1340(1669) 620(616) 368(622) 1535(1582) 410(341) 16,850 40,250 6,150 17,950 1(1) 39(18) 1(1) 2(1) 217(103) 749(396) 1(3) 76(467) 263(871) 272(279) 27(34) 273(576) 11,150 49,100 6,250 40,400 11,950 48,300 9,250 24,750	40,250 707(290) 1001(2001) 651(371) 499(562) 1295(1552) 440(580) 6,150 17,950 1(1) 39(18) 1(1) 2(1) 217(103) 749(396) 1(3) 76(467) 263(871) 272(279) 27(34) 273(576) 11,150 49,100 6,250 40,400 11,950 48,300 9,250 24,750	17,950 2(1) 217(103) 749(396) 1(3) 76(467) 263(871) 272(279) 27(34) 273(576) 11,150 49,100 6,250 40,400 11,950 48,300 9,250 24,750	

##(##) AM(PM) Peak Hour Intersection Volumes
Average Daily Trips

EXHIBIT 5-3: PROJECT ONLY TRAFFIC VOLUMES



1 Rose Dr. & Imperial Hwy. 1,200 600 1,950 800	2 Prospect Av. & Imperial Hwy. 200 1,150 100	3 Imperial Hwy. & Bastanchury Rd. 750 2,000 150	4 Imperial Hwy. & Lemon Dr. 1,000 150 950	5 Imperial Hwy. & Yorba Linda Bl. Nominal 750 550
6 Lakeview Av. & Buena Vista Av. 1,100 1,850	7 Kellogg Dr. & Imperial Hwy. EB Ramps Nominal 550 1,150	8 Kellogg Dr. & Imperial Hwy. WB Ramps 550 Nominal 550	9 Plumosa Dr. & Bastanchury Rd. 100 450 Nominal	10 Lakeview Av. & Bastanchury Rd. Nominal 600 1,250
11 Lakeview Av. & Lemon Dr. 300 100	12 Lakeview Av. & Yorba Linda Bl. 1,450 750 300	13 Ohio St. & Yorba Linda Bl. 100 Nominal 550	14 Fairmont Bl. & Bastanchury Rd. 150 550	15 Fairmont Bl. & Yorba Linda Bl. 350 250
16 Weir Canyon Rd. & Savi Ranch Pkwy. 1,200 300	17 Weir Canyon Rd. & SR-91 WB Ramps 1,600 600 1,250	18 Weir Canyon Rd. & SR-91 EB Ramps 650 300	19 Gypsum Canyon Rd. & La Palma Av. 150 2,400 2,100	

###(##) AM(PM) Peak Hour Intersection Volumes
Average Daily Trips

5.4 INTERSECTION OPERATIONS ANALYSIS

5.4.1 HORIZON YEAR (2045) WITHOUT PROJECT TRAFFIC CONDITIONS

LOS calculations were conducted for the study intersections to evaluate their operations under Horizon Year (2045) Without Project conditions with roadway and intersection geometrics consistent with existing traffic conditions. As shown on Table 5-1, the following study area intersections are anticipated to operate at an unacceptable LOS under Horizon Year (2045) Without Project traffic conditions:

- Rose Drive & Imperial Highway (#1) – LOS E PM peak hour only
- Prospect Avenue & Imperial Highway (#2) – LOS E AM peak hour only
- Lakeview Avenue & Buena Vista Avenue (#6) – LOS F AM PM peak hours
- Kellogg Drive & Imperial Highway EB Ramps (#7) – LOS F AM and PM peak hours
- Weir Canyon Road/Yorba Linda Boulevard & Savi Ranch Parkway (#16) – LOS F PM peak hour only

The intersection operations analysis worksheets for Horizon Year (2045) Without Project traffic conditions are included in Appendix 5.3 of this TA.

5.4.2 HORIZON YEAR (2045) WITH PROJECT TRAFFIC CONDITIONS

The following study area intersection is anticipated to also operate at an unacceptable LOS with the addition of Project traffic as shown on Table 5-1, in addition to the locations previously identified for Horizon Year (2045) Without Project traffic conditions:

- Imperial Highway & Yorba Linda Boulevard (#5) – LOS E PM peak hour only

The intersection operations analysis worksheets for Horizon Year (2045) With Project traffic conditions are included in Appendix 5.4 of this TA.

5.5 TRAFFIC SIGNAL WARRANTS ANALYSIS

The traffic signal warrant analysis for Horizon Year (2045) traffic conditions are based on the peak hour volumes or planning level ADT volume-based traffic signal warrants. The unsignalized study area intersections were found to meet peak hour volume-based traffic signal warrants under existing traffic conditions, as such, no traffic signal warrant analysis has been performed for Horizon Year (2045) Without and With Project traffic conditions.

5.6 LONG-TERM DEFICIENCIES AND RECOMMENDED IMPROVEMENTS

This section provides a summary of Horizon Year (2045) deficiencies and recommended improvements. Based on the City of Yorba Linda deficiency criteria discussed in Section 3.4 Minimum Acceptable LOS and Section 3.5 Intersection Deficiency Criteria, the following intersections were found to be deficient:

- Rose Drive & Imperial Highway (#1)

- Prospect Avenue & Imperial Highway (#2)
- Imperial Highway & Yorba Linda Boulevard (#5)
- Lakeview Avenue & Buena Vista Avenue (#6)
- Kellogg Drive & Imperial Highway EB Ramps (#7)
- Weir Canyon Road/Yorba Linda Boulevard & Savi Ranch Parkway (#16)

Improvements necessary to improve traffic deficiencies back to acceptable levels and the effectiveness of the proposed recommended improvements is presented in Table 5-2 and shown on Exhibit 5-4. Table 5-2 summarizes the LOS results with the proposed traffic control improvements (see Appendix 5.5 for the analysis worksheets).

The improvements recommended above are related to the changes in the Housing Element Update. However, there are other studies which have been referenced for consistency for some of the recommended improvements at overlapping study area locations that would be needed to meet the City LOS requirements. The Savi Ranch Mobility Study 2018 is one such report referenced for improvements at the intersection of Weir Canyon Road/Yorba Linda Boulevard at Savi Ranch Parkway.

TABLE 5-1: INTERSECTION ANALYSIS FOR HORIZON YEAR (2045) CONDITIONS

#	Intersection	Traffic Control ³	2045 Without Project								2045 With Project								Change in V/C ⁷	
			Delay ¹ (secs.)		Level of Service		ICU ² (v/c)		Level of Service		Delay ¹ (secs.)		Level of Service		ICU ² (v/c)		Level of Service			
			AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
1	Rose Dr. & Imperial Highway	TS	Not Applicable ⁴				0.740	0.926	C	E	Not Applicable ⁴				0.768	0.947	C	E	3.8%	2.3%
2	Prospect Av. & Imperial Highway	TS	Not Applicable ⁴				0.942	0.726	E	C	Not Applicable ⁴				0.964	0.742	E	C	2.3%	2.2%
3	Imperial Highway & Bastanchury Rd.	TS	Not Applicable ⁴				0.844	0.805	D	D	Not Applicable ⁴				0.856	0.827	D	D	1.4%	2.7%
4	Imperial Highway & Lemon Dr.	TS	Not Applicable ⁴				0.496	0.625	A	B	Not Applicable ⁴				0.507	0.639	A	B	2.2%	2.2%
5	Imperial Highway & Yorba Linda Bl.	TS	Not Applicable ⁴				0.888	0.848	D	D	Not Applicable ⁴				0.903	0.850	E	D	1.7%	0.2%
6	Lakeview Av. & Buena Vista Av.	AWS	173.7	110.7	F	F	Not Applicable ⁵				195.4	137.7	F	F	Not Applicable ⁵				12.5%	24.4%
7	Kellogg Dr. & Imperial Highway EB Ramps	CSS	>200.0	64.6	F	F	Not Applicable ⁵				>200.0	72.1	F	F	Not Applicable ⁵				--	11.6%
8	Kellogg Dr. & Imperial Highway WB Ramps	TS	23.0	11.2	C	B	Not Applicable ⁶				33.2	11.3	C	B	Not Applicable ⁶				44.3%	0.9%
9	Plumosa Dr. & Bastanchury Rd.	TS	Not Applicable ⁴				0.419	0.394	A	A	Not Applicable ⁴				0.427	0.402	A	A	1.9%	2.0%
10	Lakeview Av. & Bastanchury Rd.	TS	Not Applicable ⁴				0.605	0.610	B	B	Not Applicable ⁴				0.615	0.618	B	B	1.7%	1.3%
11	Lakeview Av. & Lemon Dr.	TS	Not Applicable ⁴				0.324	0.369	A	A	Not Applicable ⁴				0.330	0.376	A	A	1.9%	1.9%
12	Lakeview Av. & Yorba Linda Bl.	TS	Not Applicable ⁴				0.723	0.624	C	B	Not Applicable ⁴				0.730	0.637	C	B	1.0%	2.1%
13	Ohio St. & Yorba Linda Bl.	TS	Not Applicable ⁴				0.354	0.405	A	A	Not Applicable ⁴				0.350	0.408	A	A	-1.1%	0.7%
14	Fairmont Bl. & Bastanchury Rd.	TS	Not Applicable ⁴				0.611	0.482	B	A	Not Applicable ⁴				0.616	0.490	B	A	0.8%	1.7%
15	Fairmont Bl. & Yorba Linda Bl.	TS	Not Applicable ⁴				0.596	0.574	A	A	Not Applicable ⁴				0.607	0.589	B	A	1.8%	2.6%
16	Weir Canyon Rd. & Savi Ranch Pkwy.	TS	Not Applicable ⁴				0.638	0.905	B	E	Not Applicable ⁴				0.652	0.926	B	E	2.2%	2.3%
17	Weir Canyon Rd. & SR-91 WB Ramps	TS	11.9	14.5	B	B	Not Applicable ⁶				12.4	14.4	B	B	Not Applicable ⁶				4.2%	-0.7%
18	Weir Canyon Rd. & SR-91 EB Ramps	TS	13.1	9.8	B	A	Not Applicable ⁶				13.1	9.7	B	A	Not Applicable ⁶				0.0%	-1.0%
19	Gypsum Canyon Rd. & La Palma Av.	TS	Not Applicable ⁵				0.654	0.861	B	D	Not Applicable ⁵				0.721	0.856	C	D	10.2%	-0.6%

* **BOLD** = Level of Service (LOS) does not meet the applicable jurisdictional requirements (i.e., unacceptable LOS).

L = Left; T = Through; R = Right; > = Right-Turn Overlap Phasing; >> = Free-Right Turn Lane; d= Defacto Right Turn Lane

¹ Per the Highway Capacity Manual (6th Edition), overall average intersection delay and level of service are shown for intersections with a traffic signal or all way stop control. For intersections with cross street stop control, the delay and level of service for the worst individual movement (or movements sharing a single lane) are shown.

² Intersection capacity utilization (ICU) methodology results are presented as a volume-to-capacity ratio.

³ AWS = All-way Stop; CSS = Cross-Street Stop; TS = Traffic Signal; **CSS** = Improvement

⁴ ICU reported for signalized intersections only.

⁵ HCM reported for unsignalized intersections only (also a Caltrans facility).

⁶ Although signalized, intersection is a Caltrans facility. Therefore, only HCM has been reported.

⁷ **Bold** text identifies locations and peak hours where the change in V/C meets the City's deficiency criteria.

TABLE 5-2: INTERSECTION ANALYSIS FOR HORIZON YEAR (2045) CONDITIONS WITH IMPROVEMENTS

#	Intersection	Traffic Control ⁴	Intersection Approach Lanes ¹												HCM Delay ² (sec)		Level of Service		ICU ³ (v/c)		Level of Service	
			Northbound			Southbound			Eastbound			Westbound			AM	PM	AM	PM	AM	PM	AM	PM
			L	T	R	L	T	R	L	T	R	L	T	R	L	T	R					
1	Rose Dr. & Imperial Highway																					
	Without Improvements	TS	2	2	1	2	2	1	1	3	0	2	3	1	Not Applicable ⁵		0.768	0.947	C	E		
	With Improvements ⁸	TS	2	2	1	2	2	1	1	3	0	2	3	1	Not Applicable ⁵		0.655	0.728	B	C		
2	Prospect Av. & Imperial Highway																					
	Without Improvements	TS	1	1	0	1	1	0	1	3	0	1	3	0	Not Applicable ⁵		0.964	0.742	E	C		
	With Improvements ¹¹	TS	1	1	0	1	1	0	1	3	0	1	3	0	Not Applicable ⁵		--	--	--	--		
5	Imperial Highway & Yorba Linda Bl.																					
	Without Improvements	TS	1	3	0	2	3	0	1	3	0	1	3	2>	Not Applicable ⁵		0.903	0.850	E	D		
	With Improvements ⁹	TS	1	3	0	2	3	0	1	3	0	1	3	2>	Not Applicable ⁵		0.884	0.864	D	D		
6	Lakeview Av. & Buena Vista Av.																					
	Without Improvements	AWS	1	1	1	1	2	0	1	1	0	1	1	0	195.4	137.7	F	F		Not Applicable ⁶		
	With Improvements	TS	1	1	1	1	2	0	1	1	0	1	1	0	Not Applicable ⁵		0.640	0.735	B	C		
7	Kellogg Dr. & Imperial Highway EB Ramps																					
	Without Improvements	CSS	0	2	0	1	2	0	1	0	1	0	0	0	>200.0	72.1	F	F		Not Applicable ⁶		
	With Improvements ⁷	TS	0	2	0	1	2	0	1	0	1	0	0	0	Not Applicable ⁵		0.702	0.499	C	A		
16	Weir Canyon Rd. & Savi Ranch Pkwy.																					
	Without Improvements	TS	1	3	1	1	3	1	1	0	2	2	0	2	Not Applicable ⁵		0.652	0.926	B	E		
	With Improvements ¹⁰	TS	1	3	1	1	3	1	1	0	2	3	0	2>	Not Applicable ⁵		0.625	0.867	B	D		

¹ When a right turn is designated, the lane can either be striped or unstriped. To function as a right turn lane there must be sufficient width for right turning vehicles to travel outside the through lanes.

L = Left; T = Through; R = Right; > = Right Turn Overlap Phasing; **1** = Improvement

² Per the Highway Capacity Manual (6th Edition), overall average intersection delay and level of service are shown for intersections with a traffic signal or all way stop control. For intersections with cross street stop control, the delay and level of service for the worst individual movement (or movements sharing a single lane) are shown.

³ Intersection capacity utilization (ICU) methodology results are presented as a volume-to-capacity ratio.

⁴ TS = Traffic Signal; AWS = All-Way Stop; CSS = Cross-Street Stop

⁵ ICU reported for signalized intersections only.

⁶ HCM reported for unsignalized intersections only.

⁷ Although signalized, intersection is a Caltrans facility. Therefore, only HCM has been reported.

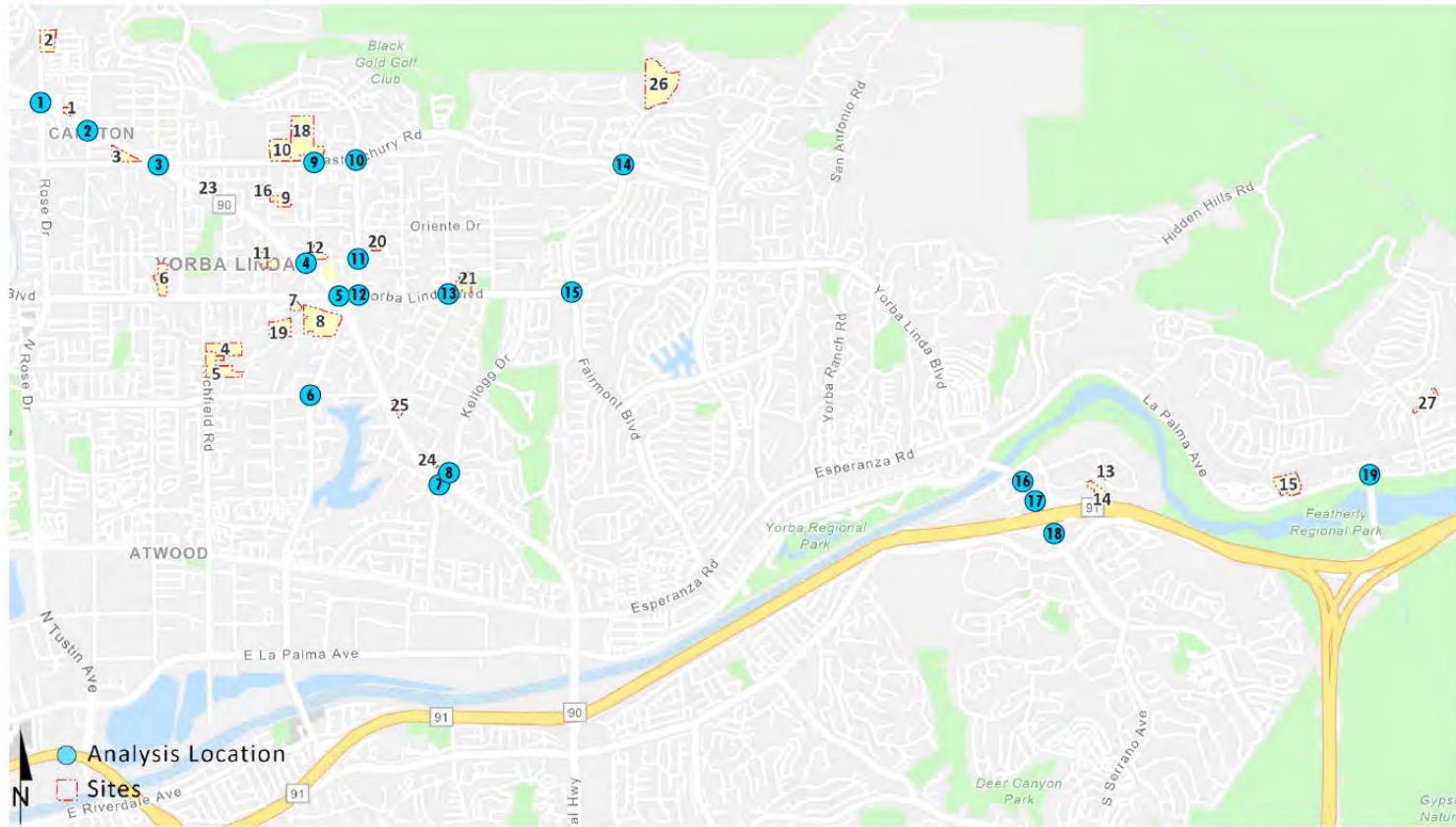
⁸ Modify signal phasing of SB/NB from Protected to split phasing

⁹ Modify signal phasing of EB/WB from Protected to split phasing

¹⁰ Modify signal phasing to provide overlapped phase

¹¹ No feasible solution

EXHIBIT 5-4: HORIZON YEAR (2045) INTERSECTION IMPROVEMENTS



1	2	5	6	7	16
Rose Dr. & Imperial Hwy. (SR-90)	Prospect Av. & Imperial Hwy. (SR-90)	Imperial Hwy. (SR-90) & Yorba Linda Bl.	Lakeview Av. & Buena Vista Av.	Kellogg Dr. & Imperial Hwy. (SR-90) SB Ramps	Yorba Linda Bl. & Savi Ranch Pkwy.

- = Existing Traffic Signal
- = Traffic Signal Improvement
- = All Way Stop
- RTO** = Right Turn Overlap
- = Channelized Yield
- 1** = Modify Traffic Signal to Provide NB/SB Split Phasing
- 2** = Modify Traffic Signal to Provide EB/WB Split Phasing
- 3** = No Feasible Solution
- = Lane Improvement

6 LOCAL AND REGIONAL FUNDING MECHANISMS

Transportation improvements within the City of Yorba Linda are funded through a combination of project mitigation, development impact fee programs or fair share contributions, such as the City of Yorba Linda Traffic Impact Fee (TIF) program. Identification and timing of needed improvements is determined through local jurisdictions based upon a variety of factors.

6.1 CITY OF YORBA LINDA TRAFFIC IMPACT FEE PROGRAM

The City of Yorba Linda has created its own local TIF program to impose and collect fees from new residential, commercial, office, and industrial development for the purpose of funding roadways and intersections necessary to accommodate City growth as identified in the City's General Plan Circulation Element. The fee schedule was adopted on June 15, 1993. The fee schedule and project transportation impacts fees are shown on Table 6-1. Under the City's TIF program, the City may grant to developers a credit against specific components of fees when those developers construct certain facilities and landscaped medians identified in the list of improvements funded by the TIF program.

The TIF fees is currently under City's review. Thus, the cost per unit as shown on Table 6-1 may change due to this review.

TABLE 6-1: CURRENT TRAFFIC IMPACT FEES

Fee Reference	Cost
Circulation (Streets, Signals, and Bridges) System:	
Residential	\$600/unit
Industrial	\$0.15/SF
Office	\$0.48/SF
Commercial	\$1.98/SF

The timing to use the TIF fees is established through periodic capital improvement programs which are overseen by the City's Public Works Department. Periodic traffic counts, review of traffic accidents, and a review of traffic trends throughout the City are also periodically performed by City staff and consultants. The City uses this data to determine the timing of implementing the improvements listed in its facilities list. The City also uses this data to ensure that the improvements listed on the facilities list are constructed before the LOS falls below the LOS performance standards adopted by the City. In this way, the improvements are constructed before the LOS falls below the City's LOS performance thresholds.

The Project Applicant will be subject to the City's TIF fee program and will pay the requisite City TIF fees at the rates then in effect pursuant to the City's ordinance. The Project Applicant's payment of the requisite TIF at the rates then in effect, pursuant to the City TIF Program, would satisfy the Project's proportional mitigation requirements at potentially affected TIF-funded facilities.

6.2 FAIR SHARE CONTRIBUTION

Project improvements may include a combination of fee payments to established programs (e.g., TIF), construction of specific improvements, payment of a fair share contribution toward future improvements or a combination of these approaches. Improvements constructed by development may be eligible for a fee credit or reimbursement through the program where appropriate (to be determined at the City of Yorba Linda’s discretion).

When off-site improvements are identified with a minor share of responsibility assigned to proposed development, the approving jurisdiction may elect to collect a fair share contribution or require the development to construct improvements. Detailed fair share calculations, for each peak hour, have been provided in Table 6-2 for the applicable deficient intersections shown previously in Table 1-4. Improvements included in a defined program and constructed by development may be eligible for a fee credit or reimbursement through the program where appropriate. The cost and scope of the improvements will be developed in conjunction with the TIF Update.

TABLE 6-2: PROJECT FAIR SHARE CALCULATIONS

#	Intersection	Horizon Year				Project % of New Traffic	
		Existing	Project Only	(2045) With Project	Net New Traffic		
1	Rose Dr. & Imperial Highway	AM:	4,221	100	4,730	509	19.6%
		PM:	4,806	120	5,311	505	23.8%
2	Prospect Av. & Imperial Highway	AM:	4,395	126	4,940	545	23.1%
		PM:	4,321	122	4,801	480	25.5%
5	Imperial Highway & Yorba Linda Bl.	AM:	4,664	31	5,000	336	9.2%
		PM:	5,231	37	5,559	328	11.3%
6	Lakeview Av. & Buena Vista Av.	AM:	1,746	69	2,080	334	20.7%
		PM:	1,671	119	2,020	349	34.1%
7	Kellogg Dr. & Imperial Highway EB Ramps	AM:	1,609	100	1,840	231	43.3%
		PM:	1,248	51	1,310	62	82.3%
16	Weir Canyon Rd. & Savi Ranch Pkwy.	AM:	4,135	118	4,648	513	23.1%
		PM:	5,356	152	5,951	595	25.5%

BOLD = Denotes highest fair share percentage.

7 VEHICLE MILES TRAVELED

The VMT report has been prepared under a separate cover.

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8 REFERENCES

1. **Husch, David and Albeck, John.** *Intersection Capacity Utilization: Evaluation Procedures for Intersections and Interchanges*. Albany, California : Trafficware, 2003 Edition.
2. **Transportation Research Board.** *Highway Capacity Manual (HCM)*. 6th Edition. Washington, D.C. : National Academy of Sciences, 2016. 978-0-309-16077-3.
3. **California Department of Transportation.** California Manual on Uniform Traffic Control Devices (CA MUTCD). [book auth.] California Department of Transportation. *California Manual on Uniform Traffic Control Devices (CA MUTCD)*. 2014, Updated March 30, 2021 (Revision 6).
4. **The City of Yorba Linda.** *City of Yorba Linda TIA Guidelines*. Yorba Linda : s.n., May 2020.

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APPENDIX 1.1: APPROVED TRAFFIC STUDY SCOPING AGREEMENT

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March 4, 2022

Mr. Tony Wang
City of Yorba Linda
4845 Casa Loma Avenue
Yorba Linda, CA 92886

SUBJECT: YORBA LINDA HOUSING ELEMENT & GENERAL PLAN UPDATE TRAFFIC ANALYSIS SCOPING AGREEMENT

Dear Mr. Tony Wang:

The firm of Urban Crossroads, Inc. is pleased to submit this scoping letter regarding the traffic analysis for Yorba Linda Housing Element & General Plan Update (**Project**), located in the City of Yorba Linda. This letter describes the proposed analysis methodology that has been used to establish the draft proposed Project study area and analysis locations.

PROJECT DESCRIPTION

The Yorba Linda 2021 – 2029 Draft Housing Element traffic study will analyze and identify potential traffic-related deficiencies resulting from the rezoning and revised General Plan land use development assumptions necessary to address the City of Yorba Linda’s regional housing needs assessment (RHNA) allocation. The Housing Element proposes a rezoning program of 25 vacant or underutilized sites for multi-family residential use at densities of 10 to 35 units to the acre. The Yorba Linda 2021 – 2029 Draft Housing Element will revise the General Plan land use and development intensities for the 25 sites to accommodate approximately 2,100 additional dwelling units for a total of 2,410 dwelling units (including the existing zoning).

The traffic study will evaluate the proposed development intensities expected for the 25 sites and assess the potential traffic deficiencies that result from the implementation of the rezoning and changes to land use. Exhibit 1 identifies the locations of each of the Housing Element sites summarized on Table 2. Detailed locations of each site are provided in Attachment A.

EXHIBIT 1: HOUSING ELEMENT SITE LOCATION MAP

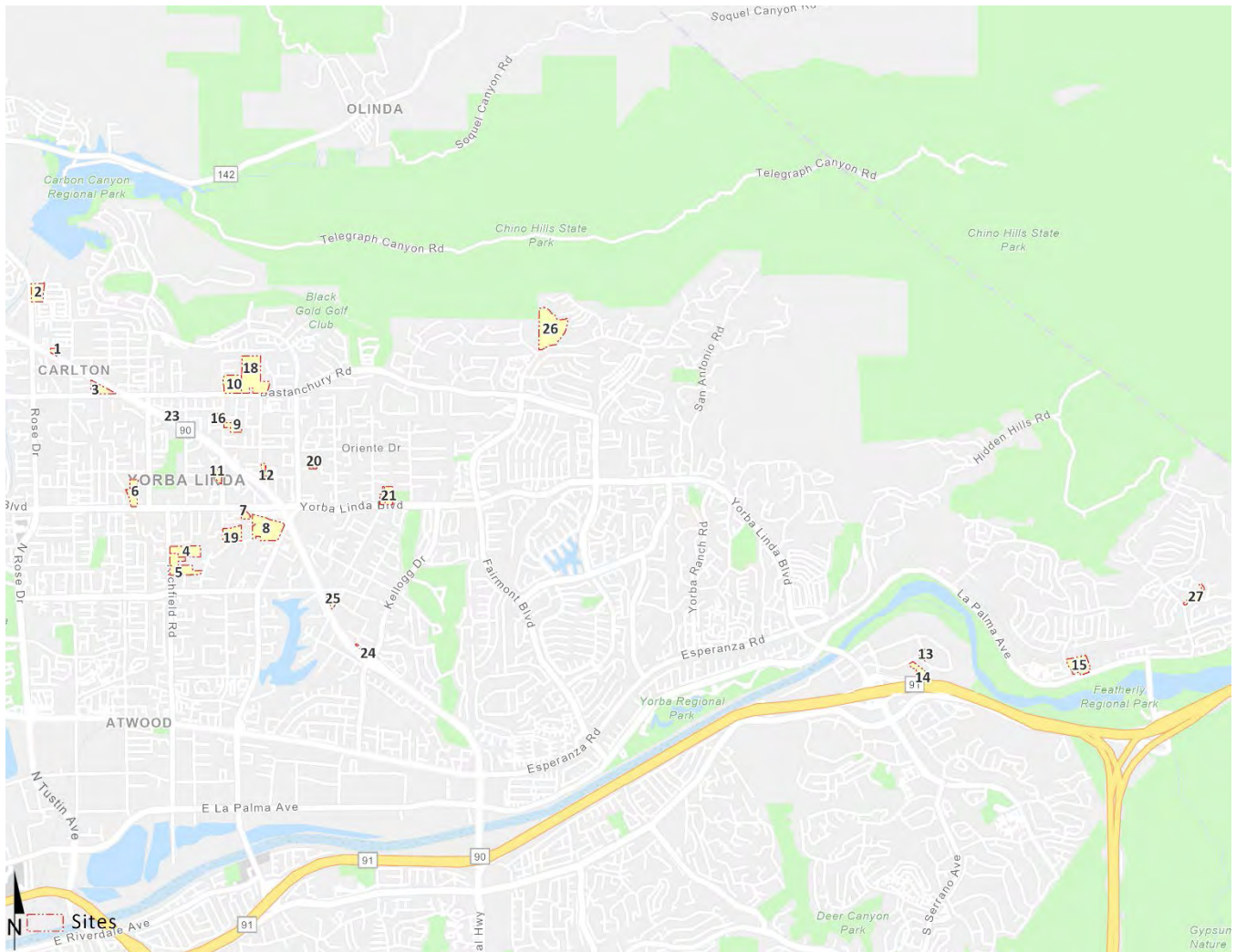


TABLE 2: SUMMARY OF HOUSING ELEMENT SITES

#	HE Site ID	Site	Current Zoning	Proposed Zoning	Acres	Total Net Unit Potential
1	S1-021	W. of 16951 Imperial Highway	CG	Commercial Mixed Use Overlay	1.76	62
2	S1-200	SEC Rose Dr. & Blake Rd.	RE	RM-20 w/ Affordable Overlay	5.94	208
3	S2-008	17151 Bastanchury Rd.	RE	Congregational Land Overlay	4.92	60
4	S3-012	5320 Richfield Rd.	RU	Congregational Land Overlay	9.48	55
5	S3-207	5300-5392 Richfield Rd.	RU	RM-20 w/ Affordable Overlay	9.7	340
6	S2-013	4861 Liverpool St.	RU	Congregational Land Overlay	6.2	40
7	S3-074	18132 Yorba Linda Bl.	CG	RM-20 w/ Affordable Overlay	0.42	15
8	S3-024	Friends Church Overflow Parking	RE	Congregational Land Overlay	17.45	48
9	S3-033	4382 Eureka Av.	RS	Congregational Land Overlay	3.88	30
10	S3-210	18111 Bastanchury Rd.	PD-26	Congregational Land Overlay	9.23	105
11	S3-082	4791 & 4811 Eureka Av.	CG	RM-20 w/ Affordable Overlay	1.75	61
12	S4-075	4742 Plumosa Dr.	CG	RM-20 w/ Affordable Overlay	1.62	57
13	S6-015	22722 Old Canal Rd.	PD	Affordable Housing Overlay	2.56	89
14	S6-020	22711 Oak Crest Circle	PD	RM-20 w/ Affordable Housing Overlay	10.35	143
15	S7-001	Bryant Ranch Shopping Center	CG	Commercial Mixed Use Overlay	9.15	320
16	S3-034	4341 Eureka Av.	RS	RM	2.19	22
18	S3-203	18101-18251 Bastanchury Rd.	PD	PD	22.83	228
19	S3-205A	5225 & 5227 Highland Av.	RE	RM	7.08	71
20	S4-200	18597-18602 Altrudy Ln.	RS	RM-20	2	40
21	S4-204A	19045 Yorba Linda Bl.	RE	Congregational Land Overlay	1.85	17
	S4-204B	19081-19111 Yorba Linda Bl.	RE	RM-20	3.9	78
23	S3-211	17651 Imperial Highway	RS	RM	2.32	23
24	S4-053	SWC of Kellogg Dr. & Grandview Av.	RE	RM	0.98	10
25	S4-060	5541 S. Ohio St.	RE	RM	0.96	10
	S4-201	5531 S. Ohio St.	RE	RM	1.82	18
26	S5-008	Fairmont Bl.	PD	RM	23.01	230
27	S7-005	NEC of Camino del Bryant & Meadowland	RU	RM	3.06	30
TOTAL					166.41	2,410

ANALYSIS SCENARIOS

Consistent with the City’s Guidelines (Traffic Impact Analysis (TIA) Guidelines, May 2020), intersection analysis will be provided for the following analysis scenarios:

- Existing (2022) Conditions
- Horizon Year (2045) Without Project
- Horizon Year (2045) With Project (Preferred Project)
- Optional: Horizon Year (2045) With Project (Up to 2 Alternatives)

All study area intersections will be evaluated using the Highway Capacity Manual (HCM) 6th Edition and Intersection Capacity Utilization (ICU) methodologies. ICU calculations shall use 1,700 vehicles per hour as the capacity.

The Without Project scenario represents the currently adopted land use intensities based on the City of Yorba Linda General Plan as well as key cumulative development projects in the Cities of Yorba Linda and Brea. The With Project scenario reflects buildout of the proposed Draft Housing Element (i.e., rezoning of the 27 vacant or underutilized sites to multi-family residential use with densities ranging from 10 to

30 units to the acre). Specifically, the latest version of the OCTAM traffic model will be updated to include the proposed zoning changes (for the Preferred Project, plus 2 Alternatives). The study area that is proposed to be evaluated is shown on Exhibit 2 and listed on Table 3.

EXHIBIT 2: STUDY AREA

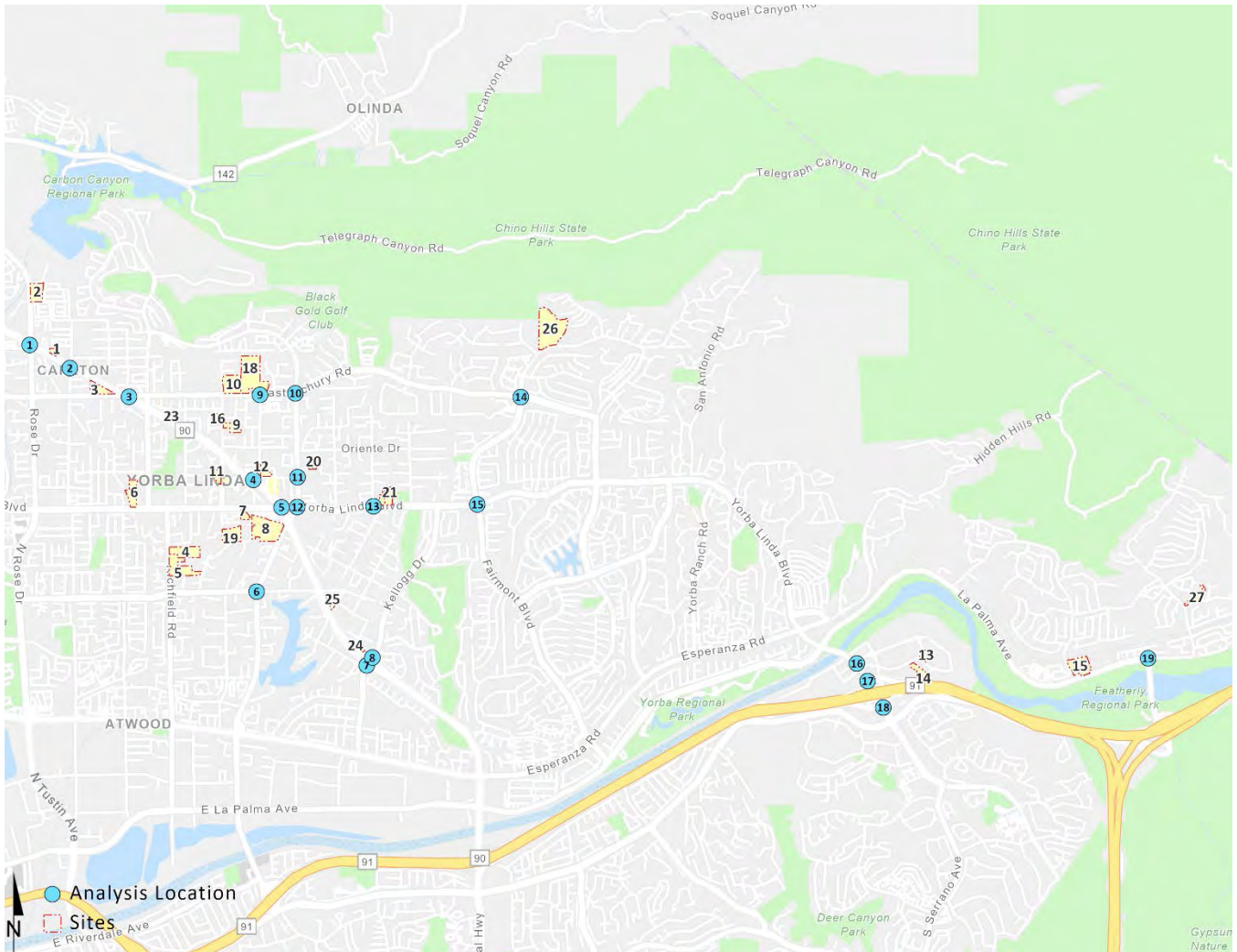


TABLE 3: LIST OF STUDY AREA INTERSECTIONS

#	Intersections
1	Rose Dr. & Imperial Highway
2	Prospect Av. & Imperial Highway
3	Imperial Highway & Bastanchury Rd.
4	Imperial Highway & Lemon Dr.
5	Imperial Highway & Yorba Linda Bl.
6	Lakeview Av. & Buena Vista Av.
7	Imperial Highway SB Ramps & Kellogg Dr.
8	Imperial Highway NB Ramps & Kellogg Dr.
9	Plumosa Dr. & Bastanchury Rd.
10	Lakeview Av. & Bastanchury Rd.
11	Lakeview Av. & Lemon Dr.
12	Lakeview Av. & Yorba Linda Bl.
13	Ohio St. & Yorba Linda Bl.
14	Fairmont Bl. & Bastanchury Rd.
15	Fairmont Bl. & Yorba Linda Bl.
16	Yorba Linda Bl. & Savi Ranch Pkwy.
17	Yorba Linda Bl. & SR-91 WB Ramps
18	Yorba Linda Bl. & SR-91 EB Ramps
19	Gypsum Canyon Rd. & La Palma Av.

TRAFFIC COUNTS

Traffic counts (classified by vehicle type) will be conducted during a typical Tuesday, Wednesday, or Thursday when local schools are in session and operating on a typical bell schedule. No adjustments are proposed to the new traffic counts for the baseline traffic condition.

TRANSPORTATION EFFECTS

Per the City’s Guidelines: The project traffic volumes resulting in a 1% increase in the volume-to-capacity ratio of a deficient intersection (LOS E or F) as compared to the No Project condition will require intersection improvements. Any study intersection that identifies a deficiency based on the City’s Guidelines will also identify intersection improvements needed to maintain acceptable LOS. The fair share cost for the identified improvements in the cumulative condition will also be calculated.

Mr. Tony Wang
City of Yorba Linda
March 4, 2022
Page 6 of 6

VEHICLE MILES TRAVELED (VMT)

Up to 27 housing element sites (a total of 15 sites were originally scoped for this effort) will be evaluated as part of a “project level” VMT analysis comparing VMT per service population for the proposed Housing Element to the City’s adopted VMT impact thresholds as described in the City Guidelines.

VMT per service population will be calculated for the following analysis scenarios:

- Baseline (2016) With Project (Housing Element sites) Conditions (using the OCTAM 2016 base year model)
- Horizon Year (2045) With Project (using the OCTAM 2045 cumulative year model)

If potential impacts are identified, Urban Crossroads will provide a list of potential VMT reduction measures consistent with the Handbook for Analyzing Greenhouse Gas Emission Reductions, Assessing Climate Vulnerabilities, and Advancing Health and Equity (CAPCOA 2021). As this analysis is in support of a programmatic level environmental document, the list of mitigation measures will be provided that are applicable to residential development projects, however, future implementing projects will need to conduct its own project-level VMT analysis and if required VMT reduction mitigation as needed to achieve the City of Yorba Linda’s impact thresholds.

Urban Crossroads, Inc. is pleased to submit this letter documenting the scoping assumptions for the Yorba Linda Housing Element & General Plan Update. If you have any questions, please contact me directly at (949) 861-0177.

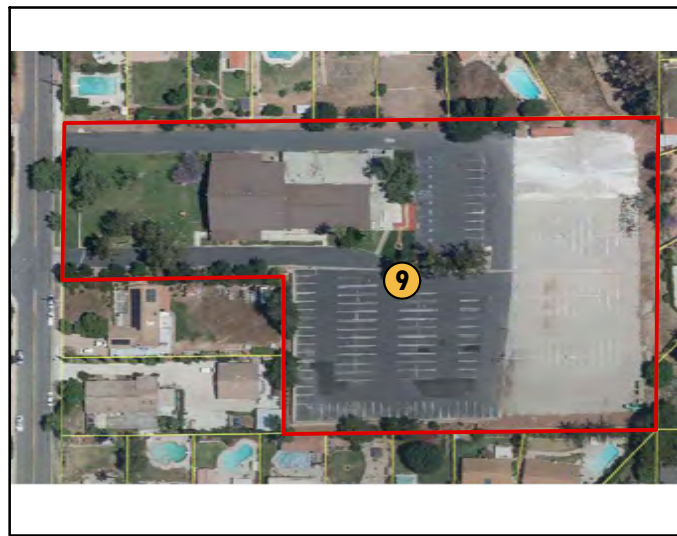
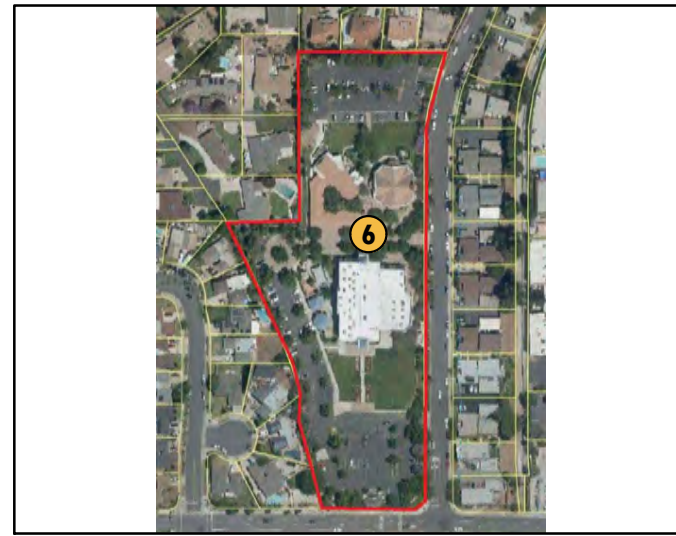
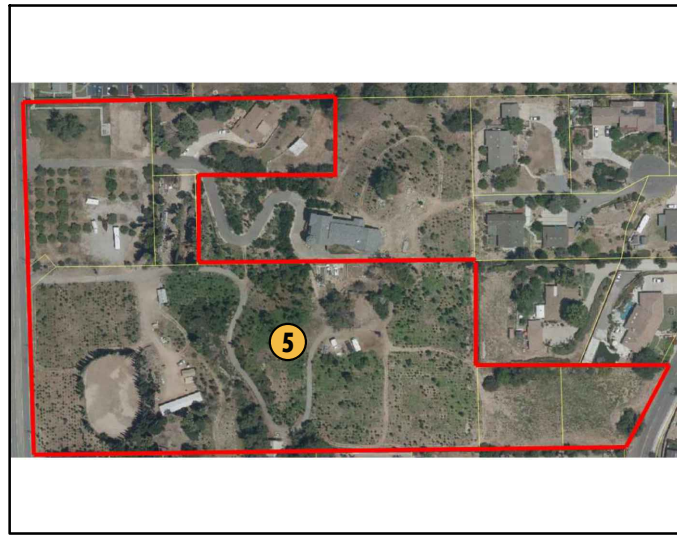
Respectfully submitted,

URBAN CROSSROADS, INC.

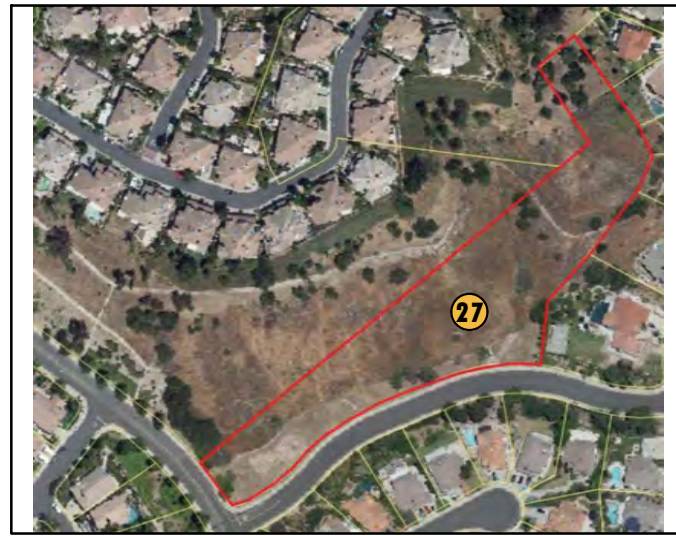
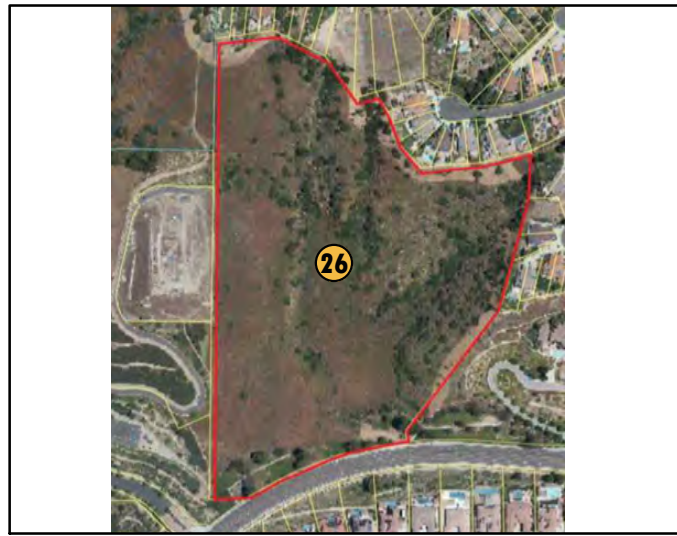


Charlene So, PE
Principal

ATTACHMENT A: LOCATIONS OF HOUSING ELEMENT SITES







APPENDIX 4.1: TRAFFIC COUNTS – MARCH 2022

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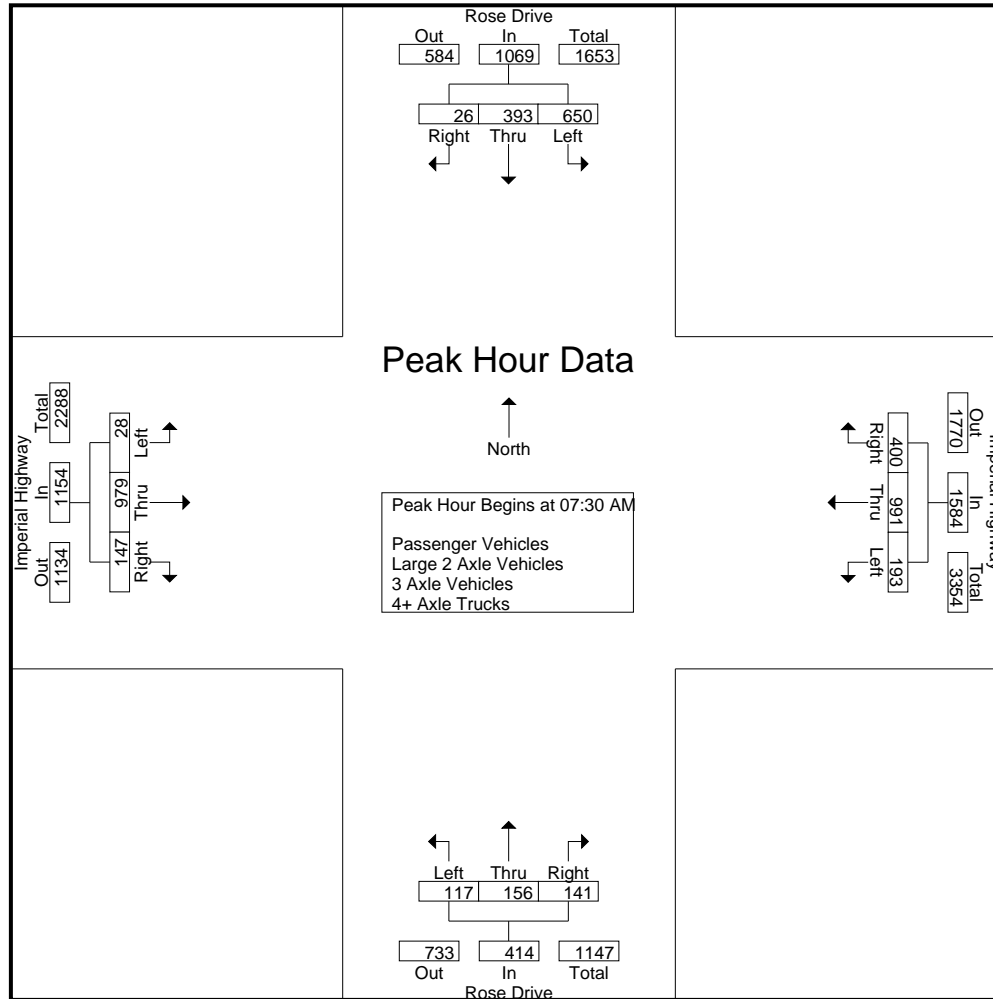
City of Placentia
 N/S: Rose Drive
 E/W: Imperial Highway
 Weather: Clear

File Name : 01_PLA_Rose_Imp AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

Start Time	Rose Drive Southbound					Imperial Highway Westbound					Rose Drive Northbound					Imperial Highway Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	108	124	3	0	235	30	181	61	16	272	22	30	25	12	77	1	172	29	3	202	31	786	817
07:15 AM	131	96	5	3	232	46	207	82	25	335	23	25	14	8	62	4	228	30	4	262	40	891	931
07:30 AM	177	112	5	1	294	72	245	102	30	419	23	24	40	23	87	5	298	39	0	342	54	1142	1196
07:45 AM	178	103	5	1	286	39	256	97	29	392	33	46	38	25	117	6	266	41	2	313	57	1108	1165
Total	594	435	18	5	1047	187	889	342	100	1418	101	125	117	68	343	16	964	139	9	1119	182	3927	4109
08:00 AM	163	88	8	6	259	38	255	112	28	405	26	46	29	18	101	12	203	40	11	255	63	1020	1083
08:15 AM	132	90	8	5	230	44	235	89	29	368	35	40	34	22	109	5	212	27	6	244	62	951	1013
08:30 AM	177	76	4	0	257	27	238	102	26	367	40	32	20	8	92	7	205	36	8	248	42	964	1006
08:45 AM	133	74	6	4	213	44	212	81	30	337	33	41	23	13	97	4	180	35	13	219	60	866	926
Total	605	328	26	15	959	153	940	384	113	1477	134	159	106	61	399	28	800	138	38	966	227	3801	4028
Grand Total	1199	763	44	20	2006	340	1829	726	213	2895	235	284	223	129	742	44	1764	277	47	2085	409	7728	8137
Apprch %	59.8	38	2.2			11.7	63.2	25.1			31.7	38.3	30.1			2.1	84.6	13.3					
Total %	15.5	9.9	0.6		26	4.4	23.7	9.4		37.5	3	3.7	2.9		9.6	0.6	22.8	3.6		27	5	95	
Passenger Vehicles	1186	753	42		2001	327	1787	716		3042	226	277	219		850	43	1686	265		2041	0	0	7934
% Passenger Vehicles	98.9	98.7	95.5	100	98.8	96.2	97.7	98.6	99.5	97.9	96.2	97.5	98.2	99.2	97.6	97.7	95.6	95.7	100	95.7	0	0	97.5
Large 2 Axle Vehicles	12	5	1		18	12	26	8		46	7	4	2		13	1	44	10		55	0	0	132
% Large 2 Axle Vehicles	1	0.7	2.3	0	0.9	3.5	1.4	1.1	0	1.5	3	1.4	0.9	0	1.5	2.3	2.5	3.6	0	2.6	0	0	1.6
3 Axle Vehicles	0	4	1		5	0	7	2		10	2	3	2		8	0	13	2		15	0	0	38
% 3 Axle Vehicles	0	0.5	2.3	0	0.2	0	0.4	0.3	0.5	0.3	0.9	1.1	0.9	0.8	0.9	0	0.7	0.7	0	0.7	0	0	0.5
4+ Axle Trucks	1	1	0		2	1	9	0		10	0	0	0		0	0	21	0		21	0	0	33
% 4+ Axle Trucks	0.1	0.1	0	0	0.1	0.3	0.5	0	0	0.3	0	0	0	0	0	0	1.2	0	0	1	0	0	0.4

Start Time	Rose Drive Southbound				Imperial Highway Westbound				Rose Drive Northbound				Imperial Highway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	177	112	5	294	72	245	102	419	23	24	40	87	5	298	39	342	1142
07:45 AM	178	103	5	286	39	256	97	392	33	46	38	117	6	266	41	313	1108
08:00 AM	163	88	8	259	38	255	112	405	26	46	29	101	12	203	40	255	1020
08:15 AM	132	90	8	230	44	235	89	368	35	40	34	109	5	212	27	244	951
Total Volume	650	393	26	1069	193	991	400	1584	117	156	141	414	28	979	147	1154	4221
% App. Total	60.8	36.8	2.4		12.2	62.6	25.3		28.3	37.7	34.1		2.4	84.8	12.7		
PHF	.913	.877	.813	.909	.670	.968	.893	.945	.836	.848	.881	.885	.583	.821	.896	.844	.924



City of Placentia
 N/S: Rose Drive
 E/W: Imperial Highway
 Weather: Clear

File Name : 01_PLA_Rose_Imp AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Rose Drive Southbound				Imperial Highway Westbound				Rose Drive Northbound				Imperial Highway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:15 AM				07:30 AM				07:45 AM				07:15 AM				
+0 mins.	131	96	5	232	72	245	102	419	33	46	38	117	4	228	30	262	
+15 mins.	177	112	5	294	39	256	97	392	26	46	29	101	5	298	39	342	
+30 mins.	178	103	5	286	38	255	112	405	35	40	34	109	6	266	41	313	
+45 mins.	163	88	8	259	44	235	89	368	40	32	20	92	12	203	40	255	
Total Volume	649	399	23	1071	193	991	400	1584	134	164	121	419	27	995	150	1172	
% App. Total	60.6	37.3	2.1		12.2	62.6	25.3		32	39.1	28.9		2.3	84.9	12.8		
PHF	.912	.891	.719	.911	.670	.968	.893	.945	.838	.891	.796	.895	.563	.835	.915	.857	

City of Placentia
 N/S: Rose Drive
 E/W: Imperial Highway
 Weather: Clear

File Name : 01_PLA_Rose_Imp AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

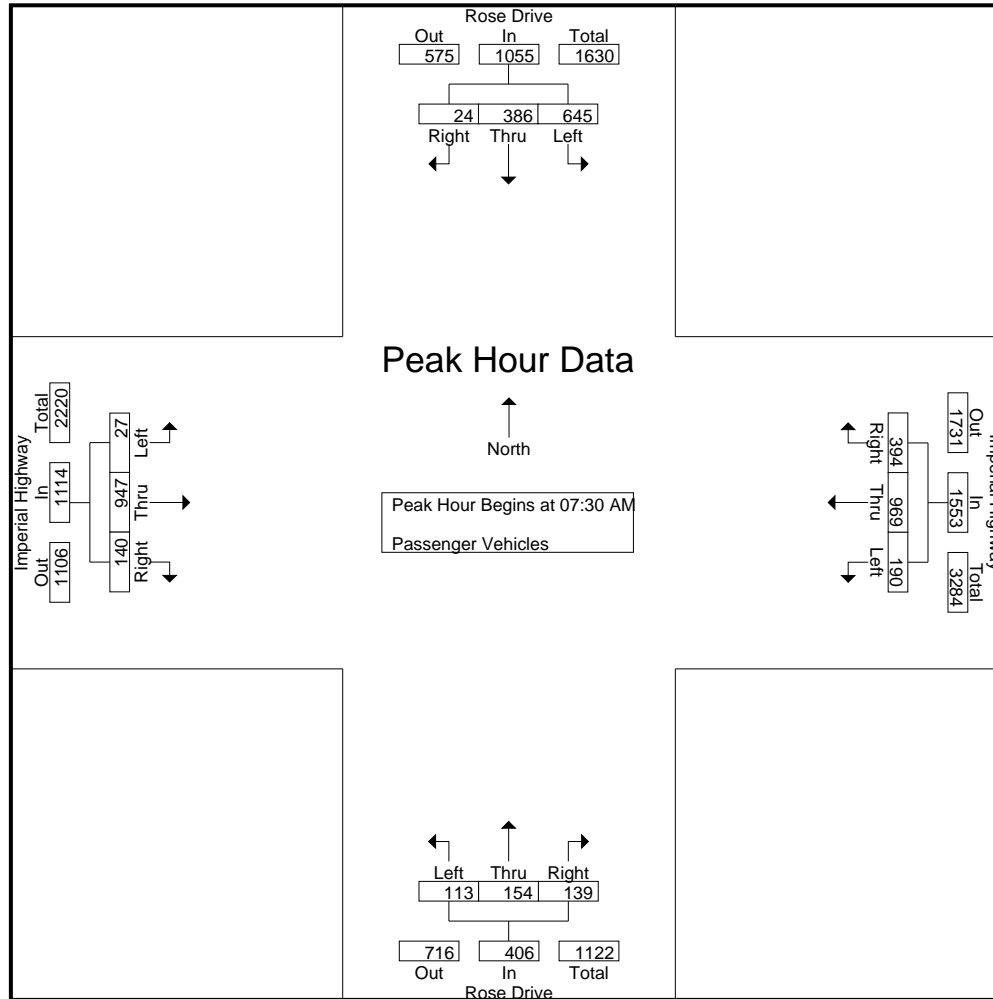
Groups Printed- Passenger Vehicles

Start Time	Rose Drive Southbound					Imperial Highway Westbound					Rose Drive Northbound					Imperial Highway Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	106	124	3	0	233	30	181	61	16	272	22	28	25	12	75	1	161	29	3	191	31	771	802
07:15 AM	129	95	5	3	229	43	202	79	25	324	22	25	13	8	60	4	219	28	4	251	40	864	904
07:30 AM	177	109	5	1	291	71	239	101	30	411	22	24	40	23	86	5	290	36	0	331	54	1119	1173
07:45 AM	175	101	4	1	280	39	249	94	29	382	33	46	36	24	115	6	259	41	2	306	56	1083	1139
Total	587	429	17	5	1033	183	871	335	100	1389	99	123	114	67	336	16	929	134	9	1079	181	3837	4018
08:00 AM	161	88	8	6	257	37	253	112	28	402	23	46	29	18	98	12	192	37	11	241	63	998	1061
08:15 AM	132	88	7	5	227	43	228	87	28	358	35	38	34	22	107	4	206	26	6	236	61	928	989
08:30 AM	174	75	4	0	253	27	231	102	26	360	38	29	19	8	86	7	195	33	8	235	42	934	976
08:45 AM	132	73	6	4	211	37	204	80	30	321	31	41	23	13	95	4	164	35	13	203	60	830	890
Total	599	324	25	15	948	144	916	381	112	1441	127	154	105	61	386	27	757	131	38	915	226	3690	3916
Grand Total	1186	753	42	20	1981	327	1787	716	212	2830	226	277	219	128	722	43	1686	265	47	1994	407	7527	7934
Apprch %	59.9	38	2.1			11.6	63.1	25.3			31.3	38.4	30.3			2.2	84.6	13.3					
Total %	15.8	10	0.6		26.3	4.3	23.7	9.5		37.6	3	3.7	2.9		9.6	0.6	22.4	3.5		26.5	5.1	94.9	

Start Time	Rose Drive Southbound				Imperial Highway Westbound				Rose Drive Northbound				Imperial Highway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	177	109	5	291	71	239	101	411	22	24	40	86	5	290	36	331	1119
07:45 AM	175	101	4	280	39	249	94	382	33	46	36	115	6	259	41	306	1083
08:00 AM	161	88	8	257	37	253	112	402	23	46	29	98	12	192	37	241	998
08:15 AM	132	88	7	227	43	228	87	358	35	38	34	107	4	206	26	236	928
Total Volume	645	386	24	1055	190	969	394	1553	113	154	139	406	27	947	140	1114	4128
% App. Total	61.1	36.6	2.3		12.2	62.4	25.4		27.8	37.9	34.2		2.4	85	12.6		
PHF	.911	.885	.750	.906	.669	.958	.879	.945	.807	.837	.869	.883	.563	.816	.854	.841	.922

City of Placentia
 N/S: Rose Drive
 E/W: Imperial Highway
 Weather: Clear

File Name : 01_PLA_Rose_Imp AM
 Site Code : 05122223
 Start Date : 3/15/2022
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City of Placentia
 N/S: Rose Drive
 E/W: Imperial Highway
 Weather: Clear

File Name : 01_PLA_Rose_Imp AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Rose Drive Southbound				Imperial Highway Westbound				Rose Drive Northbound				Imperial Highway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:30 AM				07:30 AM				07:30 AM				07:30 AM				
+0 mins.	177	109	5	291	71	239	101	411	22	24	40	86	5	290	36	331	
+15 mins.	175	101	4	280	39	249	94	382	33	46	36	115	6	259	41	306	
+30 mins.	161	88	8	257	37	253	112	402	23	46	29	98	12	192	37	241	
+45 mins.	132	88	7	227	43	228	87	358	35	38	34	107	4	206	26	236	
Total Volume	645	386	24	1055	190	969	394	1553	113	154	139	406	27	947	140	1114	
% App. Total	61.1	36.6	2.3		12.2	62.4	25.4		27.8	37.9	34.2		2.4	85	12.6		
PHF	.911	.885	.750	.906	.669	.958	.879	.945	.807	.837	.869	.883	.563	.816	.854	.841	

City of Placentia
 N/S: Rose Drive
 E/W: Imperial Highway
 Weather: Clear

File Name : 01_PLA_Rose_Imp AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

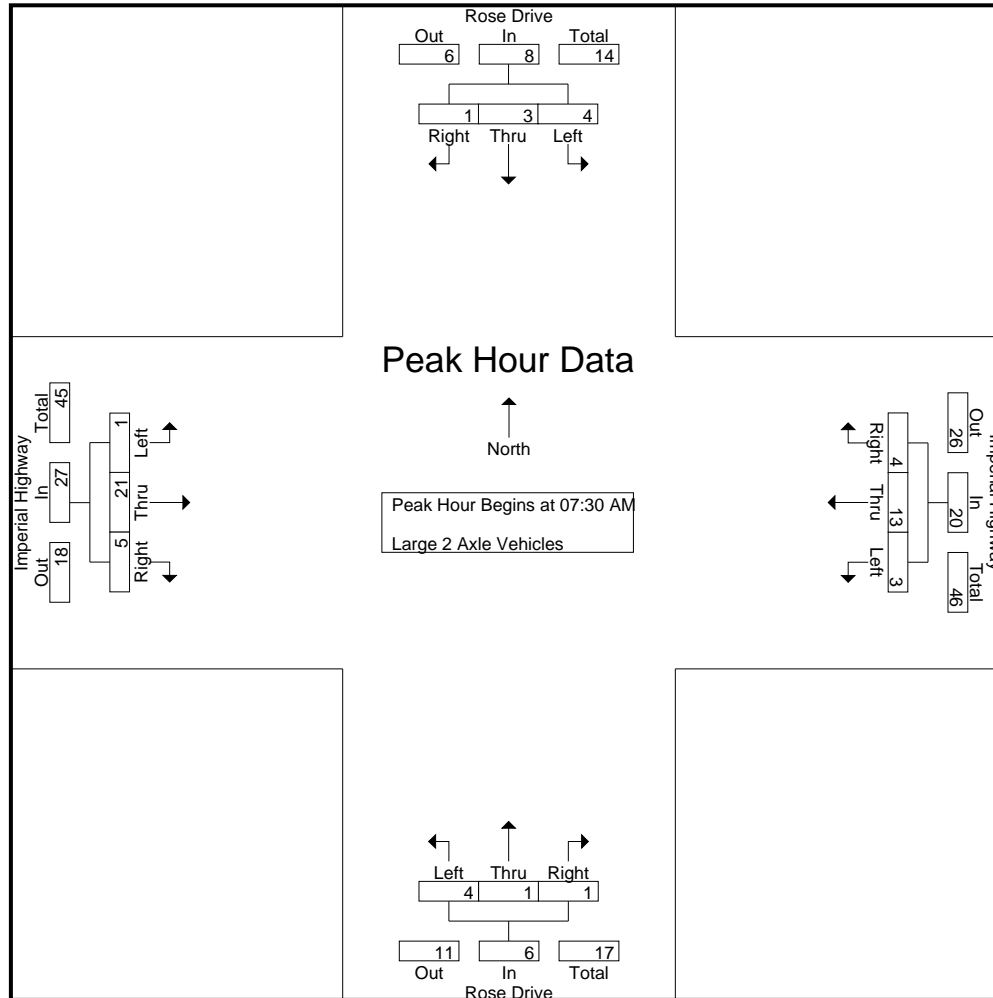
Groups Printed- Large 2 Axle Vehicles

Start Time	Rose Drive Southbound					Imperial Highway Westbound					Rose Drive Northbound					Imperial Highway Eastbound					Exclu. Total	Inclu. Total	Int. Total	
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total				
07:00 AM	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	6	6
07:15 AM	2	0	0	0	2	2	3	3	0	8	0	0	0	0	0	0	5	2	0	7	0	17	17	17
07:30 AM	0	1	0	0	1	1	6	1	0	8	1	0	0	0	1	0	5	3	0	8	0	18	18	18
07:45 AM	2	1	0	0	3	0	4	3	0	7	0	0	1	0	1	0	6	0	0	6	0	17	17	17
Total	6	2	0	0	8	3	13	7	0	23	1	0	1	0	2	0	20	5	0	25	0	58	58	58
08:00 AM	2	0	0	0	2	1	0	0	0	1	3	0	0	0	3	0	7	1	0	8	0	14	14	14
08:15 AM	0	1	1	0	2	1	3	0	0	4	0	1	0	0	1	1	3	1	0	5	0	12	12	12
08:30 AM	3	1	0	0	4	0	5	0	0	5	1	3	1	0	5	0	8	3	0	11	0	25	25	25
08:45 AM	1	1	0	0	2	7	5	1	0	13	2	0	0	0	2	0	6	0	0	6	0	23	23	23
Total	6	3	1	0	10	9	13	1	0	23	6	4	1	0	11	1	24	5	0	30	0	74	74	74
Grand Total	12	5	1	0	18	12	26	8	0	46	7	4	2	0	13	1	44	10	0	55	0	132	132	132
Apprch %	66.7	27.8	5.6			26.1	56.5	17.4			53.8	30.8	15.4			1.8	80	18.2						
Total %	9.1	3.8	0.8		13.6	9.1	19.7	6.1		34.8	5.3	3	1.5		9.8	0.8	33.3	7.6		41.7	0	100		

Start Time	Rose Drive Southbound				Imperial Highway Westbound				Rose Drive Northbound				Imperial Highway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	1	0	1	1	6	1	8	1	0	0	1	0	5	3	8	18
07:45 AM	2	1	0	3	0	4	3	7	0	0	1	1	0	6	0	6	17
08:00 AM	2	0	0	2	1	0	0	1	3	0	0	3	0	7	1	8	14
08:15 AM	0	1	1	2	1	3	0	4	0	1	0	1	1	3	1	5	12
Total Volume	4	3	1	8	3	13	4	20	4	1	1	6	1	21	5	27	61
% App. Total	50	37.5	12.5		15	65	20		66.7	16.7	16.7		3.7	77.8	18.5		
PHF	.500	.750	.250	.667	.750	.542	.333	.625	.333	.250	.250	.500	.250	.750	.417	.844	.847

City of Placentia
 N/S: Rose Drive
 E/W: Imperial Highway
 Weather: Clear

File Name : 01_PLA_Rose_Imp AM
 Site Code : 05122223
 Start Date : 3/15/2022
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City of Placentia
 N/S: Rose Drive
 E/W: Imperial Highway
 Weather: Clear

File Name : 01_PLA_Rose_Imp AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Rose Drive Southbound				Imperial Highway Westbound				Rose Drive Northbound				Imperial Highway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:30 AM				07:30 AM				07:30 AM				07:30 AM				
+0 mins.	0	1	0	1	1	6	1	8	1	0	0	1	0	5	3	8	
+15 mins.	2	1	0	3	0	4	3	7	0	0	1	1	0	6	0	6	
+30 mins.	2	0	0	2	1	0	0	1	3	0	0	3	0	7	1	8	
+45 mins.	0	1	1	2	1	3	0	4	0	1	0	1	1	3	1	5	
Total Volume	4	3	1	8	3	13	4	20	4	1	1	6	1	21	5	27	
% App. Total	50	37.5	12.5		15	65	20		66.7	16.7	16.7		3.7	77.8	18.5		
PHF	.500	.750	.250	.667	.750	.542	.333	.625	.333	.250	.250	.500	.250	.750	.417	.844	

City of Placentia
 N/S: Rose Drive
 E/W: Imperial Highway
 Weather: Clear

File Name : 01_PLA_Rose_Imp AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

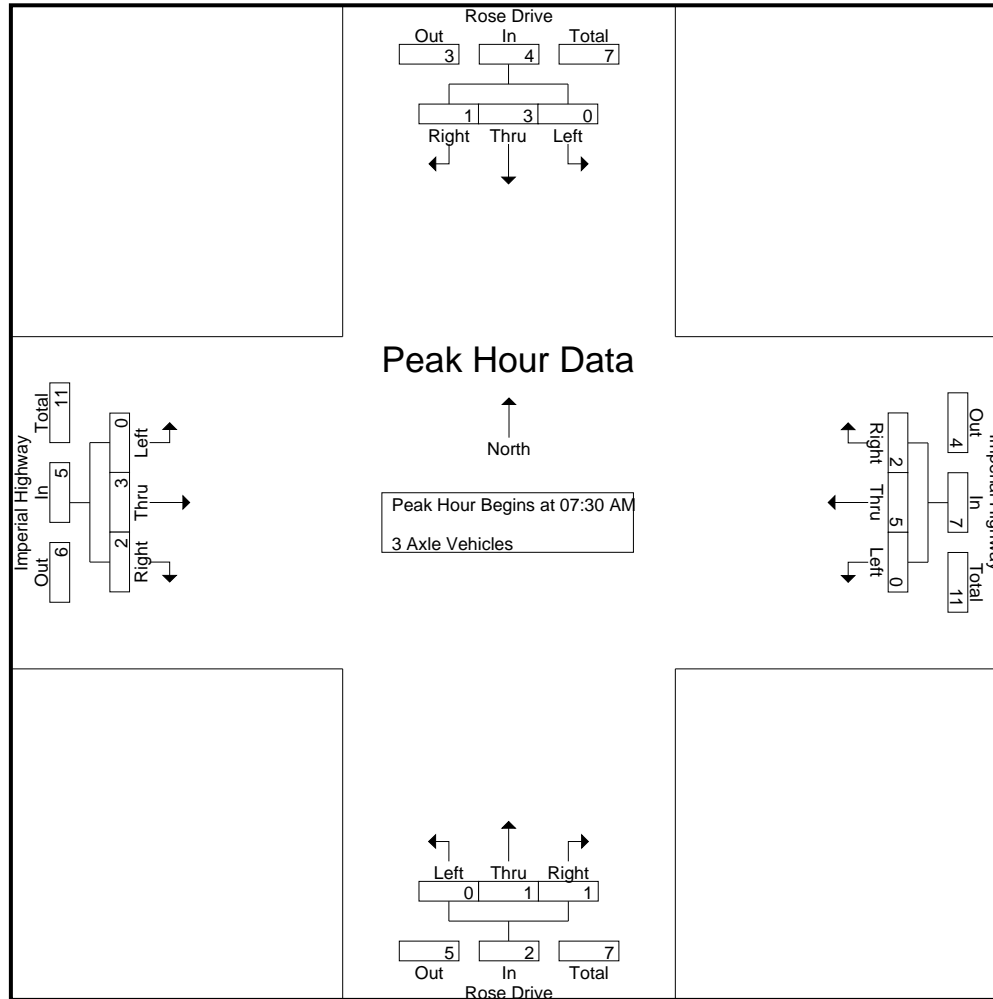
Groups Printed- 3 Axle Vehicles

Start Time	Rose Drive Southbound					Imperial Highway Westbound					Rose Drive Northbound					Imperial Highway Eastbound					Exclu. Total	Inclu. Total	Int. Total				
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total							
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	2	2	0	0	2
07:15 AM	0	1	0	0	1	0	1	0	0	1	1	0	1	0	2	0	1	0	0	1	0	0	0	0	0	5	5
07:30 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2	2
07:45 AM	0	1	1	0	2	0	2	0	0	2	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	5	6
Total	0	3	1	0	4	0	3	0	0	3	1	2	2	1	5	0	2	0	0	2	0	0	0	0	1	14	15
08:00 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2	2	0	4	0	0	0	0	0	5	5
08:15 AM	0	1	0	0	1	0	2	2	1	4	0	1	0	0	1	0	0	0	0	0	0	0	0	0	1	6	7
08:30 AM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	2	0	0	2	0	0	0	0	0	3	3
08:45 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	7	0	0	7	0	0	0	0	0	8	8
Total	0	1	0	0	1	0	4	2	1	6	1	1	0	0	2	0	11	2	0	13	0	0	0	0	1	22	23
Grand Total	0	4	1	0	5	0	7	2	1	9	2	3	2	1	7	0	13	2	0	15	0	0	0	0	2	36	38
Apprch %	0	80	20			0	77.8	22.2			28.6	42.9	28.6			0	86.7	13.3			0	0	0	0	0	0	0
Total %	0	11.1	2.8		13.9	0	19.4	5.6		25	5.6	8.3	5.6		19.4	0	36.1	5.6		41.7	0	0	0	0	5.3	94.7	

Start Time	Rose Drive Southbound				Imperial Highway Westbound				Rose Drive Northbound				Imperial Highway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	2
07:45 AM	0	1	1	2	0	2	0	2	0	0	1	1	0	0	0	0	5
08:00 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	2	2	4	5
08:15 AM	0	1	0	1	0	2	2	4	0	1	0	1	0	0	0	0	6
Total Volume	0	3	1	4	0	5	2	7	0	1	1	2	0	3	2	5	18
% App. Total	0	75	25		0	71.4	28.6		0	50	50		0	60	40		
PHF	.000	.750	.250	.500	.000	.625	.250	.438	.000	.250	.250	.500	.000	.375	.250	.313	.750

City of Placentia
 N/S: Rose Drive
 E/W: Imperial Highway
 Weather: Clear

File Name : 01_PLA_Rose_Imp AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Placentia
 N/S: Rose Drive
 E/W: Imperial Highway
 Weather: Clear

File Name : 01_PLA_Rose_Imp AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Rose Drive Southbound				Imperial Highway Westbound				Rose Drive Northbound				Imperial Highway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:30 AM				07:30 AM				07:30 AM				07:30 AM				
+0 mins.	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	
+15 mins.	0	1	1	2	0	2	0	2	0	0	1	1	0	0	0	0	
+30 mins.	0	0	0	0	0	1	0	1	0	0	0	0	0	2	2	4	
+45 mins.	0	1	0	1	0	2	2	4	0	1	0	1	0	0	0	0	
Total Volume	0	3	1	4	0	5	2	7	0	1	1	2	0	3	2	5	
% App. Total	0	75	25		0	71.4	28.6		0	50	50		0	60	40		
PHF	.000	.750	.250	.500	.000	.625	.250	.438	.000	.250	.250	.500	.000	.375	.250	.313	

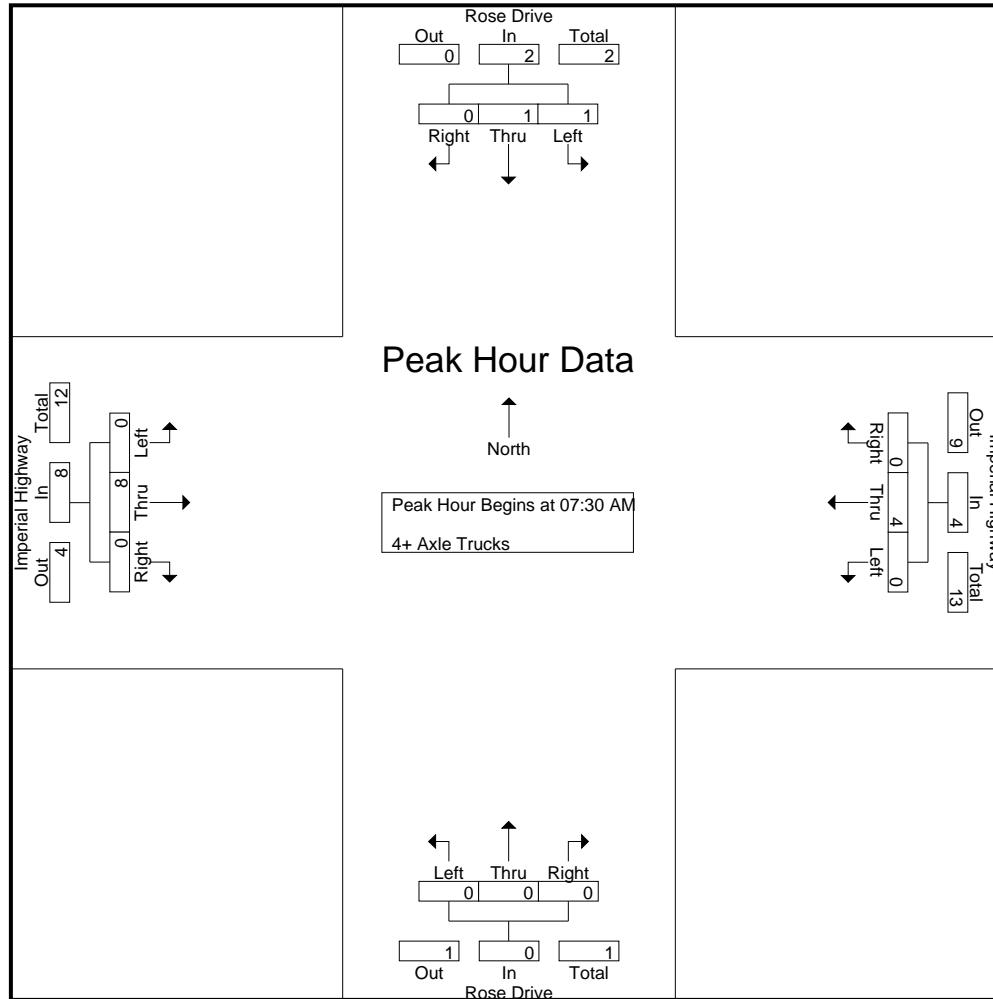
City of Placentia
 N/S: Rose Drive
 E/W: Imperial Highway
 Weather: Clear

File Name : 01_PLA_Rose_Imp AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

Groups Printed- 4+ Axle Trucks

Start Time	Rose Drive Southbound					Imperial Highway Westbound					Rose Drive Northbound					Imperial Highway Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	7	0	7	7
07:15 AM	0	0	0	0	0	1	1	0	0	2	0	0	0	0	0	0	3	0	0	3	0	5	5
07:30 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	3	3
07:45 AM	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	3	3
Total	1	1	0	0	2	1	2	0	0	3	0	0	0	0	0	0	13	0	0	13	0	18	18
08:00 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	3	3
08:15 AM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	3	0	0	3	0	5	5
08:30 AM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2
08:45 AM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	3	0	0	3	0	5	5
Total	0	0	0	0	0	0	7	0	0	7	0	0	0	0	0	0	8	0	0	8	0	15	15
Grand Total	1	1	0	0	2	1	9	0	0	10	0	0	0	0	0	0	21	0	0	21	0	33	33
Apprch %	50	50	0			10	90	0			0	0	0			0	100	0			0	33	33
Total %	3	3	0		6.1	3	27.3	0		30.3	0	0	0		0	0	63.6	0		63.6	0	100	100

Start Time	Rose Drive Southbound				Imperial Highway Westbound				Rose Drive Northbound				Imperial Highway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	1	0	1	0	0	0	0	0	0	0	0	0	2	0	2	3
07:45 AM	1	0	0	1	0	1	0	1	0	0	0	0	0	1	0	1	3
08:00 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	2	0	2	3
08:15 AM	0	0	0	0	0	2	0	2	0	0	0	0	0	3	0	3	5
Total Volume	1	1	0	2	0	4	0	4	0	0	0	0	0	8	0	8	14
% App. Total	50	50	0		0	100	0		0	0	0		0	100	0		
PHF	.250	.250	.000	.500	.000	.500	.000	.500	.000	.000	.000	.000	.000	.667	.000	.667	.700



City of Placentia
 N/S: Rose Drive
 E/W: Imperial Highway
 Weather: Clear

File Name : 01_PLA_Rose_Imp AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Rose Drive Southbound				Imperial Highway Westbound				Rose Drive Northbound				Imperial Highway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:30 AM				07:30 AM				07:30 AM				07:30 AM				
+0 mins.	0	1	0	1	0	0	0	0	0	0	0	0	0	2	0	2	
+15 mins.	1	0	0	1	0	1	0	1	0	0	0	0	0	1	0	1	
+30 mins.	0	0	0	0	0	1	0	1	0	0	0	0	0	2	0	2	
+45 mins.	0	0	0	0	0	2	0	2	0	0	0	0	0	3	0	3	
Total Volume	1	1	0	2	0	4	0	4	0	0	0	0	0	8	0	8	
% App. Total	50	50	0		0	100	0		0	0	0		0	100	0		
PHF	.250	.250	.000	.500	.000	.500	.000	.500	.000	.000	.000	.000	.000	.667	.000	.667	

City of Placentia
 N/S: Rose Drive
 E/W: Imperial Highway
 Weather: Clear

File Name : 01_PLA_Rose_Imp PM
 Site Code : 05122223
 Start Date : 3/15/2022
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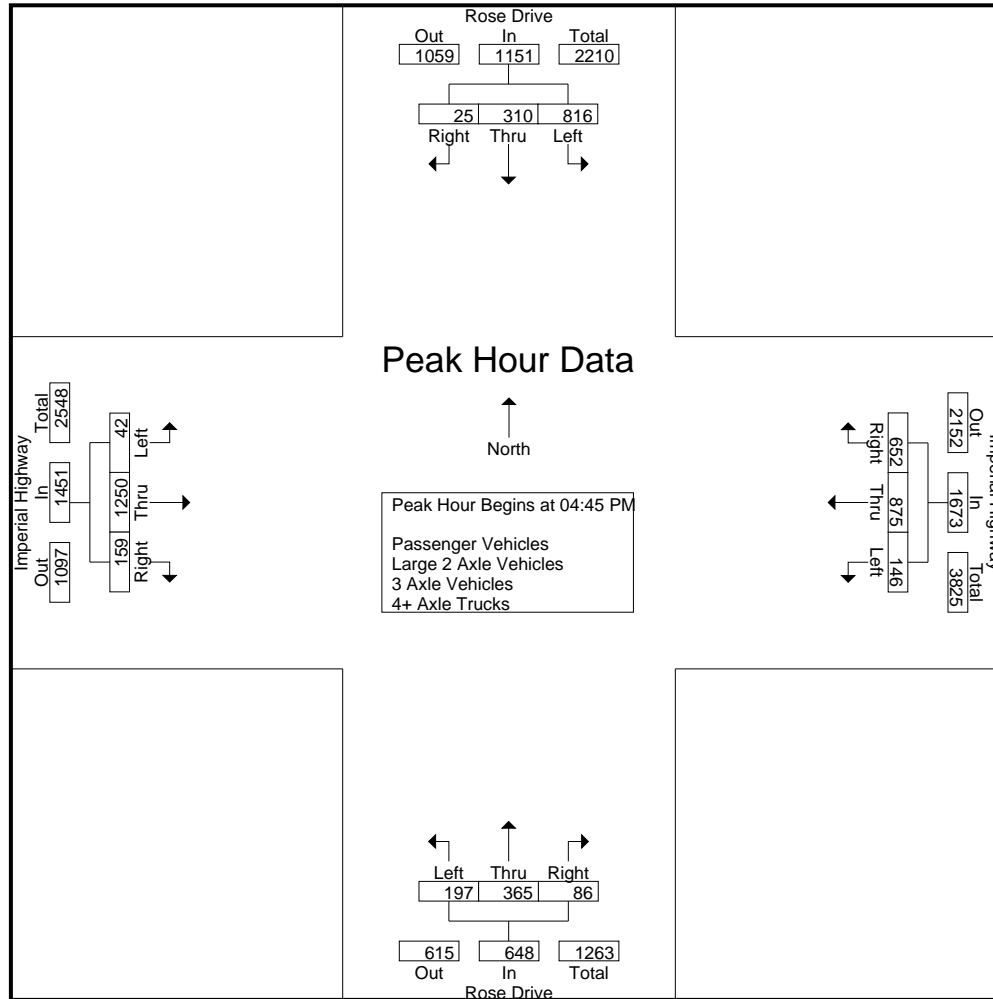
Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

Start Time	Rose Drive Southbound					Imperial Highway Westbound					Rose Drive Northbound					Imperial Highway Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	193	108	1	0	302	41	188	122	27	351	46	89	19	11	154	17	262	53	9	332	47	1139	1186
04:15 PM	201	75	4	1	280	37	212	157	45	406	31	81	25	17	137	12	267	46	7	325	70	1148	1218
04:30 PM	208	64	2	1	274	39	192	155	41	386	38	90	18	7	146	9	274	44	4	327	53	1133	1186
04:45 PM	187	79	5	2	271	31	222	132	32	385	52	116	21	6	189	6	299	44	5	349	45	1194	1239
Total	789	326	12	4	1127	148	814	566	145	1528	167	376	83	41	626	44	1102	187	25	1333	215	4614	4829
05:00 PM	238	82	5	2	325	47	205	169	51	421	61	89	18	12	168	14	313	37	5	364	70	1278	1348
05:15 PM	211	72	6	0	289	31	228	170	51	429	36	81	23	8	140	12	346	39	4	397	63	1255	1318
05:30 PM	180	77	9	6	266	37	220	181	47	438	48	79	24	12	151	10	292	39	3	341	68	1196	1264
05:45 PM	218	67	13	7	298	30	190	137	38	357	45	88	17	5	150	14	269	35	9	318	59	1123	1182
Total	847	298	33	15	1178	145	843	657	187	1645	190	337	82	37	609	50	1220	150	21	1420	260	4852	5112
Grand Total	1636	624	45	19	2305	293	1657	1223	332	3173	357	713	165	78	1235	94	2322	337	46	2753	475	9466	9941
Apprch %	71	27.1	2			9.2	52.2	38.5			28.9	57.7	13.4			3.4	84.3	12.2					
Total %	17.3	6.6	0.5		24.4	3.1	17.5	12.9		33.5	3.8	7.5	1.7		13	1	24.5	3.6		29.1	4.8	95.2	
Passenger Vehicles	1632	619	45		2315	288	1639	1215		3471	355	708	165		1306	93	2304	333		2775	0	0	9867
% Passenger Vehicles	99.8	99.2	100	100	99.6	98.3	98.9	99.3	99.1	99	99.4	99.3	100	100	99.5	98.9	99.2	98.8	97.8	99.1	0	0	99.3
Large 2 Axle Vehicles	3	4	0		7	5	11	7		26	1	5	0		6	0	10	4		15	0	0	54
% Large 2 Axle Vehicles	0.2	0.6	0	0	0.3	1.7	0.7	0.6	0.9	0.7	0.3	0.7	0	0	0.5	0	0.4	1.2	2.2	0.5	0	0	0.5
3 Axle Vehicles	1	1	0		2	0	1	0		1	1	0	0		1	0	4	0		4	0	0	8
% 3 Axle Vehicles	0.1	0.2	0	0	0.1	0	0.1	0	0	0	0.3	0	0	0	0.1	0	0.2	0	0	0.1	0	0	0.1
4+ Axle Trucks	0	0	0		0	0	6	1		7	0	0	0		0	1	4	0		5	0	0	12
% 4+ Axle Trucks	0	0	0	0	0	0	0.4	0.1	0	0.2	0	0	0	0	0	1.1	0.2	0	0	0.2	0	0	0.1

Start Time	Rose Drive Southbound				Imperial Highway Westbound				Rose Drive Northbound				Imperial Highway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	187	79	5	271	31	222	132	385	52	116	21	189	6	299	44	349	1194
05:00 PM	238	82	5	325	47	205	169	421	61	89	18	168	14	313	37	364	1278
05:15 PM	211	72	6	289	31	228	170	429	36	81	23	140	12	346	39	397	1255
05:30 PM	180	77	9	266	37	220	181	438	48	79	24	151	10	292	39	341	1196
Total Volume	816	310	25	1151	146	875	652	1673	197	365	86	648	42	1250	159	1451	4923
% App. Total	70.9	26.9	2.2		8.7	52.3	39		30.4	56.3	13.3		2.9	86.1	11		
PHF	.857	.945	.694	.885	.777	.959	.901	.955	.807	.787	.896	.857	.750	.903	.903	.914	.963

City of Placentia
 N/S: Rose Drive
 E/W: Imperial Highway
 Weather: Clear

File Name : 01_PLA_Rose_Imp PM
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City of Placentia
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 Weather: Clear

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Start Time	Rose Drive Southbound				Imperial Highway Westbound				Rose Drive Northbound				Imperial Highway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	05:00 PM				04:45 PM				04:45 PM				04:45 PM				
+0 mins.	238	82	5	325	31	222	132	385	52	116	21	189	6	299	44	349	
+15 mins.	211	72	6	289	47	205	169	421	61	89	18	168	14	313	37	364	
+30 mins.	180	77	9	266	31	228	170	429	36	81	23	140	12	346	39	397	
+45 mins.	218	67	13	298	37	220	181	438	48	79	24	151	10	292	39	341	
Total Volume	847	298	33	1178	146	875	652	1673	197	365	86	648	42	1250	159	1451	
% App. Total	71.9	25.3	2.8		8.7	52.3	39		30.4	56.3	13.3		2.9	86.1	11		
PHF	.890	.909	.635	.906	.777	.959	.901	.955	.807	.787	.896	.857	.750	.903	.903	.914	

City of Placentia
 N/S: Rose Drive
 E/W: Imperial Highway
 Weather: Clear

File Name : 01_PLA_Rose_Imp PM
 Site Code : 05122223
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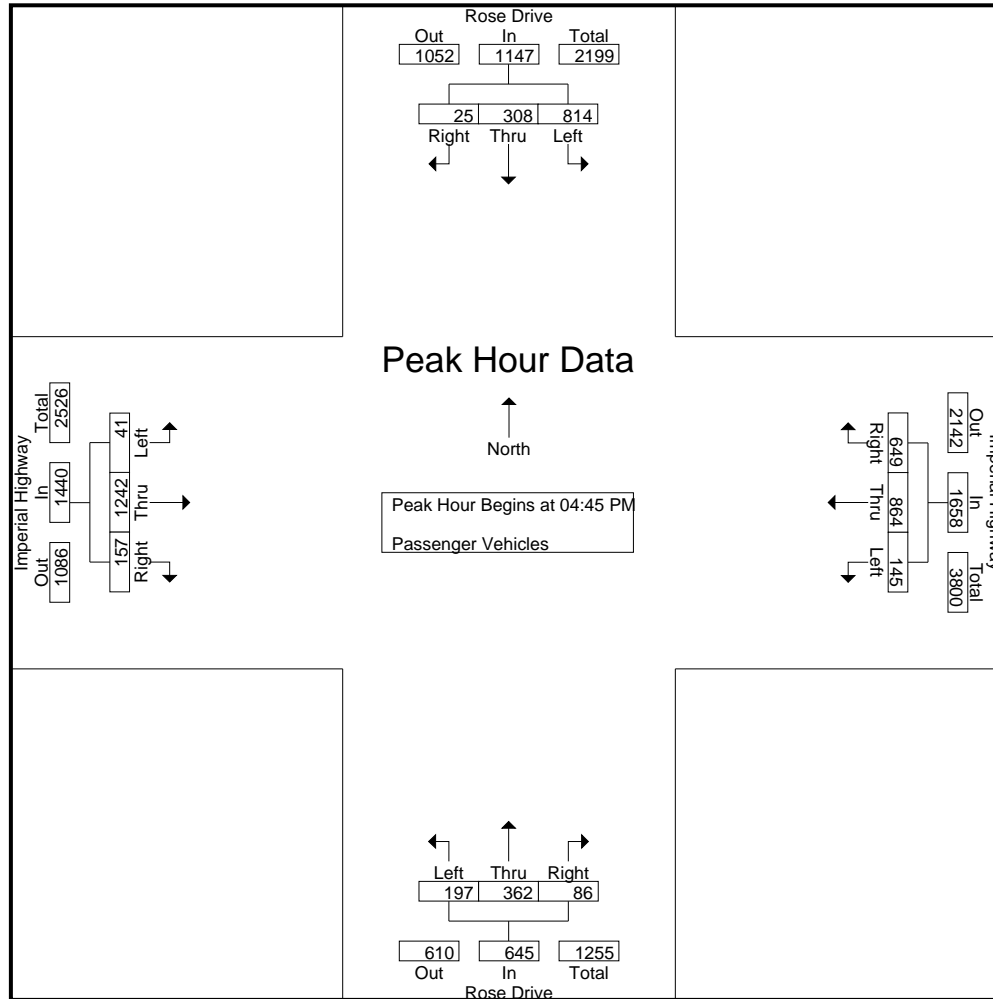
Groups Printed- Passenger Vehicles

Start Time	Rose Drive Southbound					Imperial Highway Westbound					Rose Drive Northbound					Imperial Highway Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	192	108	1	0	301	41	186	122	27	349	45	89	19	11	153	17	259	52	8	328	46	1131	1177
04:15 PM	201	72	4	1	277	34	207	154	43	395	31	81	25	17	137	12	263	45	7	320	68	1129	1197
04:30 PM	207	64	2	1	273	39	192	153	40	384	37	89	18	7	144	9	272	44	4	325	52	1126	1178
04:45 PM	187	78	5	2	270	31	217	132	32	380	52	113	21	6	186	6	298	44	5	348	45	1184	1229
Total	787	322	12	4	1121	145	802	561	142	1508	165	372	83	41	620	44	1092	185	24	1321	211	4570	4781
05:00 PM	236	82	5	2	323	47	205	169	51	421	61	89	18	12	168	13	310	35	5	358	70	1270	1340
05:15 PM	211	71	6	0	288	30	225	169	51	424	36	81	23	8	140	12	343	39	4	394	63	1246	1309
05:30 PM	180	77	9	6	266	37	217	179	47	433	48	79	24	12	151	10	291	39	3	340	68	1190	1258
05:45 PM	218	67	13	7	298	29	190	137	38	356	45	87	17	5	149	14	268	35	9	317	59	1120	1179
Total	845	297	33	15	1175	143	837	654	187	1634	190	336	82	37	608	49	1212	148	21	1409	260	4826	5086
Grand Total	1632	619	45	19	2296	288	1639	1215	329	3142	355	708	165	78	1228	93	2304	333	45	2730	471	9396	9867
Apprch %	71.1	27	2			9.2	52.2	38.7			28.9	57.7	13.4			3.4	84.4	12.2					
Total %	17.4	6.6	0.5		24.4	3.1	17.4	12.9		33.4	3.8	7.5	1.8		13.1	1	24.5	3.5		29.1	4.8	95.2	

Start Time	Rose Drive Southbound				Imperial Highway Westbound				Rose Drive Northbound				Imperial Highway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	187	78	5	270	31	217	132	380	52	113	21	186	6	298	44	348	1184
05:00 PM	236	82	5	323	47	205	169	421	61	89	18	168	13	310	35	358	1270
05:15 PM	211	71	6	288	30	225	169	424	36	81	23	140	12	343	39	394	1246
05:30 PM	180	77	9	266	37	217	179	433	48	79	24	151	10	291	39	340	1190
Total Volume	814	308	25	1147	145	864	649	1658	197	362	86	645	41	1242	157	1440	4890
% App. Total	71	26.9	2.2		8.7	52.1	39.1		30.5	56.1	13.3		2.8	86.2	10.9		
PHF	.862	.939	.694	.888	.771	.960	.906	.957	.807	.801	.896	.867	.788	.905	.892	.914	.963

City of Placentia
 N/S: Rose Drive
 E/W: Imperial Highway
 Weather: Clear

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City of Placentia
 N/S: Rose Drive
 E/W: Imperial Highway
 Weather: Clear

File Name : 01_PLA_Rose_Imp PM
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Start Time	Rose Drive Southbound				Imperial Highway Westbound				Rose Drive Northbound				Imperial Highway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:45 PM				04:45 PM				04:45 PM				04:45 PM				
+0 mins.	187	78	5	270	31	217	132	380	52	113	21	186	6	298	44	348	
+15 mins.	236	82	5	323	47	205	169	421	61	89	18	168	13	310	35	358	
+30 mins.	211	71	6	288	30	225	169	424	36	81	23	140	12	343	39	394	
+45 mins.	180	77	9	266	37	217	179	433	48	79	24	151	10	291	39	340	
Total Volume	814	308	25	1147	145	864	649	1658	197	362	86	645	41	1242	157	1440	
% App. Total	71	26.9	2.2		8.7	52.1	39.1		30.5	56.1	13.3		2.8	86.2	10.9		
PHF	.862	.939	.694	.888	.771	.960	.906	.957	.807	.801	.896	.867	.788	.905	.892	.914	

City of Placentia
 N/S: Rose Drive
 E/W: Imperial Highway
 Weather: Clear

File Name : 01_PLA_Rose_Imp PM
 Site Code : 05122223
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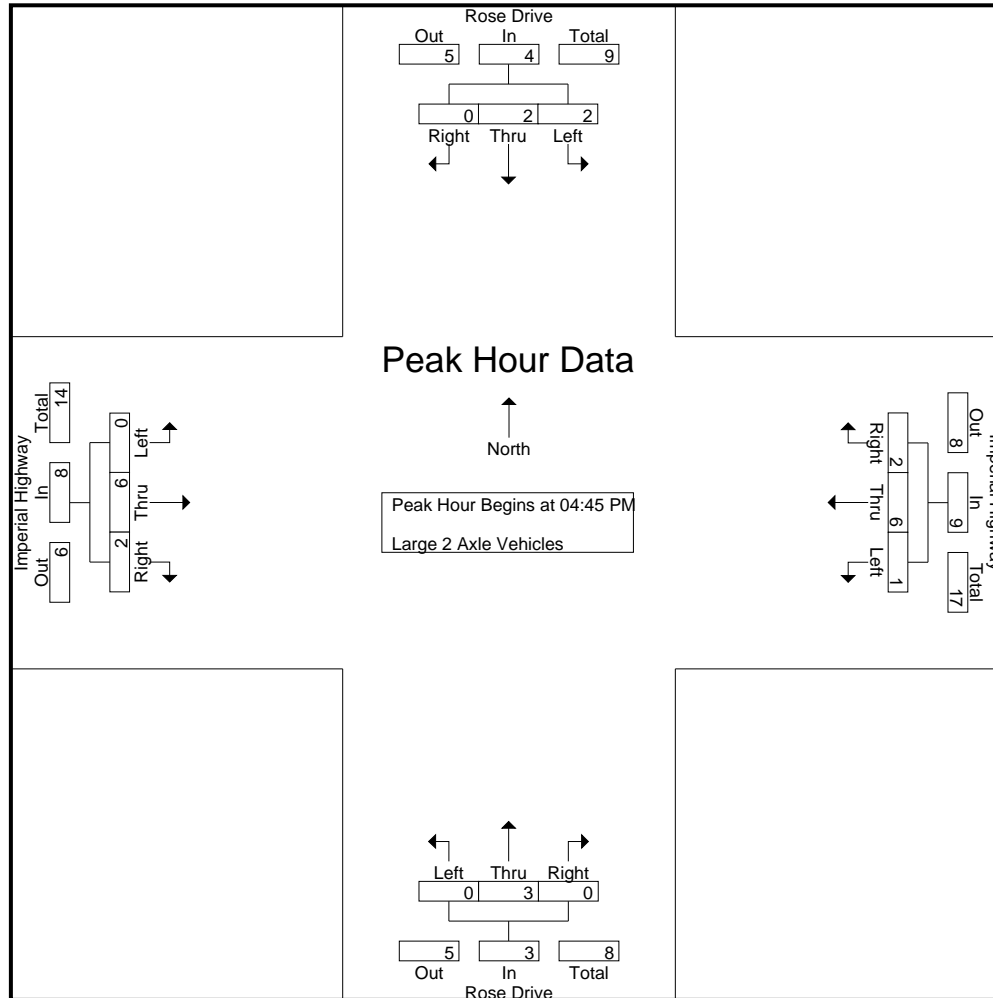
Groups Printed- Large 2 Axle Vehicles

Start Time	Rose Drive Southbound					Imperial Highway Westbound					Rose Drive Northbound					Imperial Highway Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	0	0	0	0	0	0	2	0	0	2	1	0	0	0	1	0	1	1	1	2	1	5	6
04:15 PM	0	2	0	0	2	3	3	3	2	9	0	0	0	0	0	0	1	1	0	2	2	13	15
04:30 PM	1	0	0	0	1	0	0	2	1	2	0	1	0	0	1	0	1	0	0	1	1	5	6
04:45 PM	0	1	0	0	1	0	3	0	0	3	0	3	0	0	3	0	1	0	0	1	0	8	8
Total	1	3	0	0	4	3	8	5	3	16	1	4	0	0	5	0	4	2	1	6	4	31	35
05:00 PM	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	4	0	6	6
05:15 PM	0	1	0	0	1	1	2	1	0	4	0	0	0	0	0	0	3	0	0	3	0	8	8
05:30 PM	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2
05:45 PM	0	0	0	0	0	1	0	0	0	1	0	1	0	0	1	0	1	0	0	1	0	3	3
Total	2	1	0	0	3	2	3	2	0	7	0	1	0	0	1	0	6	2	0	8	0	19	19
Grand Total	3	4	0	0	7	5	11	7	3	23	1	5	0	0	6	0	10	4	1	14	4	50	54
Apprch %	42.9	57.1	0			21.7	47.8	30.4			16.7	83.3	0			0	71.4	28.6					
Total %	6	8	0		14	10	22	14		46	2	10	0		12	0	20	8		28	7.4	92.6	

Start Time	Rose Drive Southbound				Imperial Highway Westbound				Rose Drive Northbound				Imperial Highway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	0	1	0	1	0	3	0	3	0	3	0	3	0	1	0	1	8
05:00 PM	2	0	0	2	0	0	0	0	0	0	0	0	0	2	2	4	6
05:15 PM	0	1	0	1	1	2	1	4	0	0	0	0	0	3	0	3	8
05:30 PM	0	0	0	0	0	1	1	2	0	0	0	0	0	0	0	0	2
Total Volume	2	2	0	4	1	6	2	9	0	3	0	3	0	6	2	8	24
% App. Total	50	50	0		11.1	66.7	22.2		0	100	0		0	75	25		
PHF	.250	.500	.000	.500	.250	.500	.500	.563	.000	.250	.000	.250	.000	.500	.250	.500	.750

City of Placentia
 N/S: Rose Drive
 E/W: Imperial Highway
 Weather: Clear

File Name : 01_PLA_Rose_Imp PM
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City of Placentia
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 Weather: Clear

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Start Time	Rose Drive Southbound				Imperial Highway Westbound				Rose Drive Northbound				Imperial Highway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:45 PM				04:45 PM				04:45 PM				04:45 PM				
+0 mins.	0	1	0	1	0	3	0	3	0	3	0	3	0	1	0	1	
+15 mins.	2	0	0	2	0	0	0	0	0	0	0	0	0	2	2	4	
+30 mins.	0	1	0	1	1	2	1	4	0	0	0	0	0	3	0	3	
+45 mins.	0	0	0	0	0	1	1	2	0	0	0	0	0	0	0	0	
Total Volume	2	2	0	4	1	6	2	9	0	3	0	3	0	6	2	8	
% App. Total	50	50	0		11.1	66.7	22.2		0	100	0		0	75	25		
PHF	.250	.500	.000	.500	.250	.500	.500	.563	.000	.250	.000	.250	.000	.500	.250	.500	

City of Placentia
 N/S: Rose Drive
 E/W: Imperial Highway
 Weather: Clear

File Name : 01_PLA_Rose_Imp PM
 Site Code : 05122223
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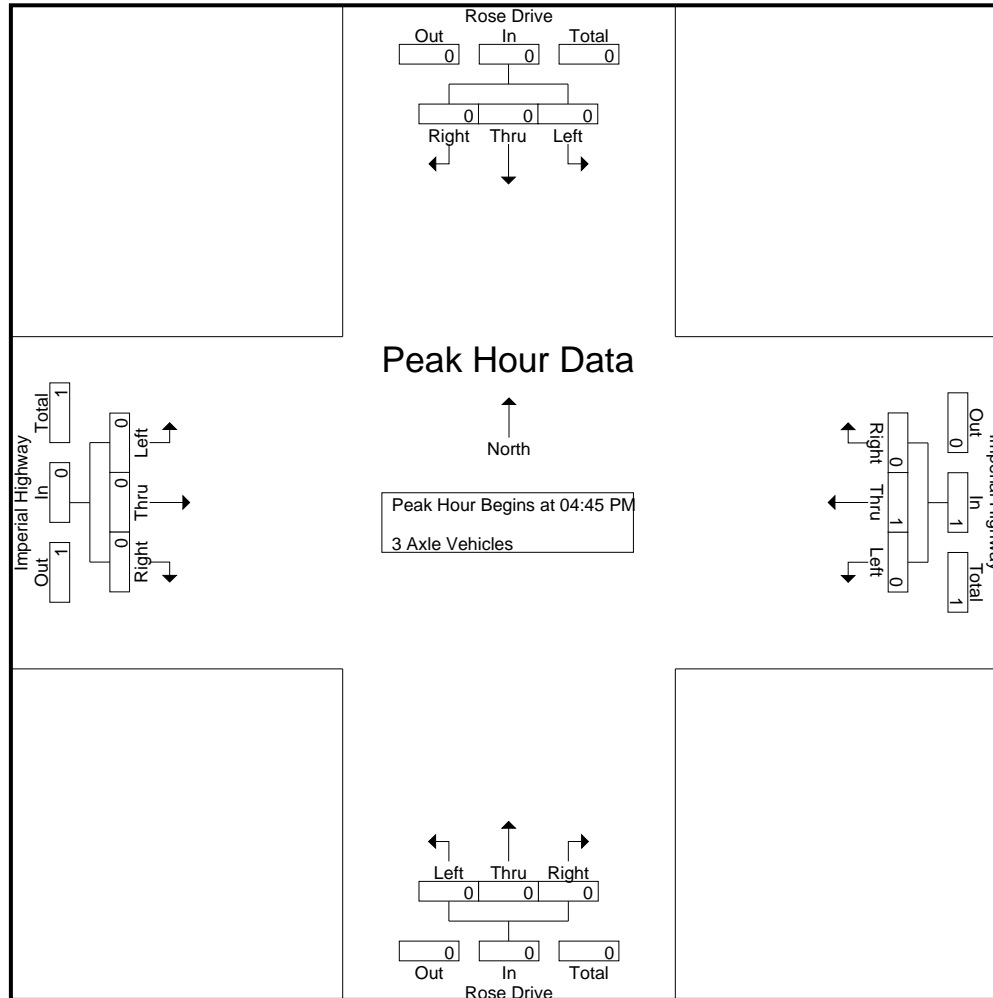
Groups Printed- 3 Axle Vehicles

Start Time	Rose Drive Southbound					Imperial Highway Westbound					Rose Drive Northbound					Imperial Highway Eastbound					Exclu. Total	Inclu. Total	Int. Total		
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total					
04:00 PM	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
04:15 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	4	4
04:30 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	1	0	0	0	2	2
04:45 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Total	1	1	0	0	2	0	1	0	0	1	1	0	0	0	1	0	4	0	0	4	0	0	0	8	8
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	1	1	0	0	2	0	1	0	0	1	1	0	0	0	1	0	4	0	0	4	0	0	0	8	8
Apprch %	50	50	0			0	100	0			100	0	0			0	100	0			0				
Total %	12.5	12.5	0		25	0	12.5	0		12.5	12.5	0	0		12.5	0	50	0		50	0		100		

Start Time	Rose Drive Southbound				Imperial Highway Westbound				Rose Drive Northbound				Imperial Highway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
% App. Total	0	0	0	0	0	100	0		0	0	0		0	0	0		
PHF	.000	.000	.000	.000	.000	.250	.000	.250	.000	.000	.000	.000	.000	.000	.000	.000	.250

City of Placentia
 N/S: Rose Drive
 E/W: Imperial Highway
 Weather: Clear

File Name : 01_PLA_Rose_Imp PM
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City of Placentia
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 Weather: Clear

File Name : 01_PLA_Rose_Imp PM
 Site Code : 05122223
 Start Date : 3/15/2022
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Start Time	Rose Drive Southbound				Imperial Highway Westbound				Rose Drive Northbound				Imperial Highway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:45 PM				04:45 PM				04:45 PM				04:45 PM				
+0 mins.	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total Volume	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	
% App. Total	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0	0	
PHF	.000	.000	.000	.000	.000	.250	.000	.250	.000	.000	.000	.000	.000	.000	.000	.000	

City of Placentia
 N/S: Rose Drive
 E/W: Imperial Highway
 Weather: Clear

File Name : 01_PLA_Rose_Imp PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

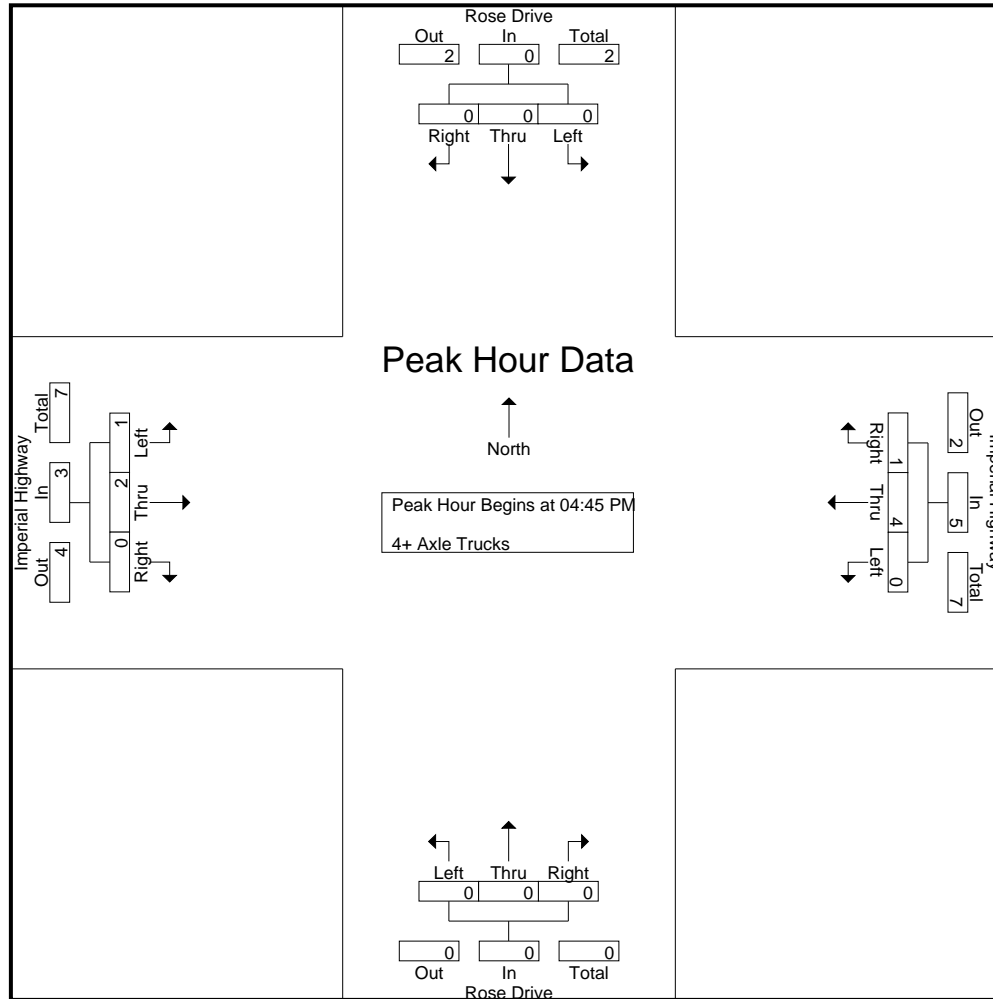
Groups Printed- 4+ Axle Trucks

Start Time	Rose Drive Southbound					Imperial Highway Westbound					Rose Drive Northbound					Imperial Highway Eastbound					Exclu. Total	Inclu. Total	Int. Total	
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total				
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	2	2
04:15 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Total	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	2	0	0	2	0	0	5	5
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	0	0	2	2
05:15 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1
05:30 PM	0	0	0	0	0	0	2	1	0	3	0	0	0	0	0	0	1	0	0	1	0	0	4	4
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	3	1	0	4	0	0	0	0	0	1	2	0	0	3	0	0	7	7
Grand Total	0	0	0	0	0	0	6	1	0	7	0	0	0	0	0	1	4	0	0	5	0	0	12	12
Apprch %	0	0	0			0	85.7	14.3			0	0	0			20	80	0			0	0		
Total %	0	0	0			0	50	8.3		58.3	0	0	0		0	8.3	33.3	0		41.7	0	0	100	

Start Time	Rose Drive Southbound				Imperial Highway Westbound				Rose Drive Northbound				Imperial Highway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	2
05:15 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
05:30 PM	0	0	0	0	0	2	1	3	0	0	0	0	0	1	0	1	4
Total Volume	0	0	0	0	0	4	1	5	0	0	0	0	1	2	0	3	8
% App. Total	0	0	0		0	80	20		0	0	0		33.3	66.7	0		
PHF	.000	.000	.000	.000	.000	.500	.250	.417	.000	.000	.000	.000	.250	.500	.000	.375	.500

City of Placentia
 N/S: Rose Drive
 E/W: Imperial Highway
 Weather: Clear

File Name : 01_PLA_Rose_Imp PM
 Site Code : 05122223
 Start Date : 3/15/2022
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City of Placentia
 N/S: Rose Drive
 E/W: Imperial Highway
 Weather: Clear

File Name : 01_PLA_Rose_Imp PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Rose Drive Southbound				Imperial Highway Westbound				Rose Drive Northbound				Imperial Highway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:45 PM				04:45 PM				04:45 PM				04:45 PM				
+0 mins.	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2
+30 mins.	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	0	2	1	3	0	0	0	0	0	1	0	0	1
Total Volume	0	0	0	0	0	4	1	5	0	0	0	0	1	2	0	3	3
% App. Total	0	0	0	0	0	80	20		0	0	0		33.3	66.7	0		
PHF	.000	.000	.000	.000	.000	.500	.250	.417	.000	.000	.000	.000	.250	.500	.000	.375	

Location: Placentia
 N/S: Rose Drive
 E/W: Imperial Highway



Date: 3/15/2022
 Day: Tuesday

PEDESTRIANS

	North Leg Rose Drive	East Leg Imperial Highway	South Leg Rose Drive	West Leg Imperial Highway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	1	0	1
7:15 AM	0	0	1	0	1
7:30 AM	0	0	0	0	0
7:45 AM	0	0	0	0	0
8:00 AM	0	0	0	0	0
8:15 AM	0	0	0	0	0
8:30 AM	0	0	0	0	0
8:45 AM	0	0	0	0	0
TOTAL VOLUMES:	0	0	2	0	2

	North Leg Rose Drive	East Leg Imperial Highway	South Leg Rose Drive	West Leg Imperial Highway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	0	1	1
4:15 PM	1	0	0	0	1
4:30 PM	0	0	0	0	0
4:45 PM	0	0	0	0	0
5:00 PM	0	0	0	2	2
5:15 PM	0	0	0	0	0
5:30 PM	0	0	0	0	0
5:45 PM	0	0	0	0	0
TOTAL VOLUMES:	1	0	0	3	4

Location: Placentia
 N/S: Rose Drive
 E/W: Imperial Highway



Date: 3/15/2022
 Day: Tuesday

BICYCLES

	Southbound Rose Drive			Westbound Imperial Highway			Northbound Rose Drive			Eastbound Imperial Highway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	1	0	0	0	0	0	2	0	0	0	0	3
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	1	0	0	0	0	0	0	0	0	0	1	2
TOTAL VOLUMES:	0	2	0	0	0	0	0	2	0	0	0	1	5

	Southbound Rose Drive			Westbound Imperial Highway			Northbound Rose Drive			Eastbound Imperial Highway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	2	0	0	0	0	0	0	0	0	0	0	2
4:15 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
4:30 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
4:45 PM	0	1	0	0	0	0	0	1	0	0	0	0	2
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	1	0	0	0	0	0	0	1	0	0	0	1	3
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	1	3	0	0	0	0	0	3	0	0	1	1	9

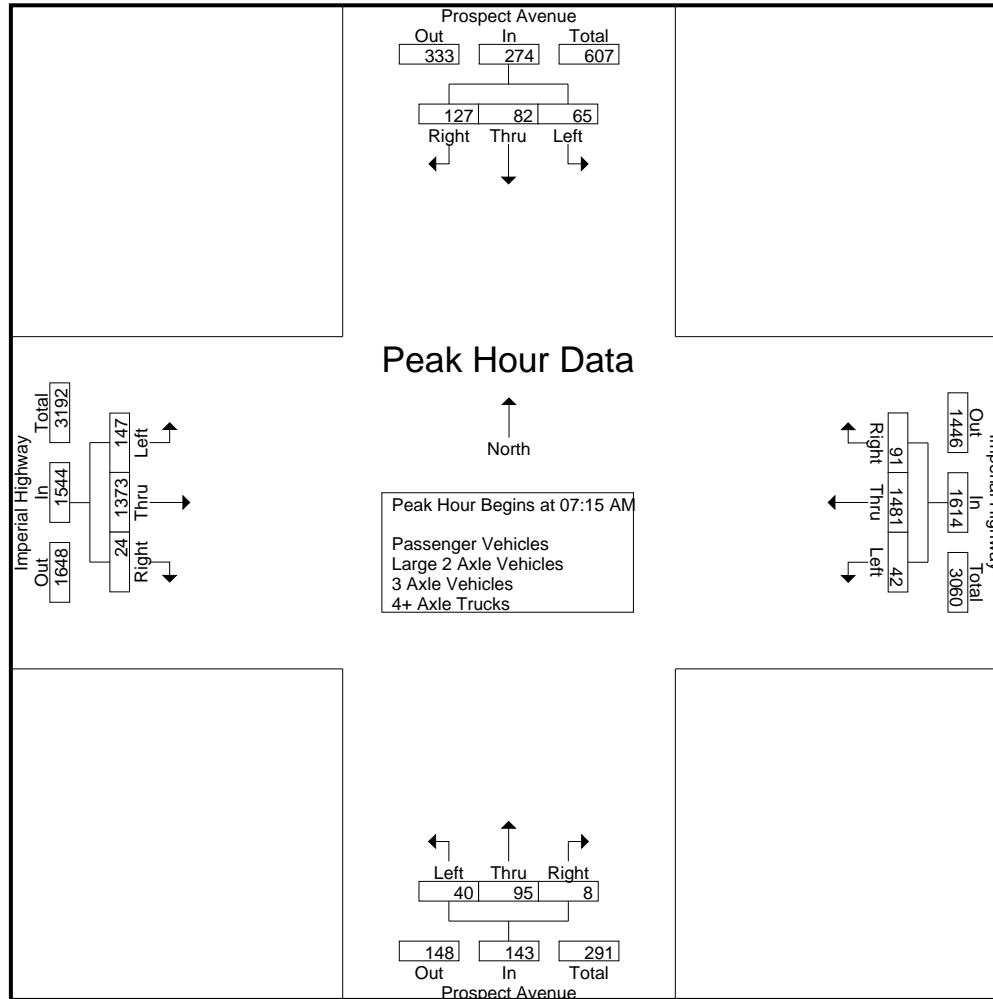
City of Yorba Linda
 N/S: Prospect Avenue
 E/W: Imperial Highway
 Weather: Clear

File Name : 02_YLA_Prosg_Imp AM
 Site Code : 05122223
 Start Date : 3/15/2022
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Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

Start Time	Prospect Avenue Southbound					Imperial Highway Westbound					Prospect Avenue Northbound					Imperial Highway Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	12	15	11	5	38	0	278	5	0	283	13	6	3	2	22	12	260	2	1	274	8	617	625
07:15 AM	5	22	18	11	45	0	351	16	2	367	14	14	3	2	31	22	322	6	0	350	15	793	808
07:30 AM	16	29	41	19	86	16	404	34	7	454	12	31	1	0	44	56	372	4	0	432	26	1016	1042
07:45 AM	21	10	32	12	63	18	365	23	1	406	9	28	3	0	40	43	338	9	2	390	15	899	914
Total	54	76	102	47	232	34	1398	78	10	1510	48	79	10	4	137	133	1292	21	3	1446	64	3325	3389
08:00 AM	23	21	36	16	80	8	361	18	1	387	5	22	1	0	28	26	341	5	1	372	18	867	885
08:15 AM	13	13	24	11	50	3	365	11	0	379	6	11	5	3	22	13	299	6	0	318	14	769	783
08:30 AM	19	3	24	16	46	2	324	17	0	343	9	14	5	4	28	6	310	7	1	323	21	740	761
08:45 AM	9	14	20	7	43	1	337	18	3	356	9	21	1	0	31	23	264	5	1	292	11	722	733
Total	64	51	104	50	219	14	1387	64	4	1465	29	68	12	7	109	68	1214	23	3	1305	64	3098	3162
Grand Total	118	127	206	97	451	48	2785	142	14	2975	77	147	22	11	246	201	2506	44	6	2751	128	6423	6551
Apprch %	26.2	28.2	45.7			1.6	93.6	4.8			31.3	59.8	8.9			7.3	91.1	1.6					
Total %	1.8	2	3.2		7	0.7	43.4	2.2		46.3	1.2	2.3	0.3		3.8	3.1	39	0.7		42.8	2	98	
Passenger Vehicles	118	125	204		544	48	2700	138		2900	76	143	22		252	200	2385	42		2633	0	0	6329
% Passenger Vehicles	100	98.4	99	100	99.3	100	96.9	97.2	100	97	98.7	97.3	100	100	98.1	99.5	95.2	95.5	100	95.5	0	0	96.6
Large 2 Axle Vehicles	0	2	2		4	0	66	2		68	1	2	0		3	1	84	1		86	0	0	161
% Large 2 Axle Vehicles	0	1.6	1	0	0.7	0	2.4	1.4	0	2.3	1.3	1.4	0	0	1.2	0.5	3.4	2.3	0	3.1	0	0	2.5
3 Axle Vehicles	0	0	0		0	0	10	0		10	0	2	0		2	0	15	1		16	0	0	28
% 3 Axle Vehicles	0	0	0	0	0	0	0.4	0	0	0.3	0	1.4	0	0	0.8	0	0.6	2.3	0	0.6	0	0	0.4
4+ Axle Trucks	0	0	0		0	0	9	2		11	0	0	0		0	0	22	0		22	0	0	33
% 4+ Axle Trucks	0	0	0	0	0	0	0.3	1.4	0	0.4	0	0	0	0	0	0	0.9	0	0	0.8	0	0	0.5

Start Time	Prospect Avenue Southbound				Imperial Highway Westbound				Prospect Avenue Northbound				Imperial Highway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:15 AM																	
07:15 AM	5	22	18	45	0	351	16	367	14	14	3	31	22	322	6	350	793
07:30 AM	16	29	41	86	16	404	34	454	12	31	1	44	56	372	4	432	1016
07:45 AM	21	10	32	63	18	365	23	406	9	28	3	40	43	338	9	390	899
08:00 AM	23	21	36	80	8	361	18	387	5	22	1	28	26	341	5	372	867
Total Volume	65	82	127	274	42	1481	91	1614	40	95	8	143	147	1373	24	1544	3575
% App. Total	23.7	29.9	46.4		2.6	91.8	5.6		28	66.4	5.6		9.5	88.9	1.6		
PHF	.707	.707	.774	.797	.583	.916	.669	.889	.714	.766	.667	.813	.656	.923	.667	.894	.880



City of Yorba Linda
 N/S: Prospect Avenue
 E/W: Imperial Highway
 Weather: Clear

File Name : 02_YLA_Proc_Imp AM
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Start Time	Prospect Avenue Southbound				Imperial Highway Westbound				Prospect Avenue Northbound				Imperial Highway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:30 AM				07:30 AM				07:15 AM				07:15 AM				
+0 mins.	16	29	41	86	16	404	34	454	14	14	3	31	22	322	6	350	
+15 mins.	21	10	32	63	18	365	23	406	12	31	1	44	56	372	4	432	
+30 mins.	23	21	36	80	8	361	18	387	9	28	3	40	43	338	9	390	
+45 mins.	13	13	24	50	3	365	11	379	5	22	1	28	26	341	5	372	
Total Volume	73	73	133	279	45	1495	86	1626	40	95	8	143	147	1373	24	1544	
% App. Total	26.2	26.2	47.7		2.8	91.9	5.3		28	66.4	5.6		9.5	88.9	1.6		
PHF	.793	.629	.811	.811	.625	.925	.632	.895	.714	.766	.667	.813	.656	.923	.667	.894	

City of Yorba Linda
 N/S: Prospect Avenue
 E/W: Imperial Highway
 Weather: Clear

File Name : 02_YLA_Proc_Imp AM
 Site Code : 05122223
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 Page No : 1

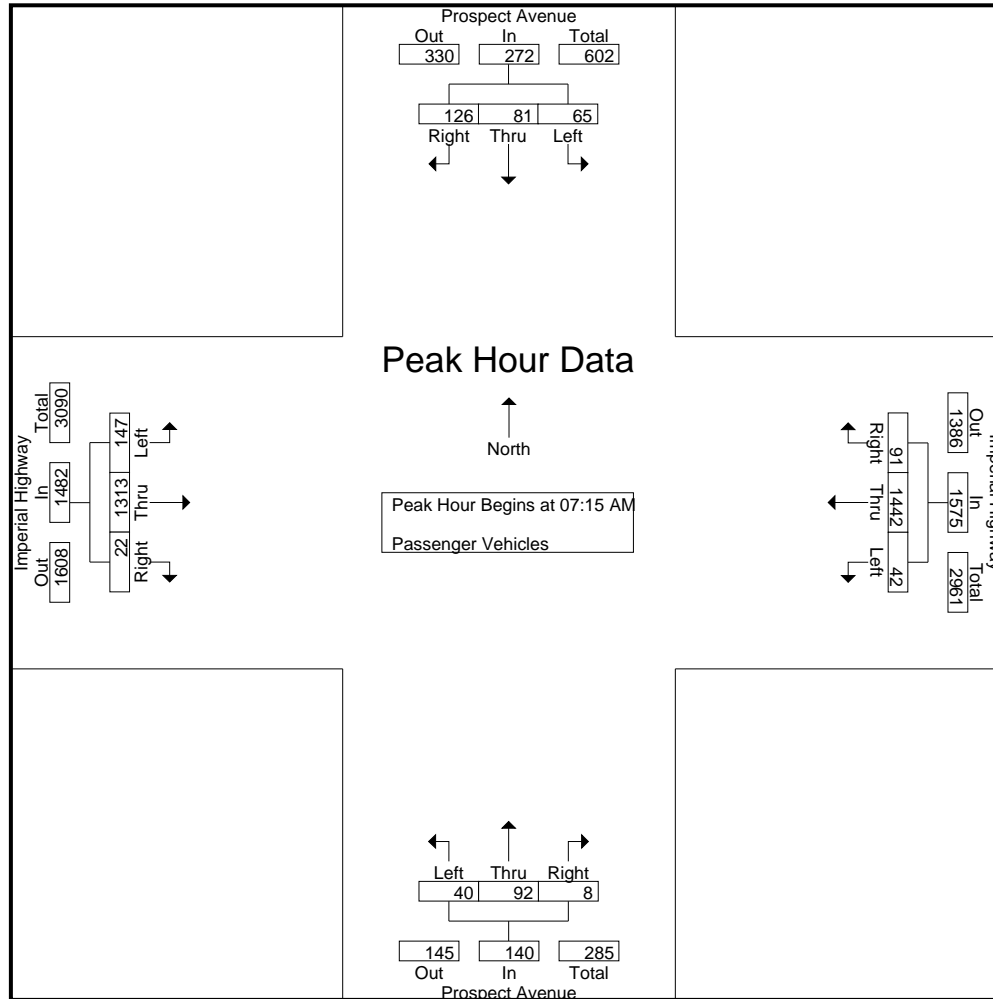
Groups Printed- Passenger Vehicles

Start Time	Prospect Avenue Southbound					Imperial Highway Westbound					Prospect Avenue Northbound					Imperial Highway Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	12	15	11	5	38	0	273	5	0	278	13	6	3	2	22	11	246	2	1	259	8	597	605
07:15 AM	5	21	18	11	44	0	341	16	2	357	14	13	3	2	30	22	305	6	0	333	15	764	779
07:30 AM	16	29	40	19	85	16	394	34	7	444	12	30	1	0	43	56	356	4	0	416	26	988	1014
07:45 AM	21	10	32	12	63	18	350	23	1	391	9	28	3	0	40	43	325	7	2	375	15	869	884
Total	54	75	101	47	230	34	1358	78	10	1470	48	77	10	4	135	132	1232	19	3	1383	64	3218	3282
08:00 AM	23	21	36	16	80	8	357	18	1	383	5	21	1	0	27	26	327	5	1	358	18	848	866
08:15 AM	13	13	23	11	49	3	356	11	0	370	6	11	5	3	22	13	289	6	0	308	14	749	763
08:30 AM	19	3	24	16	46	2	312	16	0	330	8	13	5	4	26	6	295	7	1	308	21	710	731
08:45 AM	9	13	20	7	42	1	317	15	3	333	9	21	1	0	31	23	242	5	1	270	11	676	687
Total	64	50	103	50	217	14	1342	60	4	1416	28	66	12	7	106	68	1153	23	3	1244	64	2983	3047
Grand Total	118	125	204	97	447	48	2700	138	14	2886	76	143	22	11	241	200	2385	42	6	2627	128	6201	6329
Apprch %	26.4	28	45.6			1.7	93.6	4.8			31.5	59.3	9.1			7.6	90.8	1.6					
Total %	1.9	2	3.3		7.2	0.8	43.5	2.2		46.5	1.2	2.3	0.4		3.9	3.2	38.5	0.7		42.4	2	98	

Start Time	Prospect Avenue Southbound				Imperial Highway Westbound				Prospect Avenue Northbound				Imperial Highway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:15 AM to 08:00 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:15 AM																	
07:15 AM	5	21	18	44	0	341	16	357	14	13	3	30	22	305	6	333	764
07:30 AM	16	29	40	85	16	394	34	444	12	30	1	43	56	356	4	416	988
07:45 AM	21	10	32	63	18	350	23	391	9	28	3	40	43	325	7	375	869
08:00 AM	23	21	36	80	8	357	18	383	5	21	1	27	26	327	5	358	848
Total Volume	65	81	126	272	42	1442	91	1575	40	92	8	140	147	1313	22	1482	3469
% App. Total	23.9	29.8	46.3		2.7	91.6	5.8		28.6	65.7	5.7		9.9	88.6	1.5		
PHF	.707	.698	.788	.800	.583	.915	.669	.887	.714	.767	.667	.814	.656	.922	.786	.891	.878

City of Yorba Linda
 N/S: Prospect Avenue
 E/W: Imperial Highway
 Weather: Clear

File Name : 02_YLA_Proc_Imp AM
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City of Yorba Linda
 N/S: Prospect Avenue
 E/W: Imperial Highway
 Weather: Clear

File Name : 02_YLA_Proc_Imp AM
 Site Code : 05122223
 Start Date : 3/15/2022
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Start Time	Prospect Avenue Southbound				Imperial Highway Westbound				Prospect Avenue Northbound				Imperial Highway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:15 AM to 08:00 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:15 AM				07:15 AM				07:15 AM				07:15 AM				
+0 mins.	5	21	18	44	0	341	16	357	14	13	3	30	22	305	6	333	
+15 mins.	16	29	40	85	16	394	34	444	12	30	1	43	56	356	4	416	
+30 mins.	21	10	32	63	18	350	23	391	9	28	3	40	43	325	7	375	
+45 mins.	23	21	36	80	8	357	18	383	5	21	1	27	26	327	5	358	
Total Volume	65	81	126	272	42	1442	91	1575	40	92	8	140	147	1313	22	1482	
% App. Total	23.9	29.8	46.3		2.7	91.6	5.8		28.6	65.7	5.7		9.9	88.6	1.5		
PHF	.707	.698	.788	.800	.583	.915	.669	.887	.714	.767	.667	.814	.656	.922	.786	.891	

City of Yorba Linda
 N/S: Prospect Avenue
 E/W: Imperial Highway
 Weather: Clear

File Name : 02_YLA_Proc_Imp AM
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 Start Date : 3/15/2022
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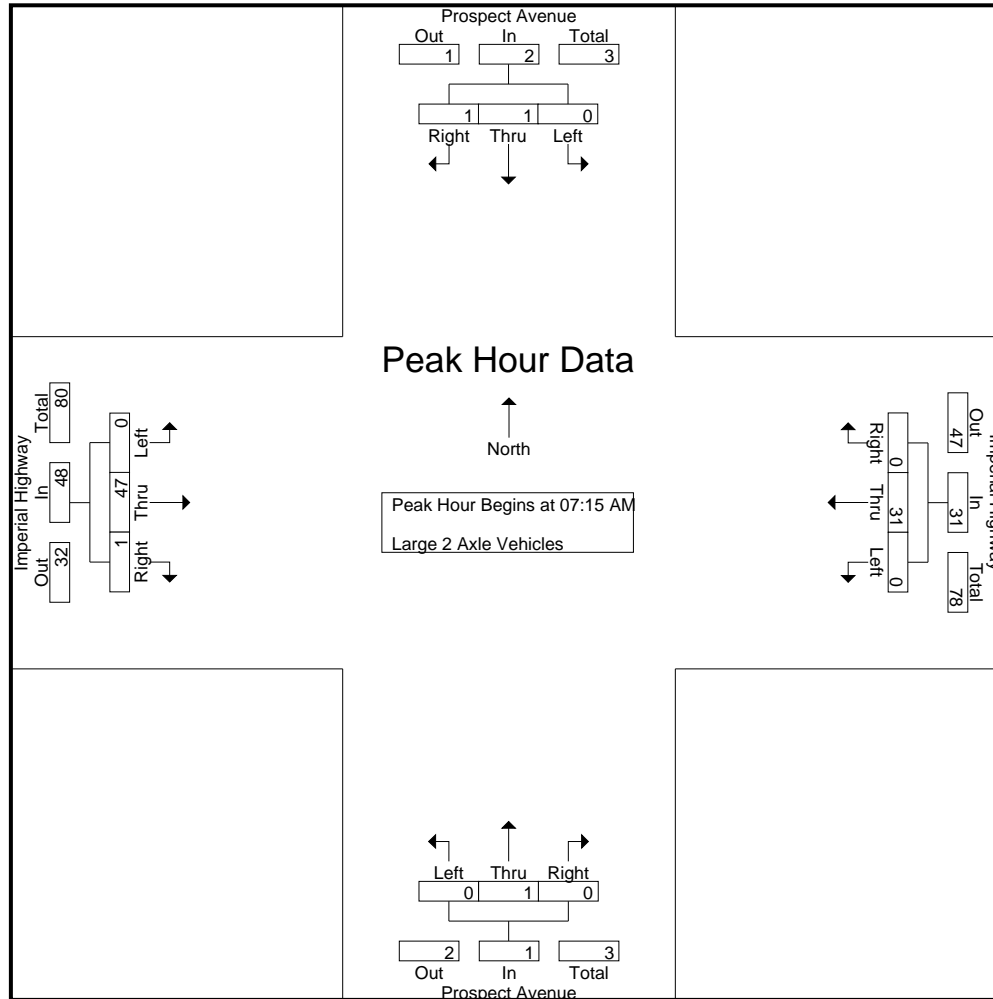
Groups Printed- Large 2 Axle Vehicles

Start Time	Prospect Avenue Southbound					Imperial Highway Westbound					Prospect Avenue Northbound					Imperial Highway Eastbound					Exclu. Total	Inclu. Total	Int. Total	
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total				
07:00 AM	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	1	7	0	0	8	0	0	13	13
07:15 AM	0	1	0	0	1	0	8	0	0	8	0	0	0	0	0	0	12	0	0	12	0	0	21	21
07:30 AM	0	0	1	0	1	0	9	0	0	9	0	1	0	0	1	0	13	0	0	13	0	0	24	24
07:45 AM	0	0	0	0	0	0	12	0	0	12	0	0	0	0	0	0	11	1	0	12	0	0	24	24
Total	0	1	1	0	2	0	34	0	0	34	0	1	0	0	1	1	43	1	0	45	0	0	82	82
08:00 AM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	11	0	0	11	0	0	13	13
08:15 AM	0	0	1	0	1	0	3	0	0	3	0	0	0	0	0	0	6	0	0	6	0	0	10	10
08:30 AM	0	0	0	0	0	0	9	1	0	10	1	1	0	0	2	0	12	0	0	12	0	0	24	24
08:45 AM	0	1	0	0	1	0	18	1	0	19	0	0	0	0	0	0	12	0	0	12	0	0	32	32
Total	0	1	1	0	2	0	32	2	0	34	1	1	0	0	2	0	41	0	0	41	0	0	79	79
Grand Total	0	2	2	0	4	0	66	2	0	68	1	2	0	0	3	1	84	1	0	86	0	0	161	161
Apprch %	0	50	50			0	97.1	2.9			33.3	66.7	0			1.2	97.7	1.2						
Total %	0	1.2	1.2		2.5	0	41	1.2		42.2	0.6	1.2	0		1.9	0.6	52.2	0.6		53.4	0	0	100	

Start Time	Prospect Avenue Southbound				Imperial Highway Westbound				Prospect Avenue Northbound				Imperial Highway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:15 AM to 08:00 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:15 AM																	
07:15 AM	0	1	0	1	0	8	0	8	0	0	0	0	0	12	0	12	21
07:30 AM	0	0	1	1	0	9	0	9	0	1	0	1	0	13	0	13	24
07:45 AM	0	0	0	0	0	12	0	12	0	0	0	0	0	11	1	12	24
08:00 AM	0	0	0	0	0	2	0	2	0	0	0	0	0	11	0	11	13
Total Volume	0	1	1	2	0	31	0	31	0	1	0	1	0	47	1	48	82
% App. Total	0	50	50		0	100	0		0	100	0		0	97.9	2.1		
PHF	.000	.250	.250	.500	.000	.646	.000	.646	.000	.250	.000	.250	.000	.904	.250	.923	.854

City of Yorba Linda
 N/S: Prospect Avenue
 E/W: Imperial Highway
 Weather: Clear

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City of Yorba Linda
 N/S: Prospect Avenue
 E/W: Imperial Highway
 Weather: Clear

File Name : 02_YLA_Proc_Imp AM
 Site Code : 05122223
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Start Time	Prospect Avenue Southbound				Imperial Highway Westbound				Prospect Avenue Northbound				Imperial Highway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:15 AM to 08:00 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:15 AM				07:15 AM				07:15 AM				07:15 AM				
+0 mins.	0	1	0	1	0	8	0	8	0	0	0	0	0	12	0	12	
+15 mins.	0	0	1	1	0	9	0	9	0	1	0	1	0	13	0	13	
+30 mins.	0	0	0	0	0	12	0	12	0	0	0	0	0	11	1	12	
+45 mins.	0	0	0	0	0	2	0	2	0	0	0	0	0	11	0	11	
Total Volume	0	1	1	2	0	31	0	31	0	1	0	1	0	47	1	48	
% App. Total	0	50	50		0	100	0		0	100	0		0	97.9	2.1		
PHF	.000	.250	.250	.500	.000	.646	.000	.646	.000	.250	.000	.250	.000	.904	.250	.923	

City of Yorba Linda
 N/S: Prospect Avenue
 E/W: Imperial Highway
 Weather: Clear

File Name : 02_YLA_Proc_Imp AM
 Site Code : 05122223
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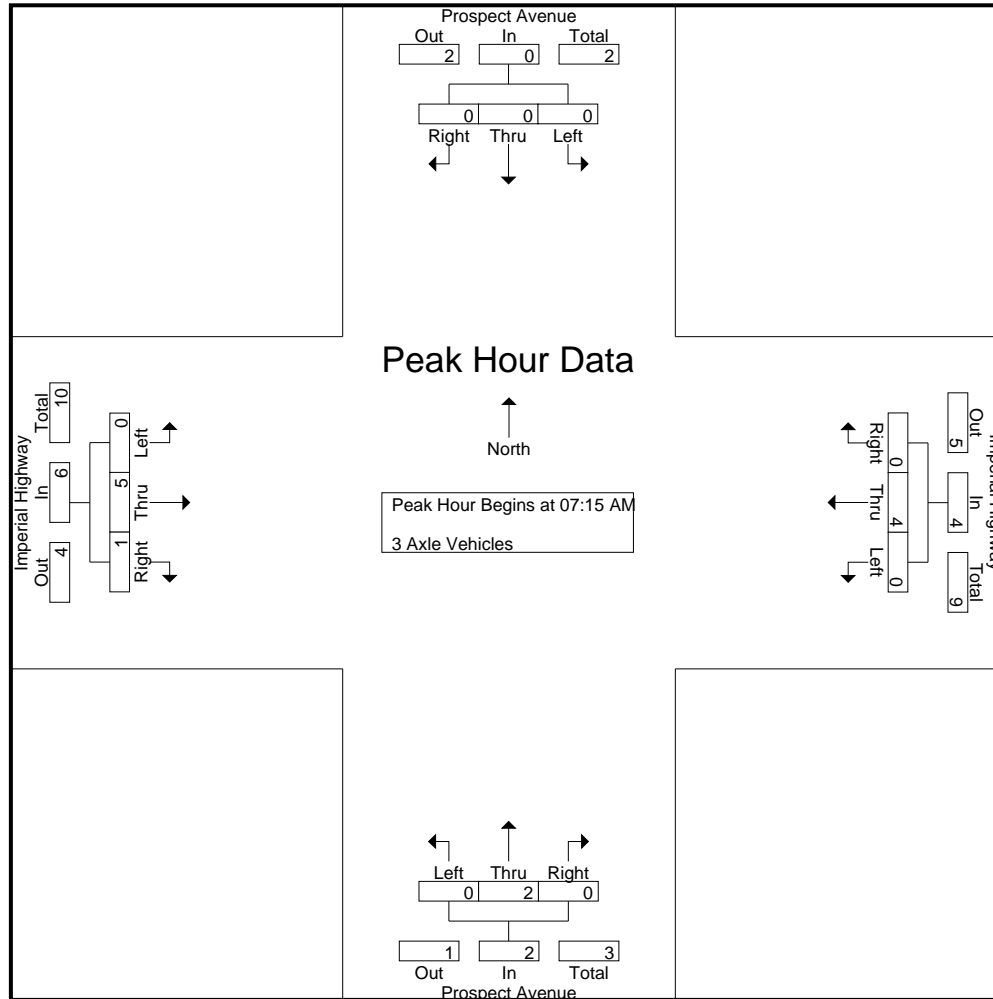
Groups Printed- 3 Axle Vehicles

Start Time	Prospect Avenue Southbound					Imperial Highway Westbound					Prospect Avenue Northbound					Imperial Highway Eastbound					Exclu. Total	Inclu. Total	Int. Total					
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total								
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	0	0	0	0	0	1	0	0	1	0	1	0	0	1	0	2	0	0	2	0	0	0	0	0	0	4	4
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	1
07:45 AM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	3	3
Total	0	0	0	0	0	0	3	0	0	3	0	1	0	0	1	0	3	1	0	4	0	0	0	0	0	0	8	8
08:00 AM	0	0	0	0	0	0	1	0	0	1	0	1	0	0	1	0	2	0	0	2	0	0	0	0	0	0	4	4
08:15 AM	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4
08:30 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	4	4
08:45 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	7	0	0	7	0	0	0	0	0	0	8	8
Total	0	0	0	0	0	0	7	0	0	7	0	1	0	0	1	0	12	0	0	12	0	0	0	0	0	0	20	20
Grand Total	0	0	0	0	0	0	10	0	0	10	0	2	0	0	2	0	15	1	0	16	0	0	0	0	0	0	28	28
Apprch %	0	0	0			0	100	0			0	100	0			0	93.8	6.2										
Total %	0	0	0			0	35.7	0		35.7	0	7.1	0		7.1	0	53.6	3.6		57.1	0	0				0	100	

Start Time	Prospect Avenue Southbound				Imperial Highway Westbound				Prospect Avenue Northbound				Imperial Highway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:15 AM to 08:00 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:15 AM																	
07:15 AM	0	0	0	0	0	1	0	1	0	1	0	1	0	2	0	2	4
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
07:45 AM	0	0	0	0	0	2	0	2	0	0	0	0	0	0	1	1	3
08:00 AM	0	0	0	0	0	1	0	1	0	1	0	1	0	2	0	2	4
Total Volume	0	0	0	0	0	4	0	4	0	2	0	2	0	5	1	6	12
% App. Total	0	0	0		0	100	0		0	100	0		0	83.3	16.7		
PHF	.000	.000	.000	.000	.000	.500	.000	.500	.000	.500	.000	.500	.000	.625	.250	.750	.750

City of Yorba Linda
 N/S: Prospect Avenue
 E/W: Imperial Highway
 Weather: Clear

File Name : 02_YLA_Proc_Imp AM
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City of Yorba Linda
 N/S: Prospect Avenue
 E/W: Imperial Highway
 Weather: Clear

File Name : 02_YLA_Proc_Imp AM
 Site Code : 05122223
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Start Time	Prospect Avenue Southbound				Imperial Highway Westbound				Prospect Avenue Northbound				Imperial Highway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:15 AM to 08:00 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:15 AM				07:15 AM				07:15 AM				07:15 AM				
+0 mins.	0	0	0	0	0	1	0	1	0	1	0	1	0	2	0	2	
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
+30 mins.	0	0	0	0	0	2	0	2	0	0	0	0	0	0	1	1	
+45 mins.	0	0	0	0	0	1	0	1	0	1	0	1	0	2	0	2	
Total Volume	0	0	0	0	0	4	0	4	0	2	0	2	0	5	1	6	
% App. Total	0	0	0	0	0	100	0	0	0	100	0	0	0	83.3	16.7	0	
PHF	.000	.000	.000	.000	.000	.500	.000	.500	.000	.500	.000	.500	.000	.625	.250	.750	

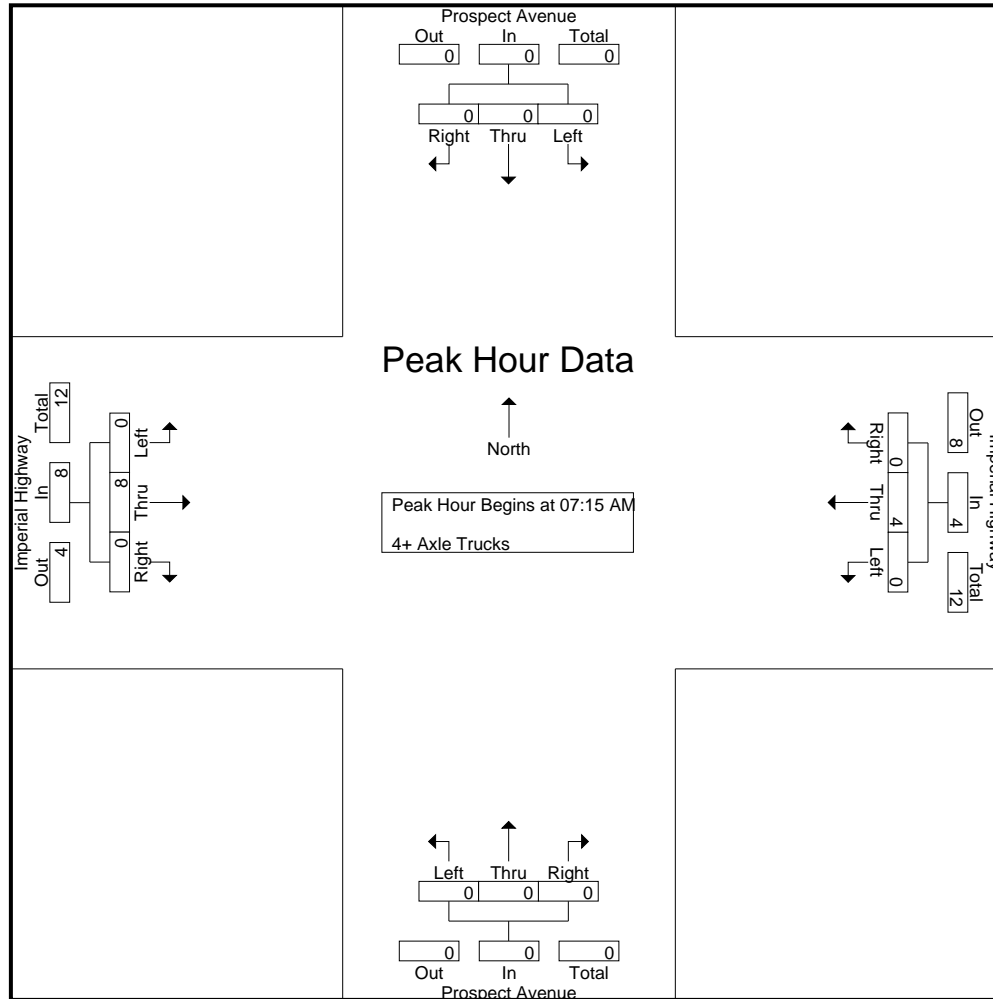
City of Yorba Linda
 N/S: Prospect Avenue
 E/W: Imperial Highway
 Weather: Clear

File Name : 02_YLA_Proc_Imp AM
 Site Code : 05122223
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Groups Printed- 4+ Axle Trucks

Start Time	Prospect Avenue Southbound					Imperial Highway Westbound					Prospect Avenue Northbound					Imperial Highway Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	7	0	7	7
07:15 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	3	0	0	3	0	4	4
07:30 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	3	3
07:45 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	3	3
Total	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	14	0	0	14	0	17	17
08:00 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	2	2
08:15 AM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	4	0	0	4	0	6	6
08:30 AM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2
08:45 AM	0	0	0	0	0	0	1	2	0	3	0	0	0	0	0	0	3	0	0	3	0	6	6
Total	0	0	0	0	0	0	6	2	0	8	0	0	0	0	0	0	8	0	0	8	0	16	16
Grand Total	0	0	0	0	0	0	9	2	0	11	0	0	0	0	0	0	22	0	0	22	0	33	33
Apprch %	0	0	0			0	81.8	18.2			0	0	0			0	100	0			0	100	
Total %	0	0	0			0	27.3	6.1		33.3	0	0	0		0	0	66.7	0		66.7	0	100	

Start Time	Prospect Avenue Southbound				Imperial Highway Westbound				Prospect Avenue Northbound				Imperial Highway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:15 AM to 08:00 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:15 AM																	
07:15 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	3	0	3	4
07:30 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	2	0	2	3
07:45 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	2	0	2	3
08:00 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1	2
Total Volume	0	0	0	0	0	4	0	4	0	0	0	0	0	8	0	8	12
% App. Total	0	0	0		0	100	0		0	0	0		0	100	0		
PHF	.000	.000	.000	.000	.000	1.00	.000	1.00	.000	.000	.000	.000	.000	.667	.000	.667	.750



City of Yorba Linda
 N/S: Prospect Avenue
 E/W: Imperial Highway
 Weather: Clear

File Name : 02_YLA_Proc_Imp AM
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Start Time	Prospect Avenue Southbound				Imperial Highway Westbound				Prospect Avenue Northbound				Imperial Highway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:15 AM to 08:00 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:15 AM				07:15 AM				07:15 AM				07:15 AM				
+0 mins.	0	0	0	0	0	1	0	1	0	0	0	0	0	3	0	3	
+15 mins.	0	0	0	0	0	1	0	1	0	0	0	0	0	2	0	2	
+30 mins.	0	0	0	0	0	1	0	1	0	0	0	0	0	2	0	2	
+45 mins.	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1	
Total Volume	0	0	0	0	0	4	0	4	0	0	0	0	0	8	0	8	
% App. Total	0	0	0	0	0	100	0	100	0	0	0	0	0	100	0	100	
PHF	.000	.000	.000	.000	.000	1.000	.000	1.000	.000	.000	.000	.000	.000	.667	.000	.667	

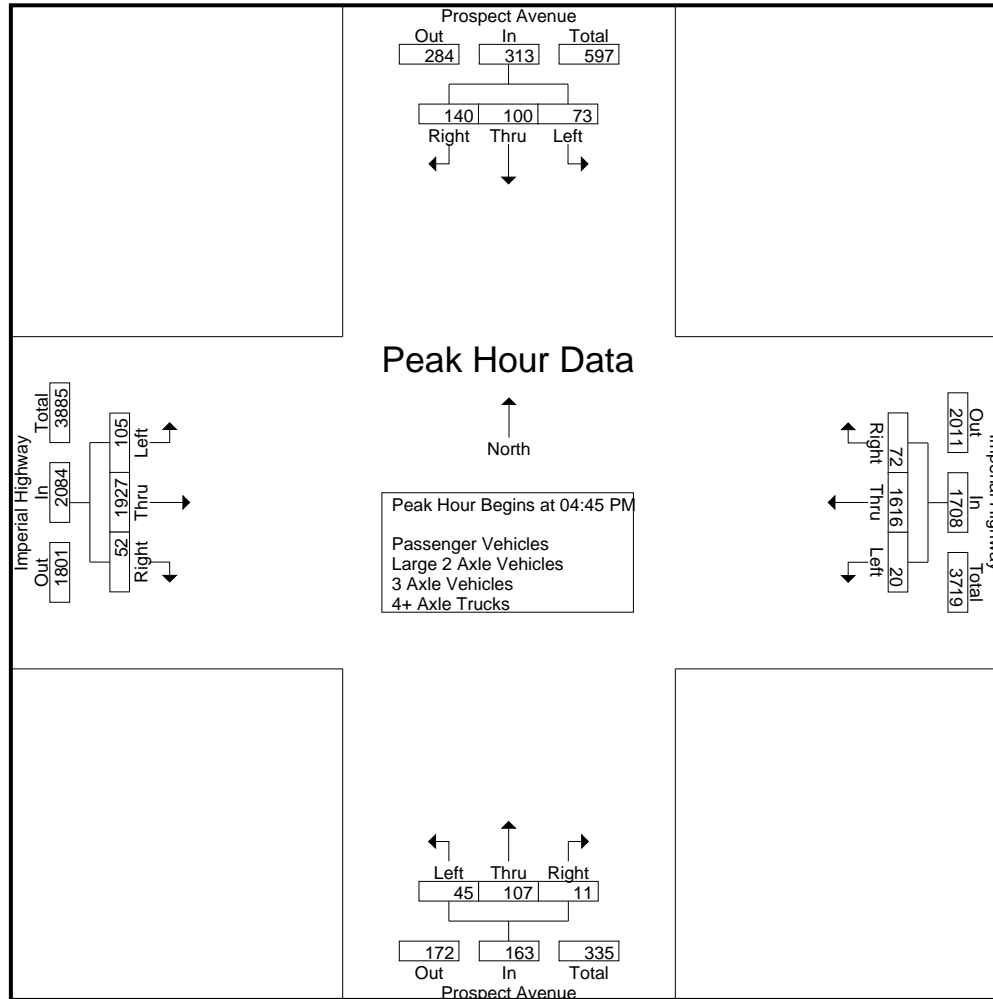
City of Yorba Linda
 N/S: Prospect Avenue
 E/W: Imperial Highway
 Weather: Clear

File Name : 02_YLA_Prosp_Imp PM
 Site Code : 05122223
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Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

Start Time	Prospect Avenue Southbound					Imperial Highway Westbound					Prospect Avenue Northbound					Imperial Highway Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	23	21	18	7	62	4	370	17	3	391	7	17	4	2	28	16	402	10	0	428	12	909	921
04:15 PM	26	15	36	15	77	6	385	28	1	419	5	42	5	1	52	35	376	8	1	419	18	967	985
04:30 PM	29	29	42	18	100	7	351	17	3	375	11	23	2	2	36	25	430	22	5	477	28	988	1016
04:45 PM	22	16	33	18	71	6	385	25	3	416	9	36	6	4	51	28	473	10	2	511	27	1049	1076
Total	100	81	129	58	310	23	1491	87	10	1601	32	118	17	9	167	104	1681	50	8	1835	85	3913	3998
05:00 PM	21	43	43	11	107	3	395	17	2	415	5	26	2	0	33	23	456	16	2	495	15	1050	1065
05:15 PM	13	16	34	16	63	8	415	16	0	439	22	26	2	0	50	27	539	10	1	576	17	1128	1145
05:30 PM	17	25	30	8	72	3	421	14	0	438	9	19	1	1	29	27	459	16	0	502	9	1041	1050
05:45 PM	21	17	15	10	53	5	363	16	1	384	9	15	3	1	27	25	410	12	0	447	12	911	923
Total	72	101	122	45	295	19	1594	63	3	1676	45	86	8	2	139	102	1864	54	3	2020	53	4130	4183
Grand Total	172	182	251	103	605	42	3085	150	13	3277	77	204	25	11	306	206	3545	104	11	3855	138	8043	8181
Apprch %	28.4	30.1	41.5			1.3	94.1	4.6			25.2	66.7	8.2			5.3	92	2.7					
Total %	2.1	2.3	3.1		7.5	0.5	38.4	1.9		40.7	1	2.5	0.3		3.8	2.6	44.1	1.3		47.9	1.7	98.3	
Passenger Vehicles	167	181	244		693	42	3051	148		3254	77	202	25		315	203	3527	104		3845	0	0	8107
% Passenger Vehicles	97.1	99.5	97.2	98.1	97.9	100	98.9	98.7	100	98.9	100	99	100	100	99.4	98.5	99.5	100	100	99.5	0	0	99.1
Large 2 Axle Vehicles	5	0	6		13	0	29	1		30	0	2	0		2	2	10	0		12	0	0	57
% Large 2 Axle Vehicles	2.9	0	2.4	1.9	1.8	0	0.9	0.7	0	0.9	0	1	0	0	0.6	1	0.3	0	0	0.3	0	0	0.7
3 Axle Vehicles	0	1	0		1	0	1	1		2	0	0	0		0	0	5	0		5	0	0	8
% 3 Axle Vehicles	0	0.5	0	0	0.1	0	0	0.7	0	0.1	0	0	0	0	0	0	0.1	0	0	0.1	0	0	0.1
4+ Axle Trucks	0	0	1		1	0	4	0		4	0	0	0		0	1	3	0		4	0	0	9
% 4+ Axle Trucks	0	0	0.4	0	0.1	0	0.1	0	0	0.1	0	0	0	0	0	0.5	0.1	0	0	0.1	0	0	0.1

Start Time	Prospect Avenue Southbound				Imperial Highway Westbound				Prospect Avenue Northbound				Imperial Highway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	22	16	33	71	6	385	25	416	9	36	6	51	28	473	10	511	1049
05:00 PM	21	43	43	107	3	395	17	415	5	26	2	33	23	456	16	495	1050
05:15 PM	13	16	34	63	8	415	16	439	22	26	2	50	27	539	10	576	1128
05:30 PM	17	25	30	72	3	421	14	438	9	19	1	29	27	459	16	502	1041
Total Volume	73	100	140	313	20	1616	72	1708	45	107	11	163	105	1927	52	2084	4268
% App. Total	23.3	31.9	44.7		1.2	94.6	4.2		27.6	65.6	6.7		5	92.5	2.5		
PHF	.830	.581	.814	.731	.625	.960	.720	.973	.511	.743	.458	.799	.938	.894	.813	.905	.946



City of Yorba Linda
 N/S: Prospect Avenue
 E/W: Imperial Highway
 Weather: Clear

File Name : 02_YLA_Proc_Imp PM
 Site Code : 05122223
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Start Time	Prospect Avenue Southbound				Imperial Highway Westbound				Prospect Avenue Northbound				Imperial Highway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:15 PM				04:45 PM				04:15 PM				04:45 PM				
+0 mins.	26	15	36	77	6	385	25	416	5	42	5	52	28	473	10	511	
+15 mins.	29	29	42	100	3	395	17	415	11	23	2	36	23	456	16	495	
+30 mins.	22	16	33	71	8	415	16	439	9	36	6	51	27	539	10	576	
+45 mins.	21	43	43	107	3	421	14	438	5	26	2	33	27	459	16	502	
Total Volume	98	103	154	355	20	1616	72	1708	30	127	15	172	105	1927	52	2084	
% App. Total	27.6	29	43.4		1.2	94.6	4.2		17.4	73.8	8.7		5	92.5	2.5		
PHF	.845	.599	.895	.829	.625	.960	.720	.973	.682	.756	.625	.827	.938	.894	.813	.905	

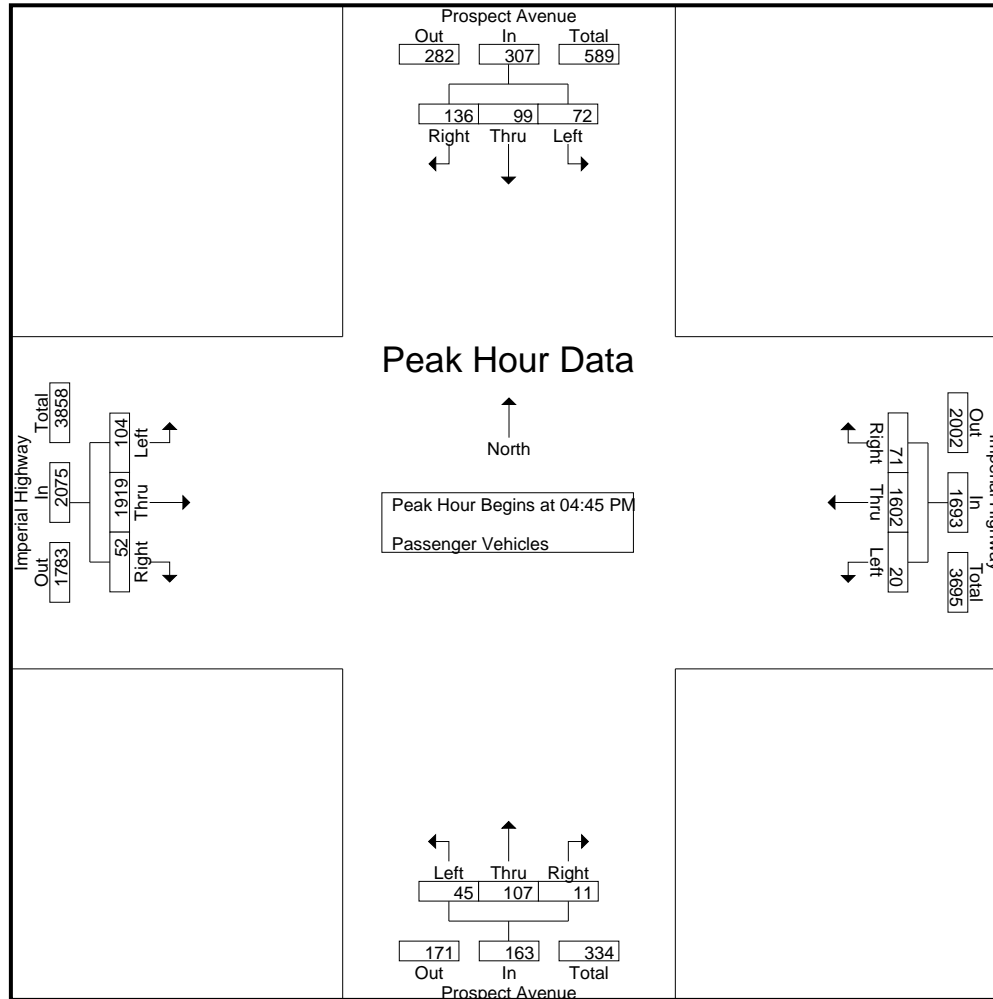
City of Yorba Linda
 N/S: Prospect Avenue
 E/W: Imperial Highway
 Weather: Clear

File Name : 02_YLA_Proc_Imp PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

Groups Printed- Passenger Vehicles

Start Time	Prospect Avenue Southbound					Imperial Highway Westbound					Prospect Avenue Northbound					Imperial Highway Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	23	21	17	6	61	4	363	17	3	384	7	16	4	2	27	14	400	10	0	424	11	896	907
04:15 PM	25	15	34	15	74	6	379	28	1	413	5	41	5	1	51	35	372	8	1	415	18	953	971
04:30 PM	26	29	42	18	97	7	346	16	3	369	11	23	2	2	36	25	427	22	5	474	28	976	1004
04:45 PM	21	16	31	17	68	6	381	24	3	411	9	36	6	4	51	27	472	10	2	509	26	1039	1065
Total	95	81	124	56	300	23	1469	85	10	1577	32	116	17	9	165	101	1671	50	8	1822	83	3864	3947
05:00 PM	21	42	43	11	106	3	393	17	2	413	5	26	2	0	33	23	453	16	2	492	15	1044	1059
05:15 PM	13	16	32	16	61	8	411	16	0	435	22	26	2	0	50	27	537	10	1	574	17	1120	1137
05:30 PM	17	25	30	8	72	3	417	14	0	434	9	19	1	1	29	27	457	16	0	500	9	1035	1044
05:45 PM	21	17	15	10	53	5	361	16	1	382	9	15	3	1	27	25	409	12	0	446	12	908	920
Total	72	100	120	45	292	19	1582	63	3	1664	45	86	8	2	139	102	1856	54	3	2012	53	4107	4160
Grand Total	167	181	244	101	592	42	3051	148	13	3241	77	202	25	11	304	203	3527	104	11	3834	136	7971	8107
Apprch %	28.2	30.6	41.2			1.3	94.1	4.6			25.3	66.4	8.2			5.3	92	2.7					
Total %	2.1	2.3	3.1		7.4	0.5	38.3	1.9		40.7	1	2.5	0.3		3.8	2.5	44.2	1.3		48.1	1.7	98.3	

Start Time	Prospect Avenue Southbound				Imperial Highway Westbound				Prospect Avenue Northbound				Imperial Highway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:30 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	21	16	31	68	6	381	24	411	9	36	6	51	27	472	10	509	1039
05:00 PM	21	42	43	106	3	393	17	413	5	26	2	33	23	453	16	492	1044
05:15 PM	13	16	32	61	8	411	16	435	22	26	2	50	27	537	10	574	1120
05:30 PM	17	25	30	72	3	417	14	434	9	19	1	29	27	457	16	500	1035
Total Volume	72	99	136	307	20	1602	71	1693	45	107	11	163	104	1919	52	2075	4238
% App. Total	23.5	32.2	44.3		1.2	94.6	4.2		27.6	65.6	6.7		5	92.5	2.5		
PHF	.857	.589	.791	.724	.625	.960	.740	.973	.511	.743	.458	.799	.963	.893	.813	.904	.946



City of Yorba Linda
 N/S: Prospect Avenue
 E/W: Imperial Highway
 Weather: Clear

File Name : 02_YLA_Pros_Imp PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Prospect Avenue Southbound				Imperial Highway Westbound				Prospect Avenue Northbound				Imperial Highway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:30 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:30 PM				04:45 PM				04:30 PM				04:45 PM				
+0 mins.	26	29	42	97	6	381	24	411	11	23	2	36	27	472	10	509	
+15 mins.	21	16	31	68	3	393	17	413	9	36	6	51	23	453	16	492	
+30 mins.	21	42	43	106	8	411	16	435	5	26	2	33	27	537	10	574	
+45 mins.	13	16	32	61	3	417	14	434	22	26	2	50	27	457	16	500	
Total Volume	81	103	148	332	20	1602	71	1693	47	111	12	170	104	1919	52	2075	
% App. Total	24.4	31	44.6		1.2	94.6	4.2		27.6	65.3	7.1		5	92.5	2.5		
PHF	.779	.613	.860	.783	.625	.960	.740	.973	.534	.771	.500	.833	.963	.893	.813	.904	

City of Yorba Linda
 N/S: Prospect Avenue
 E/W: Imperial Highway
 Weather: Clear

File Name : 02_YLA_Proc_Imp PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

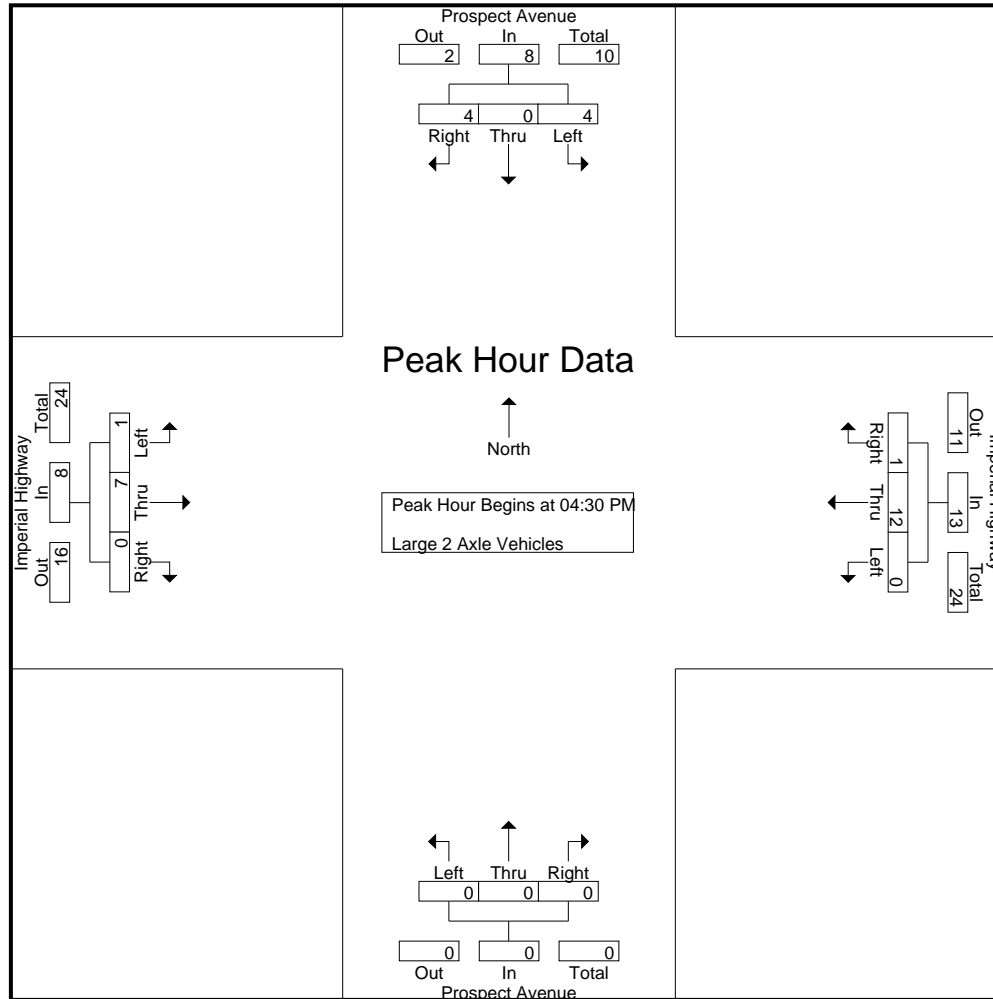
Groups Printed- Large 2 Axle Vehicles

Start Time	Prospect Avenue Southbound					Imperial Highway Westbound					Prospect Avenue Northbound					Imperial Highway Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	0	0	1	1	1	0	7	0	0	7	0	1	0	0	1	1	0	0	0	1	1	10	11
04:15 PM	1	0	1	0	2	0	5	0	0	5	0	1	0	0	1	0	1	0	0	1	0	9	9
04:30 PM	3	0	0	0	3	0	4	0	0	4	0	0	0	0	0	0	2	0	0	2	0	9	9
04:45 PM	1	0	2	1	3	0	3	1	0	4	0	0	0	0	0	1	1	0	0	2	1	9	10
Total	5	0	4	2	9	0	19	1	0	20	0	2	0	0	2	2	4	0	0	6	2	37	39
05:00 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	0	4	4
05:15 PM	0	0	2	0	2	0	3	0	0	3	0	0	0	0	0	0	2	0	0	2	0	7	7
05:30 PM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	1	0	0	1	0	4	4
05:45 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	0	3	3
Total	0	0	2	0	2	0	10	0	0	10	0	0	0	0	0	0	6	0	0	6	0	18	18
Grand Total	5	0	6	2	11	0	29	1	0	30	0	2	0	0	2	2	10	0	0	12	2	55	57
Apprch %	45.5	0	54.5			0	96.7	3.3			0	100	0			16.7	83.3	0					
Total %	9.1	0	10.9		20	0	52.7	1.8		54.5	0	3.6	0		3.6	3.6	18.2	0		21.8	3.5	96.5	

Start Time	Prospect Avenue Southbound				Imperial Highway Westbound				Prospect Avenue Northbound				Imperial Highway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:30 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	3	0	0	3	0	4	0	4	0	0	0	0	0	2	0	2	9
04:45 PM	1	0	2	3	0	3	1	4	0	0	0	0	1	1	0	2	9
05:00 PM	0	0	0	0	0	2	0	2	0	0	0	0	0	2	0	2	4
05:15 PM	0	0	2	2	0	3	0	3	0	0	0	0	0	2	0	2	7
Total Volume	4	0	4	8	0	12	1	13	0	0	0	0	1	7	0	8	29
% App. Total	50	0	50		0	92.3	7.7		0	0	0		12.5	87.5	0		
PHF	.333	.000	.500	.667	.000	.750	.250	.813	.000	.000	.000	.000	.250	.875	.000	1.00	.806

City of Yorba Linda
 N/S: Prospect Avenue
 E/W: Imperial Highway
 Weather: Clear

File Name : 02_YLA_Proc_Imp PM
 Site Code : 05122223
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City of Yorba Linda
 N/S: Prospect Avenue
 E/W: Imperial Highway
 Weather: Clear

File Name : 02_YLA_Proc_Imp PM
 Site Code : 05122223
 Start Date : 3/15/2022
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Start Time	Prospect Avenue Southbound				Imperial Highway Westbound				Prospect Avenue Northbound				Imperial Highway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:30 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:30 PM				04:30 PM				04:30 PM				04:30 PM				
+0 mins.	3	0	0	3	0	4	0	4	0	0	0	0	0	2	0	2	
+15 mins.	1	0	2	3	0	3	1	4	0	0	0	0	1	1	0	2	
+30 mins.	0	0	0	0	0	2	0	2	0	0	0	0	0	2	0	2	
+45 mins.	0	0	2	2	0	3	0	3	0	0	0	0	0	2	0	2	
Total Volume	4	0	4	8	0	12	1	13	0	0	0	0	1	7	0	8	
% App. Total	50	0	50		0	92.3	7.7		0	0	0		12.5	87.5	0		
PHF	.333	.000	.500	.667	.000	.750	.250	.813	.000	.000	.000	.000	.250	.875	.000	1.000	

City of Yorba Linda
 N/S: Prospect Avenue
 E/W: Imperial Highway
 Weather: Clear

File Name : 02_YLA_Proc_Imp PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

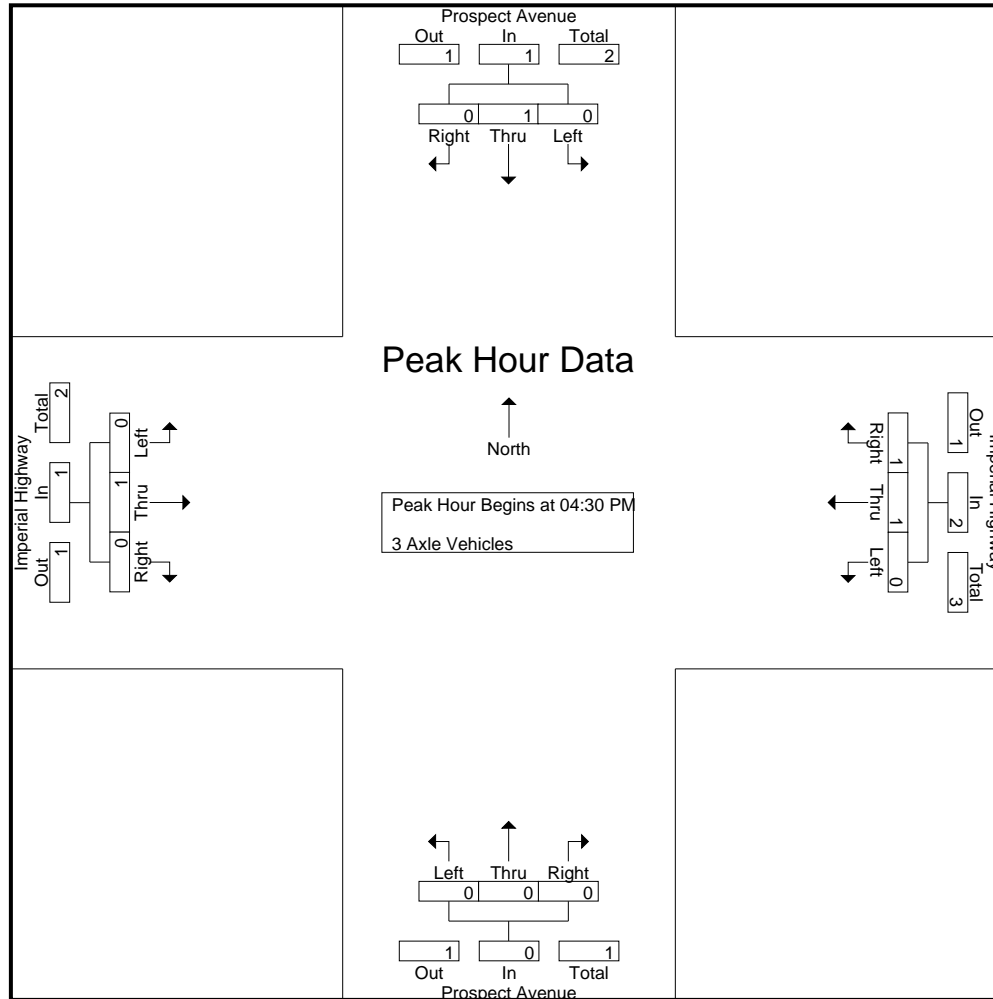
Groups Printed- 3 Axle Vehicles

Start Time	Prospect Avenue Southbound					Imperial Highway Westbound					Prospect Avenue Northbound					Imperial Highway Eastbound					Exclu. Total	Inclu. Total	Int. Total	
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total				
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	1
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	3	3
04:30 PM	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	1	0	0	1	0	0	3	3
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	5	0	0	5	0	0	7	7
05:00 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Grand Total	0	1	0	0	1	0	1	1	0	2	0	0	0	0	0	0	5	0	0	5	0	0	8	8
Apprch %	0	100	0			0	50	50			0	0	0			0	100	0			0	0		
Total %	0	12.5	0		12.5	0	12.5	12.5		25	0	0	0		0	0	62.5	0		62.5	0	0	100	

Start Time	Prospect Avenue Southbound				Imperial Highway Westbound				Prospect Avenue Northbound				Imperial Highway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:30 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	0	0	0	0	0	1	1	2	0	0	0	0	0	1	0	1	3
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00 PM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	1	0	1	0	1	1	2	0	0	0	0	0	1	0	1	4
% App. Total	0	100	0		0	50	50		0	0	0		0	100	0		
PHF	.000	.250	.000	.250	.000	.250	.250	.250	.000	.000	.000	.000	.000	.250	.000	.250	.333

City of Yorba Linda
 N/S: Prospect Avenue
 E/W: Imperial Highway
 Weather: Clear

File Name : 02_YLA_Proc_Imp PM
 Site Code : 05122223
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City of Yorba Linda
 N/S: Prospect Avenue
 E/W: Imperial Highway
 Weather: Clear

File Name : 02_YLA_Proc_Imp PM
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Start Time	Prospect Avenue Southbound				Imperial Highway Westbound				Prospect Avenue Northbound				Imperial Highway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:30 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:30 PM				04:30 PM				04:30 PM				04:30 PM				
+0 mins.	0	0	0	0	0	1	1	2	0	0	0	0	0	1	0	1	
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
+30 mins.	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total Volume	0	1	0	1	0	1	1	2	0	0	0	0	0	1	0	1	
% App. Total	0	100	0		0	50	50		0	0	0		0	100	0		
PHF	.000	.250	.000	.250	.000	.250	.250	.250	.000	.000	.000	.000	.000	.250	.000	.250	

City of Yorba Linda
 N/S: Prospect Avenue
 E/W: Imperial Highway
 Weather: Clear

File Name : 02_YLA_Proc_Imp PM
 Site Code : 05122223
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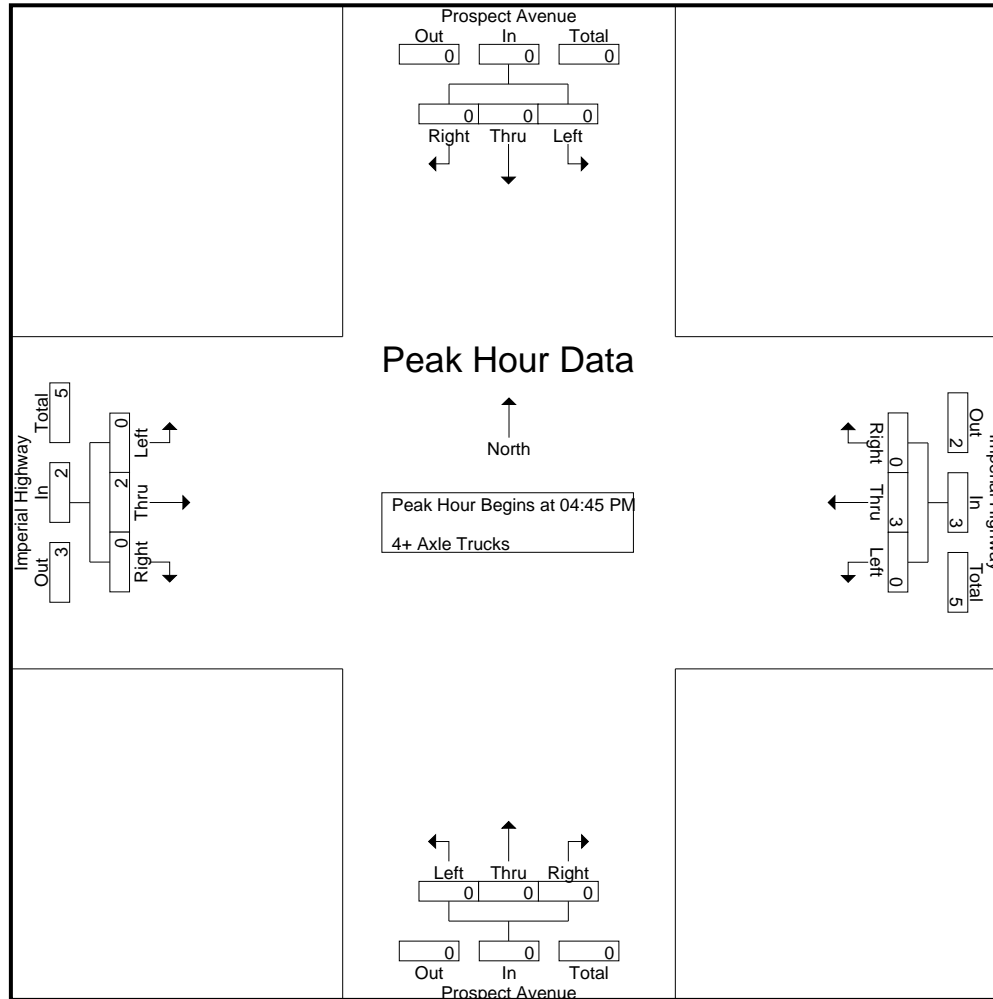
Groups Printed- 4+ Axle Trucks

Start Time	Prospect Avenue Southbound					Imperial Highway Westbound					Prospect Avenue Northbound					Imperial Highway Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	0	2	2
04:15 PM	0	0	1	0	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	2
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1
Total	0	0	1	0	1	0	2	0	0	2	0	0	0	0	0	1	1	0	0	2	0	5	5
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	1
05:15 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1
05:30 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	2	2
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	0	4	4
Grand Total	0	0	1	0	1	0	4	0	0	4	0	0	0	0	0	1	3	0	0	4	0	9	9
Apprch %	0	0	100			0	100	0			0	0	0			25	75	0					
Total %	0	0	11.1		11.1	0	44.4	0		44.4	0	0	0		0	11.1	33.3	0		44.4	0	100	

Start Time	Prospect Avenue Southbound				Imperial Highway Westbound				Prospect Avenue Northbound				Imperial Highway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:30 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
05:15 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
05:30 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1	2
Total Volume	0	0	0	0	0	3	0	3	0	0	0	0	0	2	0	2	5
% App. Total	0	0	0	0	0	100	0		0	0	0		0	100	0		
PHF	.000	.000	.000	.000	.000	.750	.000	.750	.000	.000	.000	.000	.000	.500	.000	.500	.625

City of Yorba Linda
 N/S: Prospect Avenue
 E/W: Imperial Highway
 Weather: Clear

File Name : 02_YLA_Proc_Imp PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Prospect Avenue
 E/W: Imperial Highway
 Weather: Clear

File Name : 02_YLA_Proc_Imp PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Prospect Avenue Southbound				Imperial Highway Westbound				Prospect Avenue Northbound				Imperial Highway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:30 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:30 PM				04:45 PM				04:30 PM				04:45 PM				
+0 mins.	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
+30 mins.	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	
+45 mins.	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1	
Total Volume	0	0	0	0	0	3	0	3	0	0	0	0	0	2	0	2	
% App. Total	0	0	0	0	0	100	0	0	0	0	0	0	0	100	0	0	
PHF	.000	.000	.000	.000	.000	.750	.000	.750	.000	.000	.000	.000	.000	.500	.000	.500	

Location: Yorba Linda
 N/S: Prospect Avenue
 E/W: Imperial Highway



Date: 3/15/2022
 Day: Tuesday

PEDESTRIANS

	North Leg Prospect Avenue Pedestrians	East Leg Imperial Highway Pedestrians	South Leg Prospect Avenue Pedestrians	West Leg Imperial Highway Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	1	0	0	1
7:30 AM	0	0	0	0	0
7:45 AM	0	0	0	0	0
8:00 AM	0	0	0	1	1
8:15 AM	1	1	0	1	3
8:30 AM	0	0	0	0	0
8:45 AM	0	0	0	1	1
TOTAL VOLUMES:	1	2	0	3	6

	North Leg Prospect Avenue Pedestrians	East Leg Imperial Highway Pedestrians	South Leg Prospect Avenue Pedestrians	West Leg Imperial Highway Pedestrians	
4:00 PM	2	2	0	3	7
4:15 PM	0	1	0	1	2
4:30 PM	0	0	0	0	0
4:45 PM	0	0	0	0	0
5:00 PM	0	0	0	2	2
5:15 PM	0	0	0	0	0
5:30 PM	0	0	0	0	0
5:45 PM	0	1	1	0	2
TOTAL VOLUMES:	2	4	1	6	13

Location: Yorba Linda
 N/S: Prospect Avenue
 E/W: Imperial Highway



Date: 3/15/2022
 Day: Tuesday

BICYCLES

	Southbound Prospect Avenue			Westbound Imperial Highway			Northbound Prospect Avenue			Eastbound Imperial Highway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	2	0	0	0	0	2
7:45 AM	0	1	0	0	0	0	0	0	0	0	0	0	1
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	1	0	0	0	0	0	3	0	0	0	0	4

	Southbound Prospect Avenue			Westbound Imperial Highway			Northbound Prospect Avenue			Eastbound Imperial Highway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	1	0	0	0	0	0	0	1
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	1	0	0	0	0	0	1	0	0	0	0	2
4:45 PM	0	1	0	0	0	0	0	1	0	0	0	0	2
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	3	0	0	0	1	0	2	0	0	0	0	6

City of Yorba Linda
 N/S: Imperial Highway
 E/W: Bastanchury Road
 Weather: Clear

File Name : 03_YLA_Imp_Bast AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

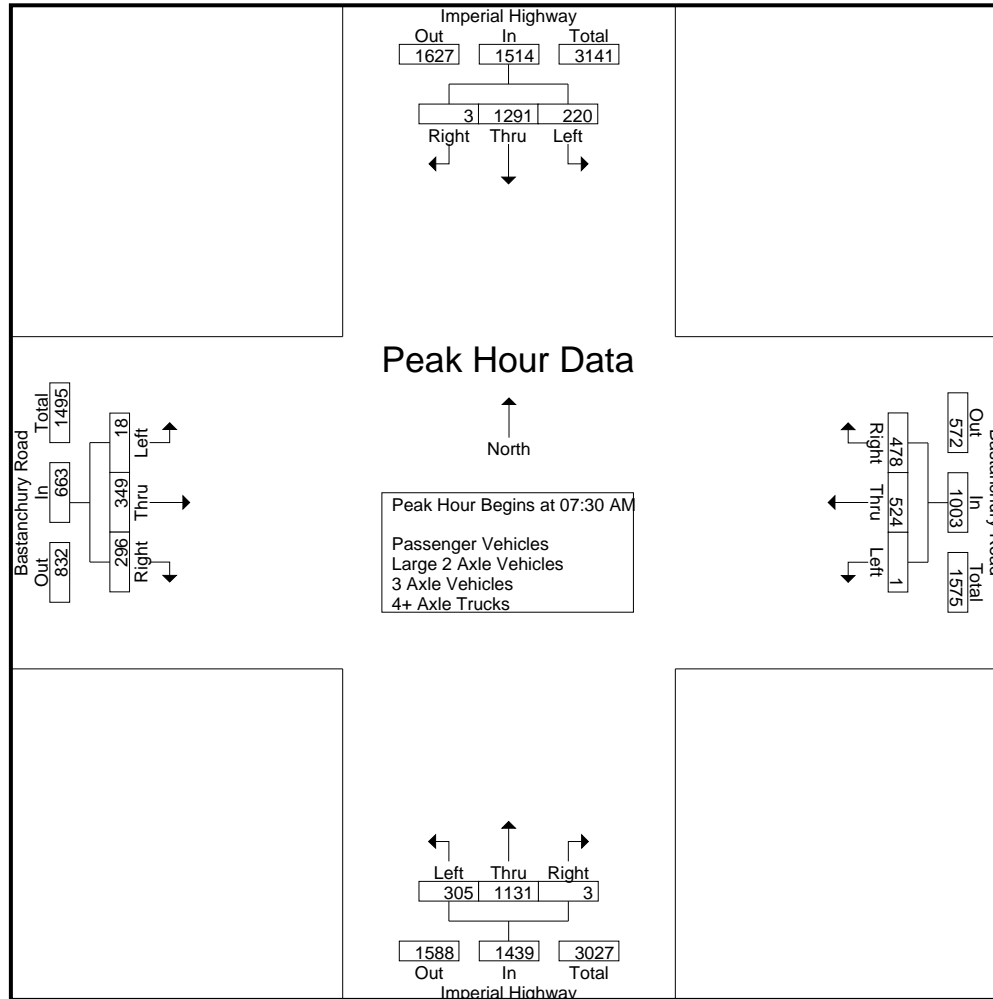
Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

Start Time	Imperial Highway Southbound					Bastanchury Road Westbound					Imperial Highway Northbound					Bastanchury Road Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	30	233	1	0	264	0	54	97	53	151	32	199	1	0	232	1	38	21	11	60	64	707	771
07:15 AM	41	285	0	0	326	0	106	117	52	223	66	221	0	0	287	3	42	49	26	94	78	930	1008
07:30 AM	58	326	0	0	384	1	189	140	50	330	102	279	0	0	381	2	90	56	14	148	64	1243	1307
07:45 AM	58	354	1	0	413	0	110	105	29	215	64	300	1	0	365	6	96	88	20	190	49	1183	1232
Total	187	1198	2	0	1387	1	459	459	184	919	264	999	2	0	1265	12	266	214	71	492	255	4063	4318
08:00 AM	57	327	2	0	386	0	108	116	23	224	78	272	2	0	352	8	83	64	16	155	39	1117	1156
08:15 AM	47	284	0	0	331	0	117	117	37	234	61	280	0	0	341	2	80	88	27	170	64	1076	1140
08:30 AM	69	288	2	0	359	1	79	126	49	206	42	218	1	0	261	2	42	69	36	113	85	939	1024
08:45 AM	63	293	1	0	357	0	74	94	48	168	69	255	1	0	325	1	63	49	20	113	68	963	1031
Total	236	1192	5	0	1433	1	378	453	157	832	250	1025	4	0	1279	13	268	270	99	551	256	4095	4351
Grand Total	423	2390	7	0	2820	2	837	912	341	1751	514	2024	6	0	2544	25	534	484	170	1043	511	8158	8669
Apprch %	15	84.8	0.2			0.1	47.8	52.1			20.2	79.6	0.2			2.4	51.2	46.4					
Total %	5.2	29.3	0.1		34.6	0	10.3	11.2		21.5	6.3	24.8	0.1		31.2	0.3	6.5	5.9		12.8	5.9	94.1	
Passenger Vehicles	415	2304	7		2726	1	832	904		2075	507	1968	6		2481	25	519	477		1190	0	0	8472
% Passenger Vehicles	98.1	96.4	100	0	96.7	50	99.4	99.1	99.1	99.2	98.6	97.2	100	0	97.5	100	97.2	98.6	99.4	98.1	0	0	97.7
Large 2 Axle Vehicles	7	49	0		56	1	5	7		16	4	40	0		44	0	14	6		21	0	0	137
% Large 2 Axle Vehicles	1.7	2.1	0	0	2	50	0.6	0.8	0.9	0.8	0.8	2	0	0	1.7	0	2.6	1.2	0.6	1.7	0	0	1.6
3 Axle Vehicles	1	14	0		15	0	0	1		1	2	7	0		9	0	1	1		2	0	0	27
% 3 Axle Vehicles	0.2	0.6	0	0	0.5	0	0	0.1	0	0	0.4	0.3	0	0	0.4	0	0.2	0.2	0	0.2	0	0	0.3
4+ Axle Trucks	0	23	0		23	0	0	0		0	1	9	0		10	0	0	0		0	0	0	33
% 4+ Axle Trucks	0	1	0	0	0.8	0	0	0	0	0	0.2	0.4	0	0	0.4	0	0	0	0	0	0	0	0.4

Start Time	Imperial Highway Southbound				Bastanchury Road Westbound				Imperial Highway Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	58	326	0	384	1	189	140	330	102	279	0	381	2	90	56	148	1243
07:45 AM	58	354	1	413	0	110	105	215	64	300	1	365	6	96	88	190	1183
08:00 AM	57	327	2	386	0	108	116	224	78	272	2	352	8	83	64	155	1117
08:15 AM	47	284	0	331	0	117	117	234	61	280	0	341	2	80	88	170	1076
Total Volume	220	1291	3	1514	1	524	478	1003	305	1131	3	1439	18	349	296	663	4619
% App. Total	14.5	85.3	0.2		0.1	52.2	47.7		21.2	78.6	0.2		2.7	52.6	44.6		
PHF	.948	.912	.375	.916	.250	.693	.854	.760	.748	.943	.375	.944	.563	.909	.841	.872	.929

City of Yorba Linda
 N/S: Imperial Highway
 E/W: Bastanchury Road
 Weather: Clear

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City of Yorba Linda
 N/S: Imperial Highway
 E/W: Bastanchury Road
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File Name : 03_YLA_Imp_Bast AM
 Site Code : 05122223
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Start Time	Imperial Highway Southbound				Bastanchury Road Westbound				Imperial Highway Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:30 AM				07:30 AM				07:30 AM				07:30 AM				
+0 mins.	58	326	0	384	1	189	140	330	102	279	0	381	2	90	56	148	
+15 mins.	58	354	1	413	0	110	105	215	64	300	1	365	6	96	88	190	
+30 mins.	57	327	2	386	0	108	116	224	78	272	2	352	8	83	64	155	
+45 mins.	47	284	0	331	0	117	117	234	61	280	0	341	2	80	88	170	
Total Volume	220	1291	3	1514	1	524	478	1003	305	1131	3	1439	18	349	296	663	
% App. Total	14.5	85.3	0.2		0.1	52.2	47.7		21.2	78.6	0.2		2.7	52.6	44.6		
PHF	.948	.912	.375	.916	.250	.693	.854	.760	.748	.943	.375	.944	.563	.909	.841	.872	

City of Yorba Linda
 N/S: Imperial Highway
 E/W: Bastanchury Road
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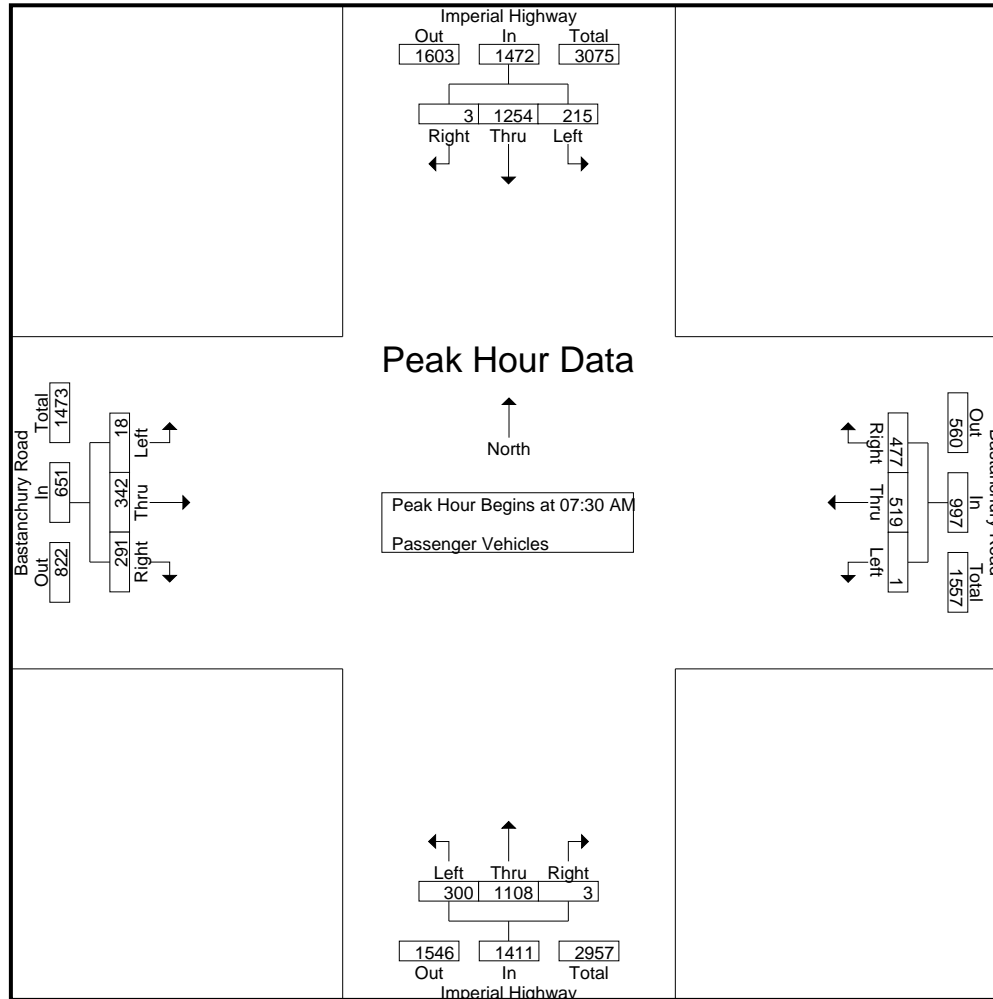
Groups Printed- Passenger Vehicles

Start Time	Imperial Highway Southbound					Bastanchury Road Westbound					Imperial Highway Northbound					Bastanchury Road Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	29	221	1	0	251	0	54	96	52	150	32	196	1	0	229	1	37	21	11	59	63	689	752
07:15 AM	40	275	0	0	315	0	106	116	52	222	65	214	0	0	279	3	39	49	26	91	78	907	985
07:30 AM	56	318	0	0	374	1	187	140	50	328	101	277	0	0	378	2	88	55	14	145	64	1225	1289
07:45 AM	56	345	1	0	402	0	109	105	29	214	64	289	1	0	354	6	94	86	20	186	49	1156	1205
Total	181	1159	2	0	1342	1	456	457	183	914	262	976	2	0	1240	12	258	211	71	481	254	3977	4231
08:00 AM	56	316	2	0	374	0	107	116	23	223	74	271	2	0	347	8	83	62	16	153	39	1097	1136
08:15 AM	47	275	0	0	322	0	116	116	37	232	61	271	0	0	332	2	77	88	27	167	64	1053	1117
08:30 AM	69	280	2	0	351	0	79	123	48	202	42	210	1	0	253	2	39	67	35	108	83	914	997
08:45 AM	62	274	1	0	337	0	74	92	47	166	68	240	1	0	309	1	62	49	20	112	67	924	991
Total	234	1145	5	0	1384	0	376	447	155	823	245	992	4	0	1241	13	261	266	98	540	253	3988	4241
Grand Total	415	2304	7	0	2726	1	832	904	338	1737	507	1968	6	0	2481	25	519	477	169	1021	507	7965	8472
Apprch %	15.2	84.5	0.3			0.1	47.9	52			20.4	79.3	0.2			2.4	50.8	46.7					
Total %	5.2	28.9	0.1		34.2	0	10.4	11.3		21.8	6.4	24.7	0.1		31.1	0.3	6.5	6		12.8	6	94	

Start Time	Imperial Highway Southbound				Bastanchury Road Westbound				Imperial Highway Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	56	318	0	374	1	187	140	328	101	277	0	378	2	88	55	145	1225
07:45 AM	56	345	1	402	0	109	105	214	64	289	1	354	6	94	86	186	1156
08:00 AM	56	316	2	374	0	107	116	223	74	271	2	347	8	83	62	153	1097
08:15 AM	47	275	0	322	0	116	116	232	61	271	0	332	2	77	88	167	1053
Total Volume	215	1254	3	1472	1	519	477	997	300	1108	3	1411	18	342	291	651	4531
% App. Total	14.6	85.2	0.2		0.1	52.1	47.8		21.3	78.5	0.2		2.8	52.5	44.7		
PHF	.960	.909	.375	.915	.250	.694	.852	.760	.743	.958	.375	.933	.563	.910	.827	.875	.925

City of Yorba Linda
 N/S: Imperial Highway
 E/W: Bastanchury Road
 Weather: Clear

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City of Yorba Linda
 N/S: Imperial Highway
 E/W: Bastanchury Road
 Weather: Clear

File Name : 03_YLA_Imp_Bast AM
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Start Time	Imperial Highway Southbound				Bastanchury Road Westbound				Imperial Highway Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:30 AM				07:30 AM				07:30 AM				07:30 AM				
+0 mins.	56	318	0	374	1	187	140	328	101	277	0	378	2	88	55	145	
+15 mins.	56	345	1	402	0	109	105	214	64	289	1	354	6	94	86	186	
+30 mins.	56	316	2	374	0	107	116	223	74	271	2	347	8	83	62	153	
+45 mins.	47	275	0	322	0	116	116	232	61	271	0	332	2	77	88	167	
Total Volume	215	1254	3	1472	1	519	477	997	300	1108	3	1411	18	342	291	651	
% App. Total	14.6	85.2	0.2		0.1	52.1	47.8		21.3	78.5	0.2		2.8	52.5	44.7		
PHF	.960	.909	.375	.915	.250	.694	.852	.760	.743	.958	.375	.933	.563	.910	.827	.875	

City of Yorba Linda
 N/S: Imperial Highway
 E/W: Bastanchury Road
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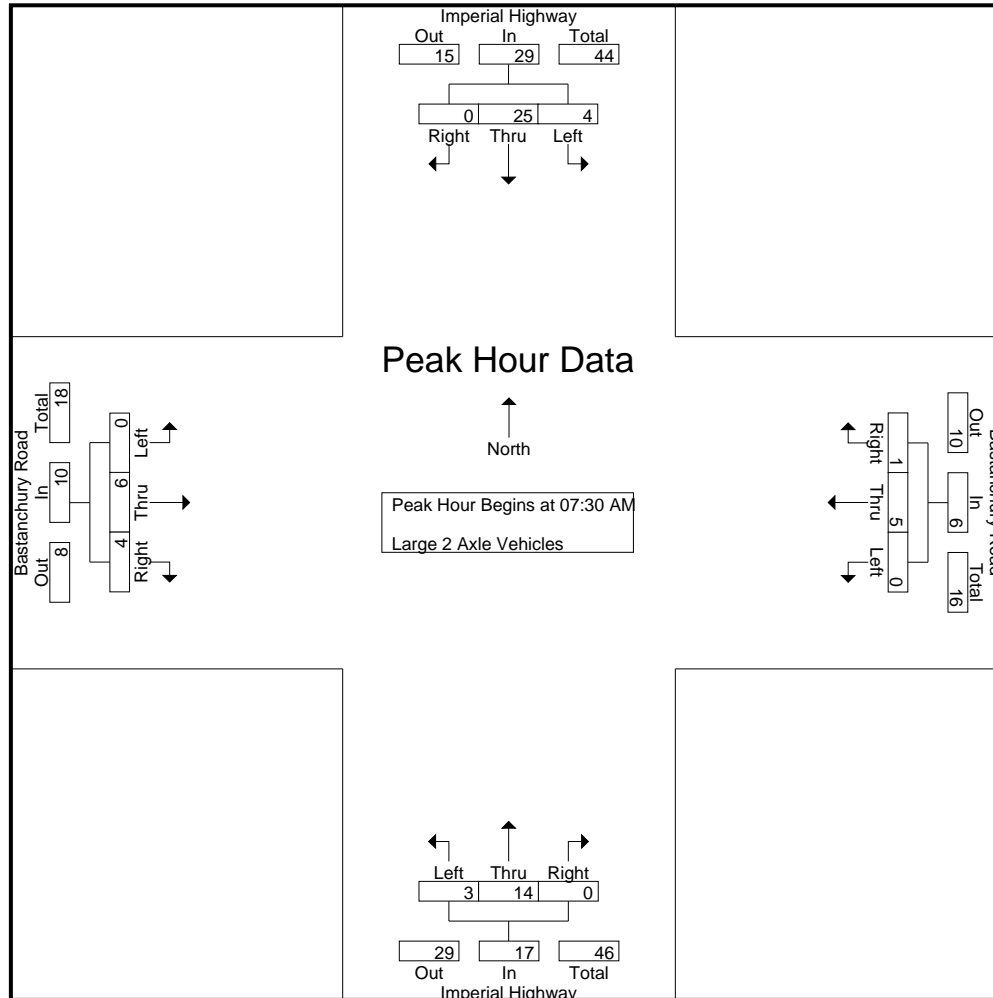
Groups Printed- Large 2 Axle Vehicles

Start Time	Imperial Highway Southbound					Bastanchury Road Westbound					Imperial Highway Northbound					Bastanchury Road Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	1	6	0	0	7	0	0	1	1	1	0	3	0	0	3	0	1	0	0	1	1	12	13
07:15 AM	1	4	0	0	5	0	0	1	0	1	1	5	0	0	6	0	3	0	0	3	0	15	15
07:30 AM	1	6	0	0	7	0	2	0	0	2	1	2	0	0	3	0	1	0	0	1	0	13	13
07:45 AM	2	7	0	0	9	0	1	0	0	1	0	8	0	0	8	0	2	2	0	4	0	22	22
Total	5	23	0	0	28	0	3	2	1	5	2	18	0	0	20	0	7	2	0	9	1	62	63
08:00 AM	1	8	0	0	9	0	1	0	0	1	2	0	0	0	2	0	0	2	0	2	0	14	14
08:15 AM	0	4	0	0	4	0	1	1	0	2	0	4	0	0	4	0	3	0	0	3	0	13	13
08:30 AM	0	5	0	0	5	1	0	3	1	4	0	6	0	0	6	0	3	2	1	5	2	20	22
08:45 AM	1	9	0	0	10	0	0	1	1	1	0	12	0	0	12	0	1	0	0	1	1	24	25
Total	2	26	0	0	28	1	2	5	2	8	2	22	0	0	24	0	7	4	1	11	3	71	74
Grand Total	7	49	0	0	56	1	5	7	3	13	4	40	0	0	44	0	14	6	1	20	4	133	137
Apprch %	12.5	87.5	0			7.7	38.5	53.8			9.1	90.9	0			0	70	30					
Total %	5.3	36.8	0		42.1	0.8	3.8	5.3		9.8	3	30.1	0		33.1	0	10.5	4.5		15	2.9	97.1	

Start Time	Imperial Highway Southbound				Bastanchury Road Westbound				Imperial Highway Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	1	6	0	7	0	2	0	2	1	2	0	3	0	1	0	1	13
07:45 AM	2	7	0	9	0	1	0	1	0	8	0	8	0	2	2	4	22
08:00 AM	1	8	0	9	0	1	0	1	2	0	0	2	0	0	2	2	14
08:15 AM	0	4	0	4	0	1	1	2	0	4	0	4	0	3	0	3	13
Total Volume	4	25	0	29	0	5	1	6	3	14	0	17	0	6	4	10	62
% App. Total	13.8	86.2	0		0	83.3	16.7		17.6	82.4	0		0	60	40		
PHF	.500	.781	.000	.806	.000	.625	.250	.750	.375	.438	.000	.531	.000	.500	.500	.625	.705

City of Yorba Linda
 N/S: Imperial Highway
 E/W: Bastanchury Road
 Weather: Clear

File Name : 03_YLA_Imp_Bast AM
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City of Yorba Linda
 N/S: Imperial Highway
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 Weather: Clear

File Name : 03_YLA_Imp_Bast AM
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Start Time	Imperial Highway Southbound				Bastanchury Road Westbound				Imperial Highway Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:30 AM				07:30 AM				07:30 AM				07:30 AM				
+0 mins.	1	6	0	7	0	2	0	2	1	2	0	3	0	1	0	1	
+15 mins.	2	7	0	9	0	1	0	1	0	8	0	8	0	2	2	4	
+30 mins.	1	8	0	9	0	1	0	1	2	0	0	2	0	0	2	2	
+45 mins.	0	4	0	4	0	1	1	2	0	4	0	4	0	3	0	3	
Total Volume	4	25	0	29	0	5	1	6	3	14	0	17	0	6	4	10	
% App. Total	13.8	86.2	0		0	83.3	16.7		17.6	82.4	0		0	60	40		
PHF	.500	.781	.000	.806	.000	.625	.250	.750	.375	.438	.000	.531	.000	.500	.500	.625	

City of Yorba Linda
 N/S: Imperial Highway
 E/W: Bastanchury Road
 Weather: Clear

File Name : 03_YLA_Imp_Bast AM
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 Page No : 1

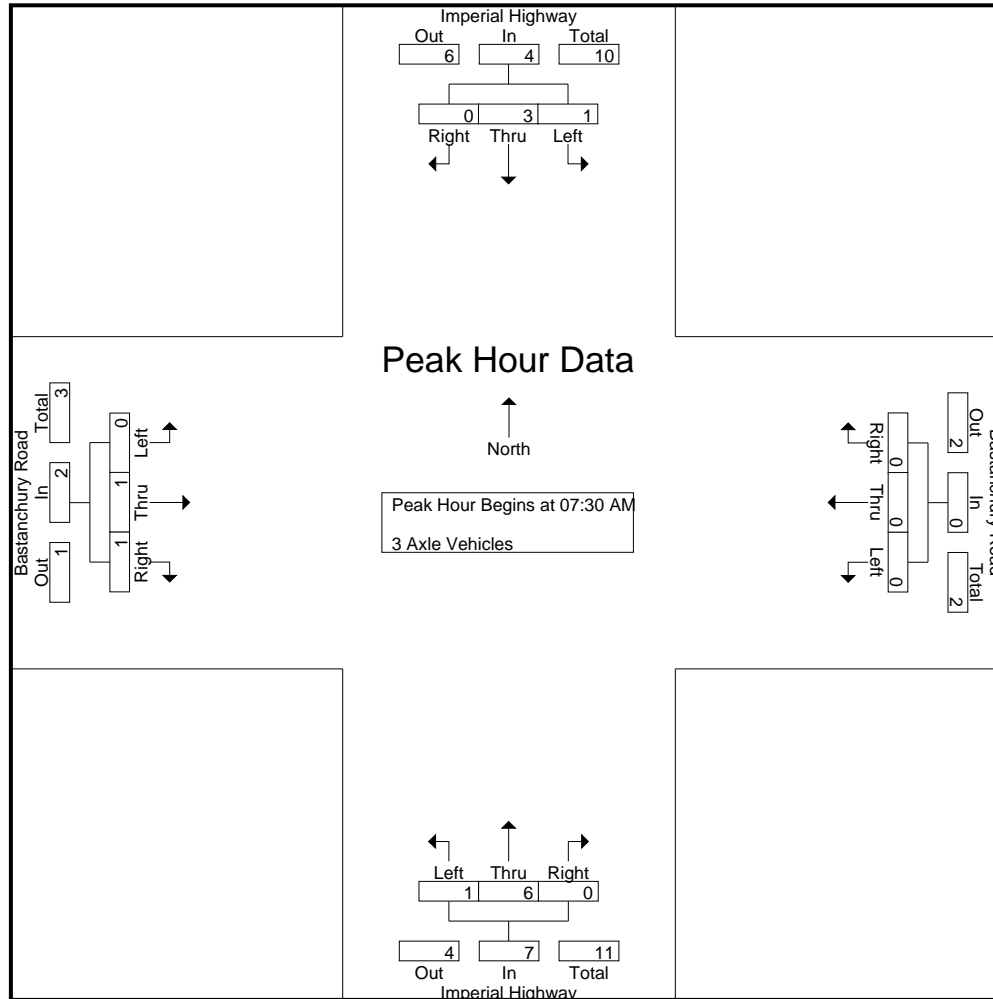
Groups Printed- 3 Axle Vehicles

Start Time	Imperial Highway Southbound					Bastanchury Road Westbound					Imperial Highway Northbound					Bastanchury Road Eastbound					Exclu. Total	Inclu. Total	Int. Total					
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total								
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	2
07:30 AM	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	0	2	0	3	3
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2
Total	1	1	0	0	2	0	0	0	0	0	0	3	0	0	3	0	1	1	0	2	0	0	0	0	2	0	7	7
08:00 AM	0	2	0	0	2	0	0	0	0	0	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	4	4
08:15 AM	0	1	0	0	1	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	4	4
08:30 AM	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
08:45 AM	0	7	0	0	7	0	0	1	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	9	9
Total	0	13	0	0	13	0	0	1	0	1	2	4	0	0	6	0	0	0	0	0	0	0	0	0	0	0	20	20
Grand Total	1	14	0	0	15	0	0	1	0	1	2	7	0	0	9	0	1	1	0	2	0	0	0	0	2	0	27	27
Apprch %	6.7	93.3	0			0	0	100			22.2	77.8	0			0	50	50			0	0	0	0	0	0	0	0
Total %	3.7	51.9	0		55.6	0	0	3.7		3.7	7.4	25.9	0		33.3	0	3.7	3.7		7.4	0	0	0	0	7.4	0	100	100

Start Time	Imperial Highway Southbound				Bastanchury Road Westbound				Imperial Highway Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	1	0	0	1	0	0	0	0	0	0	0	0	0	1	1	2	3
07:45 AM	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	2
08:00 AM	0	2	0	2	0	0	0	0	1	1	0	2	0	0	0	0	4
08:15 AM	0	1	0	1	0	0	0	0	0	3	0	3	0	0	0	0	4
Total Volume	1	3	0	4	0	0	0	0	1	6	0	7	0	1	1	2	13
% App. Total	25	75	0		0	0	0		14.3	85.7	0		0	50	50		
PHF	.250	.375	.000	.500	.000	.000	.000	.000	.250	.500	.000	.583	.000	.250	.250	.250	.813

City of Yorba Linda
 N/S: Imperial Highway
 E/W: Bastanchury Road
 Weather: Clear

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City of Yorba Linda
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File Name : 03_YLA_Imp_Bast AM
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Start Time	Imperial Highway Southbound				Bastanchury Road Westbound				Imperial Highway Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:30 AM				07:30 AM				07:30 AM				07:30 AM				
+0 mins.	1	0	0	1	0	0	0	0	0	0	0	0	0	1	1	2	
+15 mins.	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	
+30 mins.	0	2	0	2	0	0	0	0	1	1	0	2	0	0	0	0	
+45 mins.	0	1	0	1	0	0	0	0	0	3	0	3	0	0	0	0	
Total Volume	1	3	0	4	0	0	0	0	1	6	0	7	0	1	1	2	
% App. Total	25	75	0		0	0	0		14.3	85.7	0		0	50	50		
PHF	.250	.375	.000	.500	.000	.000	.000	.000	.250	.500	.000	.583	.000	.250	.250	.250	

City of Yorba Linda
 N/S: Imperial Highway
 E/W: Bastanchury Road
 Weather: Clear

File Name : 03_YLA_Imp_Bast AM
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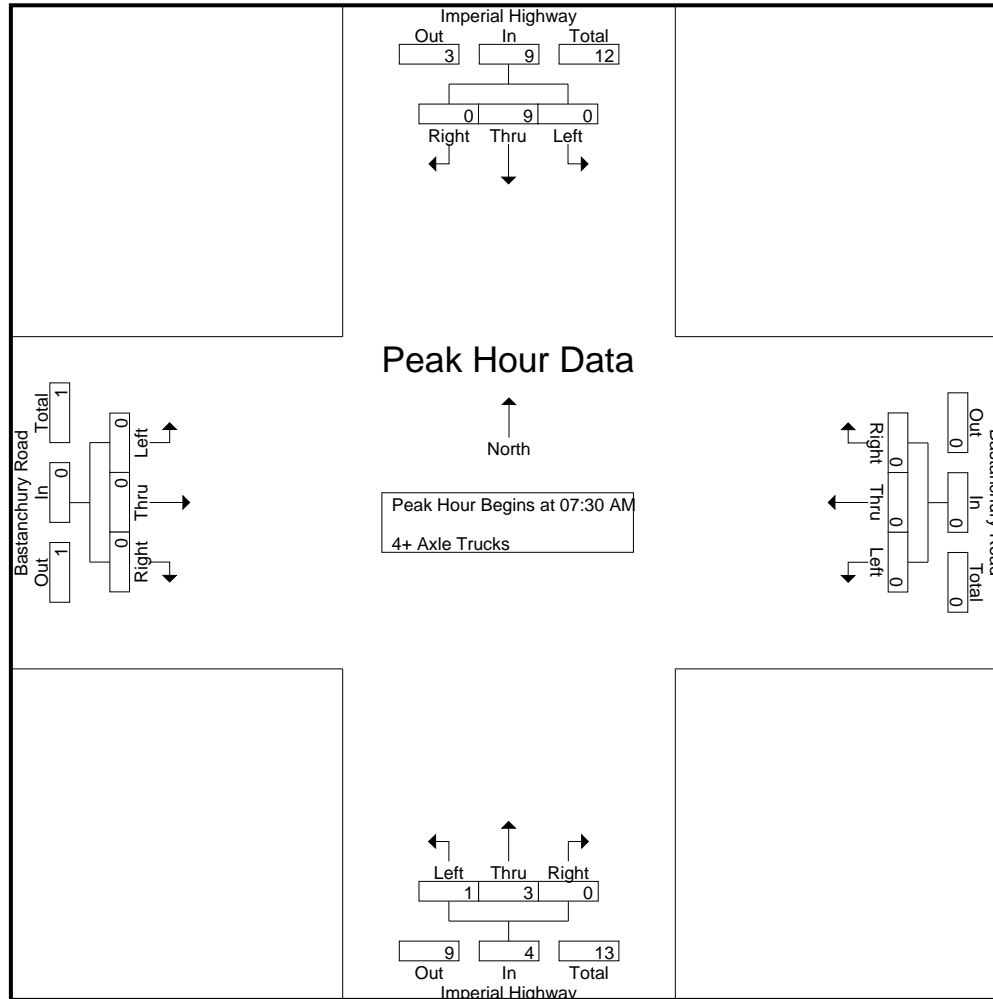
Groups Printed- 4+ Axle Trucks

Start Time	Imperial Highway Southbound					Bastanchury Road Westbound					Imperial Highway Northbound					Bastanchury Road Eastbound					Exclu. Total	Inclu. Total	Int. Total					
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total								
07:00 AM	0	6	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6
07:15 AM	0	5	0	0	5	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	6	6
07:30 AM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
07:45 AM	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3	3
Total	0	15	0	0	15	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	17	17
08:00 AM	0	1	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	2
08:15 AM	0	4	0	0	4	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	6	6
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2
08:45 AM	0	3	0	0	3	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	6	6
Total	0	8	0	0	8	0	0	0	0	0	1	7	0	0	8	0	0	0	0	0	0	0	0	0	0	0	16	16
Grand Total	0	23	0	0	23	0	0	0	0	0	1	9	0	0	10	0	0	0	0	0	0	0	0	0	0	0	33	33
Apprch %	0	100	0			0	0	0			10	90	0			0	0	0			0	0	0			0		
Total %	0	69.7	0		69.7	0	0	0		0	3	27.3	0		30.3	0	0	0		0	0	0	0		0	0	100	

Start Time	Imperial Highway Southbound				Bastanchury Road Westbound				Imperial Highway Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
07:45 AM	0	2	0	2	0	0	0	0	0	1	0	1	0	0	0	0	3
08:00 AM	0	1	0	1	0	0	0	0	1	0	0	1	0	0	0	0	2
08:15 AM	0	4	0	4	0	0	0	0	0	2	0	2	0	0	0	0	6
Total Volume	0	9	0	9	0	0	0	0	1	3	0	4	0	0	0	0	13
% App. Total	0	100	0		0	0	0		25	75	0		0	0	0		
PHF	.000	.563	.000	.563	.000	.000	.000	.000	.250	.375	.000	.500	.000	.000	.000	.000	.542

City of Yorba Linda
 N/S: Imperial Highway
 E/W: Bastanchury Road
 Weather: Clear

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City of Yorba Linda
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 Weather: Clear

File Name : 03_YLA_Imp_Bast AM
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Start Time	Imperial Highway Southbound				Bastanchury Road Westbound				Imperial Highway Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:30 AM				07:30 AM				07:30 AM				07:30 AM				
+0 mins.	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	
+15 mins.	0	2	0	2	0	0	0	0	0	1	0	1	0	0	0	0	
+30 mins.	0	1	0	1	0	0	0	0	1	0	0	1	0	0	0	0	
+45 mins.	0	4	0	4	0	0	0	0	0	2	0	2	0	0	0	0	
Total Volume	0	9	0	9	0	0	0	0	1	3	0	4	0	0	0	0	
% App. Total	0	100	0		0	0	0		25	75	0		0	0	0		
PHF	.000	.563	.000	.563	.000	.000	.000	.000	.250	.375	.000	.500	.000	.000	.000	.000	

City of Yorba Linda
 N/S: Imperial Highway
 E/W: Bastanchury Road
 Weather: Clear

File Name : 03_YLA_Imp_Bast PM
 Site Code : 05122223
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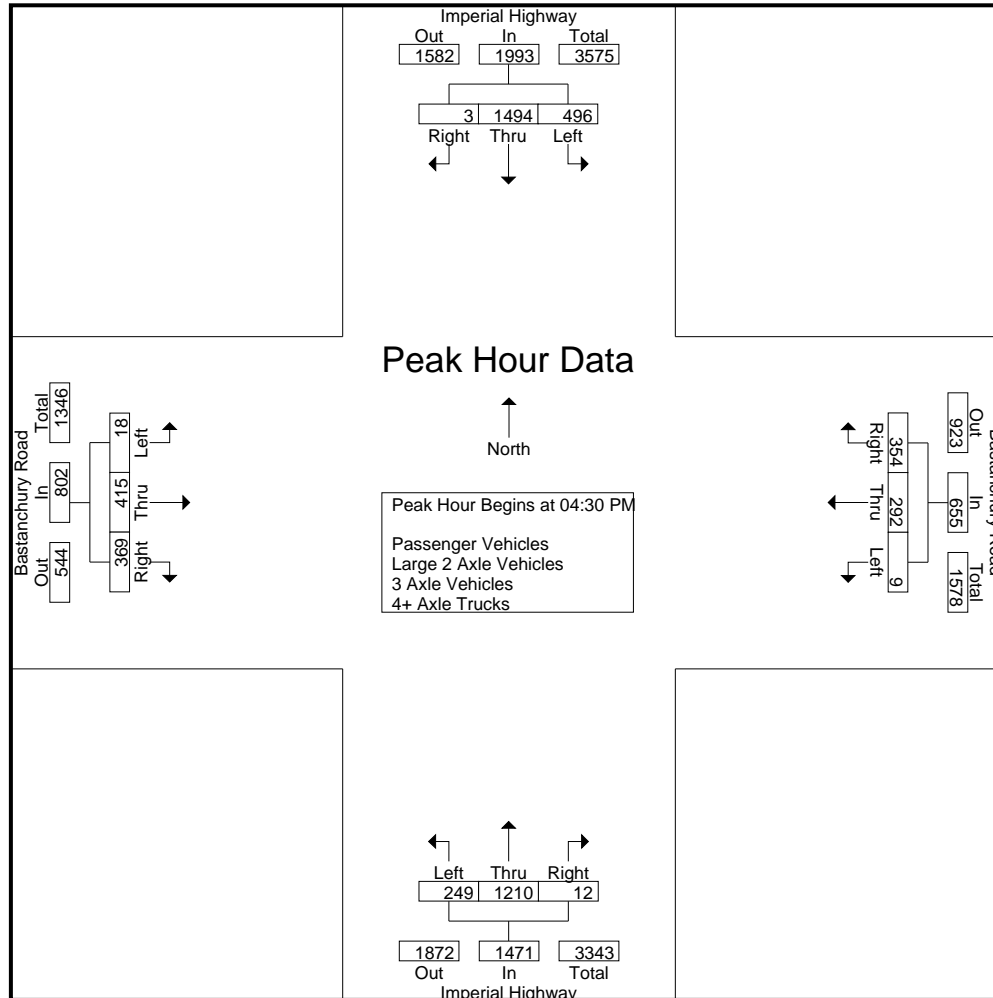
Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

Start Time	Imperial Highway Southbound					Bastanchury Road Westbound					Imperial Highway Northbound					Bastanchury Road Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	95	308	1	0	404	0	72	85	37	157	57	287	3	0	347	6	108	73	13	187	50	1095	1145
04:15 PM	105	318	0	0	423	1	60	106	38	167	48	291	3	0	342	6	89	67	18	162	56	1094	1150
04:30 PM	114	356	0	0	470	3	76	92	34	171	64	295	4	0	363	6	107	86	16	199	50	1203	1253
04:45 PM	110	362	0	0	472	2	76	81	21	159	60	292	3	0	355	4	110	98	34	212	55	1198	1253
Total	424	1344	1	0	1769	6	284	364	130	654	229	1165	13	0	1407	22	414	324	81	760	211	4590	4801
05:00 PM	127	352	2	0	481	1	70	92	22	163	54	320	3	0	377	7	102	102	22	211	44	1232	1276
05:15 PM	145	424	1	0	570	3	70	89	27	162	71	303	2	0	376	1	96	83	10	180	37	1288	1325
05:30 PM	132	327	1	0	460	3	72	89	24	164	57	317	1	0	375	2	106	61	9	169	33	1168	1201
05:45 PM	108	351	4	0	463	3	58	86	40	147	49	260	2	0	311	0	117	54	8	171	48	1092	1140
Total	512	1454	8	0	1974	10	270	356	113	636	231	1200	8	0	1439	10	421	300	49	731	162	4780	4942
Grand Total	936	2798	9	0	3743	16	554	720	243	1290	460	2365	21	0	2846	32	835	624	130	1491	373	9370	9743
Apprch %	25	74.8	0.2			1.2	42.9	55.8			16.2	83.1	0.7			2.1	56	41.9					
Total %	10	29.9	0.1		39.9	0.2	5.9	7.7		13.8	4.9	25.2	0.2		30.4	0.3	8.9	6.7		15.9	3.8	96.2	
Passenger Vehicles	934	2780	9		3723	16	548	711		1516	459	2344	21		2824	31	831	621		1613	0	0	9676
% Passenger Vehicles	99.8	99.4	100	0	99.5	100	98.9	98.8	99.2	98.9	99.8	99.1	100	0	99.2	96.9	99.5	99.5	100	99.5	0	0	99.3
Large 2 Axle Vehicles	2	9	0		11	0	1	8		11	0	15	0		15	1	2	2		5	0	0	42
% Large 2 Axle Vehicles	0.2	0.3	0	0	0.3	0	0.2	1.1	0.8	0.7	0	0.6	0	0	0.5	3.1	0.2	0.3	0	0.3	0	0	0.4
3 Axle Vehicles	0	5	0		5	0	3	1		4	1	2	0		3	0	2	1		3	0	0	15
% 3 Axle Vehicles	0	0.2	0	0	0.1	0	0.5	0.1	0	0.3	0.2	0.1	0	0	0.1	0	0.2	0.2	0	0.2	0	0	0.2
4+ Axle Trucks	0	4	0		4	0	2	0		2	0	4	0		4	0	0	0		0	0	0	10
% 4+ Axle Trucks	0	0.1	0	0	0.1	0	0.4	0	0	0.1	0	0.2	0	0	0.1	0	0	0	0	0	0	0	0.1

Start Time	Imperial Highway Southbound				Bastanchury Road Westbound				Imperial Highway Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	114	356	0	470	3	76	92	171	64	295	4	363	6	107	86	199	1203
04:45 PM	110	362	0	472	2	76	81	159	60	292	3	355	4	110	98	212	1198
05:00 PM	127	352	2	481	1	70	92	163	54	320	3	377	7	102	102	211	1232
05:15 PM	145	424	1	570	3	70	89	162	71	303	2	376	1	96	83	180	1276
Total Volume	496	1494	3	1993	9	292	354	655	249	1210	12	1471	18	415	369	802	4921
% App. Total	24.9	75	0.2		1.4	44.6	54		16.9	82.3	0.8		2.2	51.7	46		
PHF	.855	.881	.375	.874	.750	.961	.962	.958	.877	.945	.750	.975	.643	.943	.904	.946	.955

City of Yorba Linda
 N/S: Imperial Highway
 E/W: Bastanchury Road
 Weather: Clear

File Name : 03_YLA_Imp_Bast PM
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City of Yorba Linda
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Start Time	Imperial Highway Southbound				Bastanchury Road Westbound				Imperial Highway Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:30 PM				04:15 PM				04:45 PM				04:30 PM				
+0 mins.	114	356	0	470	1	60	106	167	60	292	3	355	6	107	86	199	
+15 mins.	110	362	0	472	3	76	92	171	54	320	3	377	4	110	98	212	
+30 mins.	127	352	2	481	2	76	81	159	71	303	2	376	7	102	102	211	
+45 mins.	145	424	1	570	1	70	92	163	57	317	1	375	1	96	83	180	
Total Volume	496	1494	3	1993	7	282	371	660	242	1232	9	1483	18	415	369	802	
% App. Total	24.9	75	0.2		1.1	42.7	56.2		16.3	83.1	0.6		2.2	51.7	46		
PHF	.855	.881	.375	.874	.583	.928	.875	.965	.852	.963	.750	.983	.643	.943	.904	.946	

City of Yorba Linda
 N/S: Imperial Highway
 E/W: Bastanchury Road
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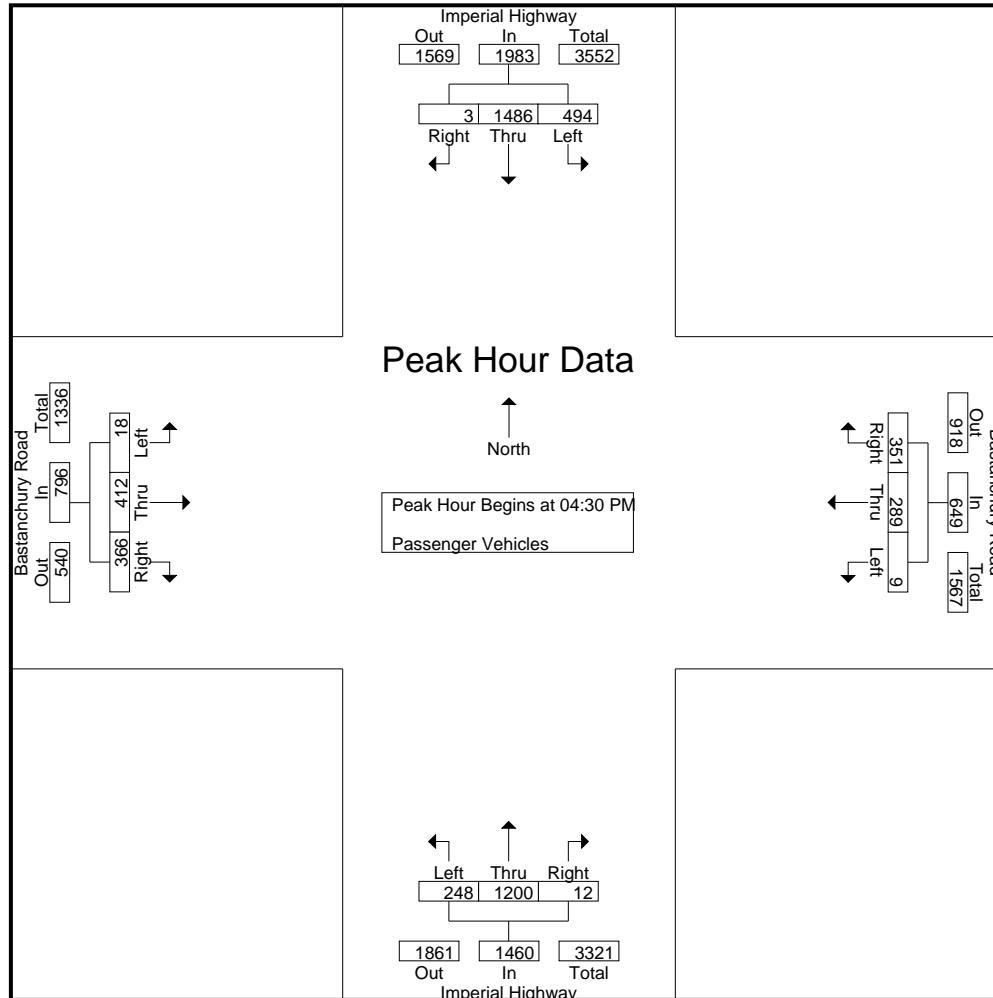
Groups Printed- Passenger Vehicles

Start Time	Imperial Highway Southbound					Bastanchury Road Westbound					Imperial Highway Northbound					Bastanchury Road Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	95	305	1	0	401	0	71	83	37	154	57	284	3	0	344	5	108	73	13	186	50	1085	1135
04:15 PM	105	314	0	0	419	1	60	104	37	165	48	286	3	0	337	6	89	67	18	162	55	1083	1138
04:30 PM	113	354	0	0	467	3	76	91	34	170	63	293	4	0	360	6	106	86	16	198	50	1195	1245
04:45 PM	110	359	0	0	469	2	76	80	21	158	60	289	3	0	352	4	109	96	34	209	55	1188	1243
Total	423	1332	1	0	1756	6	283	358	129	647	228	1152	13	0	1393	21	412	322	81	755	210	4551	4761
05:00 PM	126	350	2	0	478	1	67	92	22	160	54	319	3	0	376	7	101	101	22	209	44	1223	1267
05:15 PM	145	423	1	0	569	3	70	88	27	161	71	299	2	0	372	1	96	83	10	180	37	1282	1319
05:30 PM	132	325	1	0	458	3	71	89	24	163	57	314	1	0	372	2	105	61	9	168	33	1161	1194
05:45 PM	108	350	4	0	462	3	57	84	39	144	49	260	2	0	311	0	117	54	8	171	47	1088	1135
Total	511	1448	8	0	1967	10	265	353	112	628	231	1192	8	0	1431	10	419	299	49	728	161	4754	4915
Grand Total	934	2780	9	0	3723	16	548	711	241	1275	459	2344	21	0	2824	31	831	621	130	1483	371	9305	9676
Apprch %	25.1	74.7	0.2			1.3	43	55.8			16.3	83	0.7			2.1	56	41.9					
Total %	10	29.9	0.1		40	0.2	5.9	7.6		13.7	4.9	25.2	0.2		30.3	0.3	8.9	6.7		15.9	3.8	96.2	

Start Time	Imperial Highway Southbound				Bastanchury Road Westbound				Imperial Highway Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	113	354	0	467	3	76	91	170	63	293	4	360	6	106	86	198	1195
04:45 PM	110	359	0	469	2	76	80	158	60	289	3	352	4	109	96	209	1188
05:00 PM	126	350	2	478	1	67	92	160	54	319	3	376	7	101	101	209	1223
05:15 PM	145	423	1	569	3	70	88	161	71	299	2	372	1	96	83	180	1282
Total Volume	494	1486	3	1983	9	289	351	649	248	1200	12	1460	18	412	366	796	4888
% App. Total	24.9	74.9	0.2		1.4	44.5	54.1		17	82.2	0.8		2.3	51.8	46		
PHF	.852	.878	.375	.871	.750	.951	.954	.954	.873	.940	.750	.971	.643	.945	.906	.952	.953

City of Yorba Linda
 N/S: Imperial Highway
 E/W: Bastanchury Road
 Weather: Clear

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File Name : 03_YLA_Imp_Bast PM
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Start Time	Imperial Highway Southbound				Bastanchury Road Westbound				Imperial Highway Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:30 PM				04:30 PM				04:30 PM				04:30 PM				
+0 mins.	113	354	0	467	3	76	91	170	63	293	4	360	6	106	86	198	
+15 mins.	110	359	0	469	2	76	80	158	60	289	3	352	4	109	96	209	
+30 mins.	126	350	2	478	1	67	92	160	54	319	3	376	7	101	101	209	
+45 mins.	145	423	1	569	3	70	88	161	71	299	2	372	1	96	83	180	
Total Volume	494	1486	3	1983	9	289	351	649	248	1200	12	1460	18	412	366	796	
% App. Total	24.9	74.9	0.2		1.4	44.5	54.1		17	82.2	0.8		2.3	51.8	46		
PHF	.852	.878	.375	.871	.750	.951	.954	.954	.873	.940	.750	.971	.643	.945	.906	.952	

City of Yorba Linda
 N/S: Imperial Highway
 E/W: Bastanchury Road
 Weather: Clear

File Name : 03_YLA_Imp_Bast PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

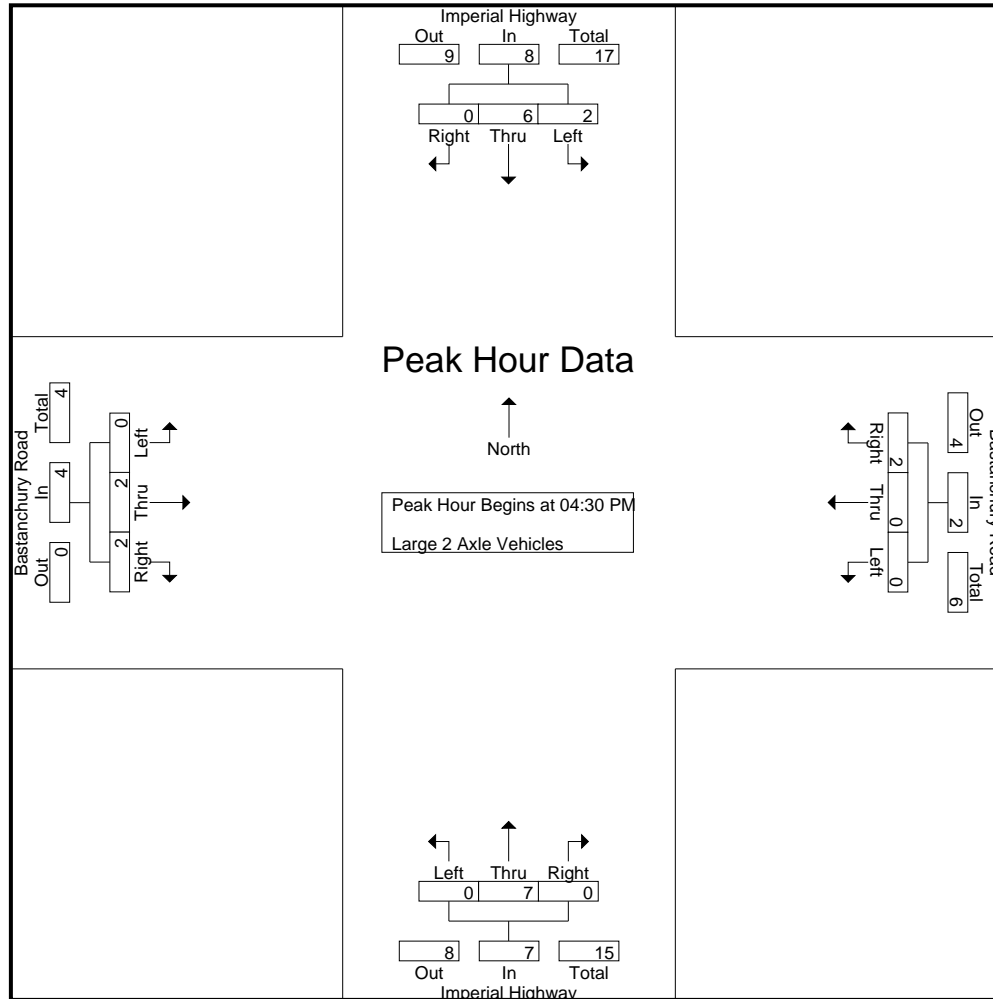
Groups Printed- Large 2 Axle Vehicles

Start Time	Imperial Highway Southbound					Bastanchury Road Westbound					Imperial Highway Northbound					Bastanchury Road Eastbound					Exclu. Total	Inclu. Total	Int. Total	
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total				
04:00 PM	0	0	0	0	0	0	1	2	0	3	0	3	0	0	3	1	0	0	0	1	0	0	7	7
04:15 PM	0	1	0	0	1	0	0	2	1	2	0	3	0	0	3	0	0	0	0	0	1	6	7	7
04:30 PM	1	1	0	0	2	0	0	0	0	0	0	1	0	0	1	0	1	0	0	1	0	4	4	4
04:45 PM	0	3	0	0	3	0	0	1	0	1	0	2	0	0	2	0	0	1	0	1	0	7	7	7
Total	1	5	0	0	6	0	1	5	1	6	0	9	0	0	9	1	1	1	0	3	1	24	25	25
05:00 PM	1	1	0	0	2	0	0	0	0	0	0	1	0	0	1	0	1	1	0	2	0	5	5	5
05:15 PM	0	1	0	0	1	0	0	1	0	1	0	3	0	0	3	0	0	0	0	0	0	5	5	5
05:30 PM	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	3	3	3
05:45 PM	0	1	0	0	1	0	0	2	1	2	0	0	0	0	0	0	0	0	0	0	1	3	4	4
Total	1	4	0	0	5	0	0	3	1	3	0	6	0	0	6	0	1	1	0	2	1	16	17	17
Grand Total	2	9	0	0	11	0	1	8	2	9	0	15	0	0	15	1	2	2	0	5	2	40	42	42
Apprch %	18.2	81.8	0			0	11.1	88.9			0	100	0			20	40	40						
Total %	5	22.5	0		27.5	0	2.5	20		22.5	0	37.5	0		37.5	2.5	5	5		12.5	4.8	95.2		

Start Time	Imperial Highway Southbound				Bastanchury Road Westbound				Imperial Highway Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	1	1	0	2	0	0	0	0	0	1	0	1	0	1	0	1	4
04:45 PM	0	3	0	3	0	0	1	1	0	2	0	2	0	0	1	1	7
05:00 PM	1	1	0	2	0	0	0	0	0	1	0	1	0	1	1	2	5
05:15 PM	0	1	0	1	0	0	1	1	0	3	0	3	0	0	0	0	5
Total Volume	2	6	0	8	0	0	2	2	0	7	0	7	0	2	2	4	21
% App. Total	25	75	0		0	0	100		0	100	0		0	50	50		
PHF	.500	.500	.000	.667	.000	.000	.500	.500	.000	.583	.000	.583	.000	.500	.500	.500	.750

City of Yorba Linda
 N/S: Imperial Highway
 E/W: Bastanchury Road
 Weather: Clear

File Name : 03_YLA_Imp_Bast PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Imperial Highway
 E/W: Bastanchury Road
 Weather: Clear

File Name : 03_YLA_Imp_Bast PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Imperial Highway Southbound				Bastanchury Road Westbound				Imperial Highway Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:30 PM				04:30 PM				04:30 PM				04:30 PM				
+0 mins.	1	1	0	2	0	0	0	0	0	1	0	1	0	1	0	1	
+15 mins.	0	3	0	3	0	0	1	1	0	2	0	2	0	0	1	1	
+30 mins.	1	1	0	2	0	0	0	0	0	1	0	1	0	1	1	2	
+45 mins.	0	1	0	1	0	0	1	1	0	3	0	3	0	0	0	0	
Total Volume	2	6	0	8	0	0	2	2	0	7	0	7	0	2	2	4	
% App. Total	25	75	0		0	0	100		0	100	0		0	50	50		
PHF	.500	.500	.000	.667	.000	.000	.500	.500	.000	.583	.000	.583	.000	.500	.500	.500	

City of Yorba Linda
 N/S: Imperial Highway
 E/W: Bastanchury Road
 Weather: Clear

File Name : 03_YLA_Imp_Bast PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

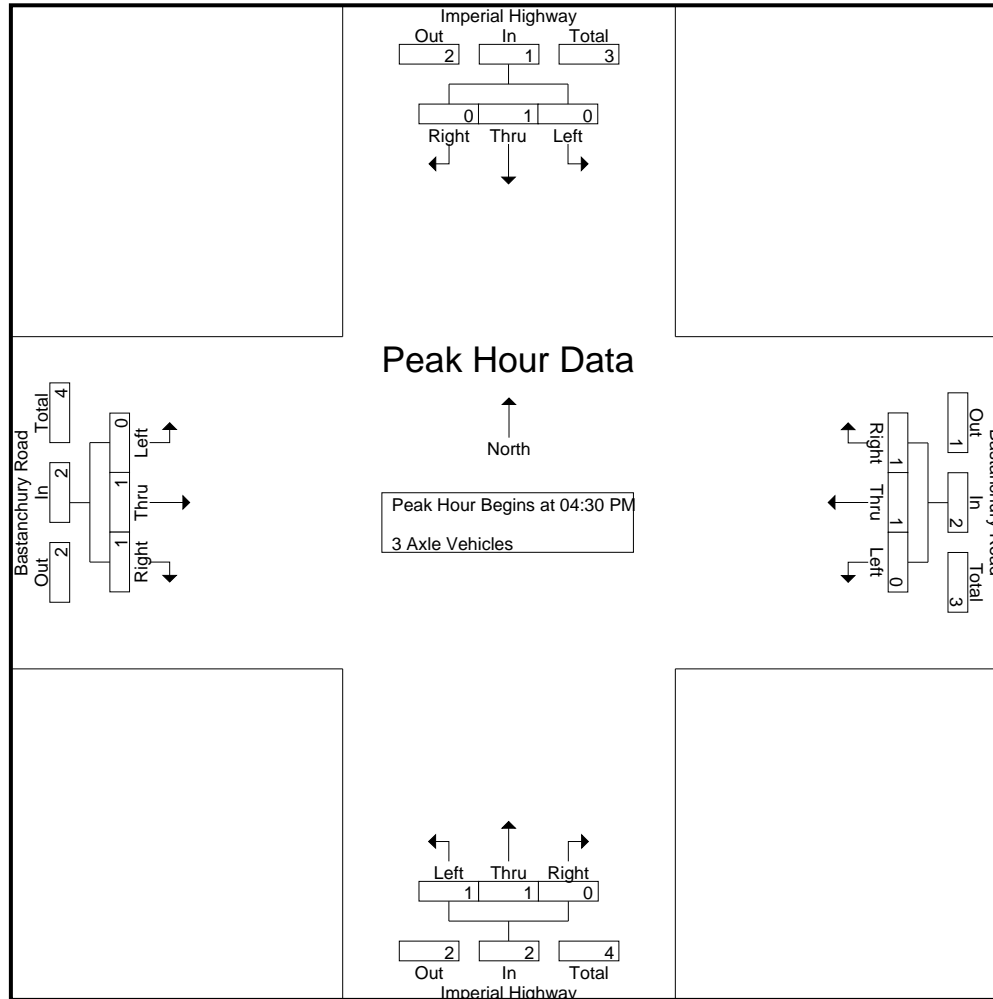
Groups Printed- 3 Axle Vehicles

Start Time	Imperial Highway Southbound					Bastanchury Road Westbound					Imperial Highway Northbound					Bastanchury Road Eastbound					Exclu. Total	Inclu. Total	Int. Total	
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total				
04:00 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
04:15 PM	0	3	0	0	3	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	4	4
04:30 PM	0	1	0	0	1	0	0	1	0	1	1	1	0	0	2	0	0	0	0	0	0	0	4	4
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	0	0	2	2
Total	0	5	0	0	5	0	0	1	0	1	1	2	0	0	3	0	1	1	0	2	0	0	11	11
05:00 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	2	2
05:45 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Total	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	1	0	0	1	0	0	4	4
Grand Total	0	5	0	0	5	0	3	1	0	4	1	2	0	0	3	0	2	1	0	3	0	0	15	15
Apprch %	0	100	0			0	75	25			33.3	66.7	0			0	66.7	33.3			0	0		
Total %	0	33.3	0		33.3	0	20	6.7		26.7	6.7	13.3	0		20	0	13.3	6.7		20	0	0	100	

Start Time	Imperial Highway Southbound				Bastanchury Road Westbound				Imperial Highway Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	0	1	0	1	0	0	1	1	1	1	0	2	0	0	0	0	4
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2
05:00 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	1	0	1	0	1	1	2	1	1	0	2	0	1	1	2	7
% App. Total	0	100	0		0	50	50		50	50	0		0	50	50		
PHF	.000	.250	.000	.250	.000	.250	.250	.500	.250	.250	.000	.250	.000	.250	.250	.250	.438

City of Yorba Linda
 N/S: Imperial Highway
 E/W: Bastanchury Road
 Weather: Clear

File Name : 03_YLA_Imp_Bast PM
 Site Code : 05122223
 Start Date : 3/15/2022
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City of Yorba Linda
 N/S: Imperial Highway
 E/W: Bastanchury Road
 Weather: Clear

File Name : 03_YLA_Imp_Bast PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Imperial Highway Southbound				Bastanchury Road Westbound				Imperial Highway Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:30 PM				04:30 PM				04:30 PM				04:30 PM				
+0 mins.	0	1	0	1	0	0	1	1	1	1	0	2	0	0	0	0	
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	
+30 mins.	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total Volume	0	1	0	1	0	1	1	2	1	1	0	2	0	1	1	2	
% App. Total	0	100	0		0	50	50		50	50	0		0	50	50		
PHF	.000	.250	.000	.250	.000	.250	.250	.500	.250	.250	.000	.250	.000	.250	.250	.250	

City of Yorba Linda
 N/S: Imperial Highway
 E/W: Bastanchury Road
 Weather: Clear

File Name : 03_YLA_Imp_Bast PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

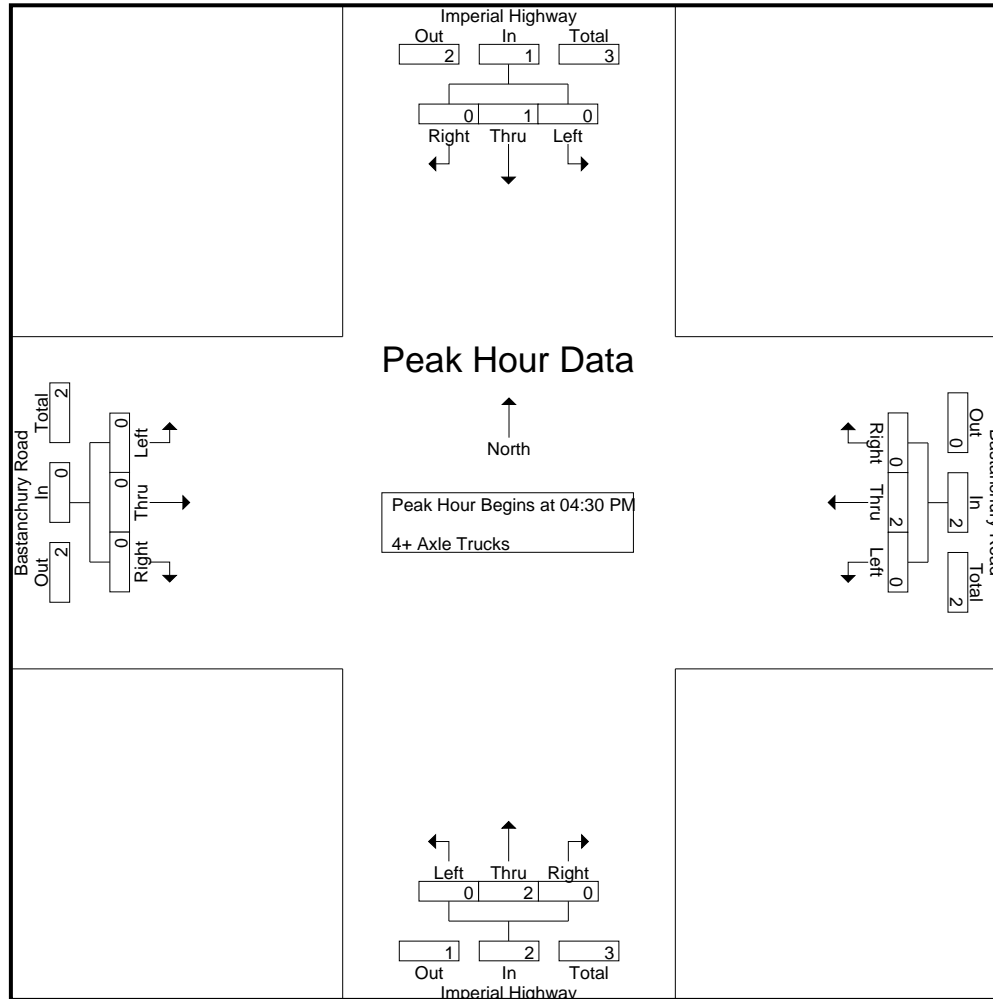
Groups Printed- 4+ Axle Trucks

Start Time	Imperial Highway Southbound					Bastanchury Road Westbound					Imperial Highway Northbound					Bastanchury Road Eastbound					Exclu. Total	Inclu. Total	Int. Total					
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total								
04:00 PM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1
Total	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	4	4
05:00 PM	0	1	0	0	1	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1
05:30 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	2
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	2	0	0	2	0	2	0	0	2	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	6	6
Grand Total	0	4	0	0	4	0	2	0	0	2	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0	10	10
Apprch %	0	100	0			0	100	0			0	100	0			0	0	0			0					0		
Total %	0	40	0		40	0	20	0		20	0	40	0		40	0	0	0			0					0	100	

Start Time	Imperial Highway Southbound				Bastanchury Road Westbound				Imperial Highway Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
05:00 PM	0	1	0	1	0	2	0	2	0	0	0	0	0	0	0	0	3
05:15 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
Total Volume	0	1	0	1	0	2	0	2	0	2	0	2	0	0	0	0	5
% App. Total	0	100	0		0	100	0		0	100	0		0	0	0		
PHF	.000	.250	.000	.250	.000	.250	.000	.250	.000	.500	.000	.500	.000	.000	.000	.000	.417

City of Yorba Linda
 N/S: Imperial Highway
 E/W: Bastanchury Road
 Weather: Clear

File Name : 03_YLA_Imp_Bast PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Imperial Highway
 E/W: Bastanchury Road
 Weather: Clear

File Name : 03_YLA_Imp_Bast PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Imperial Highway Southbound				Bastanchury Road Westbound				Imperial Highway Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:30 PM				04:30 PM				04:30 PM				04:30 PM				
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
+15 mins.	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	
+30 mins.	0	1	0	1	0	2	0	2	0	0	0	0	0	0	0	0	
+45 mins.	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	
Total Volume	0	1	0	1	0	2	0	2	0	2	0	2	0	0	0	0	
% App. Total	0	100	0		0	100	0		0	100	0		0	0	0		
PHF	.000	.250	.000	.250	.000	.250	.000	.250	.000	.500	.000	.500	.000	.000	.000	.000	

Location: Yorba Linda
 N/S: Imperial Highway
 E/W: Bastanchury Road



Date: 3/15/2022
 Day: Tuesday

PEDESTRIANS

	North Leg Imperial Highway Pedestrians	East Leg Bastanchury Road Pedestrians	South Leg Imperial Highway Pedestrians	West Leg Bastanchury Road Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	0	0	0	0	0
7:45 AM	0	0	0	0	0
8:00 AM	0	0	0	0	0
8:15 AM	0	0	0	0	0
8:30 AM	0	0	0	0	0
8:45 AM	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	0

	North Leg Imperial Highway Pedestrians	East Leg Bastanchury Road Pedestrians	South Leg Imperial Highway Pedestrians	West Leg Bastanchury Road Pedestrians	
4:00 PM	0	0	0	1	1
4:15 PM	0	0	0	0	0
4:30 PM	0	0	0	0	0
4:45 PM	0	0	1	0	1
5:00 PM	0	0	0	0	0
5:15 PM	0	0	0	0	0
5:30 PM	0	0	0	0	0
5:45 PM	0	0	0	0	0
TOTAL VOLUMES:	0	0	1	1	2

Location: Yorba Linda
 N/S: Imperial Highway
 E/W: Bastanchury Road



Date: 3/15/2022
 Day: Tuesday

BICYCLES

	Southbound Imperial Highway			Westbound Bastanchury Road			Northbound Imperial Highway			Eastbound Bastanchury Road			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
7:30 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
TOTAL VOLUMES:	0	0	0	0	2	0	0	1	0	0	0	0	3

	Southbound Imperial Highway			Westbound Bastanchury Road			Northbound Imperial Highway			Eastbound Bastanchury Road			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	1	0	0	0	1	0	0	0	2
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	1	0	0	1	0	0	0	1	0	1	0	4

City of Yorba Linda
 N/S: Imperial Highway
 E/W: Lemon Drive
 Weather: Clear

File Name : 04_YLA_Imp_Lem AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

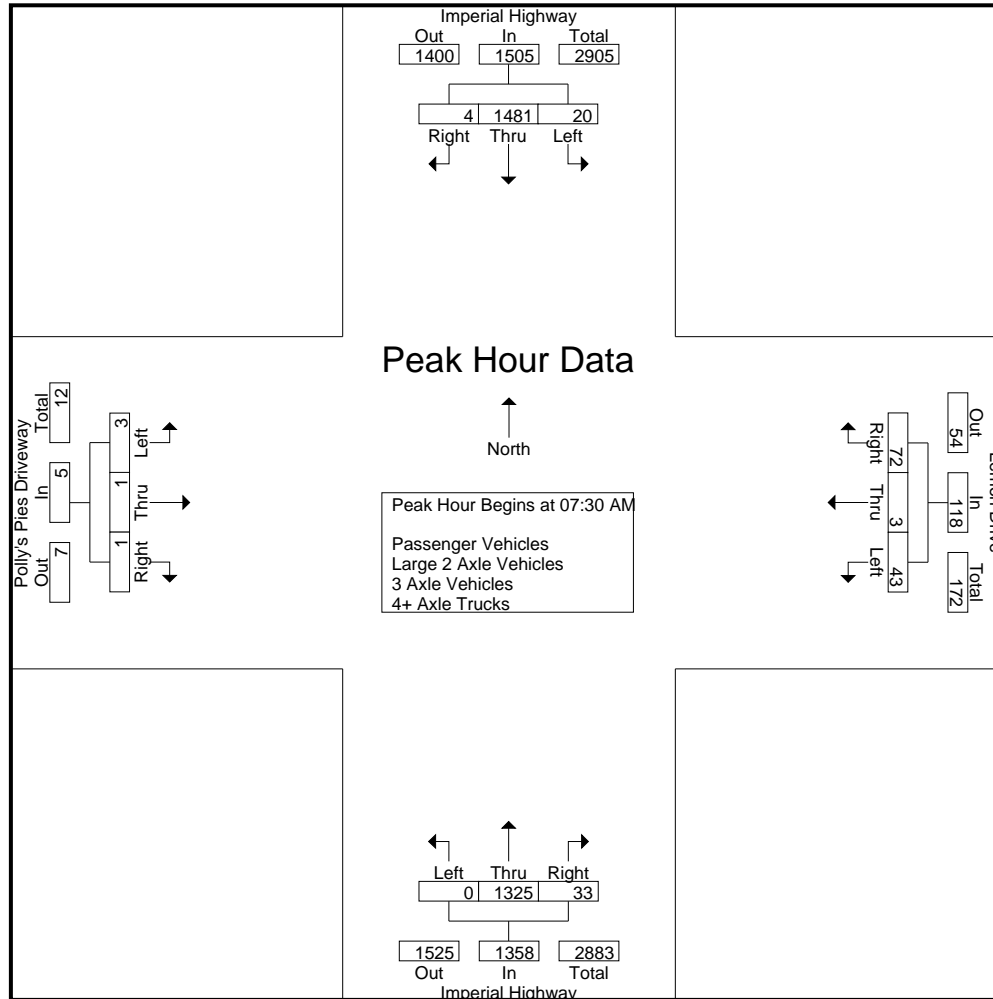
Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

Start Time	Imperial Highway Southbound					Lemon Drive Westbound					Imperial Highway Northbound					Polly's Pies Driveway Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	4	229	0	0	233	10	0	6	6	16	0	213	3	0	216	0	1	0	0	1	6	466	472
07:15 AM	6	309	3	0	318	7	0	11	11	18	0	259	6	0	265	0	0	0	0	0	11	601	612
07:30 AM	1	390	0	0	391	18	1	23	18	42	0	353	17	0	370	0	0	0	0	0	18	803	821
07:45 AM	5	409	1	0	415	13	0	16	14	29	0	355	2	0	357	2	0	0	0	2	14	803	817
Total	16	1337	4	0	1357	48	1	56	49	105	0	1180	28	0	1208	2	1	0	0	3	49	2673	2722
08:00 AM	8	342	1	0	351	7	2	19	14	28	0	300	9	0	309	1	0	0	0	1	14	689	703
08:15 AM	6	340	2	0	348	5	0	14	7	19	0	317	5	0	322	0	1	1	1	2	8	691	699
08:30 AM	9	281	2	0	292	7	0	34	23	41	0	237	5	1	242	0	1	1	1	2	25	577	602
08:45 AM	22	241	0	0	263	11	1	13	11	25	0	231	4	0	235	1	1	0	0	2	11	525	536
Total	45	1204	5	0	1254	30	3	80	55	113	0	1085	23	1	1108	2	3	2	2	7	58	2482	2540
Grand Total	61	2541	9	0	2611	78	4	136	104	218	0	2265	51	1	2316	4	4	2	2	10	107	5155	5262
Apprch %	2.3	97.3	0.3			35.8	1.8	62.4			0	97.8	2.2			40	40	20					
Total %	1.2	49.3	0.2		50.6	1.5	0.1	2.6		4.2	0	43.9	1		44.9	0.1	0.1	0		0.2	2	98	
Passenger Vehicles	61	2425	9		2495	71	4	128		300	0	2190	51		2242	4	4	2		12	0	0	5049
% Passenger Vehicles	100	95.4	100	0	95.6	91	100	94.1	93.3	93.2	0	96.7	100	100	96.8	100	100	100	100	100	0	0	96
Large 2 Axle Vehicles	0	78	0		78	6	0	7		19	0	57	0		57	0	0	0		0	0	0	154
% Large 2 Axle Vehicles	0	3.1	0	0	3	7.7	0	5.1	5.8	5.9	0	2.5	0	0	2.5	0	0	0	0	0	0	0	2.9
3 Axle Vehicles	0	14	0		14	0	0	1		2	0	7	0		7	0	0	0		0	0	0	23
% 3 Axle Vehicles	0	0.6	0	0	0.5	0	0	0.7	1	0.6	0	0.3	0	0	0.3	0	0	0	0	0	0	0	0.4
4+ Axle Trucks	0	24	0		24	1	0	0		1	0	11	0		11	0	0	0		0	0	0	36
% 4+ Axle Trucks	0	0.9	0	0	0.9	1.3	0	0	0	0.3	0	0.5	0	0	0.5	0	0	0	0	0	0	0	0.7

Start Time	Imperial Highway Southbound				Lemon Drive Westbound				Imperial Highway Northbound				Polly's Pies Driveway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	1	390	0	391	18	1	23	42	0	353	17	370	0	0	0	0	803
07:45 AM	5	409	1	415	13	0	16	29	0	355	2	357	2	0	0	2	803
08:00 AM	8	342	1	351	7	2	19	28	0	300	9	309	1	0	0	1	689
08:15 AM	6	340	2	348	5	0	14	19	0	317	5	322	0	1	1	2	691
Total Volume	20	1481	4	1505	43	3	72	118	0	1325	33	1358	3	1	1	5	2986
% App. Total	1.3	98.4	0.3		36.4	2.5	61		0	97.6	2.4		60	20	20		
PHF	.625	.905	.500	.907	.597	.375	.783	.702	.000	.933	.485	.918	.375	.250	.250	.625	.930

City of Yorba Linda
 N/S: Imperial Highway
 E/W: Lemon Drive
 Weather: Clear

File Name : 04_YLA_Imp_Lem AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Imperial Highway
 E/W: Lemon Drive
 Weather: Clear

File Name : 04_YLA_Imp_Lem AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Imperial Highway Southbound				Lemon Drive Westbound				Imperial Highway Northbound				Polly's Pies Driveway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:30 AM				07:30 AM				07:30 AM				07:45 AM				
+0 mins.	1	390	0	391	18	1	23	42	0	353	17	370	2	0	0	2	
+15 mins.	5	409	1	415	13	0	16	29	0	355	2	357	1	0	0	1	
+30 mins.	8	342	1	351	7	2	19	28	0	300	9	309	0	1	1	2	
+45 mins.	6	340	2	348	5	0	14	19	0	317	5	322	0	1	1	2	
Total Volume	20	1481	4	1505	43	3	72	118	0	1325	33	1358	3	2	2	7	
% App. Total	1.3	98.4	0.3		36.4	2.5	61		0	97.6	2.4		42.9	28.6	28.6		
PHF	.625	.905	.500	.907	.597	.375	.783	.702	.000	.933	.485	.918	.375	.500	.500	.875	

City of Yorba Linda
 N/S: Imperial Highway
 E/W: Lemon Drive
 Weather: Clear

File Name : 04_YLA_Imp_Lem AM
 Site Code : 05122223
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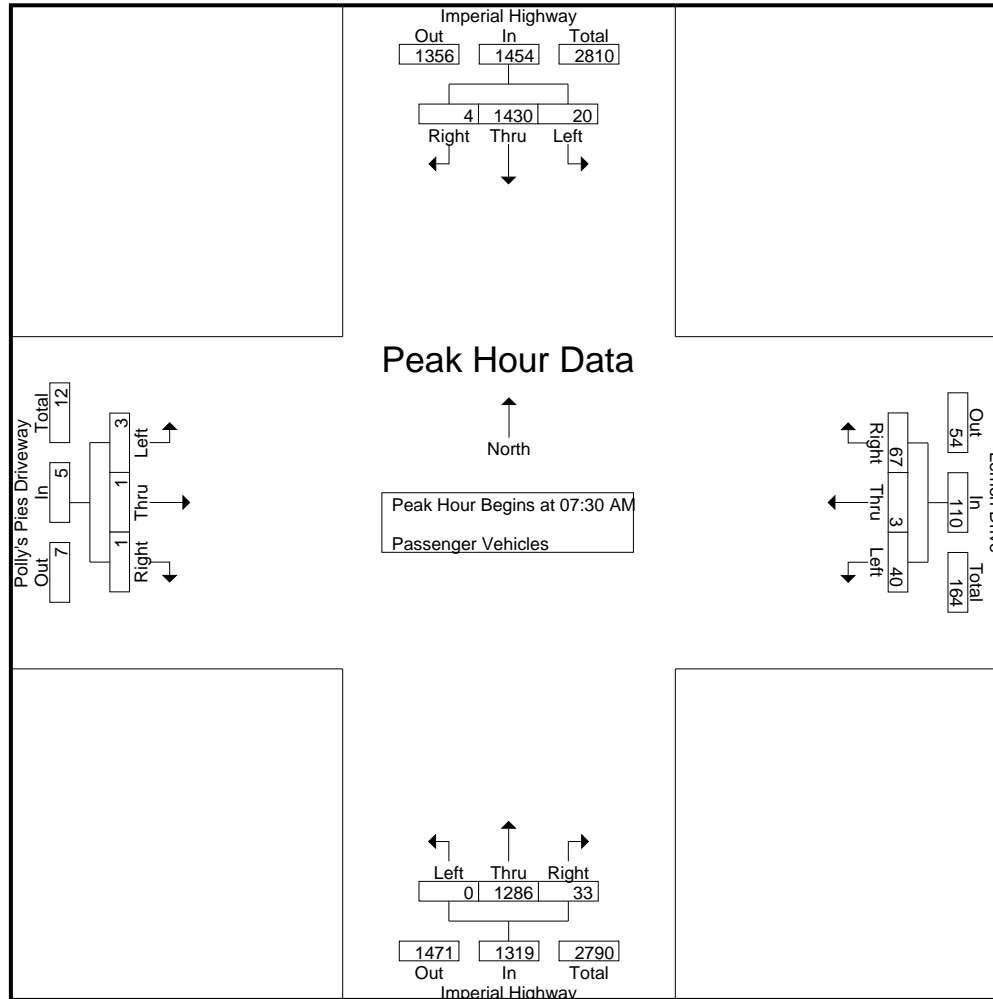
Groups Printed- Passenger Vehicles

Start Time	Imperial Highway Southbound					Lemon Drive Westbound					Imperial Highway Northbound					Polly's Pies Driveway Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	4	215	0	0	219	10	0	6	6	16	0	208	3	0	211	0	1	0	0	1	6	447	453
07:15 AM	6	295	3	0	304	6	0	11	11	17	0	249	6	0	255	0	0	0	0	0	11	576	587
07:30 AM	1	375	0	0	376	16	1	19	14	36	0	342	17	0	359	0	0	0	0	0	14	771	785
07:45 AM	5	397	1	0	403	13	0	16	14	29	0	345	2	0	347	2	0	0	0	2	14	781	795
Total	16	1282	4	0	1302	45	1	52	45	98	0	1144	28	0	1172	2	1	0	0	3	45	2575	2620
08:00 AM	8	333	1	0	342	6	2	18	14	26	0	293	9	0	302	1	0	0	0	1	14	671	685
08:15 AM	6	325	2	0	333	5	0	14	7	19	0	306	5	0	311	0	1	1	1	2	8	665	673
08:30 AM	9	269	2	0	280	6	0	31	20	37	0	225	5	1	230	0	1	1	1	2	22	549	571
08:45 AM	22	216	0	0	238	9	1	13	11	23	0	222	4	0	226	1	1	0	0	2	11	489	500
Total	45	1143	5	0	1193	26	3	76	52	105	0	1046	23	1	1069	2	3	2	2	7	55	2374	2429
Grand Total	61	2425	9	0	2495	71	4	128	97	203	0	2190	51	1	2241	4	4	2	2	10	100	4949	5049
Apprch %	2.4	97.2	0.4			35	2	63.1			0	97.7	2.3			40	40	20					
Total %	1.2	49	0.2		50.4	1.4	0.1	2.6		4.1	0	44.3	1		45.3	0.1	0.1	0	0.2		2	98	

Start Time	Imperial Highway Southbound				Lemon Drive Westbound				Imperial Highway Northbound				Polly's Pies Driveway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	1	375	0	376	16	1	19	36	0	342	17	359	0	0	0	0	771
07:45 AM	5	397	1	403	13	0	16	29	0	345	2	347	2	0	0	2	781
08:00 AM	8	333	1	342	6	2	18	26	0	293	9	302	1	0	0	1	671
08:15 AM	6	325	2	333	5	0	14	19	0	306	5	311	0	1	1	2	665
Total Volume	20	1430	4	1454	40	3	67	110	0	1286	33	1319	3	1	1	5	2888
% App. Total	1.4	98.3	0.3		36.4	2.7	60.9		0	97.5	2.5		60	20	20		
PHF	.625	.901	.500	.902	.625	.375	.882	.764	.000	.932	.485	.919	.375	.250	.250	.625	.924

City of Yorba Linda
 N/S: Imperial Highway
 E/W: Lemon Drive
 Weather: Clear

File Name : 04_YLA_Imp_Lem AM
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City of Yorba Linda
 N/S: Imperial Highway
 E/W: Lemon Drive
 Weather: Clear

File Name : 04_YLA_Imp_Lem AM
 Site Code : 05122223
 Start Date : 3/15/2022
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Start Time	Imperial Highway Southbound				Lemon Drive Westbound				Imperial Highway Northbound				Polly's Pies Driveway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:30 AM				07:30 AM				07:30 AM				07:30 AM				
+0 mins.	1	375	0	376	16	1	19	36	0	342	17	359	0	0	0	0	
+15 mins.	5	397	1	403	13	0	16	29	0	345	2	347	2	0	0	2	
+30 mins.	8	333	1	342	6	2	18	26	0	293	9	302	1	0	0	1	
+45 mins.	6	325	2	333	5	0	14	19	0	306	5	311	0	1	1	2	
Total Volume	20	1430	4	1454	40	3	67	110	0	1286	33	1319	3	1	1	5	
% App. Total	1.4	98.3	0.3		36.4	2.7	60.9		0	97.5	2.5		60	20	20		
PHF	.625	.901	.500	.902	.625	.375	.882	.764	.000	.932	.485	.919	.375	.250	.250	.625	

City of Yorba Linda
 N/S: Imperial Highway
 E/W: Lemon Drive
 Weather: Clear

File Name : 04_YLA_Imp_Lem AM
 Site Code : 05122223
 Start Date : 3/15/2022
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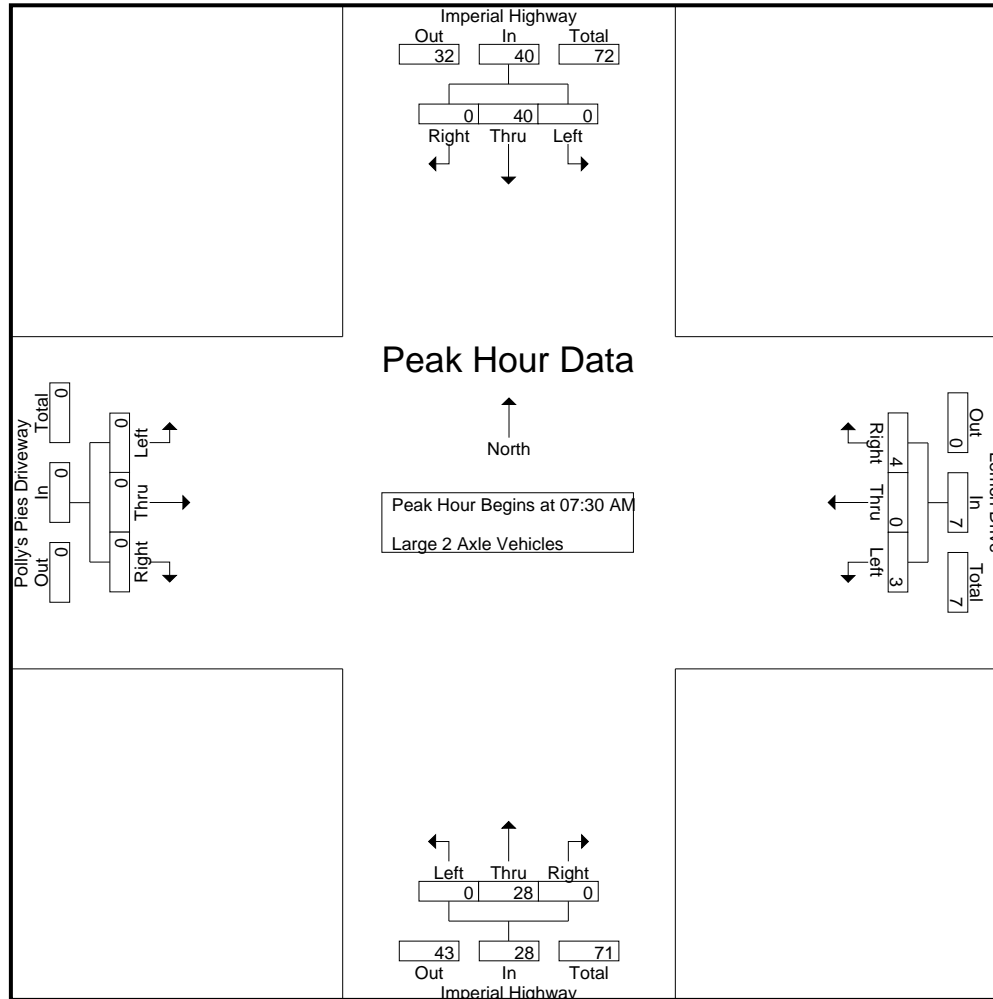
Groups Printed- Large 2 Axle Vehicles

Start Time	Imperial Highway Southbound					Lemon Drive Westbound					Imperial Highway Northbound					Polly's Pies Driveway Eastbound					Exclu. Total	Inclu. Total	Int. Total					
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total								
07:00 AM	0	6	0	0	6	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0	11	11
07:15 AM	0	7	0	0	7	1	0	0	0	1	0	8	0	0	8	0	0	0	0	0	0	0	0	0	0	0	16	16
07:30 AM	0	13	0	0	13	2	0	3	3	5	0	9	0	0	9	0	0	0	0	0	0	0	0	0	0	3	27	30
07:45 AM	0	10	0	0	10	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	0	0	0	0	0	0	18	18
Total	0	36	0	0	36	3	0	3	3	6	0	30	0	0	30	0	0	0	0	0	0	0	0	0	0	3	72	75
08:00 AM	0	7	0	0	7	1	0	1	0	2	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0	14	14
08:15 AM	0	10	0	0	10	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	0	0	0	0	0	0	16	16
08:30 AM	0	8	0	0	8	1	0	3	3	4	0	9	0	0	9	0	0	0	0	0	0	0	0	0	0	3	21	24
08:45 AM	0	17	0	0	17	1	0	0	0	1	0	7	0	0	7	0	0	0	0	0	0	0	0	0	0	0	25	25
Total	0	42	0	0	42	3	0	4	3	7	0	27	0	0	27	0	0	0	0	0	0	0	0	0	0	3	76	79
Grand Total	0	78	0	0	78	6	0	7	6	13	0	57	0	0	57	0	0	0	0	0	0	0	0	0	0	6	148	154
Apprch %	0	100	0			46.2	0	53.8			0	100	0			0	0	0			0	0	0					
Total %	0	52.7	0		52.7	4.1	0	4.7		8.8	0	38.5	0		38.5	0	0	0		0	0	0	0		0	3.9	96.1	

Start Time	Imperial Highway Southbound				Lemon Drive Westbound				Imperial Highway Northbound				Polly's Pies Driveway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	13	0	13	2	0	3	5	0	9	0	9	0	0	0	0	27
07:45 AM	0	10	0	10	0	0	0	0	0	8	0	8	0	0	0	0	18
08:00 AM	0	7	0	7	1	0	1	2	0	5	0	5	0	0	0	0	14
08:15 AM	0	10	0	10	0	0	0	0	0	6	0	6	0	0	0	0	16
Total Volume	0	40	0	40	3	0	4	7	0	28	0	28	0	0	0	0	75
% App. Total	0	100	0		42.9	0	57.1		0	100	0		0	0	0		
PHF	.000	.769	.000	.769	.375	.000	.333	.350	.000	.778	.000	.778	.000	.000	.000	.000	.694

City of Yorba Linda
 N/S: Imperial Highway
 E/W: Lemon Drive
 Weather: Clear

File Name : 04_YLA_Imp_Lem AM
 Site Code : 05122223
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City of Yorba Linda
 N/S: Imperial Highway
 E/W: Lemon Drive
 Weather: Clear

File Name : 04_YLA_Imp_Lem AM
 Site Code : 05122223
 Start Date : 3/15/2022
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Start Time	Imperial Highway Southbound				Lemon Drive Westbound				Imperial Highway Northbound				Polly's Pies Driveway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:30 AM				07:30 AM				07:30 AM				07:30 AM				
+0 mins.	0	13	0	13	2	0	3	5	0	9	0	9	0	0	0	0	
+15 mins.	0	10	0	10	0	0	0	0	0	8	0	8	0	0	0	0	
+30 mins.	0	7	0	7	1	0	1	2	0	5	0	5	0	0	0	0	
+45 mins.	0	10	0	10	0	0	0	0	0	6	0	6	0	0	0	0	
Total Volume	0	40	0	40	3	0	4	7	0	28	0	28	0	0	0	0	
% App. Total	0	100	0		42.9	0	57.1		0	100	0		0	0	0		
PHF	.000	.769	.000	.769	.375	.000	.333	.350	.000	.778	.000	.778	.000	.000	.000	.000	

City of Yorba Linda
 N/S: Imperial Highway
 E/W: Lemon Drive
 Weather: Clear

File Name : 04_YLA_Imp_Lem AM
 Site Code : 05122223
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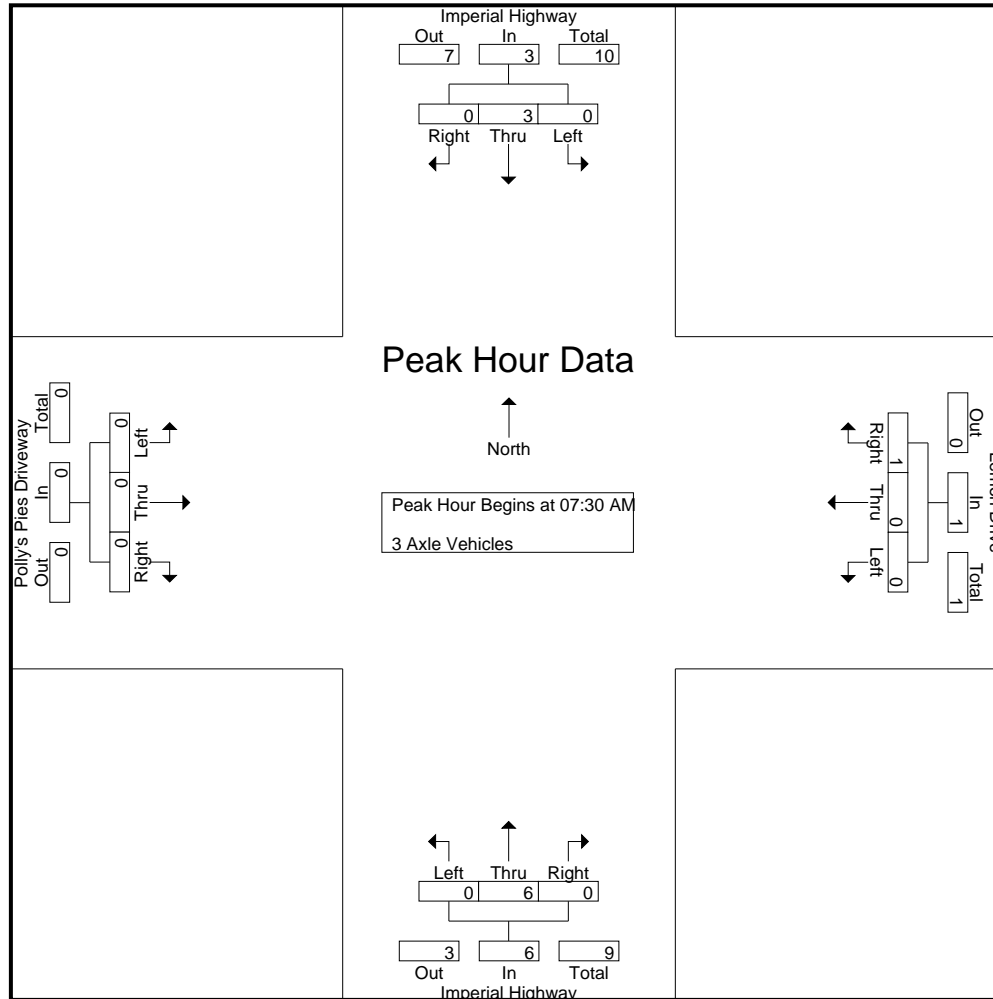
Groups Printed- 3 Axle Vehicles

Start Time	Imperial Highway Southbound					Lemon Drive Westbound					Imperial Highway Northbound					Polly's Pies Driveway Eastbound					Exclu. Total	Inclu. Total	Int. Total					
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total								
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	2
07:30 AM	0	1	0	0	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2
Total	0	2	0	0	2	0	0	1	1	1	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	1	6	7
08:00 AM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	2
08:15 AM	0	1	0	0	1	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	4	4
08:30 AM	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4
08:45 AM	0	6	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6
Total	0	12	0	0	12	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0	16	16
Grand Total	0	14	0	0	14	0	0	1	1	1	0	7	0	0	7	0	0	0	0	0	0	0	0	0	0	1	22	23
Apprch %	0	100	0			0	0	100			0	100	0			0	0	0			0	0	0					
Total %	0	63.6	0		63.6	0	0	4.5		4.5	0	31.8	0		31.8	0	0	0		0	0	0	0		0	4.3	95.7	

Start Time	Imperial Highway Southbound				Lemon Drive Westbound				Imperial Highway Northbound				Polly's Pies Driveway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	1	0	1	0	0	1	1	0	0	0	0	0	0	0	0	2
07:45 AM	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	2
08:00 AM	0	1	0	1	0	0	0	0	0	1	0	1	0	0	0	0	2
08:15 AM	0	1	0	1	0	0	0	0	0	3	0	3	0	0	0	0	4
Total Volume	0	3	0	3	0	0	1	1	0	6	0	6	0	0	0	0	10
% App. Total	0	100	0		0	0	100		0	100	0		0	0	0		
PHF	.000	.750	.000	.750	.000	.000	.250	.250	.000	.500	.000	.500	.000	.000	.000	.000	.625

City of Yorba Linda
 N/S: Imperial Highway
 E/W: Lemon Drive
 Weather: Clear

File Name : 04_YLA_Imp_Lem AM
 Site Code : 05122223
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City of Yorba Linda
 N/S: Imperial Highway
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 Weather: Clear

File Name : 04_YLA_Imp_Lem AM
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Start Time	Imperial Highway Southbound				Lemon Drive Westbound				Imperial Highway Northbound				Polly's Pies Driveway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:30 AM				07:30 AM				07:30 AM				07:30 AM				
+0 mins.	0	1	0	1	0	0	1	1	0	0	0	0	0	0	0	0	
+15 mins.	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	
+30 mins.	0	1	0	1	0	0	0	0	0	1	0	1	0	0	0	0	
+45 mins.	0	1	0	1	0	0	0	0	0	3	0	3	0	0	0	0	
Total Volume	0	3	0	3	0	0	1	1	0	6	0	6	0	0	0	0	
% App. Total	0	100	0		0	0	100		0	100	0		0	0	0		
PHF	.000	.750	.000	.750	.000	.000	.250	.250	.000	.500	.000	.500	.000	.000	.000	.000	

City of Yorba Linda
 N/S: Imperial Highway
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File Name : 04_YLA_Imp_Lem AM
 Site Code : 05122223
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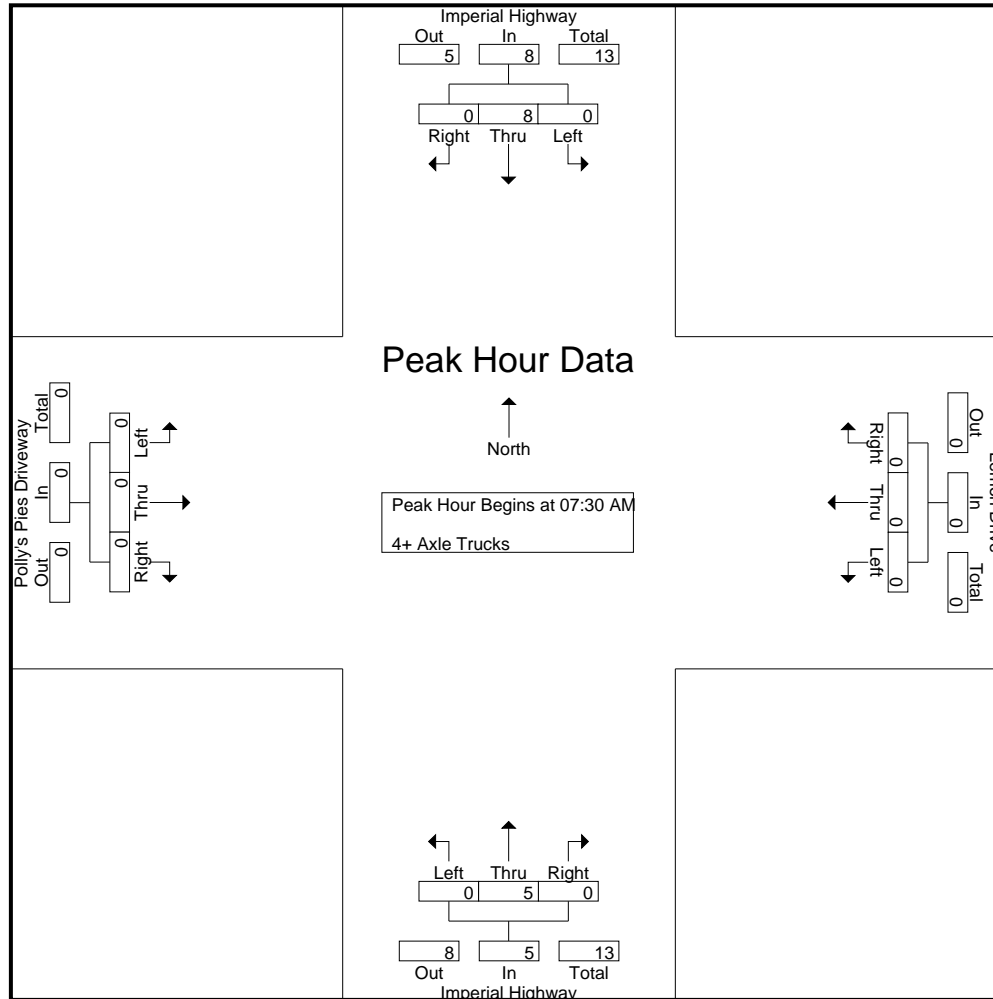
Groups Printed- 4+ Axle Trucks

Start Time	Imperial Highway Southbound					Lemon Drive Westbound					Imperial Highway Northbound					Polly's Pies Driveway Eastbound					Exclu. Total	Inclu. Total	Int. Total					
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total								
07:00 AM	0	8	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	8
07:15 AM	0	6	0	0	6	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	7	7
07:30 AM	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	3	3
07:45 AM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
Total	0	17	0	0	17	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	20	20
08:00 AM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	2
08:15 AM	0	4	0	0	4	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	6	6
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3	3
08:45 AM	0	2	0	0	2	1	0	0	0	1	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	5	5
Total	0	7	0	0	7	1	0	0	0	1	0	8	0	0	8	0	0	0	0	0	0	0	0	0	0	0	16	16
Grand Total	0	24	0	0	24	1	0	0	0	1	0	11	0	0	11	0	0	0	0	0	0	0	0	0	0	0	36	36
Apprch %	0	100	0			100	0	0			0	100	0			0	0	0			0	0	0			0		
Total %	0	66.7	0		66.7	2.8	0	0		2.8	0	30.6	0		30.6	0	0	0		0	0	0	0		0	0	100	

Start Time	Imperial Highway Southbound				Lemon Drive Westbound				Imperial Highway Northbound				Polly's Pies Driveway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	1	0	1	0	0	0	0	0	2	0	2	0	0	0	0	3
07:45 AM	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
08:00 AM	0	1	0	1	0	0	0	0	0	1	0	1	0	0	0	0	2
08:15 AM	0	4	0	4	0	0	0	0	0	2	0	2	0	0	0	0	6
Total Volume	0	8	0	8	0	0	0	0	0	5	0	5	0	0	0	0	13
% App. Total	0	100	0		0	0	0		0	100	0		0	0	0		
PHF	.000	.500	.000	.500	.000	.000	.000	.000	.000	.625	.000	.625	.000	.000	.000	.000	.542

City of Yorba Linda
 N/S: Imperial Highway
 E/W: Lemon Drive
 Weather: Clear

File Name : 04_YLA_Imp_Lem AM
 Site Code : 05122223
 Start Date : 3/15/2022
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City of Yorba Linda
 N/S: Imperial Highway
 E/W: Lemon Drive
 Weather: Clear

File Name : 04_YLA_Imp_Lem AM
 Site Code : 05122223
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 Page No : 3

Start Time	Imperial Highway Southbound				Lemon Drive Westbound				Imperial Highway Northbound				Polly's Pies Driveway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:30 AM				07:30 AM				07:30 AM				07:30 AM				
+0 mins.	0	1	0	1	0	0	0	0	0	2	0	2	0	0	0	0	
+15 mins.	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	
+30 mins.	0	1	0	1	0	0	0	0	0	1	0	1	0	0	0	0	
+45 mins.	0	4	0	4	0	0	0	0	0	2	0	2	0	0	0	0	
Total Volume	0	8	0	8	0	0	0	0	0	5	0	5	0	0	0	0	
% App. Total	0	100	0		0	0	0		0	100	0		0	0	0		
PHF	.000	.500	.000	.500	.000	.000	.000	.000	.000	.625	.000	.625	.000	.000	.000	.000	

City of Yorba Linda
 N/S: Imperial Highway
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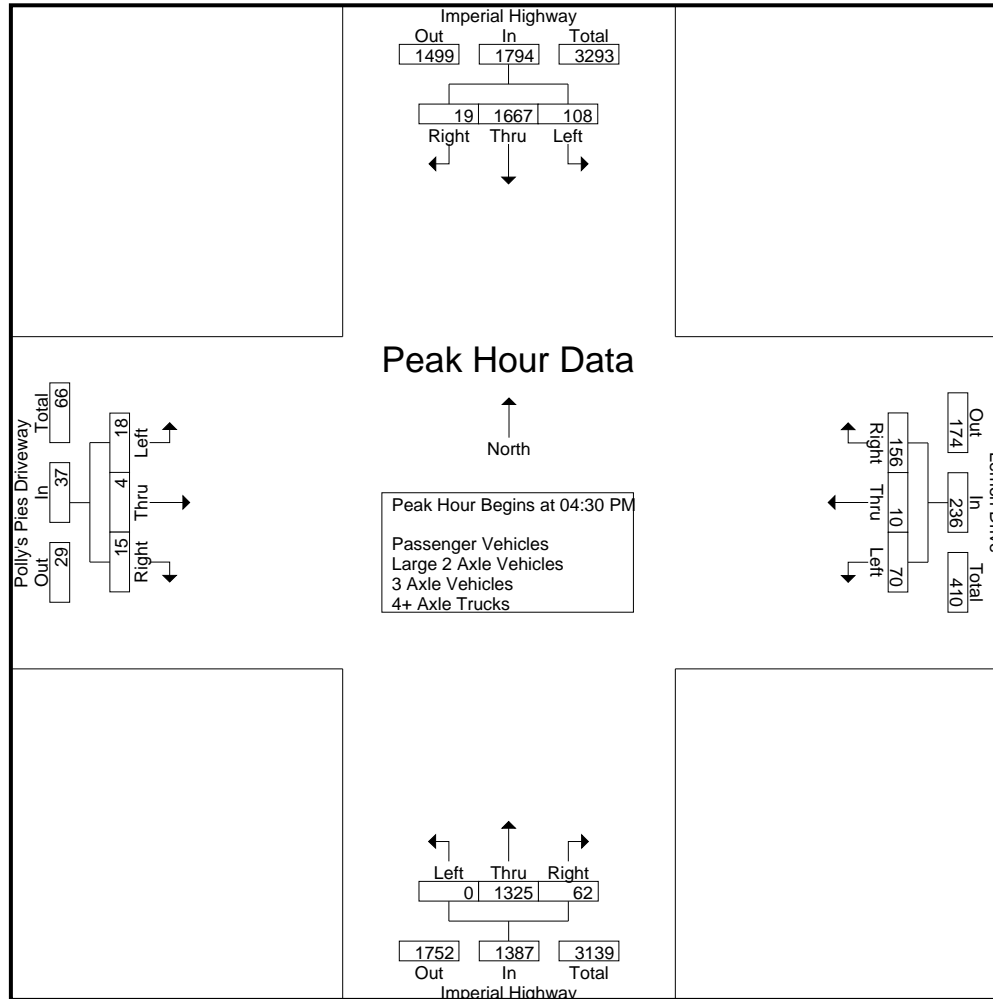
Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

Start Time	Imperial Highway Southbound					Lemon Drive Westbound					Imperial Highway Northbound					Polly's Pies Driveway Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	19	386	4	0	409	16	4	37	27	57	0	303	20	0	323	3	4	5	3	12	30	801	831
04:15 PM	30	352	3	0	385	18	2	34	20	54	0	332	12	0	344	3	0	3	2	6	22	789	811
04:30 PM	24	381	5	0	410	18	1	32	22	51	0	331	13	0	344	6	0	6	3	12	25	817	842
04:45 PM	33	438	4	0	475	21	6	41	25	68	0	318	12	1	330	4	1	1	1	6	27	879	906
Total	106	1557	16	0	1679	73	13	144	94	230	0	1284	57	1	1341	16	5	15	9	36	104	3286	3390
05:00 PM	34	414	6	0	454	17	1	45	32	63	0	341	19	1	360	5	2	3	3	10	36	887	923
05:15 PM	17	434	4	0	455	14	2	38	33	54	0	335	18	0	353	3	1	5	3	9	36	871	907
05:30 PM	20	389	10	1	419	16	2	28	21	46	0	306	17	0	323	5	2	1	0	8	22	796	818
05:45 PM	24	306	3	0	333	10	0	24	23	34	0	291	25	2	316	3	1	2	1	6	26	689	715
Total	95	1543	23	1	1661	57	5	135	109	197	0	1273	79	3	1352	16	6	11	7	33	120	3243	3363
Grand Total	201	3100	39	1	3340	130	18	279	203	427	0	2557	136	4	2693	32	11	26	16	69	224	6529	6753
Apprch %	6	92.8	1.2			30.4	4.2	65.3			0	94.9	5.1			46.4	15.9	37.7					
Total %	3.1	47.5	0.6		51.2	2	0.3	4.3		6.5	0	39.2	2.1	41.2	0.5	0.2	0.4		1.1		3.3	96.7	
Passenger Vehicles	199	3054	39		3293	125	18	277		621	0	2520	135		2659	32	11	25		83	0	0	6656
% Passenger Vehicles	99	98.5	100	100	98.6	96.2	100	99.3	99	98.6	0	98.6	99.3	100	98.6	100	100	96.2	93.8	97.6	0	0	98.6
Large 2 Axle Vehicles	2	32	0		34	5	0	2		9	0	29	1		30	0	0	0		0	0	0	73
% Large 2 Axle Vehicles	1	1	0	0	1	3.8	0	0.7	1	1.4	0	1.1	0.7	0	1.1	0	0	0	0	0	0	0	1.1
3 Axle Vehicles	0	8	0		8	0	0	0		0	0	3	0		3	0	0	1		2	0	0	13
% 3 Axle Vehicles	0	0.3	0	0	0.2	0	0	0	0	0	0	0.1	0	0	0.1	0	0	3.8	6.2	2.4	0	0	0.2
4+ Axle Trucks	0	6	0		6	0	0	0		0	0	5	0		5	0	0	0		0	0	0	11
% 4+ Axle Trucks	0	0.2	0	0	0.2	0	0	0	0	0	0	0.2	0	0	0.2	0	0	0	0	0	0	0	0.2

Start Time	Imperial Highway Southbound				Lemon Drive Westbound				Imperial Highway Northbound				Polly's Pies Driveway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	24	381	5	410	18	1	32	51	0	331	13	344	6	0	6	12	817
04:45 PM	33	438	4	475	21	6	41	68	0	318	12	330	4	1	1	6	879
05:00 PM	34	414	6	454	17	1	45	63	0	341	19	360	5	2	3	10	887
05:15 PM	17	434	4	455	14	2	38	54	0	335	18	353	3	1	5	9	871
Total Volume	108	1667	19	1794	70	10	156	236	0	1325	62	1387	18	4	15	37	3454
% App. Total	6	92.9	1.1		29.7	4.2	66.1		0	95.5	4.5		48.6	10.8	40.5		
PHF	.794	.951	.792	.944	.833	.417	.867	.868	.000	.971	.816	.963	.750	.500	.625	.771	.974

City of Yorba Linda
 N/S: Imperial Highway
 E/W: Lemon Drive
 Weather: Clear

File Name : 04_YLA_Imp_Lem PM
 Site Code : 05122223
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City of Yorba Linda
 N/S: Imperial Highway
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File Name : 04_YLA_Imp_Lem PM
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Start Time	Imperial Highway Southbound				Lemon Drive Westbound				Imperial Highway Northbound				Polly's Pies Driveway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:45 PM				04:15 PM				04:30 PM				04:30 PM				
+0 mins.	33	438	4	475	18	2	34	54	0	331	13	344	6	0	6	12	
+15 mins.	34	414	6	454	18	1	32	51	0	318	12	330	4	1	1	6	
+30 mins.	17	434	4	455	21	6	41	68	0	341	19	360	5	2	3	10	
+45 mins.	20	389	10	419	17	1	45	63	0	335	18	353	3	1	5	9	
Total Volume	104	1675	24	1803	74	10	152	236	0	1325	62	1387	18	4	15	37	
% App. Total	5.8	92.9	1.3		31.4	4.2	64.4		0	95.5	4.5		48.6	10.8	40.5		
PHF	.765	.956	.600	.949	.881	.417	.844	.868	.000	.971	.816	.963	.750	.500	.625	.771	

City of Yorba Linda
 N/S: Imperial Highway
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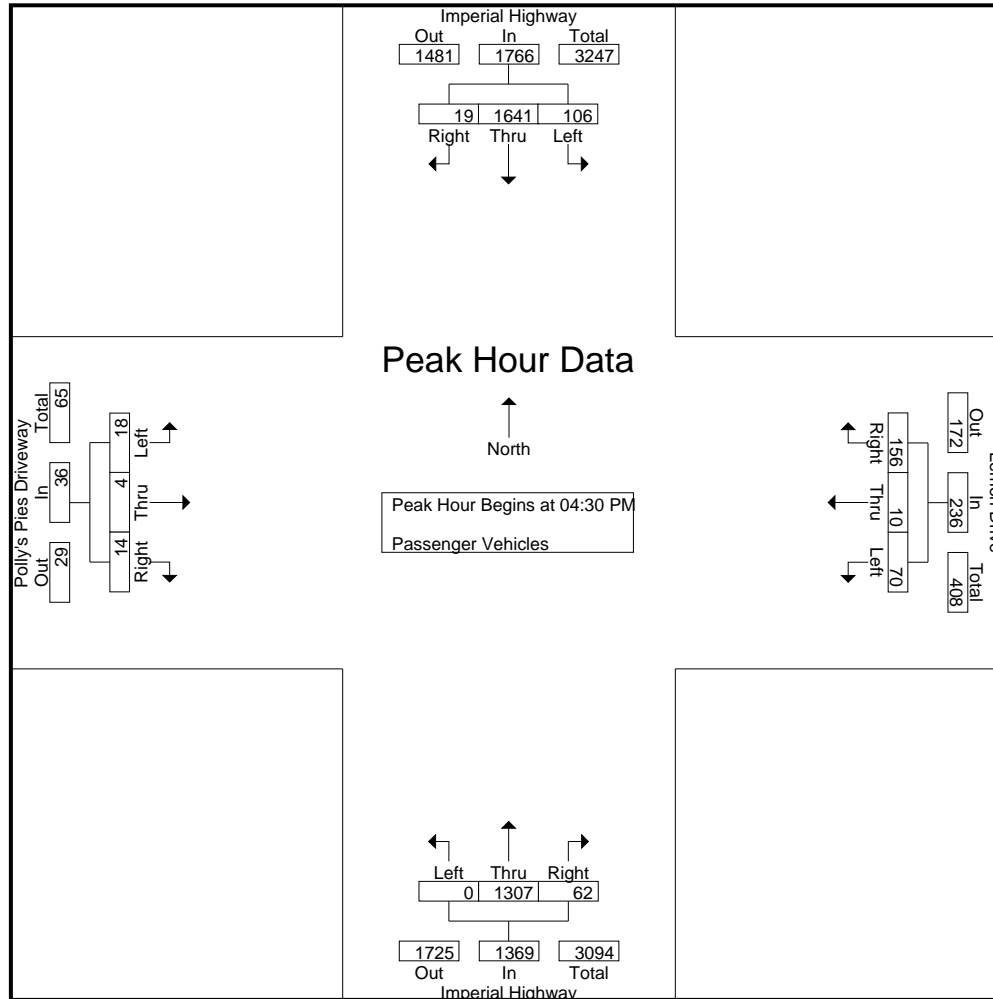
Groups Printed- Passenger Vehicles

Start Time	Imperial Highway Southbound					Lemon Drive Westbound					Imperial Highway Northbound					Polly's Pies Driveway Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	19	380	4	0	403	14	4	35	25	53	0	296	20	0	316	3	4	5	3	12	28	784	812
04:15 PM	30	347	3	0	380	17	2	34	20	53	0	325	11	0	336	3	0	3	2	6	22	775	797
04:30 PM	24	377	5	0	406	18	1	32	22	51	0	325	13	0	338	6	0	6	3	12	25	807	832
04:45 PM	32	430	4	0	466	21	6	41	25	68	0	317	12	1	329	4	1	1	1	6	27	869	896
Total	105	1534	16	0	1655	70	13	142	92	225	0	1263	56	1	1319	16	5	15	9	36	102	3235	3337
05:00 PM	33	406	6	0	445	17	1	45	32	63	0	336	19	1	355	5	2	2	2	9	35	872	907
05:15 PM	17	428	4	0	449	14	2	38	33	54	0	329	18	0	347	3	1	5	3	9	36	859	895
05:30 PM	20	383	10	1	413	15	2	28	21	45	0	301	17	0	318	5	2	1	0	8	22	784	806
05:45 PM	24	303	3	0	330	9	0	24	23	33	0	291	25	2	316	3	1	2	1	6	26	685	711
Total	94	1520	23	1	1637	55	5	135	109	195	0	1257	79	3	1336	16	6	10	6	32	119	3200	3319
Grand Total	199	3054	39	1	3292	125	18	277	201	420	0	2520	135	4	2655	32	11	25	15	68	221	6435	6656
Apprch %	6	92.8	1.2			29.8	4.3	66			0	94.9	5.1			47.1	16.2	36.8					
Total %	3.1	47.5	0.6		51.2	1.9	0.3	4.3		6.5	0	39.2	2.1		41.3	0.5	0.2	0.4		1.1	3.3	96.7	

Start Time	Imperial Highway Southbound				Lemon Drive Westbound				Imperial Highway Northbound				Polly's Pies Driveway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	24	377	5	406	18	1	32	51	0	325	13	338	6	0	6	12	807
04:45 PM	32	430	4	466	21	6	41	68	0	317	12	329	4	1	1	6	869
05:00 PM	33	406	6	445	17	1	45	63	0	336	19	355	5	2	2	9	872
05:15 PM	17	428	4	449	14	2	38	54	0	329	18	347	3	1	5	9	859
Total Volume	106	1641	19	1766	70	10	156	236	0	1307	62	1369	18	4	14	36	3407
% App. Total	6	92.9	1.1		29.7	4.2	66.1		0	95.5	4.5		50	11.1	38.9		
PHF	.803	.954	.792	.947	.833	.417	.867	.868	.000	.972	.816	.964	.750	.500	.583	.750	.977

City of Yorba Linda
 N/S: Imperial Highway
 E/W: Lemon Drive
 Weather: Clear

File Name : 04_YLA_Imp_Lem PM
 Site Code : 05122223
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City of Yorba Linda
 N/S: Imperial Highway
 E/W: Lemon Drive
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File Name : 04_YLA_Imp_Lem PM
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Start Time	Imperial Highway Southbound				Lemon Drive Westbound				Imperial Highway Northbound				Polly's Pies Driveway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:30 PM				04:30 PM				04:30 PM				04:30 PM				
+0 mins.	24	377	5	406	18	1	32	51	0	325	13	338	6	0	6	12	
+15 mins.	32	430	4	466	21	6	41	68	0	317	12	329	4	1	1	6	
+30 mins.	33	406	6	445	17	1	45	63	0	336	19	355	5	2	2	9	
+45 mins.	17	428	4	449	14	2	38	54	0	329	18	347	3	1	5	9	
Total Volume	106	1641	19	1766	70	10	156	236	0	1307	62	1369	18	4	14	36	
% App. Total	6	92.9	1.1		29.7	4.2	66.1		0	95.5	4.5		50	11.1	38.9		
PHF	.803	.954	.792	.947	.833	.417	.867	.868	.000	.972	.816	.964	.750	.500	.583	.750	

City of Yorba Linda
 N/S: Imperial Highway
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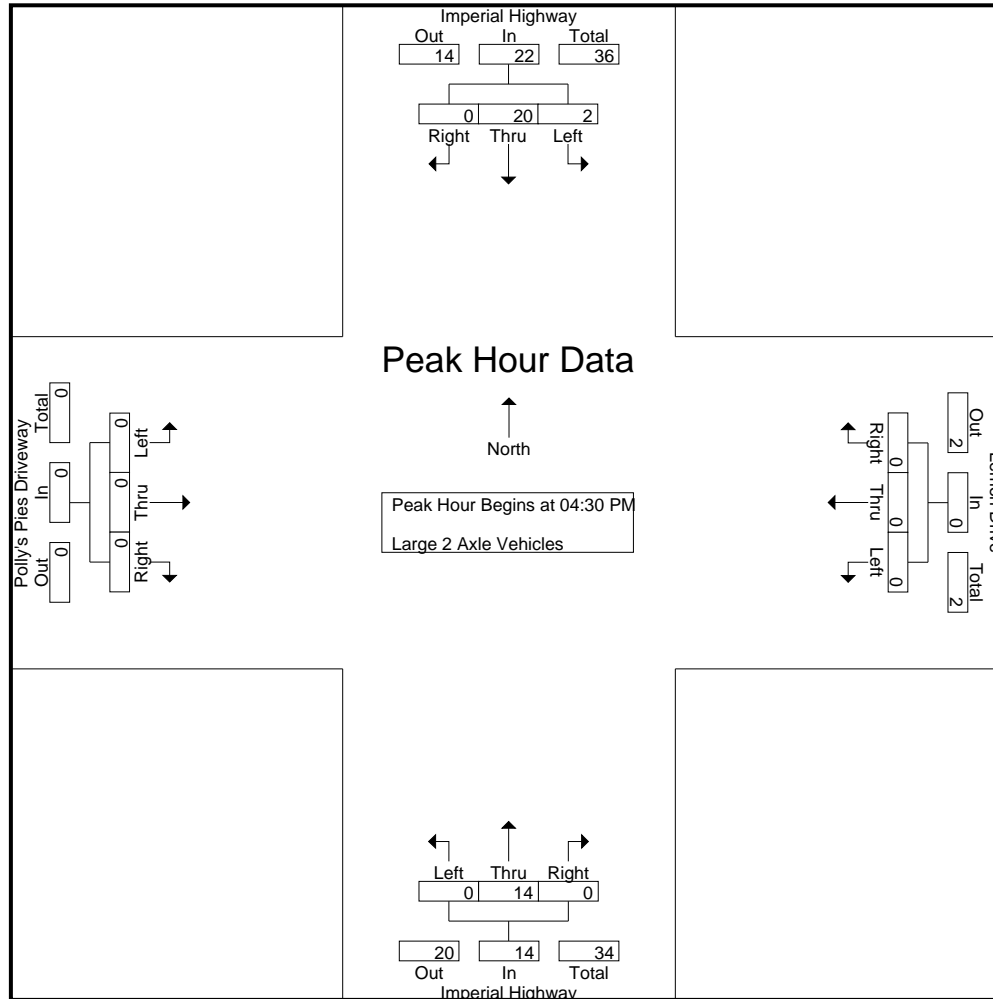
Groups Printed- Large 2 Axle Vehicles

Start Time	Imperial Highway Southbound					Lemon Drive Westbound					Imperial Highway Northbound					Polly's Pies Driveway Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	0	4	0	0	4	2	0	2	2	4	0	7	0	0	7	0	0	0	0	0	2	15	17
04:15 PM	0	3	0	0	3	1	0	0	0	1	0	4	1	0	5	0	0	0	0	0	0	9	9
04:30 PM	0	2	0	0	2	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	5	5
04:45 PM	1	6	0	0	7	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	8	8
Total	1	15	0	0	16	3	0	2	2	5	0	15	1	0	16	0	0	0	0	0	2	37	39
05:00 PM	1	7	0	0	8	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	13	13
05:15 PM	0	5	0	0	5	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	10	10
05:30 PM	0	3	0	0	3	1	0	0	0	1	0	4	0	0	4	0	0	0	0	0	0	8	8
05:45 PM	0	2	0	0	2	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3	3
Total	1	17	0	0	18	2	0	0	0	2	0	14	0	0	14	0	0	0	0	0	0	34	34
Grand Total	2	32	0	0	34	5	0	2	2	7	0	29	1	0	30	0	0	0	0	0	2	71	73
Apprch %	5.9	94.1	0			71.4	0	28.6			0	96.7	3.3			0	0	0					
Total %	2.8	45.1	0		47.9	7	0	2.8		9.9	0	40.8	1.4		42.3	0	0	0		0	2.7	97.3	

Start Time	Imperial Highway Southbound				Lemon Drive Westbound				Imperial Highway Northbound				Polly's Pies Driveway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	0	2	0	2	0	0	0	0	0	3	0	3	0	0	0	0	5
04:45 PM	1	6	0	7	0	0	0	0	0	1	0	1	0	0	0	0	8
05:00 PM	1	7	0	8	0	0	0	0	0	5	0	5	0	0	0	0	13
05:15 PM	0	5	0	5	0	0	0	0	0	5	0	5	0	0	0	0	10
Total Volume	2	20	0	22	0	0	0	0	0	14	0	14	0	0	0	0	36
% App. Total	9.1	90.9	0		0	0	0		0	100	0		0	0	0		
PHF	.500	.714	.000	.688	.000	.000	.000	.000	.000	.700	.000	.700	.000	.000	.000	.000	.692

City of Yorba Linda
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City of Yorba Linda
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Start Time	Imperial Highway Southbound				Lemon Drive Westbound				Imperial Highway Northbound				Polly's Pies Driveway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:30 PM				04:30 PM				04:30 PM				04:30 PM				
+0 mins.	0	2	0	2	0	0	0	0	0	3	0	3	0	0	0	0	
+15 mins.	1	6	0	7	0	0	0	0	0	1	0	1	0	0	0	0	
+30 mins.	1	7	0	8	0	0	0	0	0	5	0	5	0	0	0	0	
+45 mins.	0	5	0	5	0	0	0	0	0	5	0	5	0	0	0	0	
Total Volume	2	20	0	22	0	0	0	0	0	14	0	14	0	0	0	0	
% App. Total	9.1	90.9	0		0	0	0		0	100	0		0	0	0		
PHF	.500	.714	.000	.688	.000	.000	.000	.000	.000	.700	.000	.700	.000	.000	.000	.000	

City of Yorba Linda
 N/S: Imperial Highway
 E/W: Lemon Drive
 Weather: Clear

File Name : 04_YLA_Imp_Lem PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

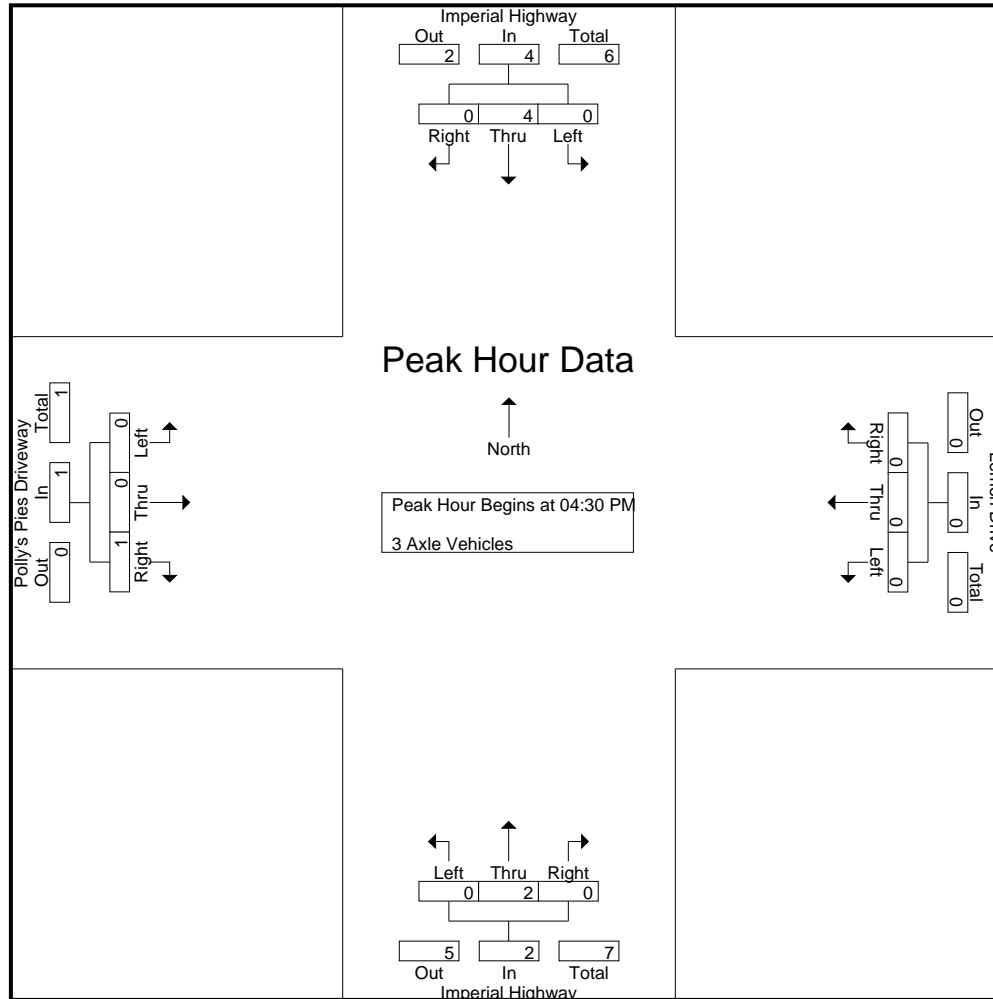
Groups Printed- 3 Axle Vehicles

Start Time	Imperial Highway Southbound					Lemon Drive Westbound					Imperial Highway Northbound					Polly's Pies Driveway Eastbound					Exclu. Total	Inclu. Total	Int. Total					
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total								
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3	3
04:30 PM	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	4	4
04:45 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Total	0	5	0	0	5	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	8	8
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2
05:15 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
05:30 PM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	4	5
Grand Total	0	8	0	0	8	0	0	0	0	0	0	3	0	0	3	0	0	1	1	1	1	1	1	1	1	1	12	13
Apprch %	0	100	0			0	0	0			0	100	0			0	0	100										
Total %	0	66.7	0		66.7	0	0	0		0	0	25	0		25	0	0	8.3		8.3	7.7	92.3						

Start Time	Imperial Highway Southbound				Lemon Drive Westbound				Imperial Highway Northbound				Polly's Pies Driveway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	0	2	0	2	0	0	0	0	0	2	0	2	0	0	0	0	4
04:45 PM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
05:15 PM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Total Volume	0	4	0	4	0	0	0	0	0	2	0	2	0	0	1	1	7
% App. Total	0	100	0		0	0	0		0	100	0		0	0	100		
PHF	.000	.500	.000	.500	.000	.000	.000	.000	.000	.250	.000	.250	.000	.000	.250	.250	.438

City of Yorba Linda
 N/S: Imperial Highway
 E/W: Lemon Drive
 Weather: Clear

File Name : 04_YLA_Imp_Lem PM
 Site Code : 05122223
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City of Yorba Linda
 N/S: Imperial Highway
 E/W: Lemon Drive
 Weather: Clear

File Name : 04_YLA_Imp_Lem PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Imperial Highway Southbound				Lemon Drive Westbound				Imperial Highway Northbound				Polly's Pies Driveway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:30 PM				04:30 PM				04:30 PM				04:30 PM				
+0 mins.	0	2	0	2	0	0	0	0	0	2	0	2	0	0	0	0	
+15 mins.	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
+45 mins.	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
Total Volume	0	4	0	4	0	0	0	0	0	2	0	2	0	0	1	1	
% App. Total	0	100	0		0	0	0		0	100	0		0	0	100		
PHF	.000	.500	.000	.500	.000	.000	.000	.000	.000	.250	.000	.250	.000	.000	.250	.250	

City of Yorba Linda
 N/S: Imperial Highway
 E/W: Lemon Drive
 Weather: Clear

File Name : 04_YLA_Imp_Lem PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

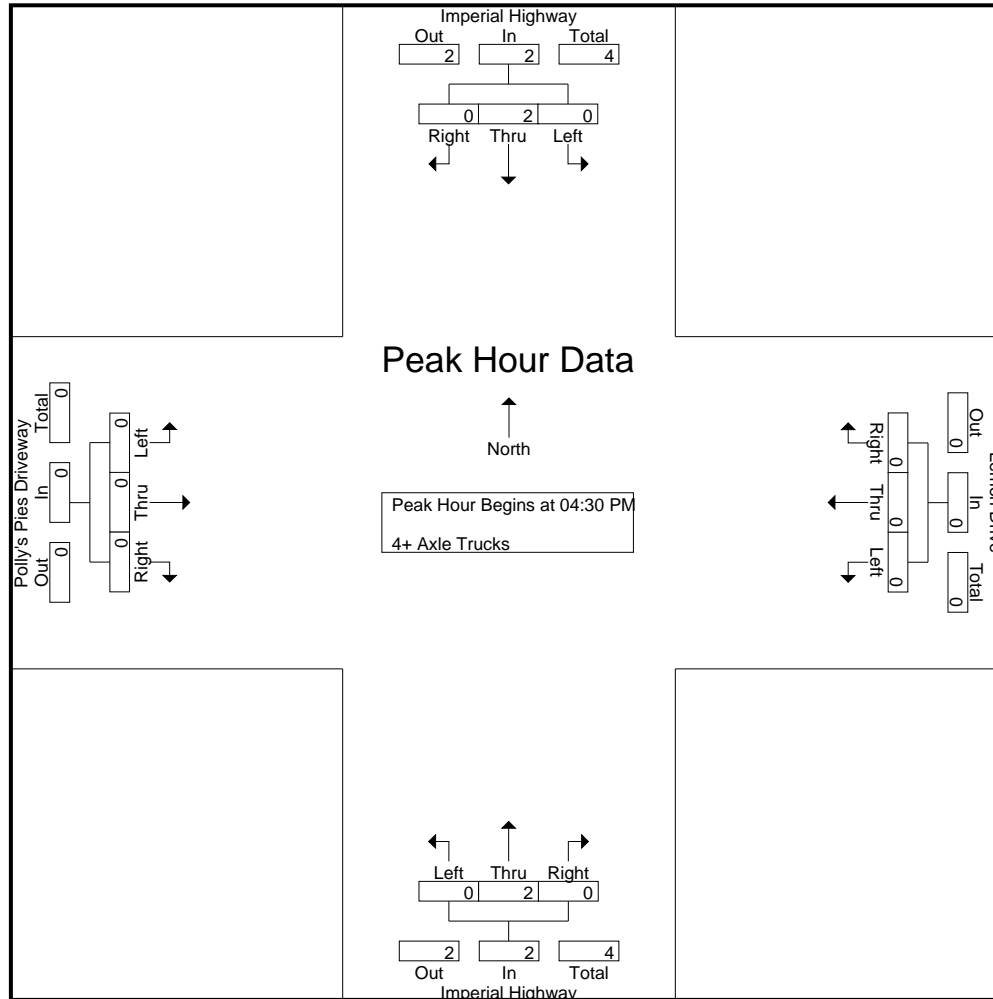
Groups Printed- 4+ Axle Trucks

Start Time	Imperial Highway Southbound					Lemon Drive Westbound					Imperial Highway Northbound					Polly's Pies Driveway Eastbound					Exclu. Total	Inclu. Total	Int. Total					
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total								
04:00 PM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1
04:45 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Total	0	3	0	0	3	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	6	6
05:00 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1
05:30 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	2
05:45 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Total	0	3	0	0	3	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	5	5
Grand Total	0	6	0	0	6	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0	11	11
Apprch %	0	100	0			0	0	0			0	100	0			0	0	0			0	0	0			0		
Total %	0	54.5	0		54.5	0	0	0		0	0	45.5	0		45.5	0	0	0		0	0	0	0		0	0	100	

Start Time	Imperial Highway Southbound				Lemon Drive Westbound				Imperial Highway Northbound				Polly's Pies Driveway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
04:45 PM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
05:00 PM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
05:15 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
Total Volume	0	2	0	2	0	0	0	0	0	2	0	2	0	0	0	0	4
% App. Total	0	100	0		0	0	0		0	100	0		0	0	0		
PHF	.000	.500	.000	.500	.000	.000	.000	.000	.000	.500	.000	.500	.000	.000	.000	.000	1.00

City of Yorba Linda
 N/S: Imperial Highway
 E/W: Lemon Drive
 Weather: Clear

File Name : 04_YLA_Imp_Lem PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Imperial Highway
 E/W: Lemon Drive
 Weather: Clear

File Name : 04_YLA_Imp_Lem PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Imperial Highway Southbound				Lemon Drive Westbound				Imperial Highway Northbound				Polly's Pies Driveway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:30 PM				04:30 PM				04:30 PM				04:30 PM				
+0 mins.	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	
+15 mins.	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
+30 mins.	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
+45 mins.	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	
Total Volume	0	2	0	2	0	0	0	0	0	2	0	2	0	0	0	0	
% App. Total	0	100	0		0	0	0		0	100	0		0	0	0		
PHF	.000	.500	.000	.500	.000	.000	.000	.000	.000	.500	.000	.500	.000	.000	.000	.000	

Location: Yorba Linda
 N/S: Imperial Highway
 E/W: Lemon Drive



Date: 3/15/2022
 Day: Tuesday

PEDESTRIANS

	North Leg Imperial Highway Pedestrians	East Leg Lemon Drive Pedestrians	South Leg Imperial Highway Pedestrians	West Leg Polly's Pies Driveway Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	0	0	0	0	0
7:45 AM	0	0	0	0	0
8:00 AM	0	0	0	1	1
8:15 AM	0	0	0	0	0
8:30 AM	0	0	1	2	3
8:45 AM	0	0	0	0	0
TOTAL VOLUMES:	0	0	1	3	4

	North Leg Imperial Highway Pedestrians	East Leg Lemon Drive Pedestrians	South Leg Imperial Highway Pedestrians	West Leg Polly's Pies Driveway Pedestrians	
4:00 PM	0	0	0	0	0
4:15 PM	0	0	0	1	1
4:30 PM	0	0	0	1	1
4:45 PM	0	0	0	0	0
5:00 PM	0	0	0	1	1
5:15 PM	0	0	0	0	0
5:30 PM	0	0	2	2	4
5:45 PM	0	0	0	0	0
TOTAL VOLUMES:	0	0	2	5	7

Location: Yorba Linda
 N/S: Imperial Highway
 E/W: Lemon Drive



Date: 3/15/2022
 Day: Tuesday

BICYCLES

	Southbound Imperial Highway			Westbound Lemon Drive			Northbound Imperial Highway			Eastbound Polly's Pies Driveway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	1	0	0	0	0	0	0	1
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	0	1	0	1	0	0	0	0	2

	Southbound Imperial Highway			Westbound Lemon Drive			Northbound Imperial Highway			Eastbound Polly's Pies Driveway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	2	0	0	0	0	0	1	0	0	0	0	3

City of Yorba Linda
 N/S: Imperial Highway
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 05_YLA_Imp_Yorba AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

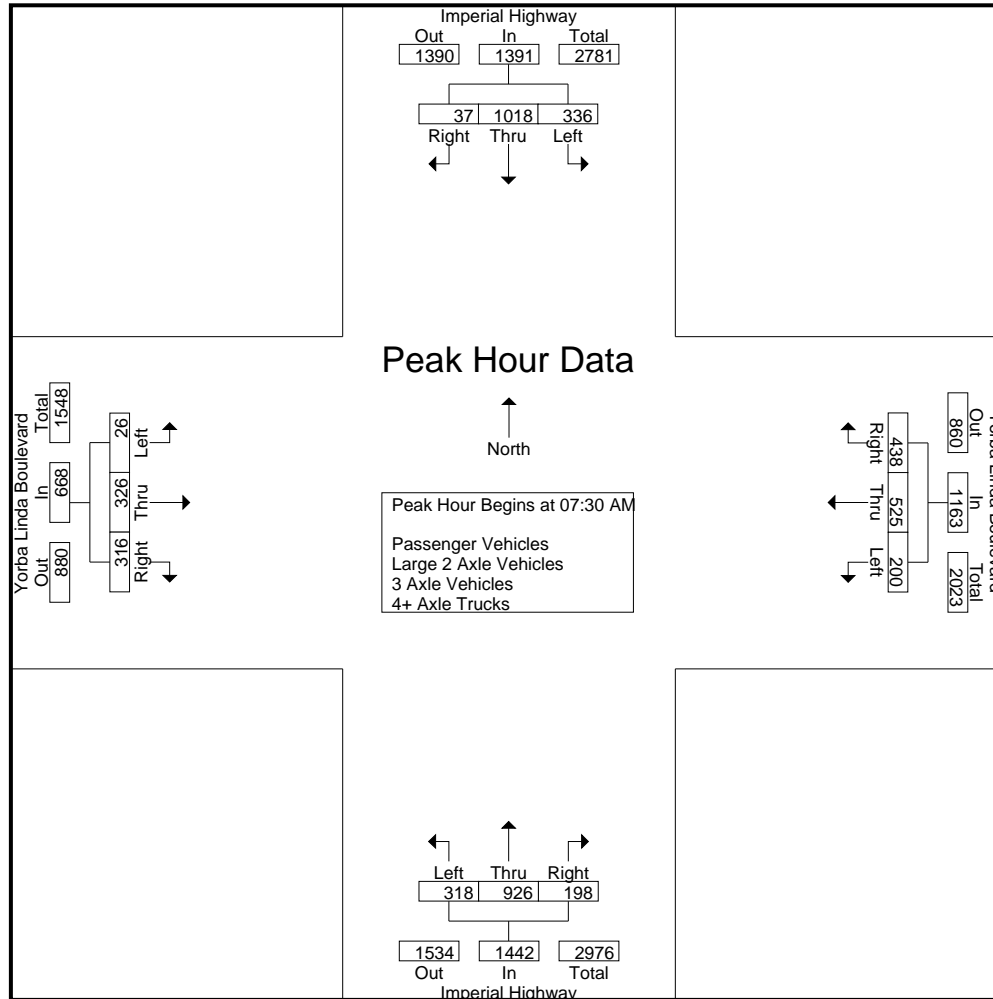
Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

Start Time	Imperial Highway Southbound					Yorba Linda Boulevard Westbound					Imperial Highway Northbound					Yorba Linda Boulevard Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	45	185	2	1	232	16	58	50	15	124	38	155	19	4	212	4	41	57	28	102	48	670	718
07:15 AM	57	243	6	2	306	25	94	78	24	197	52	179	23	12	254	3	50	74	25	127	63	884	947
07:30 AM	62	274	7	2	343	57	123	111	29	291	91	262	34	1	387	8	52	87	21	147	53	1168	1221
07:45 AM	91	302	17	2	410	56	121	113	49	290	89	259	55	6	403	4	87	91	33	182	90	1285	1375
Total	255	1004	32	7	1291	154	396	352	117	902	270	855	131	23	1256	19	230	309	107	558	254	4007	4261
08:00 AM	77	233	4	0	314	41	121	101	22	263	65	200	52	16	317	5	90	70	29	165	67	1059	1126
08:15 AM	106	209	9	2	324	46	160	113	52	319	73	205	57	29	335	9	97	68	21	174	104	1152	1256
08:30 AM	96	170	9	3	275	33	153	93	39	279	69	158	63	14	290	16	118	75	20	209	76	1053	1129
08:45 AM	79	181	11	2	271	35	149	92	46	276	69	203	47	9	319	16	108	65	18	189	75	1055	1130
Total	358	793	33	7	1184	155	583	399	159	1137	276	766	219	68	1261	46	413	278	88	737	322	4319	4641
Grand Total	613	1797	65	14	2475	309	979	751	276	2039	546	1621	350	91	2517	65	643	587	195	1295	576	8326	8902
Apprch %	24.8	72.6	2.6			15.2	48	36.8			21.7	64.4	13.9			5	49.7	45.3					
Total %	7.4	21.6	0.8		29.7	3.7	11.8	9		24.5	6.6	19.5	4.2		30.2	0.8	7.7	7.1		15.6	6.5	93.5	
Passenger Vehicles	592	1731	59		2395	301	961	734		2267	535	1567	340		2532	63	627	577		1461	0	0	8655
% Passenger Vehicles	96.6	96.3	90.8	92.9	96.2	97.4	98.2	97.7	98.2	97.9	98	96.7	97.1	98.9	97.1	96.9	97.5	98.3	99.5	98.1	0	0	97.2
Large 2 Axle Vehicles	17	32	6		56	5	15	12		36	7	34	8		50	1	11	7		20	0	0	162
% Large 2 Axle Vehicles	2.8	1.8	9.2	7.1	2.2	1.6	1.5	1.6	1.4	1.6	1.3	2.1	2.3	1.1	1.9	1.5	1.7	1.2	0.5	1.3	0	0	1.8
3 Axle Vehicles	1	9	0		10	1	1	2		5	0	7	1		8	0	0	3		3	0	0	26
% 3 Axle Vehicles	0.2	0.5	0	0	0.4	0.3	0.1	0.3	0.4	0.2	0	0.4	0.3	0	0.3	0	0	0.5	0	0.2	0	0	0.3
4+ Axle Trucks	3	25	0		28	2	2	3		7	4	13	1		18	1	5	0		6	0	0	59
% 4+ Axle Trucks	0.5	1.4	0	0	1.1	0.6	0.2	0.4	0	0.3	0.7	0.8	0.3	0	0.7	1.5	0.8	0	0	0.4	0	0	0.7

Start Time	Imperial Highway Southbound				Yorba Linda Boulevard Westbound				Imperial Highway Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	62	274	7	343	57	123	111	291	91	262	34	387	8	52	87	147	1168
07:45 AM	91	302	17	410	56	121	113	290	89	259	55	403	4	87	91	182	1285
08:00 AM	77	233	4	314	41	121	101	263	65	200	52	317	5	90	70	165	1059
08:15 AM	106	209	9	324	46	160	113	319	73	205	57	335	9	97	68	174	1152
Total Volume	336	1018	37	1391	200	525	438	1163	318	926	198	1442	26	326	316	668	4664
% App. Total	24.2	73.2	2.7		17.2	45.1	37.7		22.1	64.2	13.7		3.9	48.8	47.3		
PHF	.792	.843	.544	.848	.877	.820	.969	.911	.874	.884	.868	.895	.722	.840	.868	.918	.907

City of Yorba Linda
 N/S: Imperial Highway
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 05_YLA_Imp_Yorba AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Imperial Highway
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 05_YLA_Imp_Yorba AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Imperial Highway Southbound				Yorba Linda Boulevard Westbound				Imperial Highway Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:30 AM				07:30 AM				07:30 AM				08:00 AM				
+0 mins.	62	274	7	343	57	123	111	291	91	262	34	387	5	90	70	165	
+15 mins.	91	302	17	410	56	121	113	290	89	259	55	403	9	97	68	174	
+30 mins.	77	233	4	314	41	121	101	263	65	200	52	317	16	118	75	209	
+45 mins.	106	209	9	324	46	160	113	319	73	205	57	335	16	108	65	189	
Total Volume	336	1018	37	1391	200	525	438	1163	318	926	198	1442	46	413	278	737	
% App. Total	24.2	73.2	2.7		17.2	45.1	37.7		22.1	64.2	13.7		6.2	56	37.7		
PHF	.792	.843	.544	.848	.877	.820	.969	.911	.874	.884	.868	.895	.719	.875	.927	.882	

City of Yorba Linda
 N/S: Imperial Highway
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 05_YLA_Imp_Yorba AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

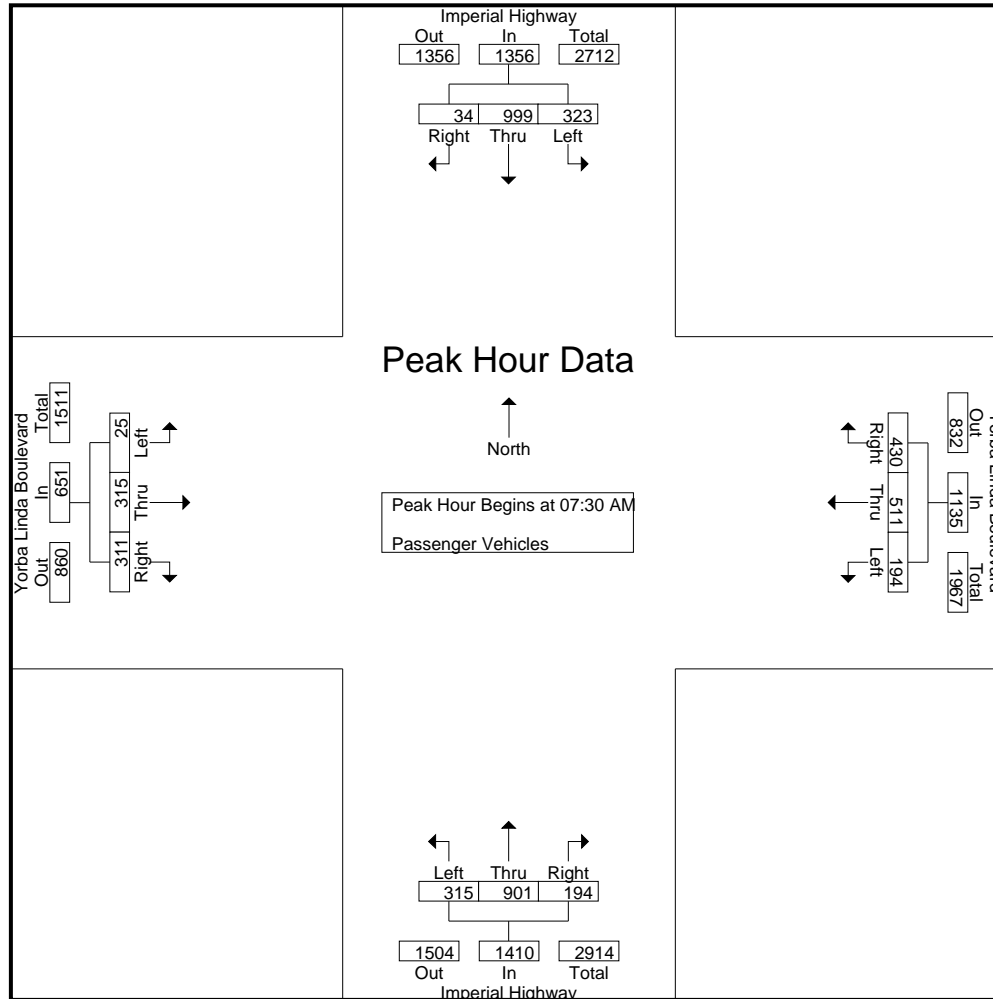
Groups Printed- Passenger Vehicles

Start Time	Imperial Highway Southbound					Yorba Linda Boulevard Westbound					Imperial Highway Northbound					Yorba Linda Boulevard Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	43	175	2	1	220	16	58	49	15	123	35	152	17	4	204	4	39	55	28	98	48	645	693
07:15 AM	56	232	4	1	292	23	93	78	24	194	50	170	22	11	242	2	49	74	25	125	61	853	914
07:30 AM	60	269	5	2	334	56	120	108	29	284	91	258	33	1	382	7	49	86	21	142	53	1142	1195
07:45 AM	86	299	17	2	402	55	117	112	48	284	87	252	54	6	393	4	84	90	33	178	89	1257	1346
Total	245	975	28	6	1248	150	388	347	116	885	263	832	126	22	1221	17	221	305	107	543	251	3897	4148
08:00 AM	74	228	3	0	305	40	119	100	22	259	65	194	51	16	310	5	86	69	29	160	67	1034	1101
08:15 AM	103	203	9	2	315	43	155	110	50	308	72	197	56	29	325	9	96	66	20	171	101	1119	1220
08:30 AM	92	161	9	3	262	33	151	87	37	271	66	152	62	14	280	16	118	75	20	209	74	1022	1096
08:45 AM	78	164	10	2	252	35	148	90	46	273	69	192	45	9	306	16	106	62	18	184	75	1015	1090
Total	347	756	31	7	1134	151	573	387	155	1111	272	735	214	68	1221	46	406	272	87	724	317	4190	4507
Grand Total	592	1731	59	13	2382	301	961	734	271	1996	535	1567	340	90	2442	63	627	577	194	1267	568	8087	8655
Apprch %	24.9	72.7	2.5			15.1	48.1	36.8			21.9	64.2	13.9			5	49.5	45.5					
Total %	7.3	21.4	0.7		29.5	3.7	11.9	9.1		24.7	6.6	19.4	4.2		30.2	0.8	7.8	7.1		15.7	6.6	93.4	

Start Time	Imperial Highway Southbound				Yorba Linda Boulevard Westbound				Imperial Highway Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	60	269	5	334	56	120	108	284	91	258	33	382	7	49	86	142	1142
07:45 AM	86	299	17	402	55	117	112	284	87	252	54	393	4	84	90	178	1257
08:00 AM	74	228	3	305	40	119	100	259	65	194	51	310	5	86	69	160	1034
08:15 AM	103	203	9	315	43	155	110	308	72	197	56	325	9	96	66	171	1119
Total Volume	323	999	34	1356	194	511	430	1135	315	901	194	1410	25	315	311	651	4552
% App. Total	23.8	73.7	2.5		17.1	45	37.9		22.3	63.9	13.8		3.8	48.4	47.8		
PHF	.784	.835	.500	.843	.866	.824	.960	.921	.865	.873	.866	.897	.694	.820	.864	.914	.905

City of Yorba Linda
 N/S: Imperial Highway
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 05_YLA_Imp_Yorba AM
 Site Code : 05122223
 Start Date : 3/15/2022
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City of Yorba Linda
 N/S: Imperial Highway
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 05_YLA_Imp_Yorba AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Imperial Highway Southbound				Yorba Linda Boulevard Westbound				Imperial Highway Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:30 AM				07:30 AM				07:30 AM				07:30 AM				
+0 mins.	60	269	5	334	56	120	108	284	91	258	33	382	7	49	86	142	
+15 mins.	86	299	17	402	55	117	112	284	87	252	54	393	4	84	90	178	
+30 mins.	74	228	3	305	40	119	100	259	65	194	51	310	5	86	69	160	
+45 mins.	103	203	9	315	43	155	110	308	72	197	56	325	9	96	66	171	
Total Volume	323	999	34	1356	194	511	430	1135	315	901	194	1410	25	315	311	651	
% App. Total	23.8	73.7	2.5		17.1	45	37.9		22.3	63.9	13.8		3.8	48.4	47.8		
PHF	.784	.835	.500	.843	.866	.824	.960	.921	.865	.873	.866	.897	.694	.820	.864	.914	

City of Yorba Linda
 N/S: Imperial Highway
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 05_YLA_Imp_Yorba AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

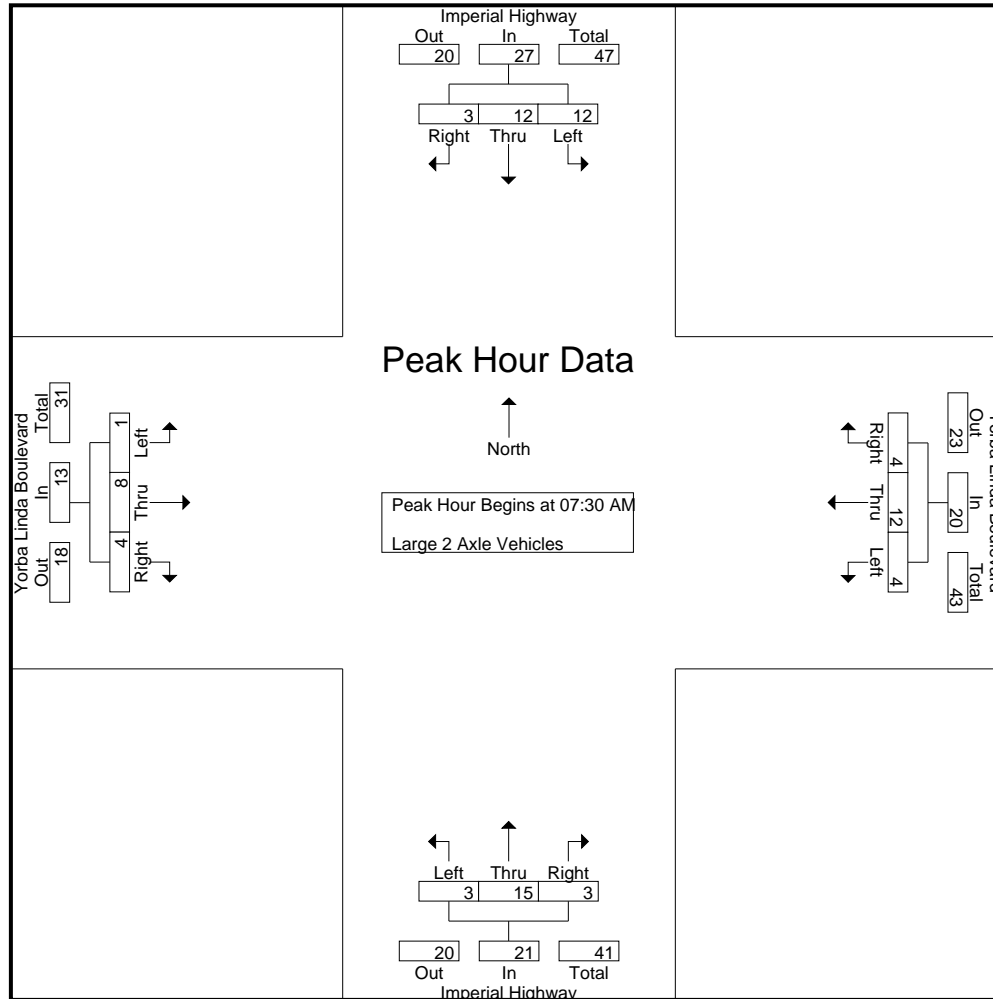
Groups Printed- Large 2 Axle Vehicles

Start Time	Imperial Highway Southbound					Yorba Linda Boulevard Westbound					Imperial Highway Northbound					Yorba Linda Boulevard Eastbound					Exclu. Total	Inclu. Total	Int. Total	
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total				
07:00 AM	2	2	0	0	4	0	0	1	0	1	2	2	1	0	5	0	1	0	0	1	0	0	11	11
07:15 AM	1	4	2	1	7	1	1	0	0	2	0	7	1	1	8	0	1	0	0	1	2	18	20	20
07:30 AM	2	3	2	0	7	1	3	1	0	5	0	3	1	0	4	1	3	0	0	4	0	20	20	20
07:45 AM	4	2	0	0	6	1	3	1	1	5	2	5	0	0	7	0	2	1	0	3	1	21	22	22
Total	9	11	4	1	24	3	7	3	1	13	4	17	3	1	24	1	7	1	0	9	3	70	73	73
08:00 AM	3	4	1	0	8	1	2	0	0	3	0	4	1	0	5	0	3	1	0	4	0	20	20	20
08:15 AM	3	3	0	0	6	1	4	2	1	7	1	3	1	0	5	0	0	2	1	2	2	20	22	22
08:30 AM	1	4	0	0	5	0	1	6	2	7	2	2	1	0	5	0	0	0	0	0	2	17	19	19
08:45 AM	1	10	1	0	12	0	1	1	0	2	0	8	2	0	10	0	1	3	0	4	0	28	28	28
Total	8	21	2	0	31	2	8	9	3	19	3	17	5	0	25	0	4	6	1	10	4	85	89	89
Grand Total	17	32	6	1	55	5	15	12	4	32	7	34	8	1	49	1	11	7	1	19	7	155	162	162
Apprch %	30.9	58.2	10.9			15.6	46.9	37.5			14.3	69.4	16.3			5.3	57.9	36.8						
Total %	11	20.6	3.9		35.5	3.2	9.7	7.7		20.6	4.5	21.9	5.2		31.6	0.6	7.1	4.5		12.3	4.3	95.7		

Start Time	Imperial Highway Southbound				Yorba Linda Boulevard Westbound				Imperial Highway Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	2	3	2	7	1	3	1	5	0	3	1	4	1	3	0	4	20
07:45 AM	4	2	0	6	1	3	1	5	2	5	0	7	0	2	1	3	21
08:00 AM	3	4	1	8	1	2	0	3	0	4	1	5	0	3	1	4	20
08:15 AM	3	3	0	6	1	4	2	7	1	3	1	5	0	0	2	2	20
Total Volume	12	12	3	27	4	12	4	20	3	15	3	21	1	8	4	13	81
% App. Total	44.4	44.4	11.1		20	60	20		14.3	71.4	14.3		7.7	61.5	30.8		
PHF	.750	.750	.375	.844	1.00	.750	.500	.714	.375	.750	.750	.750	.250	.667	.500	.813	.964

City of Yorba Linda
 N/S: Imperial Highway
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 05_YLA_Imp_Yorba AM
 Site Code : 05122223
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City of Yorba Linda
 N/S: Imperial Highway
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 05_YLA_Imp_Yorba AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Imperial Highway Southbound				Yorba Linda Boulevard Westbound				Imperial Highway Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:30 AM				07:30 AM				07:30 AM				07:30 AM				
+0 mins.	2	3	2	7	1	3	1	5	0	3	1	4	1	3	0	4	
+15 mins.	4	2	0	6	1	3	1	5	2	5	0	7	0	2	1	3	
+30 mins.	3	4	1	8	1	2	0	3	0	4	1	5	0	3	1	4	
+45 mins.	3	3	0	6	1	4	2	7	1	3	1	5	0	0	2	2	
Total Volume	12	12	3	27	4	12	4	20	3	15	3	21	1	8	4	13	
% App. Total	44.4	44.4	11.1		20	60	20		14.3	71.4	14.3		7.7	61.5	30.8		
PHF	.750	.750	.375	.844	1.000	.750	.500	.714	.375	.750	.750	.750	.250	.667	.500	.813	

City of Yorba Linda
 N/S: Imperial Highway
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 05_YLA_Imp_Yorba AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

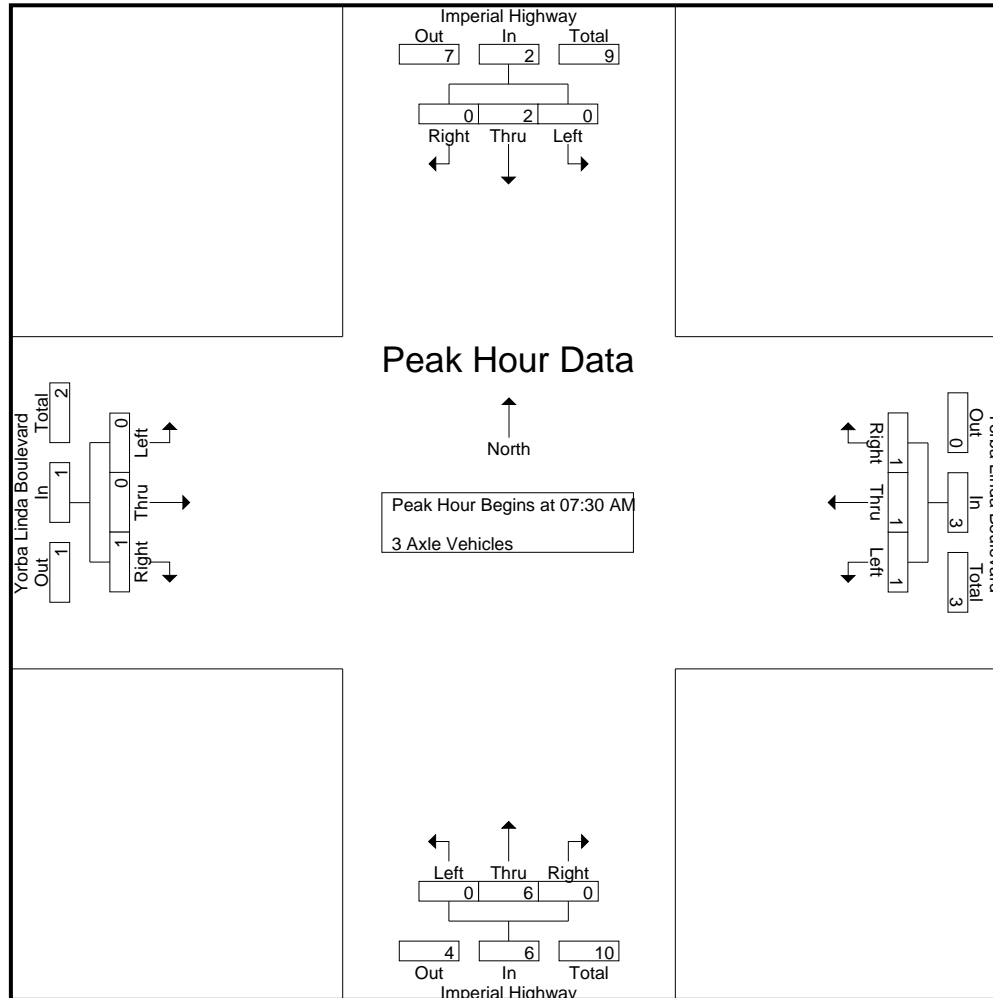
Groups Printed- 3 Axle Vehicles

Start Time	Imperial Highway Southbound					Yorba Linda Boulevard Westbound					Imperial Highway Northbound					Yorba Linda Boulevard Eastbound					Exclu. Total	Inclu. Total	Int. Total	
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total				
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2	0	2	0	0	3	3
07:15 AM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	2	2
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	1
07:45 AM	0	0	0	0	0	0	1	0	0	1	0	2	0	0	2	0	0	0	0	0	0	0	3	3
Total	0	1	0	0	1	0	1	0	0	1	0	3	1	0	4	0	0	3	0	3	0	0	9	9
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	1	1
08:15 AM	0	2	0	0	2	1	0	1	1	2	0	3	0	0	3	0	0	0	0	0	1	0	7	8
08:30 AM	1	2	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
08:45 AM	0	4	0	0	4	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	5	5
Total	1	8	0	0	9	1	0	2	1	3	0	4	0	0	4	0	0	0	0	0	1	0	16	17
Grand Total	1	9	0	0	10	1	1	2	1	4	0	7	1	0	8	0	0	3	0	3	1	0	25	26
Apprch %	10	90	0			25	25	50			0	87.5	12.5			0	0	100						
Total %	4	36	0		40	4	4	8		16	0	28	4		32	0	0	12		12	3.8		96.2	

Start Time	Imperial Highway Southbound				Yorba Linda Boulevard Westbound				Imperial Highway Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
07:45 AM	0	0	0	0	0	1	0	1	0	2	0	2	0	0	0	0	3
08:00 AM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
08:15 AM	0	2	0	2	1	0	1	2	0	3	0	3	0	0	0	0	7
Total Volume	0	2	0	2	1	1	1	3	0	6	0	6	0	0	1	1	12
% App. Total	0	100	0		33.3	33.3	33.3		0	100	0		0	0	100		
PHF	.000	.250	.000	.250	.250	.250	.250	.375	.000	.500	.000	.500	.000	.000	.250	.250	.429

City of Yorba Linda
 N/S: Imperial Highway
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 05_YLA_Imp_Yorba AM
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 Start Date : 3/15/2022
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City of Yorba Linda
 N/S: Imperial Highway
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 05_YLA_Imp_Yorba AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Imperial Highway Southbound				Yorba Linda Boulevard Westbound				Imperial Highway Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:30 AM				07:30 AM				07:30 AM				07:30 AM				
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
+15 mins.	0	0	0	0	0	1	0	1	0	2	0	2	0	0	0	0	
+30 mins.	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	
+45 mins.	0	2	0	2	1	0	1	2	0	3	0	3	0	0	0	0	
Total Volume	0	2	0	2	1	1	1	3	0	6	0	6	0	0	1	1	
% App. Total	0	100	0		33.3	33.3	33.3		0	100	0		0	0	100		
PHF	.000	.250	.000	.250	.250	.250	.250	.375	.000	.500	.000	.500	.000	.000	.250	.250	

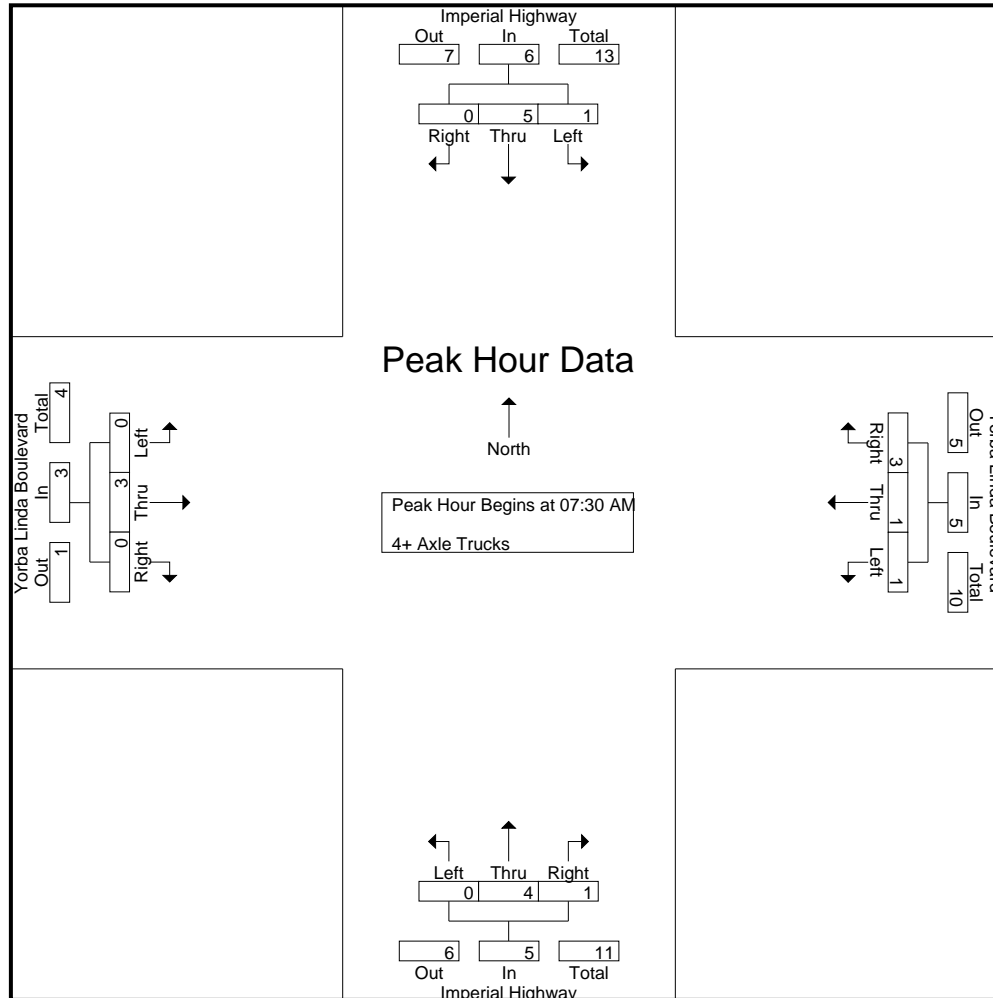
City of Yorba Linda
 N/S: Imperial Highway
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 05_YLA_Imp_Yorba AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

Groups Printed- 4+ Axle Trucks

Start Time	Imperial Highway Southbound					Yorba Linda Boulevard Westbound					Imperial Highway Northbound					Yorba Linda Boulevard Eastbound					Exclu. Total	Inclu. Total	Int. Total	
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total				
07:00 AM	0	8	0	0	8	0	0	0	0	0	1	1	0	0	2	0	1	0	0	1	0	0	11	11
07:15 AM	0	6	0	0	6	1	0	0	0	1	2	1	0	0	3	1	0	0	0	1	0	0	11	11
07:30 AM	0	2	0	0	2	0	0	2	0	2	0	1	0	0	1	0	0	0	0	0	0	0	5	5
07:45 AM	1	1	0	0	2	0	0	0	0	0	0	0	1	0	1	0	1	0	0	1	0	0	4	4
Total	1	17	0	0	18	1	0	2	0	3	3	3	1	0	7	1	2	0	0	3	0	0	31	31
08:00 AM	0	1	0	0	1	0	0	1	0	1	0	1	0	0	1	0	1	0	0	1	0	0	4	4
08:15 AM	0	1	0	0	1	1	1	0	0	2	0	2	0	0	2	0	1	0	0	1	0	0	6	6
08:30 AM	2	3	0	0	5	0	1	0	0	1	1	4	0	0	5	0	0	0	0	0	0	0	11	11
08:45 AM	0	3	0	0	3	0	0	0	0	0	0	3	0	0	3	0	1	0	0	1	0	0	7	7
Total	2	8	0	0	10	1	2	1	0	4	1	10	0	0	11	0	3	0	0	3	0	0	28	28
Grand Total	3	25	0	0	28	2	2	3	0	7	4	13	1	0	18	1	5	0	0	6	0	0	59	59
Apprch %	10.7	89.3	0			28.6	28.6	42.9			22.2	72.2	5.6			16.7	83.3	0			0	0		
Total %	5.1	42.4	0		47.5	3.4	3.4	5.1		11.9	6.8	22	1.7		30.5	1.7	8.5	0		10.2	0	0	100	

Start Time	Imperial Highway Southbound				Yorba Linda Boulevard Westbound				Imperial Highway Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	2	0	2	0	0	2	2	0	1	0	1	0	0	0	0	5
07:45 AM	1	1	0	2	0	0	0	0	0	0	1	1	0	1	0	1	4
08:00 AM	0	1	0	1	0	0	1	1	0	1	0	1	0	1	0	1	4
08:15 AM	0	1	0	1	1	1	0	2	0	2	0	2	0	1	0	1	6
Total Volume	1	5	0	6	1	1	3	5	0	4	1	5	0	3	0	3	19
% App. Total	16.7	83.3	0		20	20	60		0	80	20		0	100	0		
PHF	.250	.625	.000	.750	.250	.250	.375	.625	.000	.500	.250	.625	.000	.750	.000	.750	.792



City of Yorba Linda
 N/S: Imperial Highway
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 05_YLA_Imp_Yorba AM
 Site Code : 05122223
 Start Date : 3/15/2022
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Start Time	Imperial Highway Southbound				Yorba Linda Boulevard Westbound				Imperial Highway Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:30 AM				07:30 AM				07:30 AM				07:30 AM				
+0 mins.	0	2	0	2	0	0	2	2	0	1	0	1	0	0	0	0	
+15 mins.	1	1	0	2	0	0	0	0	0	0	1	1	0	1	0	1	
+30 mins.	0	1	0	1	0	0	1	1	0	1	0	1	0	1	0	1	
+45 mins.	0	1	0	1	1	1	0	2	0	2	0	2	0	1	0	1	
Total Volume	1	5	0	6	1	1	3	5	0	4	1	5	0	3	0	3	
% App. Total	16.7	83.3	0		20	20	60		0	80	20		0	100	0		
PHF	.250	.625	.000	.750	.250	.250	.375	.625	.000	.500	.250	.625	.000	.750	.000	.750	

City of Yorba Linda
 N/S: Imperial Highway
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 05_YLA_Imp_Yorba PM
 Site Code : 05122223
 Start Date : 3/15/2022
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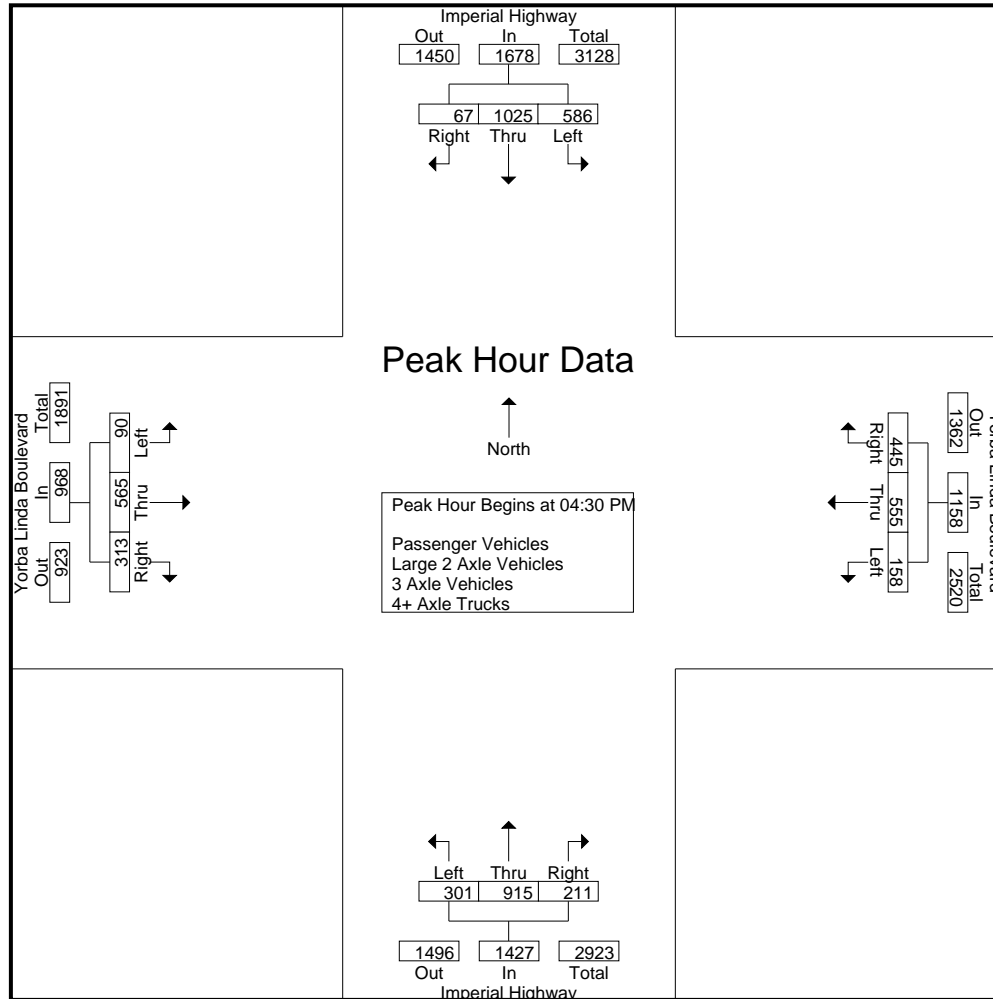
Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

Start Time	Imperial Highway Southbound					Yorba Linda Boulevard Westbound					Imperial Highway Northbound					Yorba Linda Boulevard Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	131	227	13	5	371	23	130	107	47	260	63	214	39	2	316	24	144	88	25	256	79	1203	1282
04:15 PM	139	233	10	1	382	42	136	118	60	296	58	218	51	14	327	17	157	90	32	264	107	1269	1376
04:30 PM	151	247	19	4	417	31	144	113	52	288	87	251	49	17	387	26	166	85	32	277	105	1369	1474
04:45 PM	143	253	17	6	413	53	146	103	50	302	61	190	44	10	295	25	132	60	11	217	77	1227	1304
Total	564	960	59	16	1583	149	556	441	209	1146	269	873	183	43	1325	92	599	323	100	1014	368	5068	5436
05:00 PM	147	242	17	2	406	39	115	102	46	256	77	249	65	3	391	18	138	81	15	237	66	1290	1356
05:15 PM	145	283	14	8	442	35	150	127	47	312	76	225	53	18	354	21	129	87	23	237	96	1345	1441
05:30 PM	116	239	8	3	363	51	137	96	36	284	82	198	57	27	337	32	160	80	18	272	84	1256	1340
05:45 PM	141	188	13	6	342	40	127	89	40	256	82	220	63	21	365	30	141	69	15	240	82	1203	1285
Total	549	952	52	19	1553	165	529	414	169	1108	317	892	238	69	1447	101	568	317	71	986	328	5094	5422
Grand Total	1113	1912	111	35	3136	314	1085	855	378	2254	586	1765	421	112	2772	193	1167	640	171	2000	696	10162	10858
Apprch %	35.5	61	3.5			13.9	48.1	37.9			21.1	63.7	15.2			9.6	58.3	32					
Total %	11	18.8	1.1		30.9	3.1	10.7	8.4		22.2	5.8	17.4	4.1		27.3	1.9	11.5	6.3		19.7	6.4	93.6	
Passenger Vehicles	1107	1884	107		3132	310	1079	843		2607	585	1744	415		2854	192	1158	636		2155	0	0	10748
% Passenger Vehicles	99.5	98.5	96.4	97.1	98.8	98.7	99.4	98.6	99.2	99.1	99.8	98.8	98.6	98.2	99	99.5	99.2	99.4	98.8	99.3	0	0	99
Large 2 Axle Vehicles	4	16	3		23	1	6	9		19	1	15	4		22	0	8	4		14	0	0	78
% Large 2 Axle Vehicles	0.4	0.8	2.7	0	0.7	0.3	0.6	1.1	0.8	0.7	0.2	0.8	1	1.8	0.8	0	0.7	0.6	1.2	0.6	0	0	0.7
3 Axle Vehicles	2	6	1		10	1	0	1		2	0	2	1		3	1	1	0		2	0	0	17
% 3 Axle Vehicles	0.2	0.3	0.9	2.9	0.3	0.3	0	0.1	0	0.1	0	0.1	0.2	0	0.1	0.5	0.1	0	0	0.1	0	0	0.2
4+ Axle Trucks	0	6	0		6	2	0	2		4	0	4	1		5	0	0	0		0	0	0	15
% 4+ Axle Trucks	0	0.3	0	0	0.2	0.6	0	0.2	0	0.2	0	0.2	0.2	0	0.2	0	0	0	0	0	0	0	0.1

Start Time	Imperial Highway Southbound				Yorba Linda Boulevard Westbound				Imperial Highway Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	151	247	19	417	31	144	113	288	87	251	49	387	26	166	85	277	1369
04:45 PM	143	253	17	413	53	146	103	302	61	190	44	295	25	132	60	217	1227
05:00 PM	147	242	17	406	39	115	102	256	77	249	65	391	18	138	81	237	1290
05:15 PM	145	283	14	442	35	150	127	312	76	225	53	354	21	129	87	237	1345
Total Volume	586	1025	67	1678	158	555	445	1158	301	915	211	1427	90	565	313	968	5231
% App. Total	34.9	61.1	4		13.6	47.9	38.4		21.1	64.1	14.8		9.3	58.4	32.3		
PHF	.970	.905	.882	.949	.745	.925	.876	.928	.865	.911	.812	.912	.865	.851	.899	.874	.955

City of Yorba Linda
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 Weather: Clear

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City of Yorba Linda
 N/S: Imperial Highway
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 05_YLA_Imp_Yorba PM
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Start Time	Imperial Highway Southbound				Yorba Linda Boulevard Westbound				Imperial Highway Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:30 PM				04:30 PM				05:00 PM				04:00 PM				
+0 mins.	151	247	19	417	31	144	113	288	77	249	65	391	24	144	88	256	
+15 mins.	143	253	17	413	53	146	103	302	76	225	53	354	17	157	90	264	
+30 mins.	147	242	17	406	39	115	102	256	82	198	57	337	26	166	85	277	
+45 mins.	145	283	14	442	35	150	127	312	82	220	63	365	25	132	60	217	
Total Volume	586	1025	67	1678	158	555	445	1158	317	892	238	1447	92	599	323	1014	
% App. Total	34.9	61.1	4		13.6	47.9	38.4		21.9	61.6	16.4		9.1	59.1	31.9		
PHF	.970	.905	.882	.949	.745	.925	.876	.928	.966	.896	.915	.925	.885	.902	.897	.915	

City of Yorba Linda
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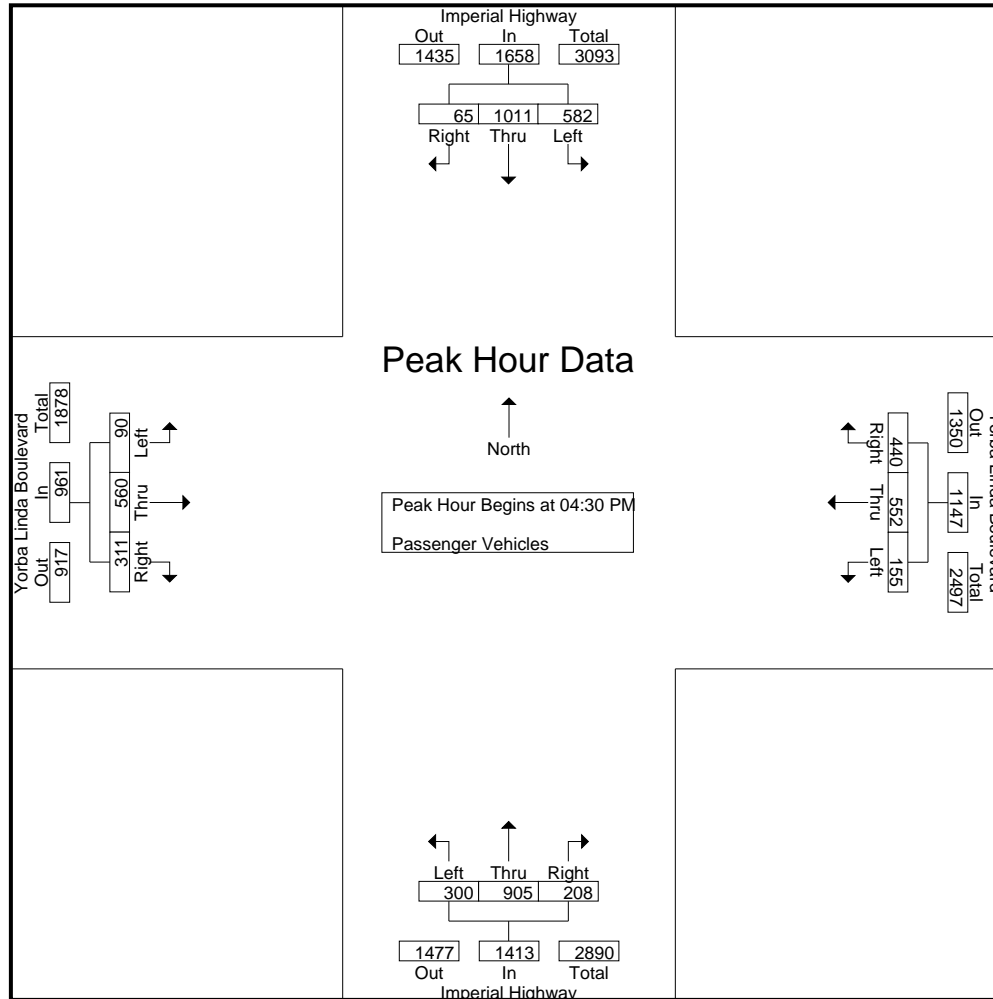
Groups Printed- Passenger Vehicles

Start Time	Imperial Highway Southbound					Yorba Linda Boulevard Westbound					Imperial Highway Northbound					Yorba Linda Boulevard Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	130	222	12	5	364	23	129	105	46	257	63	210	38	2	311	23	143	86	24	252	77	1184	1261
04:15 PM	138	231	10	1	379	42	135	116	59	293	58	213	51	14	322	17	157	90	32	264	106	1258	1364
04:30 PM	150	245	18	4	413	31	144	110	52	285	86	247	47	17	380	26	166	85	32	277	105	1355	1460
04:45 PM	143	247	17	6	407	51	146	103	50	300	61	190	43	10	294	25	132	59	11	216	77	1217	1294
Total	561	945	57	16	1563	147	554	434	207	1135	268	860	179	43	1307	91	598	320	99	1009	365	5014	5379
05:00 PM	144	238	16	1	398	39	112	100	45	251	77	248	65	3	390	18	138	81	15	237	64	1276	1340
05:15 PM	145	281	14	8	440	34	150	127	47	311	76	220	53	18	349	21	124	86	22	231	95	1331	1426
05:30 PM	116	234	7	3	357	51	137	93	36	281	82	196	56	26	334	32	159	80	18	271	83	1243	1326
05:45 PM	141	186	13	6	340	39	126	89	40	254	82	220	62	20	364	30	139	69	15	238	81	1196	1277
Total	546	939	50	18	1535	163	525	409	168	1097	317	884	236	67	1437	101	560	316	70	977	323	5046	5369
Grand Total	1107	1884	107	34	3098	310	1079	843	375	2232	585	1744	415	110	2744	192	1158	636	169	1986	688	10060	10748
Apprch %	35.7	60.8	3.5			13.9	48.3	37.8			21.3	63.6	15.1			9.7	58.3	32					
Total %	11	18.7	1.1		30.8	3.1	10.7	8.4		22.2	5.8	17.3	4.1		27.3	1.9	11.5	6.3		19.7	6.4	93.6	

Start Time	Imperial Highway Southbound				Yorba Linda Boulevard Westbound				Imperial Highway Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	150	245	18	413	31	144	110	285	86	247	47	380	26	166	85	277	1355
04:45 PM	143	247	17	407	51	146	103	300	61	190	43	294	25	132	59	216	1217
05:00 PM	144	238	16	398	39	112	100	251	77	248	65	390	18	138	81	237	1276
05:15 PM	145	281	14	440	34	150	127	311	76	220	53	349	21	124	86	231	1331
Total Volume	582	1011	65	1658	155	552	440	1147	300	905	208	1413	90	560	311	961	5179
% App. Total	35.1	61	3.9		13.5	48.1	38.4		21.2	64	14.7		9.4	58.3	32.4		
PHF	.970	.899	.903	.942	.760	.920	.866	.922	.872	.912	.800	.906	.865	.843	.904	.867	.956

City of Yorba Linda
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Start Time	Imperial Highway Southbound				Yorba Linda Boulevard Westbound				Imperial Highway Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:30 PM				04:30 PM				04:30 PM				04:30 PM				
+0 mins.	150	245	18	413	31	144	110	285	86	247	47	380	26	166	85	277	
+15 mins.	143	247	17	407	51	146	103	300	61	190	43	294	25	132	59	216	
+30 mins.	144	238	16	398	39	112	100	251	77	248	65	390	18	138	81	237	
+45 mins.	145	281	14	440	34	150	127	311	76	220	53	349	21	124	86	231	
Total Volume	582	1011	65	1658	155	552	440	1147	300	905	208	1413	90	560	311	961	
% App. Total	35.1	61	3.9		13.5	48.1	38.4		21.2	64	14.7		9.4	58.3	32.4		
PHF	.970	.899	.903	.942	.760	.920	.866	.922	.872	.912	.800	.906	.865	.843	.904	.867	

City of Yorba Linda
 N/S: Imperial Highway
 E/W: Yorba Linda Boulevard
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File Name : 05_YLA_Imp_Yorba PM
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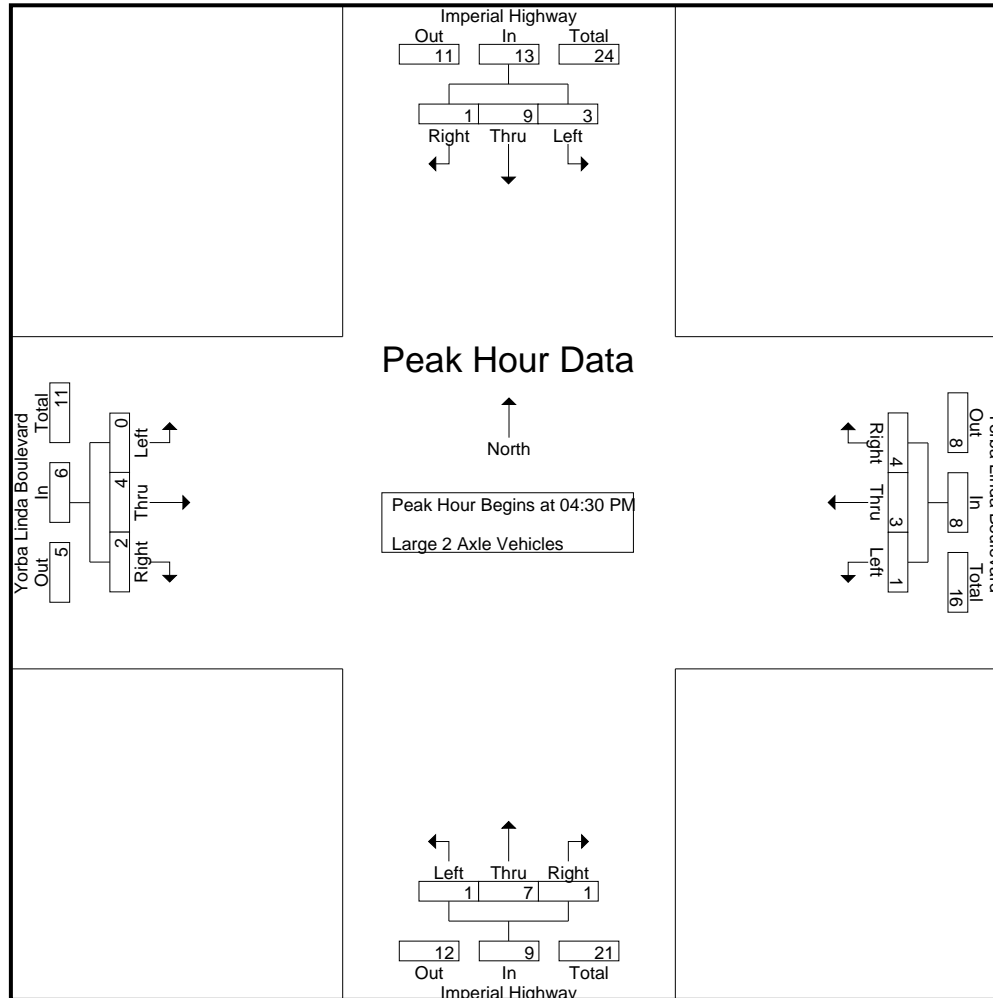
Groups Printed- Large 2 Axle Vehicles

Start Time	Imperial Highway Southbound					Yorba Linda Boulevard Westbound					Imperial Highway Northbound					Yorba Linda Boulevard Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	1	3	1	0	5	0	1	2	1	3	0	4	1	0	5	0	1	2	1	3	2	16	18
04:15 PM	0	1	0	0	1	0	1	1	1	2	0	2	0	0	2	0	0	0	0	0	1	5	6
04:30 PM	0	1	1	0	2	0	0	2	0	2	1	2	1	0	4	0	0	0	0	0	0	8	8
04:45 PM	0	4	0	0	4	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	6	6
Total	1	9	2	0	12	1	2	5	2	8	1	8	2	0	11	0	1	3	1	4	3	35	38
05:00 PM	3	3	0	0	6	0	3	2	1	5	0	1	0	0	1	0	0	0	0	0	1	12	13
05:15 PM	0	1	0	0	1	0	0	0	0	0	0	4	0	0	4	0	4	1	1	5	1	10	11
05:30 PM	0	1	1	0	2	0	0	2	0	2	0	2	1	1	3	0	1	0	0	1	1	8	9
05:45 PM	0	2	0	0	2	0	1	0	0	1	0	0	1	1	1	0	2	0	0	2	1	6	7
Total	3	7	1	0	11	0	4	4	1	8	0	7	2	2	9	0	7	1	1	8	4	36	40
Grand Total	4	16	3	0	23	1	6	9	3	16	1	15	4	2	20	0	8	4	2	12	7	71	78
Apprch %	17.4	69.6	13			6.2	37.5	56.2			5	75	20			0	66.7	33.3					
Total %	5.6	22.5	4.2		32.4	1.4	8.5	12.7		22.5	1.4	21.1	5.6		28.2	0	11.3	5.6		16.9	9	91	

Start Time	Imperial Highway Southbound				Yorba Linda Boulevard Westbound				Imperial Highway Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	0	1	1	2	0	0	2	2	1	2	1	4	0	0	0	0	8
04:45 PM	0	4	0	4	1	0	0	1	0	0	0	0	0	0	1	1	6
05:00 PM	3	3	0	6	0	3	2	5	0	1	0	1	0	0	0	0	12
05:15 PM	0	1	0	1	0	0	0	0	0	4	0	4	0	4	1	5	10
Total Volume	3	9	1	13	1	3	4	8	1	7	1	9	0	4	2	6	36
% App. Total	23.1	69.2	7.7		12.5	37.5	50		11.1	77.8	11.1		0	66.7	33.3		
PHF	.250	.563	.250	.542	.250	.250	.500	.400	.250	.438	.250	.563	.000	.250	.500	.300	.750

City of Yorba Linda
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 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 05_YLA_Imp_Yorba PM
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 Weather: Clear

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Start Time	Imperial Highway Southbound				Yorba Linda Boulevard Westbound				Imperial Highway Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:30 PM				04:30 PM				04:30 PM				04:30 PM				
+0 mins.	0	1	1	2	0	0	2	2	1	2	1	4	0	0	0	0	
+15 mins.	0	4	0	4	1	0	0	1	0	0	0	0	0	0	1	1	
+30 mins.	3	3	0	6	0	3	2	5	0	1	0	1	0	0	0	0	
+45 mins.	0	1	0	1	0	0	0	0	0	4	0	4	0	4	1	5	
Total Volume	3	9	1	13	1	3	4	8	1	7	1	9	0	4	2	6	
% App. Total	23.1	69.2	7.7		12.5	37.5	50		11.1	77.8	11.1		0	66.7	33.3		
PHF	.250	.563	.250	.542	.250	.250	.500	.400	.250	.438	.250	.563	.000	.250	.500	.300	

City of Yorba Linda
 N/S: Imperial Highway
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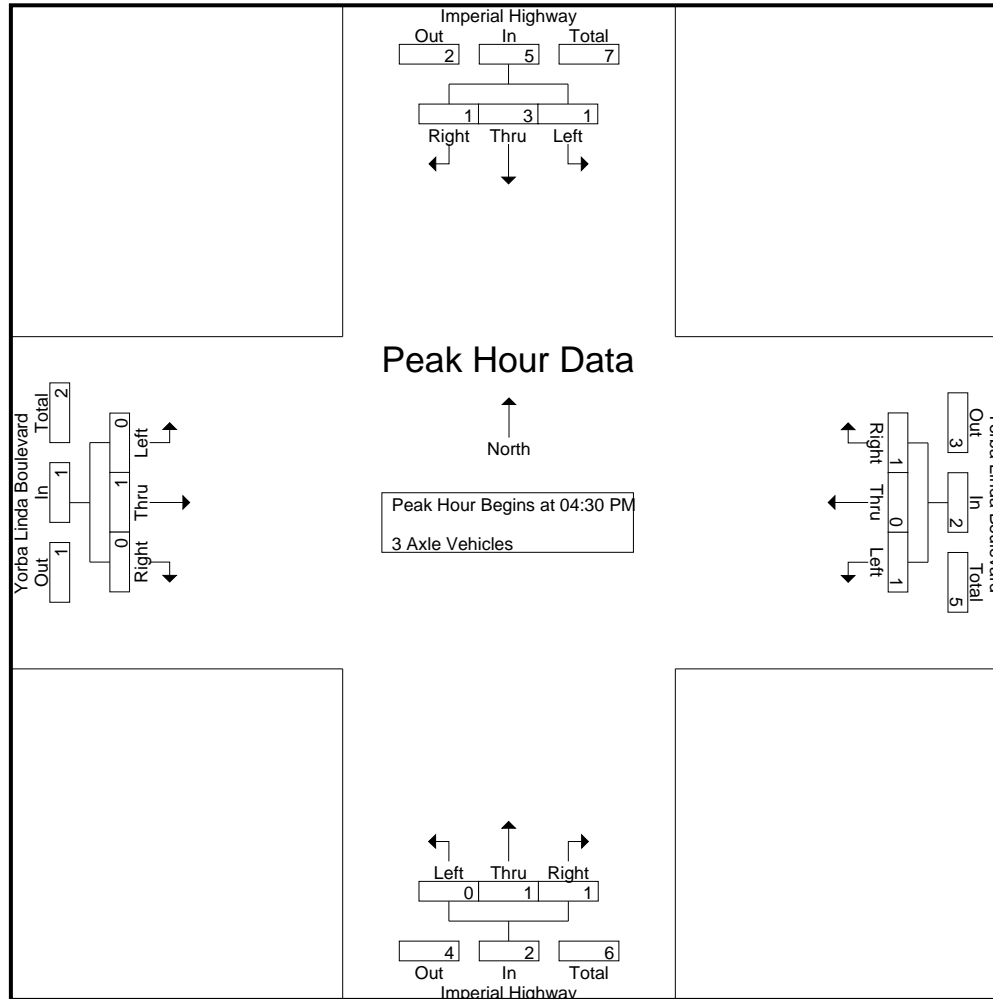
Groups Printed- 3 Axle Vehicles

Start Time	Imperial Highway Southbound					Yorba Linda Boulevard Westbound					Imperial Highway Northbound					Yorba Linda Boulevard Eastbound					Exclu. Total	Inclu. Total	Int. Total		
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total					
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0
04:15 PM	1	1	0	0	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0
04:30 PM	1	1	0	0	2	0	0	1	0	1	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	2	3	0	0	5	0	0	1	0	1	0	2	1	0	3	1	0	0	0	1	0	0	0	0	0
05:00 PM	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
05:15 PM	0	1	0	0	1	1	0	0	0	1	0	0	0	0	0	0	1	0	0	1	0	3	0	0	0
05:30 PM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	3	1	1	4	1	0	0	0	1	0	0	0	0	0	0	1	0	0	1	1	6	0	0	0
Grand Total	2	6	1	1	9	1	0	1	0	2	0	2	1	0	3	1	1	0	0	2	1	16	0	0	0
Apprch %	22.2	66.7	11.1			50	0	50			0	66.7	33.3			50	50	0							
Total %	12.5	37.5	6.2		56.2	6.2	0	6.2		12.5	0	12.5	6.2		18.8	6.2	6.2	0		12.5	5.9	94.1			

Start Time	Imperial Highway Southbound				Yorba Linda Boulevard Westbound				Imperial Highway Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	1	1	0	2	0	0	1	1	0	1	1	2	0	0	0	0	5
04:45 PM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
05:00 PM	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
05:15 PM	0	1	0	1	1	0	0	1	0	0	0	0	0	1	0	1	3
Total Volume	1	3	1	5	1	0	1	2	0	1	1	2	0	1	0	1	10
% App. Total	20	60	20		50	0	50		0	50	50		0	100	0		
PHF	.250	.750	.250	.625	.250	.000	.250	.500	.000	.250	.250	.250	.000	.250	.000	.250	.500

City of Yorba Linda
 N/S: Imperial Highway
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 05_YLA_Imp_Yorba PM
 Site Code : 0512223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Imperial Highway
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 05_YLA_Imp_Yorba PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Imperial Highway Southbound				Yorba Linda Boulevard Westbound				Imperial Highway Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:30 PM				04:30 PM				04:30 PM				04:30 PM				
+0 mins.	1	1	0	2	0	0	1	1	0	1	1	2	0	0	0	0	
+15 mins.	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
+30 mins.	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	
+45 mins.	0	1	0	1	1	0	0	1	0	0	0	0	0	1	0	1	
Total Volume	1	3	1	5	1	0	1	2	0	1	1	2	0	1	0	1	
% App. Total	20	60	20		50	0	50		0	50	50		0	100	0		
PHF	.250	.750	.250	.625	.250	.000	.250	.500	.000	.250	.250	.250	.000	.250	.000	.250	

City of Yorba Linda
 N/S: Imperial Highway
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 05_YLA_Imp_Yorba PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

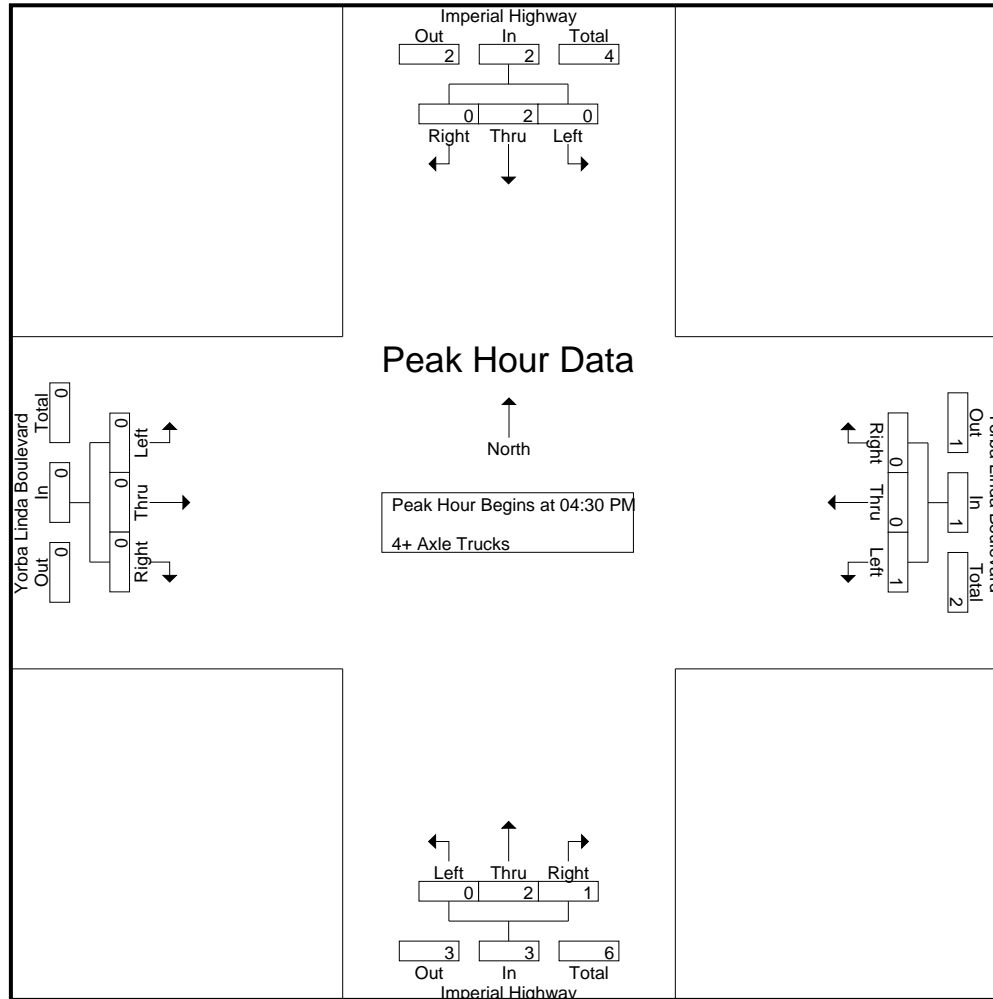
Groups Printed- 4+ Axle Trucks

Start Time	Imperial Highway Southbound					Yorba Linda Boulevard Westbound					Imperial Highway Northbound					Yorba Linda Boulevard Eastbound					Exclu. Total	Inclu. Total	Int. Total					
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total								
04:00 PM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
04:15 PM	0	0	0	0	0	0	0	1	0	1	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	3	3
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1
04:45 PM	0	1	0	0	1	1	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	3	3
Total	0	3	0	0	3	1	0	1	0	2	0	3	1	0	4	0	0	0	0	0	0	0	0	0	0	0	9	9
05:00 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1
05:30 PM	0	2	0	0	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
05:45 PM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Total	0	3	0	0	3	1	0	1	0	2	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	6	6
Grand Total	0	6	0	0	6	2	0	2	0	4	0	4	1	0	5	0	0	0	0	0	0	0	0	0	0	0	15	15
Apprch %	0	100	0			50	0	50			0	80	20			0	0	0			0	0	0			0		
Total %	0	40	0		40	13.3	0	13.3		26.7	0	26.7	6.7		33.3	0	0	0		0	0	0	0		0	0	100	

Start Time	Imperial Highway Southbound				Yorba Linda Boulevard Westbound				Imperial Highway Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
04:45 PM	0	1	0	1	1	0	0	1	0	0	1	1	0	0	0	0	3
05:00 PM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
05:15 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
Total Volume	0	2	0	2	1	0	0	1	0	2	1	3	0	0	0	0	6
% App. Total	0	100	0		100	0	0		0	66.7	33.3		0	0	0		
PHF	.000	.500	.000	.500	.250	.000	.000	.250	.000	.500	.250	.750	.000	.000	.000	.000	.500

City of Yorba Linda
 N/S: Imperial Highway
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 05_YLA_Imp_Yorba PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Imperial Highway
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 05_YLA_Imp_Yorba PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Imperial Highway Southbound				Yorba Linda Boulevard Westbound				Imperial Highway Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:30 PM				04:30 PM				04:30 PM				04:30 PM				
+0 mins.	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	
+15 mins.	0	1	0	1	1	0	0	1	0	0	1	1	0	0	0	0	
+30 mins.	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
+45 mins.	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	
Total Volume	0	2	0	2	1	0	0	1	0	2	1	3	0	0	0	0	
% App. Total	0	100	0		100	0	0		0	66.7	33.3		0	0	0		
PHF	.000	.500	.000	.500	.250	.000	.000	.250	.000	.500	.250	.750	.000	.000	.000	.000	

Location: Yorba Linda
 N/S: Imperial Highway
 E/W: Yorba Linda Boulevard



Date: 3/15/2022
 Day: Tuesday

PEDESTRIANS

	North Leg Imperial Highway Pedestrians	East Leg Yorba Linda Boulevard Pedestrians	South Leg Imperial Highway Pedestrians	West Leg Yorba Linda Boulevard Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	1	1
7:30 AM	0	0	0	0	0
7:45 AM	0	0	0	0	0
8:00 AM	0	0	1	0	1
8:15 AM	0	0	0	0	0
8:30 AM	0	0	0	0	0
8:45 AM	0	0	0	0	0
TOTAL VOLUMES:	0	0	1	1	2

	North Leg Imperial Highway Pedestrians	East Leg Yorba Linda Boulevard Pedestrians	South Leg Imperial Highway Pedestrians	West Leg Yorba Linda Boulevard Pedestrians	
4:00 PM	1	0	0	0	1
4:15 PM	0	0	0	0	0
4:30 PM	0	0	1	1	2
4:45 PM	7	0	0	0	7
5:00 PM	0	0	1	5	6
5:15 PM	0	1	0	0	1
5:30 PM	1	0	0	1	2
5:45 PM	0	0	1	0	1
TOTAL VOLUMES:	9	1	3	7	20

Location: Yorba Linda
 N/S: Imperial Highway
 E/W: Yorba Linda Boulevard



Date: 3/15/2022
 Day: Tuesday

BICYCLES

	Southbound Imperial Highway			Westbound Yorba Linda Boulevard			Northbound Imperial Highway			Eastbound Yorba Linda Boulevard			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	0	0	0	1	0	0	0	0	1

	Southbound Imperial Highway			Westbound Yorba Linda Boulevard			Northbound Imperial Highway			Eastbound Yorba Linda Boulevard			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	1	0	0	0	0	0	0	1
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
5:15 PM	0	0	0	0	1	0	0	0	0	0	1	0	2
5:30 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
5:45 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
TOTAL VOLUMES:	0	1	0	0	3	1	0	0	0	0	1	0	6

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Buena Vista Avenue
 Weather: Clear

File Name : 06_YLA_Lake_Buena AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

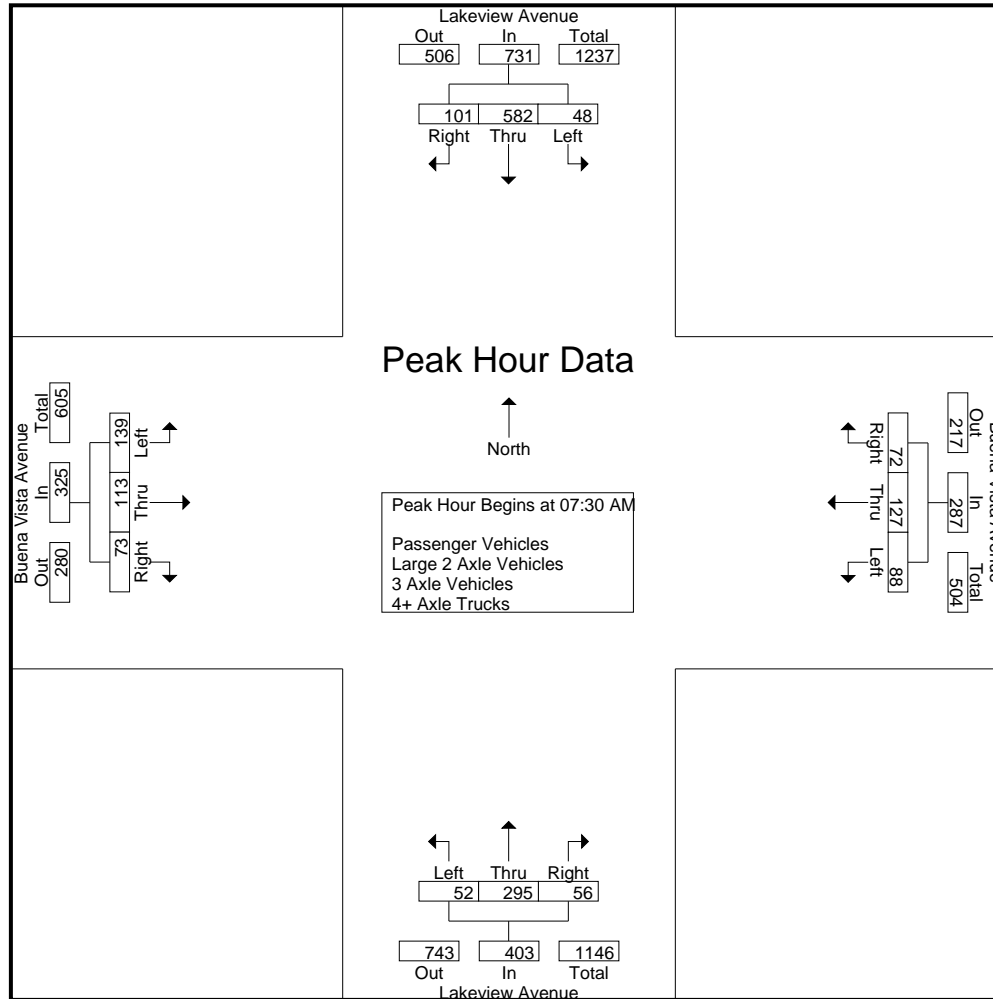
Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

Start Time	Lakeview Avenue Southbound					Buena Vista Avenue Westbound					Lakeview Avenue Northbound					Buena Vista Avenue Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	2	153	10	0	165	14	11	1	0	26	4	45	6	0	55	10	9	23	0	42	0	288	288
07:15 AM	4	124	15	0	143	11	16	5	0	32	6	37	0	0	43	22	19	20	0	61	0	279	279
07:30 AM	26	136	17	0	179	22	31	14	0	67	11	55	26	0	92	51	66	21	0	138	0	476	476
07:45 AM	9	163	27	0	199	38	62	38	0	138	15	87	12	0	114	33	32	17	0	82	0	533	533
Total	41	576	69	0	686	85	120	58	0	263	36	224	44	0	304	116	126	81	0	323	0	1576	1576
08:00 AM	4	142	19	0	165	17	16	10	0	43	14	79	10	0	103	33	9	8	0	50	0	361	361
08:15 AM	9	141	38	0	188	11	18	10	0	39	12	74	8	0	94	22	6	27	0	55	0	376	376
08:30 AM	8	136	37	0	181	7	17	12	0	36	9	84	6	0	99	36	17	28	0	81	0	397	397
08:45 AM	6	117	23	0	146	8	11	7	0	26	16	58	9	0	83	44	16	18	0	78	0	333	333
Total	27	536	117	0	680	43	62	39	0	144	51	295	33	0	379	135	48	81	0	264	0	1467	1467
Grand Total	68	1112	186	0	1366	128	182	97	0	407	87	519	77	0	683	251	174	162	0	587	0	3043	3043
Apprch %	5	81.4	13.6			31.4	44.7	23.8			12.7	76	11.3			42.8	29.6	27.6					
Total %	2.2	36.5	6.1		44.9	4.2	6	3.2		13.4	2.9	17.1	2.5		22.4	8.2	5.7	5.3		19.3	0	100	
Passenger Vehicles	67	1100	184		1351	123	176	96		395	86	497	74		657	243	165	160		568	0	0	2971
% Passenger Vehicles	98.5	98.9	98.9	0	98.9	96.1	96.7	99	0	97.1	98.9	95.8	96.1	0	96.2	96.8	94.8	98.8	0	96.8	0	0	97.6
Large 2 Axle Vehicles	1	12	2		15	5	6	1		12	0	21	3		24	7	9	1		17	0	0	68
% Large 2 Axle Vehicles	1.5	1.1	1.1	0	1.1	3.9	3.3	1	0	2.9	0	4	3.9	0	3.5	2.8	5.2	0.6	0	2.9	0	0	2.2
3 Axle Vehicles	0	0	0		0	0	0	0		0	0	1	0		1	1	0	0		1	0	0	2
% 3 Axle Vehicles	0	0	0	0	0	0	0	0	0	0	0	0.2	0	0	0.1	0.4	0	0	0	0.2	0	0	0.1
4+ Axle Trucks	0	0	0		0	0	0	0		0	1	0	0		1	0	0	1		1	0	0	2
% 4+ Axle Trucks	0	0	0	0	0	0	0	0	0	0	1.1	0	0	0	0.1	0	0	0.6	0	0.2	0	0	0.1

Start Time	Lakeview Avenue Southbound				Buena Vista Avenue Westbound				Lakeview Avenue Northbound				Buena Vista Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	26	136	17	179	22	31	14	67	11	55	26	92	51	66	21	138	476
07:45 AM	9	163	27	199	38	62	38	138	15	87	12	114	33	32	17	82	533
08:00 AM	4	142	19	165	17	16	10	43	14	79	10	103	33	9	8	50	361
08:15 AM	9	141	38	188	11	18	10	39	12	74	8	94	22	6	27	55	376
Total Volume	48	582	101	731	88	127	72	287	52	295	56	403	139	113	73	325	1746
% App. Total	6.6	79.6	13.8		30.7	44.3	25.1		12.9	73.2	13.9		42.8	34.8	22.5		
PHF	.462	.893	.664	.918	.579	.512	.474	.520	.867	.848	.538	.884	.681	.428	.676	.589	.819

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Buena Vista Avenue
 Weather: Clear

File Name : 06_YLA_Lake_Buena AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Buena Vista Avenue
 Weather: Clear

File Name : 06_YLA_Lake_Buena AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Lakeview Avenue Southbound				Buena Vista Avenue Westbound				Lakeview Avenue Northbound				Buena Vista Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:45 AM				07:30 AM				07:45 AM				07:15 AM				
+0 mins.	9	163	27	199	22	31	14	67	15	87	12	114	22	19	20	61	
+15 mins.	4	142	19	165	38	62	38	138	14	79	10	103	51	66	21	138	
+30 mins.	9	141	38	188	17	16	10	43	12	74	8	94	33	32	17	82	
+45 mins.	8	136	37	181	11	18	10	39	9	84	6	99	33	9	8	50	
Total Volume	30	582	121	733	88	127	72	287	50	324	36	410	139	126	66	331	
% App. Total	4.1	79.4	16.5		30.7	44.3	25.1		12.2	79	8.8		42	38.1	19.9		
PHF	.833	.893	.796	.921	.579	.512	.474	.520	.833	.931	.750	.899	.681	.477	.786	.600	

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Buena Vista Avenue
 Weather: Clear

File Name : 06_YLA_Lake_Buena AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

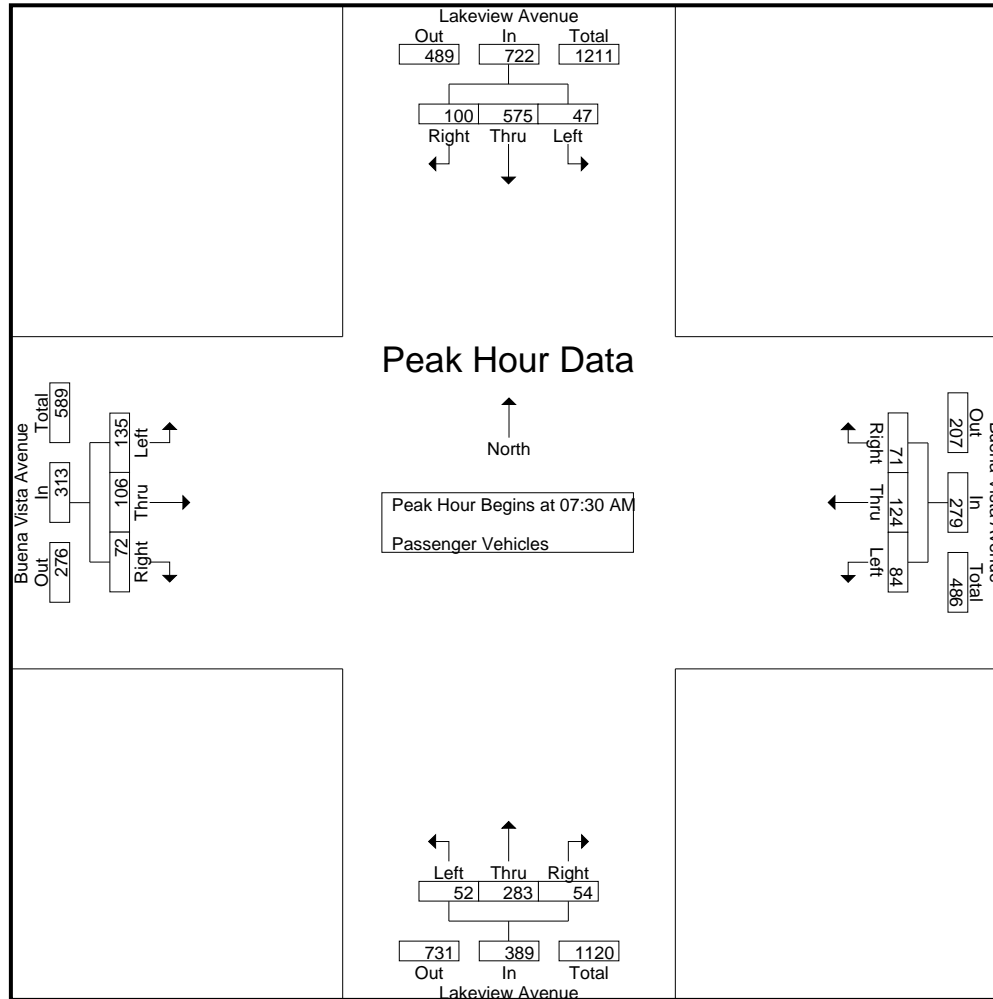
Groups Printed- Passenger Vehicles

Start Time	Lakeview Avenue Southbound					Buena Vista Avenue Westbound					Lakeview Avenue Northbound					Buena Vista Avenue Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	2	153	10	0	165	13	10	1	0	24	4	42	6	0	52	9	9	23	0	41	0	282	282
07:15 AM	4	123	15	0	142	11	16	5	0	32	6	35	0	0	41	22	19	19	0	60	0	275	275
07:30 AM	25	135	17	0	177	22	30	14	0	66	11	49	25	0	85	51	63	20	0	134	0	462	462
07:45 AM	9	162	26	0	197	35	62	37	0	134	15	85	12	0	112	32	31	17	0	80	0	523	523
Total	40	573	68	0	681	81	118	57	0	256	36	211	43	0	290	114	122	79	0	315	0	1542	1542
08:00 AM	4	138	19	0	161	16	16	10	0	42	14	76	9	0	99	30	7	8	0	45	0	347	347
08:15 AM	9	140	38	0	187	11	16	10	0	37	12	73	8	0	93	22	5	27	0	54	0	371	371
08:30 AM	8	134	37	0	179	7	16	12	0	35	9	79	6	0	94	34	16	28	0	78	0	386	386
08:45 AM	6	115	22	0	143	8	10	7	0	25	15	58	8	0	81	43	15	18	0	76	0	325	325
Total	27	527	116	0	670	42	58	39	0	139	50	286	31	0	367	129	43	81	0	253	0	1429	1429
Grand Total	67	1100	184	0	1351	123	176	96	0	395	86	497	74	0	657	243	165	160	0	568	0	2971	2971
Apprch %	5	81.4	13.6			31.1	44.6	24.3			13.1	75.6	11.3			42.8	29	28.2			0	2971	2971
Total %	2.3	37	6.2		45.5	4.1	5.9	3.2		13.3	2.9	16.7	2.5		22.1	8.2	5.6	5.4		19.1	0	100	

Start Time	Lakeview Avenue Southbound				Buena Vista Avenue Westbound				Lakeview Avenue Northbound				Buena Vista Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	25	135	17	177	22	30	14	66	11	49	25	85	51	63	20	134	462
07:45 AM	9	162	26	197	35	62	37	134	15	85	12	112	32	31	17	80	523
08:00 AM	4	138	19	161	16	16	10	42	14	76	9	99	30	7	8	45	347
08:15 AM	9	140	38	187	11	16	10	37	12	73	8	93	22	5	27	54	371
Total Volume	47	575	100	722	84	124	71	279	52	283	54	389	135	106	72	313	1703
% App. Total	6.5	79.6	13.9		30.1	44.4	25.4		13.4	72.8	13.9		43.1	33.9	23		
PHF	.470	.887	.658	.916	.600	.500	.480	.521	.867	.832	.540	.868	.662	.421	.667	.584	.814

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Buena Vista Avenue
 Weather: Clear

File Name : 06_YLA_Lake_Buena AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Buena Vista Avenue
 Weather: Clear

File Name : 06_YLA_Lake_Buena AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Lakeview Avenue Southbound				Buena Vista Avenue Westbound				Lakeview Avenue Northbound				Buena Vista Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:30 AM				07:30 AM				07:30 AM				07:30 AM				
+0 mins.	25	135	17	177	22	30	14	66	11	49	25	85	51	63	20	134	
+15 mins.	9	162	26	197	35	62	37	134	15	85	12	112	32	31	17	80	
+30 mins.	4	138	19	161	16	16	10	42	14	76	9	99	30	7	8	45	
+45 mins.	9	140	38	187	11	16	10	37	12	73	8	93	22	5	27	54	
Total Volume	47	575	100	722	84	124	71	279	52	283	54	389	135	106	72	313	
% App. Total	6.5	79.6	13.9		30.1	44.4	25.4		13.4	72.8	13.9		43.1	33.9	23		
PHF	.470	.887	.658	.916	.600	.500	.480	.521	.867	.832	.540	.868	.662	.421	.667	.584	

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Buena Vista Avenue
 Weather: Clear

File Name : 06_YLA_Lake_Buena AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

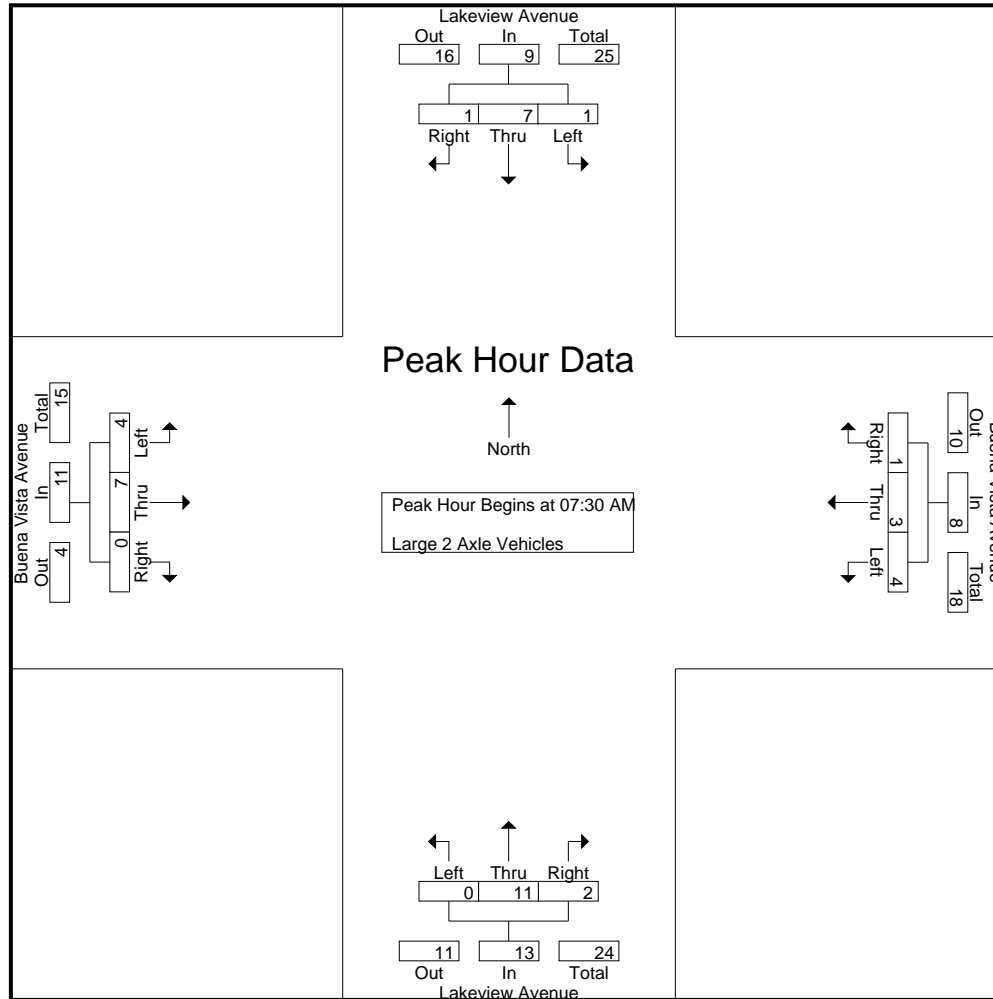
Groups Printed- Large 2 Axle Vehicles

Start Time	Lakeview Avenue Southbound					Buena Vista Avenue Westbound					Lakeview Avenue Northbound					Buena Vista Avenue Eastbound					Exclu. Total	Inclu. Total	Int. Total	
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total				
07:00 AM	0	0	0	0	0	1	1	0	0	2	0	3	0	0	3	1	0	0	0	1	0	0	6	6
07:15 AM	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	1	0	1	0	4	4	4
07:30 AM	1	1	0	0	2	0	1	0	0	1	0	5	1	0	6	0	3	0	0	3	0	12	12	12
07:45 AM	0	1	1	0	2	3	0	1	0	4	0	2	0	0	2	1	1	0	0	2	0	10	10	10
Total	1	3	1	0	5	4	2	1	0	7	0	12	1	0	13	2	4	1	0	7	0	32	32	32
08:00 AM	0	4	0	0	4	1	0	0	0	1	0	3	1	0	4	3	2	0	0	5	0	14	14	14
08:15 AM	0	1	0	0	1	0	2	0	0	2	0	1	0	0	1	0	1	0	0	1	0	5	5	5
08:30 AM	0	2	0	0	2	0	1	0	0	1	0	5	0	0	5	1	1	0	0	2	0	10	10	10
08:45 AM	0	2	1	0	3	0	1	0	0	1	0	0	1	0	1	1	1	0	0	2	0	7	7	7
Total	0	9	1	0	10	1	4	0	0	5	0	9	2	0	11	5	5	0	0	10	0	36	36	36
Grand Total	1	12	2	0	15	5	6	1	0	12	0	21	3	0	24	7	9	1	0	17	0	68	68	68
Apprch %	6.7	80	13.3			41.7	50	8.3			0	87.5	12.5			41.2	52.9	5.9			0	100	100	100
Total %	1.5	17.6	2.9		22.1	7.4	8.8	1.5		17.6	0	30.9	4.4		35.3	10.3	13.2	1.5		25	0	100	100	100

Start Time	Lakeview Avenue Southbound				Buena Vista Avenue Westbound				Lakeview Avenue Northbound				Buena Vista Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	1	1	0	2	0	1	0	1	0	5	1	6	0	3	0	3	12
07:45 AM	0	1	1	2	3	0	1	4	0	2	0	2	1	1	0	2	10
08:00 AM	0	4	0	4	1	0	0	1	0	3	1	4	3	2	0	5	14
08:15 AM	0	1	0	1	0	2	0	2	0	1	0	1	0	1	0	1	5
Total Volume	1	7	1	9	4	3	1	8	0	11	2	13	4	7	0	11	41
% App. Total	11.1	77.8	11.1		50	37.5	12.5		0	84.6	15.4		36.4	63.6	0		
PHF	.250	.438	.250	.563	.333	.375	.250	.500	.000	.550	.500	.542	.333	.583	.000	.550	.732

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Buena Vista Avenue
 Weather: Clear

File Name : 06_YLA_Lake_Buena AM
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City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Buena Vista Avenue
 Weather: Clear

File Name : 06_YLA_Lake_Buena AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Lakeview Avenue Southbound				Buena Vista Avenue Westbound				Lakeview Avenue Northbound				Buena Vista Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:30 AM				07:30 AM				07:30 AM				07:30 AM				
+0 mins.	1	1	0	2	0	1	0	1	0	5	1	6	0	3	0	3	
+15 mins.	0	1	1	2	3	0	1	4	0	2	0	2	1	1	0	2	
+30 mins.	0	4	0	4	1	0	0	1	0	3	1	4	3	2	0	5	
+45 mins.	0	1	0	1	0	2	0	2	0	1	0	1	0	1	0	1	
Total Volume	1	7	1	9	4	3	1	8	0	11	2	13	4	7	0	11	
% App. Total	11.1	77.8	11.1		50	37.5	12.5		0	84.6	15.4		36.4	63.6	0		
PHF	.250	.438	.250	.563	.333	.375	.250	.500	.000	.550	.500	.542	.333	.583	.000	.550	

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Buena Vista Avenue
 Weather: Clear

File Name : 06_YLA_Lake_Buena AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

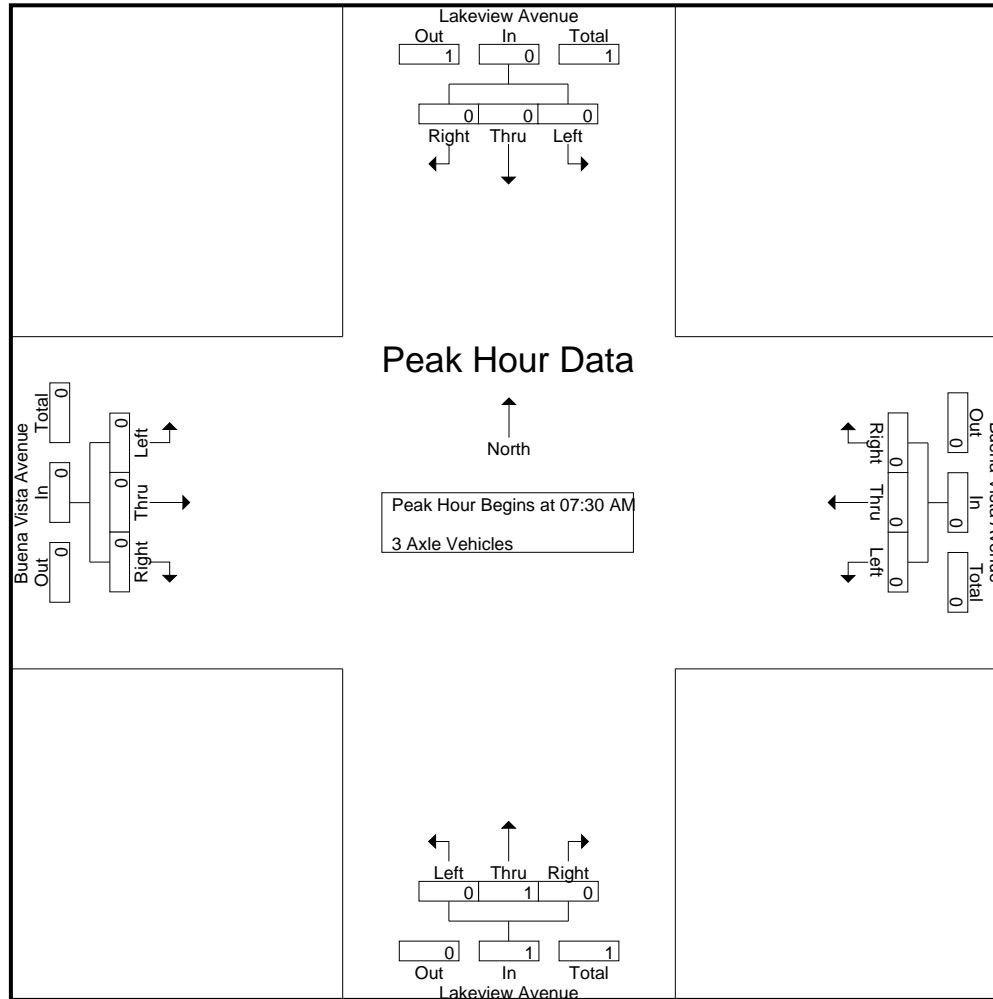
Groups Printed- 3 Axle Vehicles

Start Time	Lakeview Avenue Southbound					Buena Vista Avenue Westbound					Lakeview Avenue Northbound					Buena Vista Avenue Eastbound					Exclu. Total	Inclu. Total	Int. Total					
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total								
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	1	0	1	1
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	1	0	1	1
Grand Total	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	1	0	0	0	0	1	0	2	2
Apprch %	0	0	0			0	0	0			0	100	0			100	0	0										
Total %	0	0	0			0	0	0			0	50	0		50	50	0	0		50	0				50	0	100	

Start Time	Lakeview Avenue Southbound				Buena Vista Avenue Westbound				Lakeview Avenue Northbound				Buena Vista Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:30 AM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
% App. Total	0	0	0		0	0	0		0	100	0		0	0	0		
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.250	.000	.250	.000	.000	.000	.000	.250

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Buena Vista Avenue
 Weather: Clear

File Name : 06_YLA_Lake_Buena AM
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City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Buena Vista Avenue
 Weather: Clear

File Name : 06_YLA_Lake_Buena AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Lakeview Avenue Southbound				Buena Vista Avenue Westbound				Lakeview Avenue Northbound				Buena Vista Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:30 AM				07:30 AM				07:30 AM				07:30 AM				
+0 mins.	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total Volume	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	
% App. Total	0	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.250	.000	.250	.000	.000	.000	.000	

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Buena Vista Avenue
 Weather: Clear

File Name : 06_YLA_Lake_Buena AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

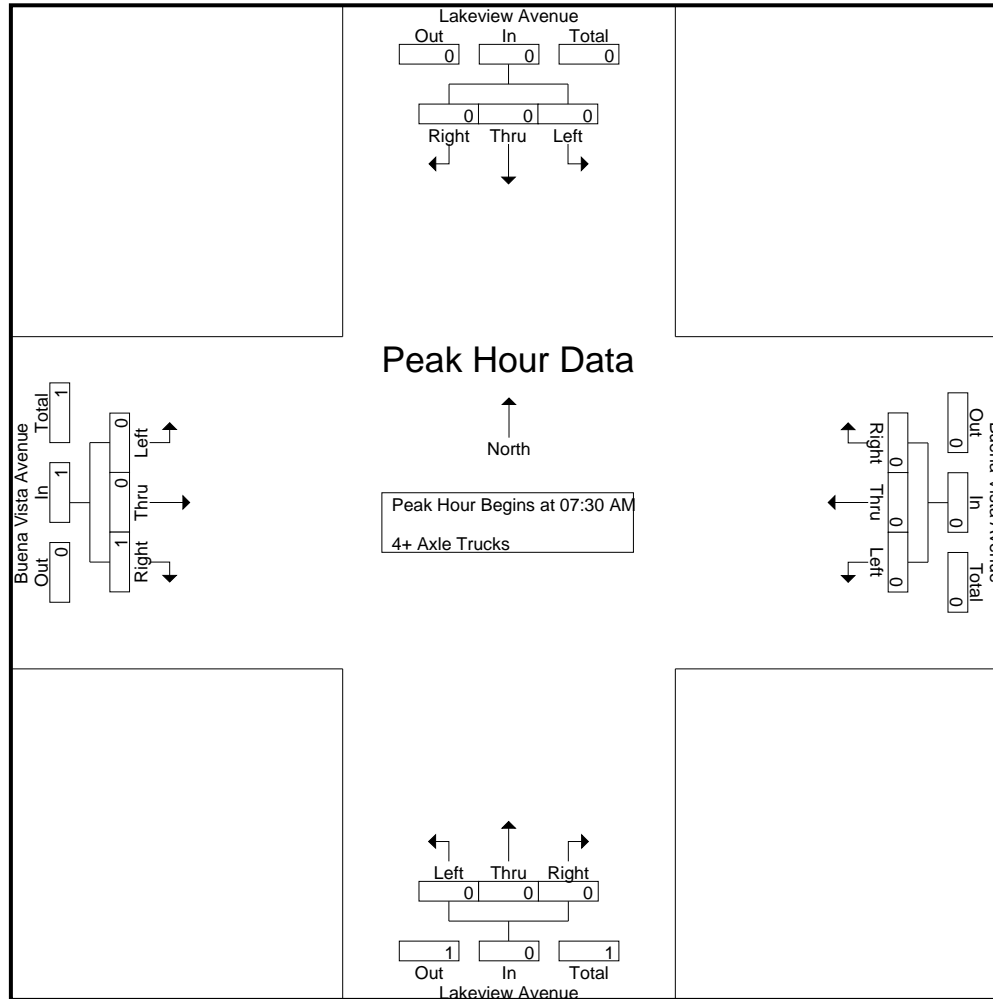
Groups Printed- 4+ Axle Trucks

Start Time	Lakeview Avenue Southbound					Buena Vista Avenue Westbound					Lakeview Avenue Northbound					Buena Vista Avenue Eastbound					Exclu. Total	Inclu. Total	Int. Total					
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total								
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	1	0	1	1
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	1	0	1	1
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45 AM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1
Total	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1
Grand Total	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	0	1	0	0	1	0	1	0	2	2
Apprch %	0	0	0			0	0	0			100	0	0			0	0	100										
Total %	0	0	0			0	0	0			50	0	0		50	0	0	50		50						0	100	

Start Time	Lakeview Avenue Southbound				Buena Vista Avenue Westbound				Lakeview Avenue Northbound				Buena Vista Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
% App. Total	0	0	0		0	0	0		0	0	0		0	0	100		
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.250	.250	.250

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Buena Vista Avenue
 Weather: Clear

File Name : 06_YLA_Lake_Buena AM
 Site Code : 05122223
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City of Yorba Linda
 N/S: Lakeview Avenue
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 Weather: Clear

File Name : 06_YLA_Lake_Buena AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Lakeview Avenue Southbound				Buena Vista Avenue Westbound				Lakeview Avenue Northbound				Buena Vista Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:30 AM				07:30 AM				07:30 AM				07:30 AM				
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
% App. Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	100	
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.250	.250	

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Buena Vista Avenue
 Weather: Clear

File Name : 06_YLA_Lake_Buena PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

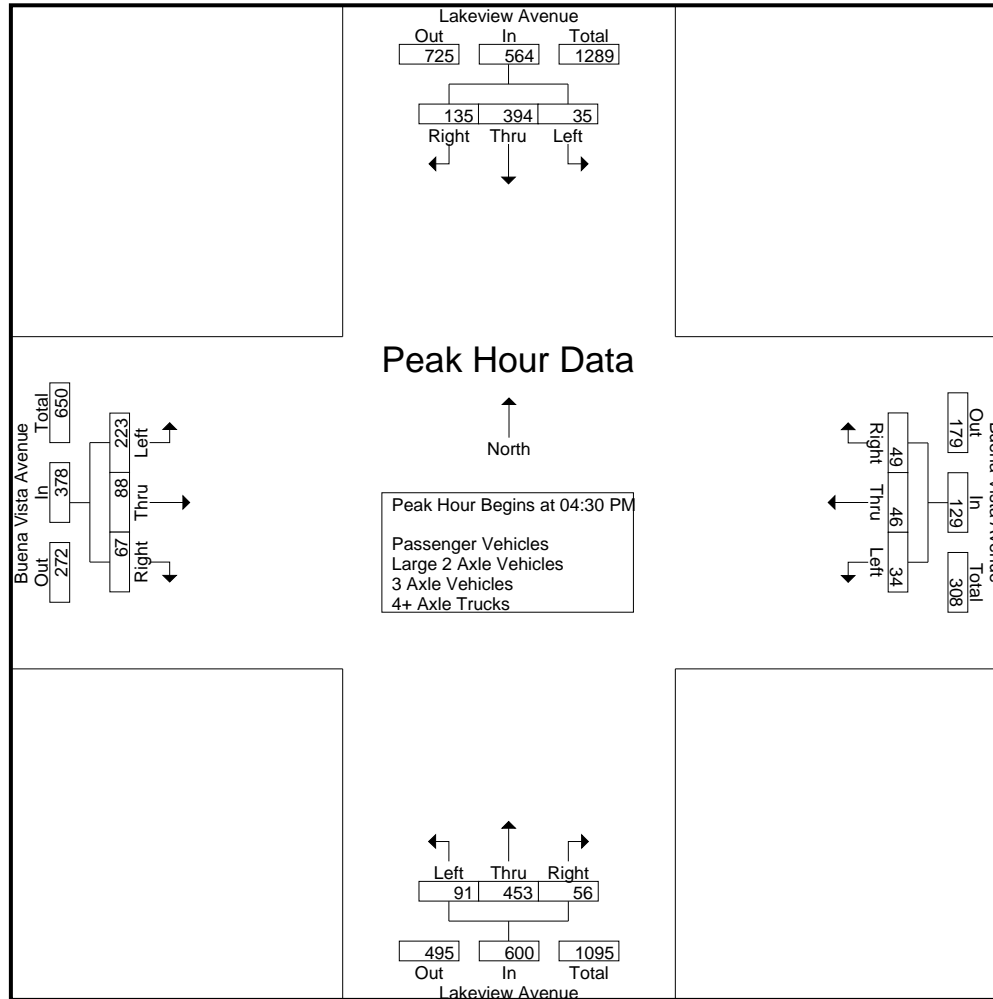
Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

Start Time	Lakeview Avenue Southbound					Buena Vista Avenue Westbound					Lakeview Avenue Northbound					Buena Vista Avenue Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	12	104	26	0	142	7	18	2	0	27	24	100	10	0	134	41	17	20	0	78	0	381	381
04:15 PM	10	98	27	0	135	10	12	13	0	35	18	113	11	0	142	40	15	24	0	79	0	391	391
04:30 PM	9	101	32	0	142	8	8	9	0	25	23	120	12	0	155	52	14	18	0	84	0	406	406
04:45 PM	12	93	31	0	136	5	13	13	0	31	29	112	10	0	151	59	21	19	0	99	0	417	417
Total	43	396	116	0	555	30	51	37	0	118	94	445	43	0	582	192	67	81	0	340	0	1595	1595
05:00 PM	9	106	40	0	155	9	17	9	1	35	20	116	15	0	151	55	21	13	0	89	1	430	431
05:15 PM	5	94	32	0	131	12	8	18	0	38	19	105	19	0	143	57	32	17	0	106	0	418	418
05:30 PM	4	89	31	0	124	11	16	6	0	33	27	114	13	0	154	50	17	27	0	94	0	405	405
05:45 PM	9	90	25	0	124	8	8	18	0	34	23	123	8	0	154	47	12	22	0	81	0	393	393
Total	27	379	128	0	534	40	49	51	1	140	89	458	55	0	602	209	82	79	0	370	1	1646	1647
Grand Total	70	775	244	0	1089	70	100	88	1	258	183	903	98	0	1184	401	149	160	0	710	1	3241	3242
Apprch %	6.4	71.2	22.4			27.1	38.8	34.1			15.5	76.3	8.3			56.5	21	22.5					
Total %	2.2	23.9	7.5		33.6	2.2	3.1	2.7		8	5.6	27.9	3		36.5	12.4	4.6	4.9		21.9	0	100	
Passenger Vehicles	67	761	243		1071	70	98	86		255	183	899	96		1178	399	148	159		706	0	0	3210
% Passenger Vehicles	95.7	98.2	99.6	0	98.3	100	98	97.7	100	98.5	100	99.6	98	0	99.5	99.5	99.3	99.4	0	99.4	0	0	99
Large 2 Axle Vehicles	3	9	1		13	0	2	2		4	0	4	2		6	2	1	1		4	0	0	27
% Large 2 Axle Vehicles	4.3	1.2	0.4	0	1.2	0	2	2.3	0	1.5	0	0.4	2	0	0.5	0.5	0.7	0.6	0	0.6	0	0	0.8
3 Axle Vehicles	0	4	0		4	0	0	0		0	0	0	0		0	0	0	0		0	0	0	4
% 3 Axle Vehicles	0	0.5	0	0	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1
4+ Axle Trucks	0	1	0		1	0	0	0		0	0	0	0		0	0	0	0		0	0	0	1
% 4+ Axle Trucks	0	0.1	0	0	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Start Time	Lakeview Avenue Southbound				Buena Vista Avenue Westbound				Lakeview Avenue Northbound				Buena Vista Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	9	101	32	142	8	8	9	25	23	120	12	155	52	14	18	84	406
04:45 PM	12	93	31	136	5	13	13	31	29	112	10	151	59	21	19	99	417
05:00 PM	9	106	40	155	9	17	9	35	20	116	15	151	55	21	13	89	430
05:15 PM	5	94	32	131	12	8	18	38	19	105	19	143	57	32	17	106	418
Total Volume	35	394	135	564	34	46	49	129	91	453	56	600	223	88	67	378	1671
% App. Total	6.2	69.9	23.9		26.4	35.7	38		15.2	75.5	9.3		59	23.3	17.7		
PHF	.729	.929	.844	.910	.708	.676	.681	.849	.784	.944	.737	.968	.945	.688	.882	.892	.972

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Buena Vista Avenue
 Weather: Clear

File Name : 06_YLA_Lake_Buena PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Buena Vista Avenue
 Weather: Clear

File Name : 06_YLA_Lake_Buena PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Lakeview Avenue Southbound				Buena Vista Avenue Westbound				Lakeview Avenue Northbound				Buena Vista Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:15 PM				05:00 PM				05:00 PM				04:45 PM				
+0 mins.	10	98	27	135	9	17	9	35	20	116	15	151	59	21	19	99	
+15 mins.	9	101	32	142	12	8	18	38	19	105	19	143	55	21	13	89	
+30 mins.	12	93	31	136	11	16	6	33	27	114	13	154	57	32	17	106	
+45 mins.	9	106	40	155	8	8	18	34	23	123	8	154	50	17	27	94	
Total Volume	40	398	130	568	40	49	51	140	89	458	55	602	221	91	76	388	
% App. Total	7	70.1	22.9		28.6	35	36.4		14.8	76.1	9.1		57	23.5	19.6		
PHF	.833	.939	.813	.916	.833	.721	.708	.921	.824	.931	.724	.977	.936	.711	.704	.915	

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Buena Vista Avenue
 Weather: Clear

File Name : 06_YLA_Lake_Buena PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

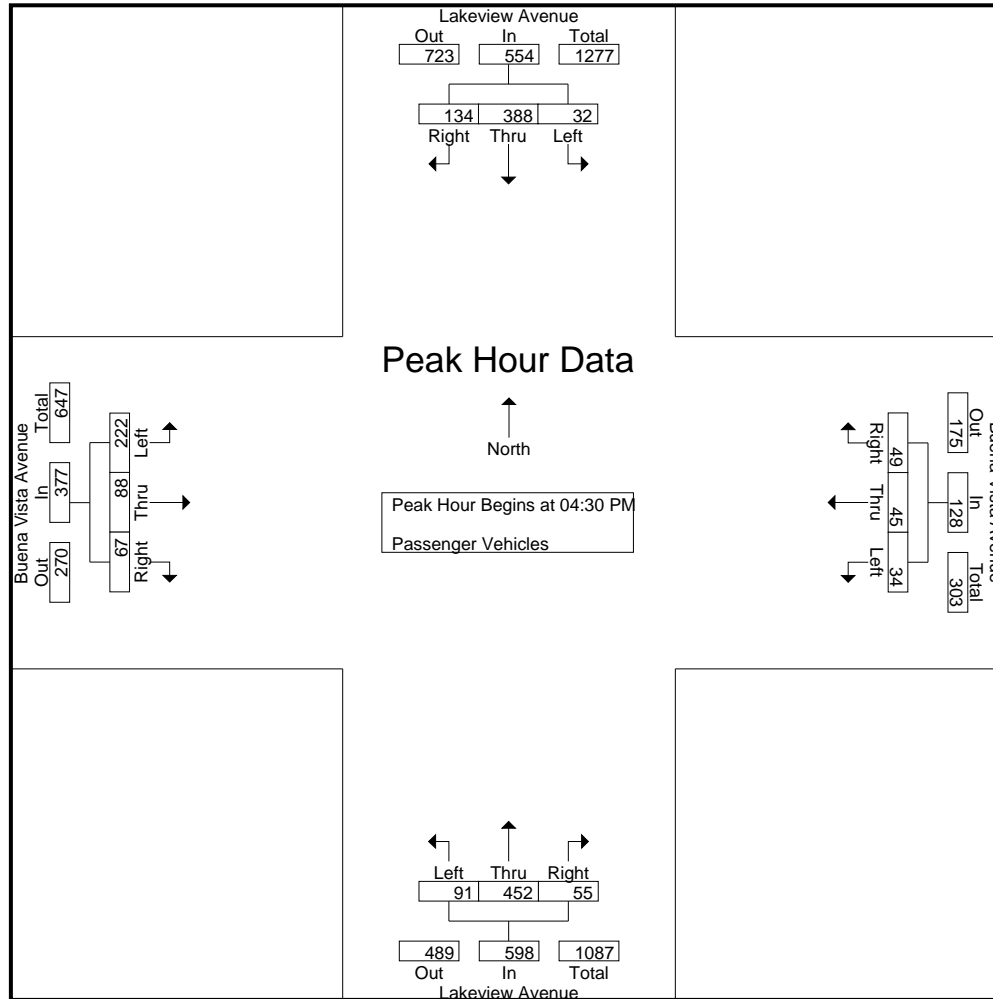
Groups Printed- Passenger Vehicles

Start Time	Lakeview Avenue Southbound					Buena Vista Avenue Westbound					Lakeview Avenue Northbound					Buena Vista Avenue Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	12	101	26	0	139	7	17	2	0	26	24	100	10	0	134	40	17	19	0	76	0	375	375
04:15 PM	10	95	27	0	132	10	12	13	0	35	18	111	11	0	140	40	14	24	0	78	0	385	385
04:30 PM	8	99	32	0	139	8	7	9	0	24	23	120	11	0	154	52	14	18	0	84	0	401	401
04:45 PM	11	91	31	0	133	5	13	13	0	31	29	112	10	0	151	59	21	19	0	99	0	414	414
Total	41	386	116	0	543	30	49	37	0	116	94	443	42	0	579	191	66	80	0	337	0	1575	1575
05:00 PM	8	105	40	0	153	9	17	9	1	35	20	116	15	0	151	54	21	13	0	88	1	427	428
05:15 PM	5	93	31	0	129	12	8	18	0	38	19	104	19	0	142	57	32	17	0	106	0	415	415
05:30 PM	4	87	31	0	122	11	16	6	0	33	27	113	13	0	153	50	17	27	0	94	0	402	402
05:45 PM	9	90	25	0	124	8	8	16	0	32	23	123	7	0	153	47	12	22	0	81	0	390	390
Total	26	375	127	0	528	40	49	49	1	138	89	456	54	0	599	208	82	79	0	369	1	1634	1635
Grand Total	67	761	243	0	1071	70	98	86	1	254	183	899	96	0	1178	399	148	159	0	706	1	3209	3210
Apprch %	6.3	71.1	22.7			27.6	38.6	33.9			15.5	76.3	8.1			56.5	21	22.5					
Total %	2.1	23.7	7.6		33.4	2.2	3.1	2.7		7.9	5.7	28	3		36.7	12.4	4.6	5		22	0	100	

Start Time	Lakeview Avenue Southbound				Buena Vista Avenue Westbound				Lakeview Avenue Northbound				Buena Vista Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	8	99	32	139	8	7	9	24	23	120	11	154	52	14	18	84	401
04:45 PM	11	91	31	133	5	13	13	31	29	112	10	151	59	21	19	99	414
05:00 PM	8	105	40	153	9	17	9	35	20	116	15	151	54	21	13	88	427
05:15 PM	5	93	31	129	12	8	18	38	19	104	19	142	57	32	17	106	415
Total Volume	32	388	134	554	34	45	49	128	91	452	55	598	222	88	67	377	1657
% App. Total	5.8	70	24.2		26.6	35.2	38.3		15.2	75.6	9.2		58.9	23.3	17.8		
PHF	.727	.924	.838	.905	.708	.662	.681	.842	.784	.942	.724	.971	.941	.688	.882	.889	.970

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Buena Vista Avenue
 Weather: Clear

File Name : 06_YLA_Lake_Buena PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Buena Vista Avenue
 Weather: Clear

File Name : 06_YLA_Lake_Buena PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Lakeview Avenue Southbound				Buena Vista Avenue Westbound				Lakeview Avenue Northbound				Buena Vista Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:30 PM				04:30 PM				04:30 PM				04:30 PM				
+0 mins.	8	99	32	139	8	7	9	24	23	120	11	154	52	14	18	84	
+15 mins.	11	91	31	133	5	13	13	31	29	112	10	151	59	21	19	99	
+30 mins.	8	105	40	153	9	17	9	35	20	116	15	151	54	21	13	88	
+45 mins.	5	93	31	129	12	8	18	38	19	104	19	142	57	32	17	106	
Total Volume	32	388	134	554	34	45	49	128	91	452	55	598	222	88	67	377	
% App. Total	5.8	70	24.2		26.6	35.2	38.3		15.2	75.6	9.2		58.9	23.3	17.8		
PHF	.727	.924	.838	.905	.708	.662	.681	.842	.784	.942	.724	.971	.941	.688	.882	.889	

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Buena Vista Avenue
 Weather: Clear

File Name : 06_YLA_Lake_Buena PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

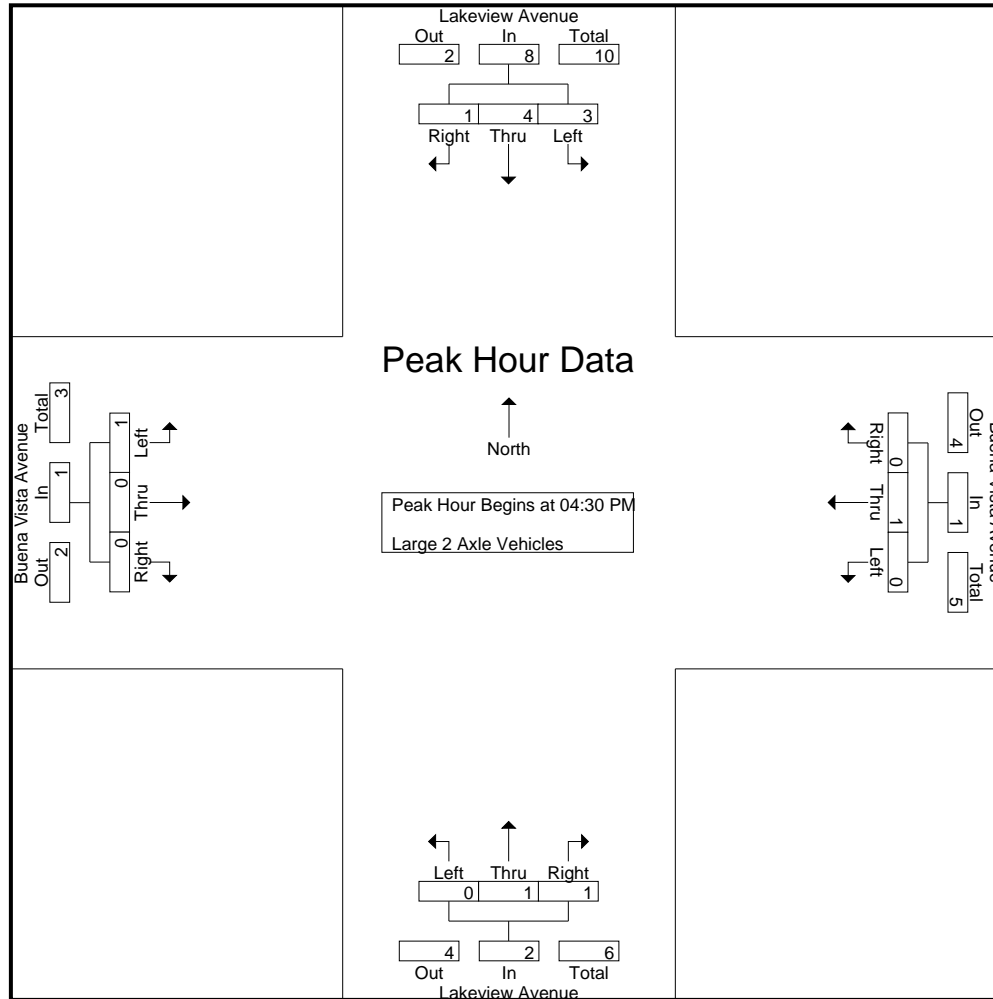
Groups Printed- Large 2 Axle Vehicles

Start Time	Lakeview Avenue Southbound					Buena Vista Avenue Westbound					Lakeview Avenue Northbound					Buena Vista Avenue Eastbound					Exclu. Total	Inclu. Total	Int. Total	
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total				
04:00 PM	0	2	0	0	2	0	1	0	0	1	0	0	0	0	0	1	0	1	0	2	0	0	5	5
04:15 PM	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	0	1	0	0	1	0	0	5	5
04:30 PM	1	0	0	0	1	0	1	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	3	3
04:45 PM	1	2	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
Total	2	6	0	0	8	0	2	0	0	2	0	2	1	0	3	1	1	1	0	3	0	0	16	16
05:00 PM	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	3	3
05:15 PM	0	1	1	0	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	3	3
05:30 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	2	2
05:45 PM	0	0	0	0	0	0	0	2	0	2	0	0	1	0	1	0	0	0	0	0	0	0	3	3
Total	1	3	1	0	5	0	0	2	0	2	0	2	1	0	3	1	0	0	0	1	0	0	11	11
Grand Total	3	9	1	0	13	0	2	2	0	4	0	4	2	0	6	2	1	1	0	4	0	0	27	27
Apprch %	23.1	69.2	7.7			0	50	50			0	66.7	33.3			50	25	25			0	0		
Total %	11.1	33.3	3.7		48.1	0	7.4	7.4		14.8	0	14.8	7.4		22.2	7.4	3.7	3.7		14.8	0	0	100	

Start Time	Lakeview Avenue Southbound				Buena Vista Avenue Westbound				Lakeview Avenue Northbound				Buena Vista Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	1	0	0	1	0	1	0	1	0	0	1	1	0	0	0	0	3
04:45 PM	1	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
05:00 PM	1	1	0	2	0	0	0	0	0	0	0	0	1	0	0	1	3
05:15 PM	0	1	1	2	0	0	0	0	0	1	0	1	0	0	0	0	3
Total Volume	3	4	1	8	0	1	0	1	0	1	1	2	1	0	0	1	12
% App. Total	37.5	50	12.5		0	100	0		0	50	50		100	0	0		
PHF	.750	.500	.250	.667	.000	.250	.000	.250	.000	.250	.250	.500	.250	.000	.000	.250	1.00

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Buena Vista Avenue
 Weather: Clear

File Name : 06_YLA_Lake_Buena PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Buena Vista Avenue
 Weather: Clear

File Name : 06_YLA_Lake_Buena PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Lakeview Avenue Southbound				Buena Vista Avenue Westbound				Lakeview Avenue Northbound				Buena Vista Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:30 PM				04:30 PM				04:30 PM				04:30 PM				
+0 mins.	1	0	0	1	0	1	0	1	0	0	1	1	0	0	0	0	
+15 mins.	1	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	
+30 mins.	1	1	0	2	0	0	0	0	0	0	0	0	1	0	0	1	
+45 mins.	0	1	1	2	0	0	0	0	0	1	0	1	0	0	0	0	
Total Volume	3	4	1	8	0	1	0	1	0	1	1	2	1	0	0	1	
% App. Total	37.5	50	12.5		0	100	0		0	50	50		100	0	0		
PHF	.750	.500	.250	.667	.000	.250	.000	.250	.000	.250	.250	.500	.250	.000	.000	.250	

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Buena Vista Avenue
 Weather: Clear

File Name : 06_YLA_Lake_Buena PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

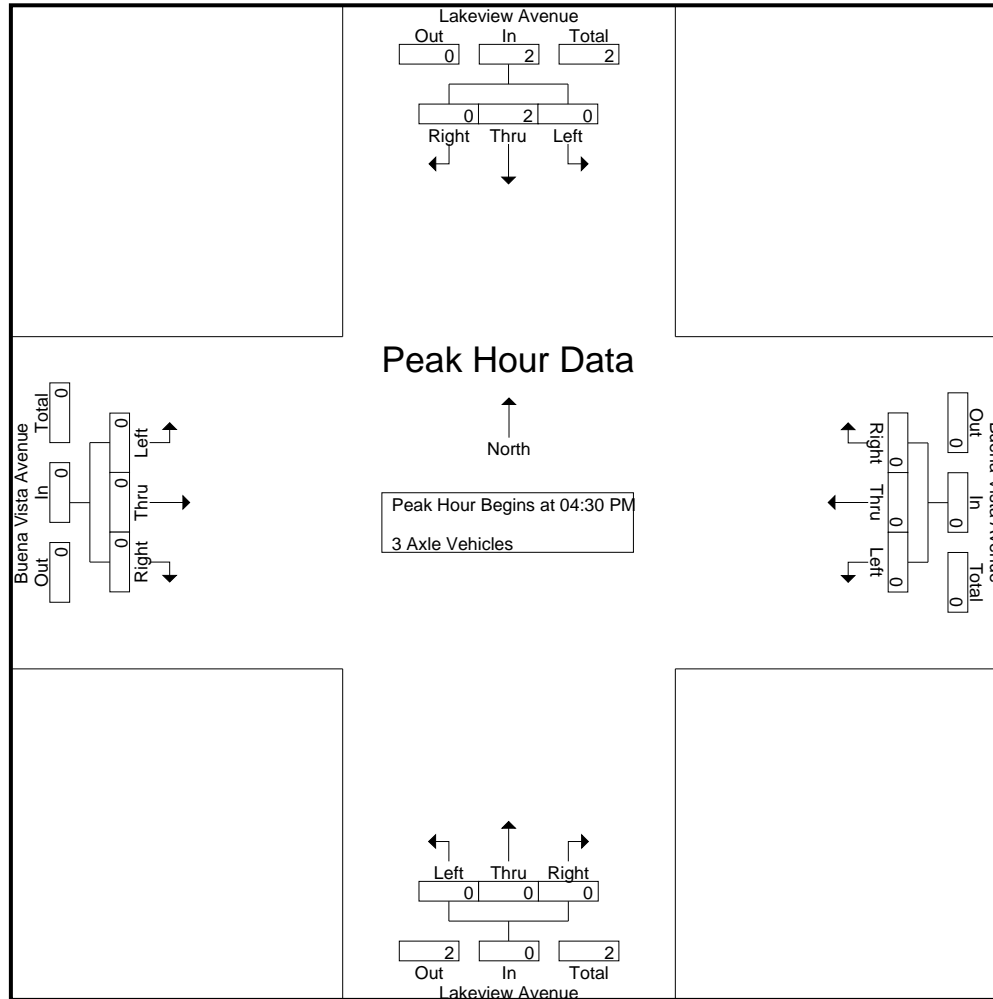
Groups Printed- 3 Axle Vehicles

Start Time	Lakeview Avenue Southbound					Buena Vista Avenue Westbound					Lakeview Avenue Northbound					Buena Vista Avenue Eastbound					Exclu. Total	Inclu. Total	Int. Total					
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total								
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
04:30 PM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Grand Total	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4
Apprch %	0	100	0			0	0	0			0	0	0			0	0	0			0	0	0			0		
Total %	0	100	0		100	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0		0	0	100	

Start Time	Lakeview Avenue Southbound				Buena Vista Avenue Westbound				Lakeview Avenue Northbound				Buena Vista Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
% App. Total	0	100	0		0	0	0		0	0	0		0	0	0		
PHF	.000	.250	.000	.250	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.250

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Buena Vista Avenue
 Weather: Clear

File Name : 06_YLA_Lake_Buena PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Buena Vista Avenue
 Weather: Clear

File Name : 06_YLA_Lake_Buena PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Lakeview Avenue Southbound				Buena Vista Avenue Westbound				Lakeview Avenue Northbound				Buena Vista Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:30 PM				04:30 PM				04:30 PM				04:30 PM				
+0 mins.	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total Volume	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	
% App. Total	0	100	0		0	0	0		0	0	0		0	0	0		
PHF	.000	.250	.000	.250	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Buena Vista Avenue
 Weather: Clear

File Name : 06_YLA_Lake_Buena PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

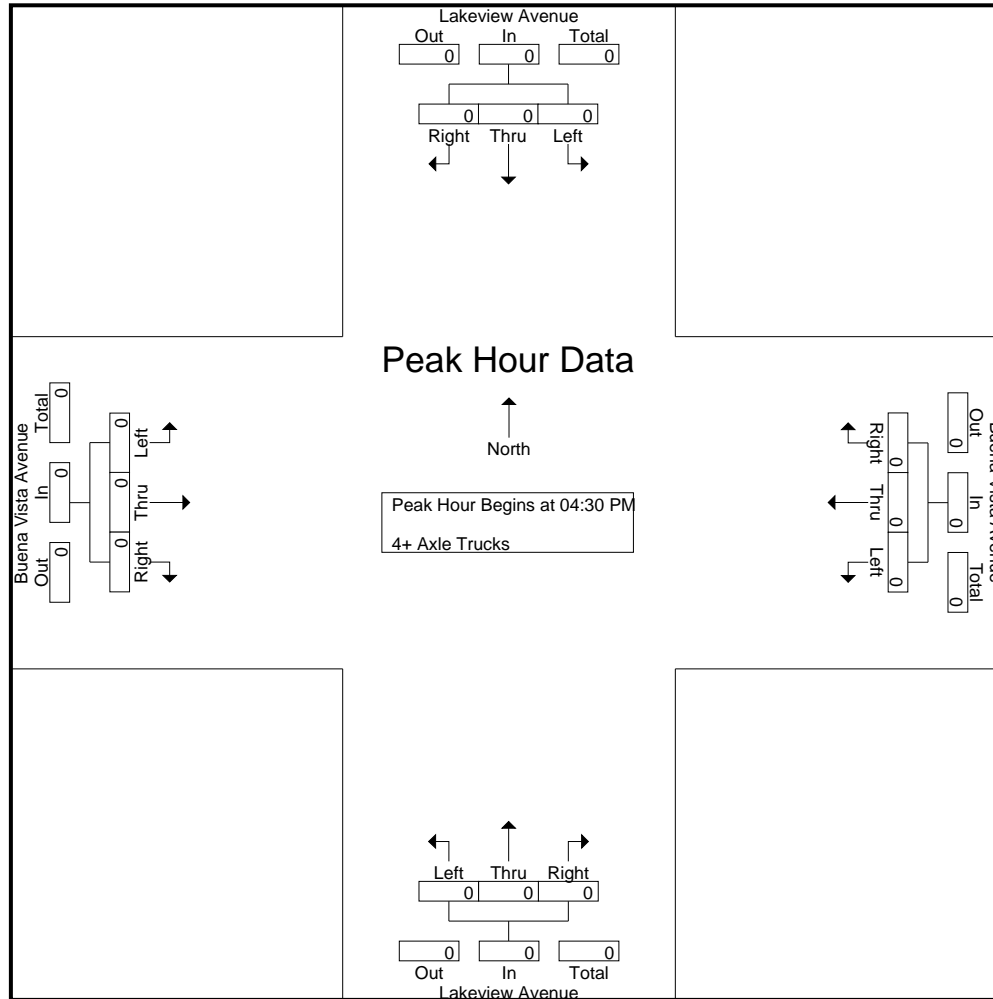
Groups Printed- 4+ Axle Trucks

Start Time	Lakeview Avenue Southbound					Buena Vista Avenue Westbound					Lakeview Avenue Northbound					Buena Vista Avenue Eastbound					Exclu. Total	Inclu. Total	Int. Total					
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total								
04:00 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Apprch %	0	100	0			0	0	0			0	0	0			0	0	0			0	0	0			0		
Total %	0	100	0		100	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0		0	0	100	

Start Time	Lakeview Avenue Southbound				Buena Vista Avenue Westbound				Lakeview Avenue Northbound				Buena Vista Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% App. Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

City of Yorba Linda
N/S: Lakeview Avenue
E/W: Buena Vista Avenue
Weather: Clear

File Name : 06_YLA_Lake_Buena PM
Site Code : 05122223
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City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Buena Vista Avenue
 Weather: Clear

File Name : 06_YLA_Lake_Buena PM
 Site Code : 05122223
 Start Date : 3/15/2022
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Start Time	Lakeview Avenue Southbound				Buena Vista Avenue Westbound				Lakeview Avenue Northbound				Buena Vista Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:30 PM				04:30 PM				04:30 PM				04:30 PM				
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% App. Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

Location: Yorba Linda
 N/S: Lakeview Avenue
 E/W: Buena Vista Avenue



Date: 3/15/2022
 Day: Tuesday

PEDESTRIANS

	North Leg Lakeview Avenue	East Leg Buena Vista Avenue	South Leg Lakeview Avenue	West Leg Buena Vista Avenue	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	1	0	1
7:30 AM	0	0	0	0	0
7:45 AM	0	1	1	0	2
8:00 AM	0	0	2	0	2
8:15 AM	0	2	3	1	6
8:30 AM	0	0	1	0	1
8:45 AM	2	1	1	0	4
TOTAL VOLUMES:	2	4	9	1	16

	North Leg Lakeview Avenue	East Leg Buena Vista Avenue	South Leg Lakeview Avenue	West Leg Buena Vista Avenue	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	1	0	0	1
4:15 PM	1	1	4	0	6
4:30 PM	0	0	1	1	2
4:45 PM	0	1	0	2	3
5:00 PM	0	0	0	0	0
5:15 PM	0	0	1	1	2
5:30 PM	0	3	2	0	5
5:45 PM	0	0	1	0	1
TOTAL VOLUMES:	1	6	9	4	20

Location: Yorba Linda
 N/S: Lakeview Avenue
 E/W: Buena Vista Avenue



Date: 3/15/2022
 Day: Tuesday

BICYCLES

	Southbound Lakeview Avenue			Westbound Buena Vista Avenue			Northbound Lakeview Avenue			Eastbound Buena Vista Avenue			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	1	0	0	0	0	0	0	0	0	1
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	2	0	2
TOTAL VOLUMES:	0	0	0	1	0	0	0	0	0	0	2	0	3

	Southbound Lakeview Avenue			Westbound Buena Vista Avenue			Northbound Lakeview Avenue			Eastbound Buena Vista Avenue			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
4:15 PM	0	1	0	0	0	1	0	0	0	0	0	0	2
4:30 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
4:45 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	1	0	0	1	0	0	0	1	0	0	0	3
5:30 PM	0	1	0	0	0	0	0	0	1	0	0	0	2
5:45 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
TOTAL VOLUMES:	0	5	0	0	2	1	0	1	2	0	0	0	11

City of Yorba Linda
 N/S: Kellogg Drive
 E/W: Imperial Highway Southbound Ramps
 Weather: Clear

File Name : 07_YLA_Kellogg_Imp SB AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

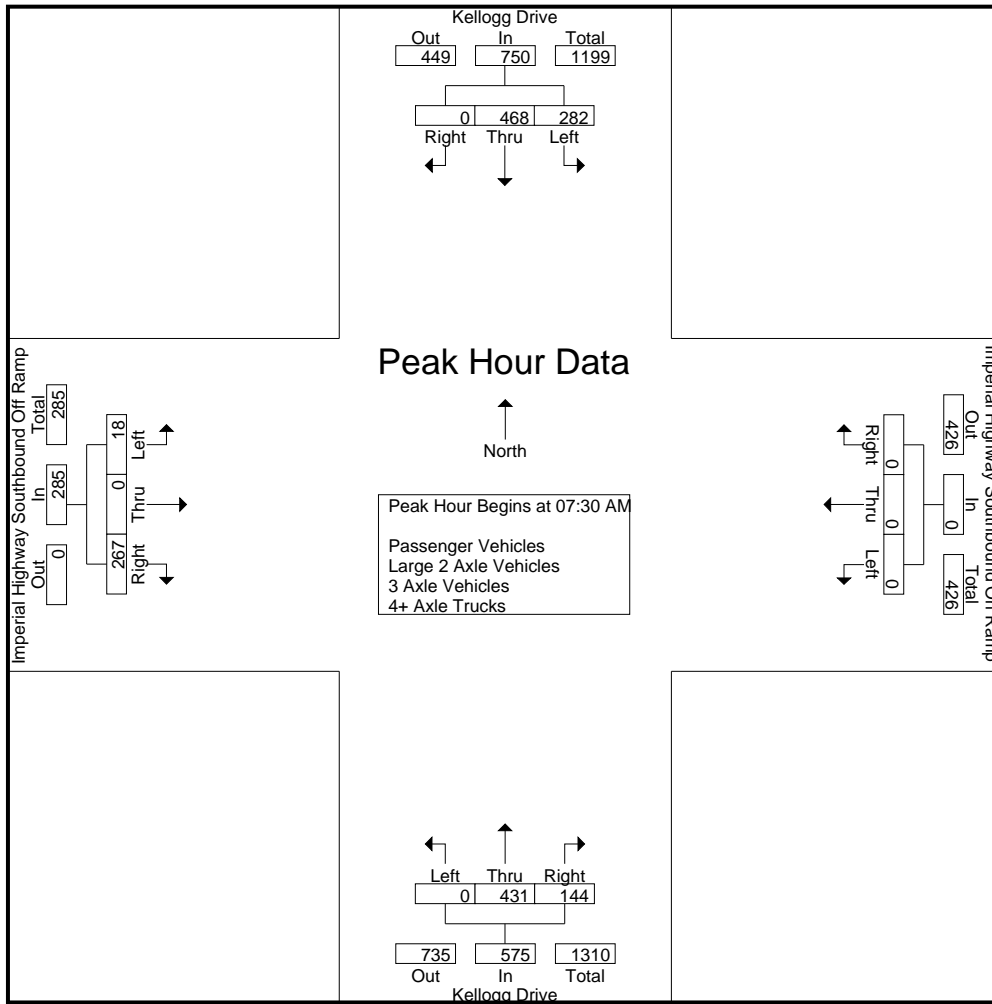
Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

Start Time	Kellogg Drive Southbound				Imperial Highway Southbound On Ramp Westbound				Kellogg Drive Northbound				Imperial Highway Southbound Off Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	56	38	0	94	0	0	0	0	0	31	16	47	2	0	29	31	172
07:15 AM	71	61	0	132	0	0	0	0	0	44	27	71	4	0	37	41	244
07:30 AM	60	156	0	216	0	0	0	0	0	112	46	158	0	0	94	94	468
07:45 AM	87	182	0	269	0	0	0	0	0	184	67	251	1	0	97	98	618
Total	274	437	0	711	0	0	0	0	0	371	156	527	7	0	257	264	1502
08:00 AM	68	63	0	131	0	0	0	0	0	64	17	81	7	0	41	48	260
08:15 AM	67	67	0	134	0	0	0	0	0	71	14	85	10	0	35	45	264
08:30 AM	63	70	0	133	0	0	0	0	0	57	15	72	5	0	33	38	243
08:45 AM	49	37	0	86	0	0	0	0	0	43	12	55	3	0	25	28	169
Total	247	237	0	484	0	0	0	0	0	235	58	293	25	0	134	159	936
Grand Total	521	674	0	1195	0	0	0	0	0	606	214	820	32	0	391	423	2438
Apprch %	43.6	56.4	0		0	0	0		0	73.9	26.1		7.6	0	92.4		
Total %	21.4	27.6	0	49	0	0	0	0	0	24.9	8.8	33.6	1.3	0	16	17.4	
Passenger Vehicles	517	659	0	1176	0	0	0	0	0	590	210	800	30	0	384	414	2390
% Passenger Vehicles	99.2	97.8	0	98.4	0	0	0	0	0	97.4	98.1	97.6	93.8	0	98.2	97.9	98
Large 2 Axle Vehicles	2	13	0	15	0	0	0	0	0	14	3	17	2	0	7	9	41
% Large 2 Axle Vehicles	0.4	1.9	0	1.3	0	0	0	0	0	2.3	1.4	2.1	6.2	0	1.8	2.1	1.7
3 Axle Vehicles	1	2	0	3	0	0	0	0	0	2	1	3	0	0	0	0	6
% 3 Axle Vehicles	0.2	0.3	0	0.3	0	0	0	0	0	0.3	0.5	0.4	0	0	0	0	0.2
4+ Axle Trucks	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
% 4+ Axle Trucks	0.2	0	0	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0

Start Time	Kellogg Drive Southbound				Imperial Highway Southbound On Ramp Westbound				Kellogg Drive Northbound				Imperial Highway Southbound Off Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	60	156	0	216	0	0	0	0	0	112	46	158	0	0	94	94	468
07:45 AM	87	182	0	269	0	0	0	0	0	184	67	251	1	0	97	98	618
08:00 AM	68	63	0	131	0	0	0	0	0	64	17	81	7	0	41	48	260
08:15 AM	67	67	0	134	0	0	0	0	0	71	14	85	10	0	35	45	264
Total Volume	282	468	0	750	0	0	0	0	0	431	144	575	18	0	267	285	1610
% App. Total	37.6	62.4	0		0	0	0		0	75	25		6.3	0	93.7		
PHF	.810	.643	.000	.697	.000	.000	.000	.000	.000	.586	.537	.573	.450	.000	.688	.727	.651

City of Yorba Linda
 N/S: Kellogg Drive
 E/W: Imperial Highway Southbound Ramps
 Weather: Clear

File Name : 07_YLA_Kellog_Imp SB AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	07:30 AM				07:00 AM				07:30 AM				07:30 AM			
+0 mins.	60	156	0	216	0	0	0	0	0	112	46	158	0	0	94	94
+15 mins.	87	182	0	269	0	0	0	0	0	184	67	251	1	0	97	98
+30 mins.	68	63	0	131	0	0	0	0	0	64	17	81	7	0	41	48
+45 mins.	67	67	0	134	0	0	0	0	0	71	14	85	10	0	35	45
Total Volume	282	468	0	750	0	0	0	0	0	431	144	575	18	0	267	285
% App. Total	37.6	62.4	0		0	0	0		0	75	25		6.3	0	93.7	
PHF	.810	.643	.000	.697	.000	.000	.000	.000	.000	.586	.537	.573	.450	.000	.688	.727

City of Yorba Linda
 N/S: Kellogg Drive
 E/W: Imperial Highway Southbound Ramps
 Weather: Clear

File Name : 07_YLA_Kellogg_Imp SB AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

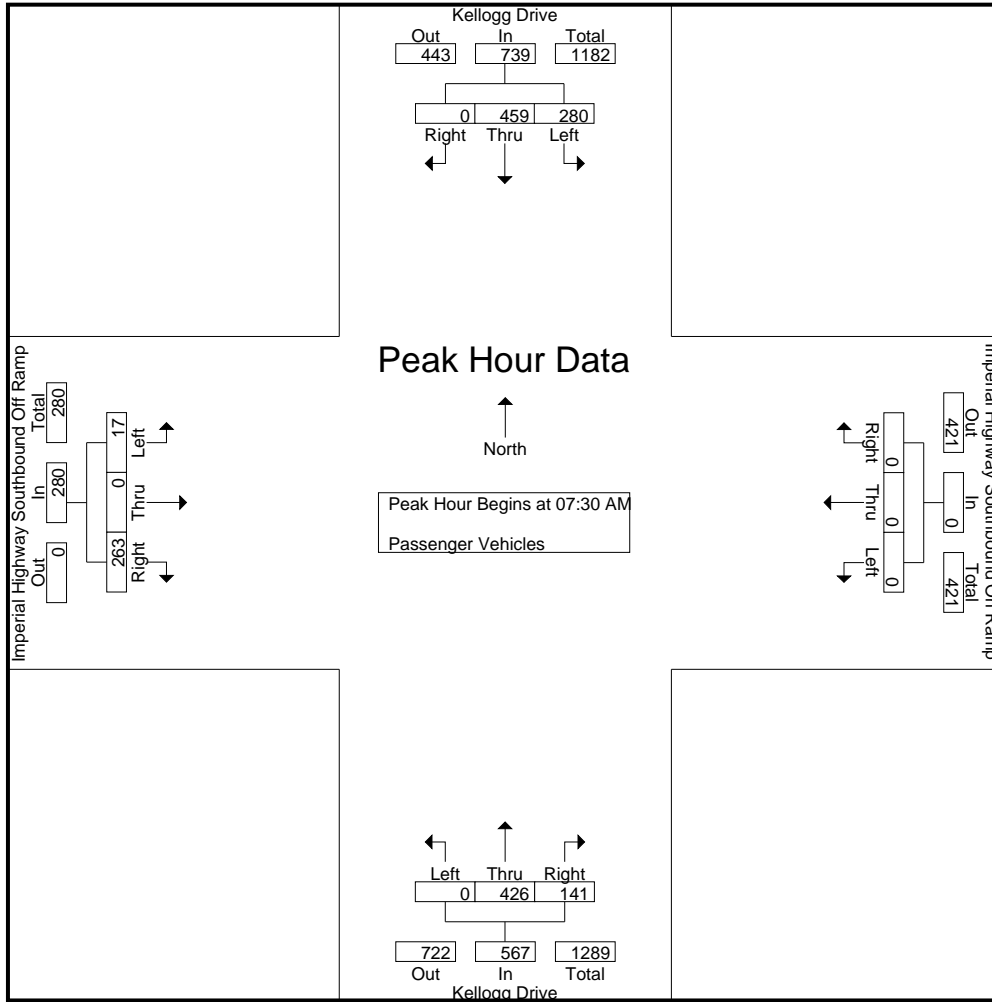
Groups Printed- Passenger Vehicles

Start Time	Kellogg Drive Southbound				Imperial Highway Southbound On Ramp Westbound				Kellogg Drive Northbound				Imperial Highway Southbound Off Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	56	36	0	92	0	0	0	0	0	28	16	44	2	0	28	30	166
07:15 AM	70	59	0	129	0	0	0	0	0	39	27	66	4	0	36	40	235
07:30 AM	60	153	0	213	0	0	0	0	0	111	46	157	0	0	92	92	462
07:45 AM	87	180	0	267	0	0	0	0	0	184	66	250	1	0	96	97	614
Total	273	428	0	701	0	0	0	0	0	362	155	517	7	0	252	259	1477
08:00 AM	67	61	0	128	0	0	0	0	0	62	16	78	6	0	40	46	252
08:15 AM	66	65	0	131	0	0	0	0	0	69	13	82	10	0	35	45	258
08:30 AM	63	69	0	132	0	0	0	0	0	55	14	69	4	0	32	36	237
08:45 AM	48	36	0	84	0	0	0	0	0	42	12	54	3	0	25	28	166
Total	244	231	0	475	0	0	0	0	0	228	55	283	23	0	132	155	913
Grand Total	517	659	0	1176	0	0	0	0	0	590	210	800	30	0	384	414	2390
Apprch %	44	56	0		0	0	0		0	73.8	26.2		7.2	0	92.8		
Total %	21.6	27.6	0	49.2	0	0	0	0	0	24.7	8.8	33.5	1.3	0	16.1	17.3	

Start Time	Kellogg Drive Southbound				Imperial Highway Southbound On Ramp Westbound				Kellogg Drive Northbound				Imperial Highway Southbound Off Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:30 AM	60	153	0	213	0	0	0	0	0	111	46	157	0	0	92	92	462
07:45 AM	87	180	0	267	0	0	0	0	0	184	66	250	1	0	96	97	614
08:00 AM	67	61	0	128	0	0	0	0	0	62	16	78	6	0	40	46	252
08:15 AM	66	65	0	131	0	0	0	0	0	69	13	82	10	0	35	45	258
Total Volume	280	459	0	739	0	0	0	0	0	426	141	567	17	0	263	280	1586
% App. Total	37.9	62.1	0		0	0	0		0	75.1	24.9		6.1	0	93.9		
PHF	.805	.638	.000	.692	.000	.000	.000	.000	.000	.579	.534	.567	.425	.000	.685	.722	.646

City of Yorba Linda
 N/S: Kellogg Drive
 E/W: Imperial Highway Southbound Ramps
 Weather: Clear

File Name : 07_YLA_Kellog_Imp SB AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	07:30 AM				07:30 AM				07:30 AM				07:30 AM			
+0 mins.	60	153	0	213	0	0	0	0	0	111	46	157	0	0	92	92
+15 mins.	87	180	0	267	0	0	0	0	0	184	66	250	1	0	96	97
+30 mins.	67	61	0	128	0	0	0	0	0	62	16	78	6	0	40	46
+45 mins.	66	65	0	131	0	0	0	0	0	69	13	82	10	0	35	45
Total Volume	280	459	0	739	0	0	0	0	0	426	141	567	17	0	263	280
% App. Total	37.9	62.1	0		0	0	0		0	75.1	24.9		6.1	0	93.9	
PHF	.805	.638	.000	.692	.000	.000	.000	.000	.000	.579	.534	.567	.425	.000	.685	.722

City of Yorba Linda
 N/S: Kellogg Drive
 E/W: Imperial Highway Southbound Ramps
 Weather: Clear

File Name : 07_YLA_Kellogg_Imp SB AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

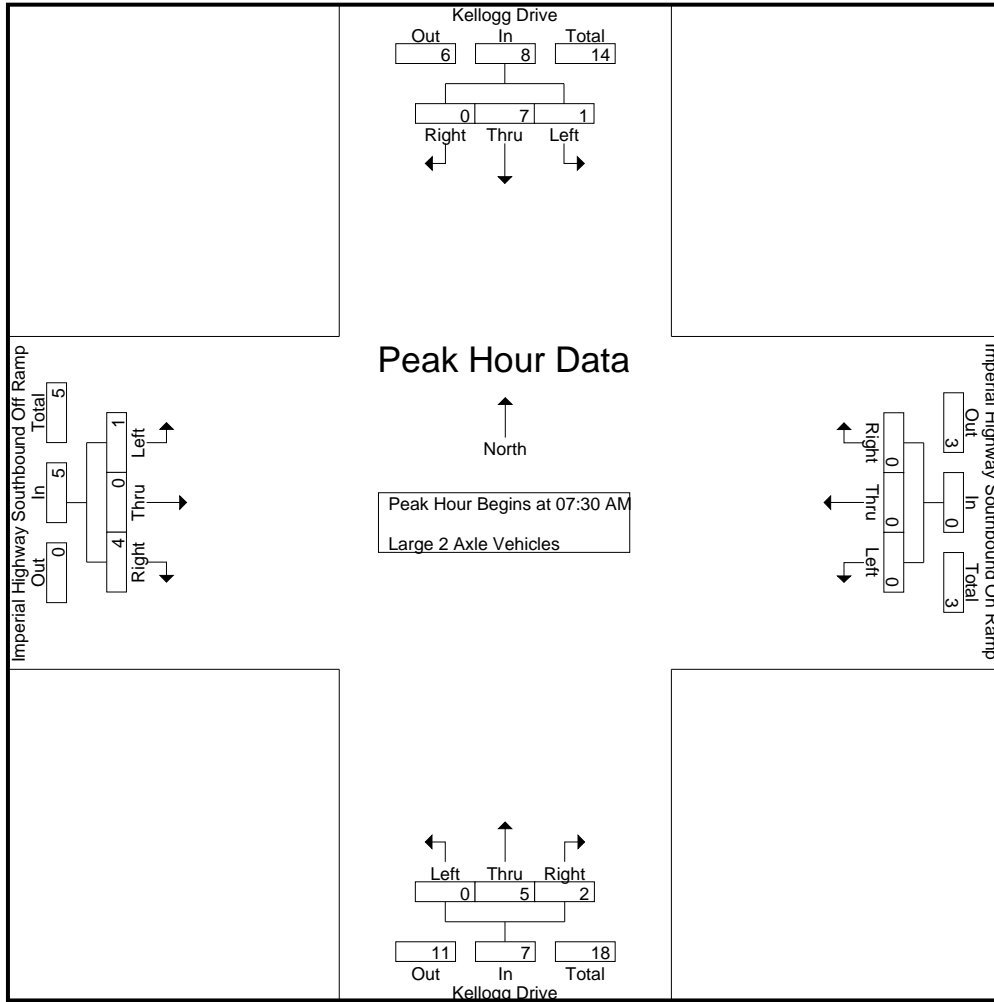
Groups Printed- Large 2 Axle Vehicles

Start Time	Kellogg Drive Southbound				Imperial Highway Southbound On Ramp Westbound				Kellogg Drive Northbound				Imperial Highway Southbound Off Ramp Eastbound				Int. Total	
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total		
07:00 AM	0	2	0	2	0	0	0	0	0	2	0	2	0	0	0	1	1	5
07:15 AM	1	2	0	3	0	0	0	0	0	4	0	4	0	0	1	1	1	8
07:30 AM	0	3	0	3	0	0	0	0	0	1	0	1	0	0	2	2	2	6
07:45 AM	0	1	0	1	0	0	0	0	0	0	1	1	0	0	1	1	1	3
Total	1	8	0	9	0	0	0	0	0	7	1	8	0	0	5	5	5	22
08:00 AM	0	2	0	2	0	0	0	0	0	2	0	2	1	0	1	2	2	6
08:15 AM	1	1	0	2	0	0	0	0	0	2	1	3	0	0	0	0	0	5
08:30 AM	0	1	0	1	0	0	0	0	0	2	1	3	1	0	1	2	2	6
08:45 AM	0	1	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	2
Total	1	5	0	6	0	0	0	0	0	7	2	9	2	0	2	4	4	19
Grand Total	2	13	0	15	0	0	0	0	0	14	3	17	2	0	7	9	9	41
Apprch %	13.3	86.7	0		0	0	0		0	82.4	17.6		22.2	0	77.8			
Total %	4.9	31.7	0	36.6	0	0	0	0	0	34.1	7.3	41.5	4.9	0	17.1	22		

Start Time	Kellogg Drive Southbound				Imperial Highway Southbound On Ramp Westbound				Kellogg Drive Northbound				Imperial Highway Southbound Off Ramp Eastbound				Int. Total	
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total		
07:30 AM	0	3	0	3	0	0	0	0	0	1	0	1	0	0	2	2	2	6
07:45 AM	0	1	0	1	0	0	0	0	0	0	1	1	0	0	1	1	1	3
08:00 AM	0	2	0	2	0	0	0	0	0	2	0	2	1	0	1	2	2	6
08:15 AM	1	1	0	2	0	0	0	0	0	2	1	3	0	0	0	0	0	5
Total Volume	1	7	0	8	0	0	0	0	0	5	2	7	1	0	4	5	5	20
% App. Total	12.5	87.5	0		0	0	0		0	71.4	28.6		20	0	80			
PHF	.250	.583	.000	.667	.000	.000	.000	.000	.000	.625	.500	.583	.250	.000	.500	.625	.833	

City of Yorba Linda
 N/S: Kellogg Drive
 E/W: Imperial Highway Southbound Ramps
 Weather: Clear

File Name : 07_YLA_Kellog_Imp SB AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	07:30 AM				07:30 AM				07:30 AM				07:30 AM			
+0 mins.	0	3	0	3	0	0	0	0	0	1	0	1	0	0	2	2
+15 mins.	0	1	0	1	0	0	0	0	0	0	1	1	0	0	1	1
+30 mins.	0	2	0	2	0	0	0	0	0	2	0	2	1	0	1	2
+45 mins.	1	1	0	2	0	0	0	0	0	2	1	3	0	0	0	0
Total Volume	1	7	0	8	0	0	0	0	0	5	2	7	1	0	4	5
% App. Total	12.5	87.5	0		0	0	0		0	71.4	28.6		20	0	80	
PHF	.250	.583	.000	.667	.000	.000	.000	.000	.000	.625	.500	.583	.250	.000	.500	.625

City of Yorba Linda
 N/S: Kellogg Drive
 E/W: Imperial Highway Southbound Ramps
 Weather: Clear

File Name : 07_YLA_Kellogg_Imp SB AM
 Site Code : 05122223
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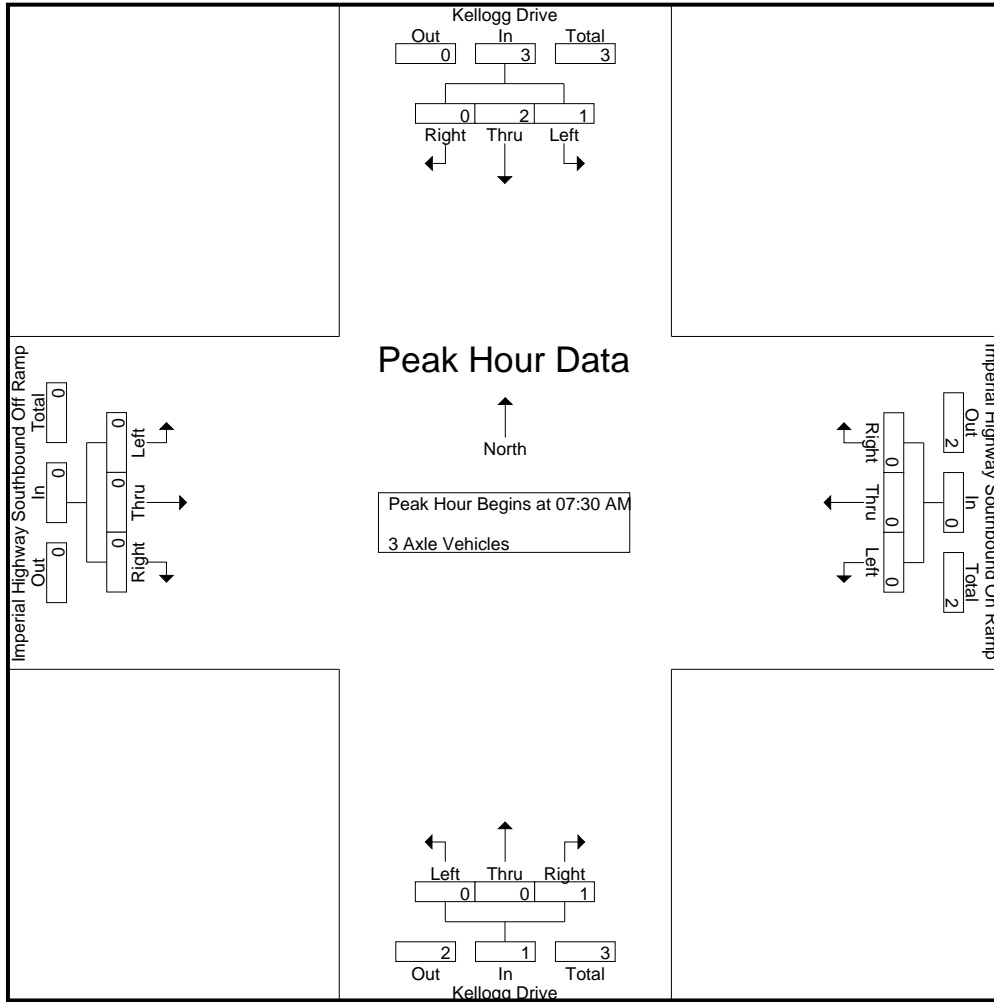
Groups Printed- 3 Axle Vehicles

Start Time	Kellogg Drive Southbound				Imperial Highway Southbound On Ramp Westbound				Kellogg Drive Northbound				Imperial Highway Southbound Off Ramp Eastbound				Int. Total	
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total		
07:00 AM	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
07:15 AM	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	1	0	1	0	0	0	0	0	0	2	0	2	0	0	0	0	3
08:00 AM	1	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	2
08:15 AM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	1	0	2	0	0	0	0	0	0	0	1	1	0	0	0	0	3
Grand Total	1	2	0	3	0	0	0	0	0	2	1	3	3	0	0	0	0	6
Apprch %	33.3	66.7	0		0	0	0		0	66.7	33.3			0	0	0		
Total %	16.7	33.3	0	50	0	0	0	0	0	33.3	16.7	50	50	0	0	0	0	

Start Time	Kellogg Drive Southbound				Imperial Highway Southbound On Ramp Westbound				Kellogg Drive Northbound				Imperial Highway Southbound Off Ramp Eastbound				Int. Total	
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total		
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																		
Peak Hour for Entire Intersection Begins at 07:30 AM																		
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
08:00 AM	1	0	0	1	0	0	0	0	0	0	1	1	1	0	0	0	0	2
08:15 AM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total Volume	1	2	0	3	0	0	0	0	0	0	1	1	1	0	0	0	0	4
% App. Total	33.3	66.7	0		0	0	0		0	0	100			0	0	0		
PHF	.250	.500	.000	.750	.000	.000	.000	.000	.000	.000	.250	.250	.250	.000	.000	.000	.000	.500

City of Yorba Linda
 N/S: Kellogg Drive
 E/W: Imperial Highway Southbound Ramps
 Weather: Clear

File Name : 07_YLA_Kellog_Imp SB AM
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Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	07:30 AM				07:30 AM				07:30 AM				07:30 AM			
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+15 mins.	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
+30 mins.	1	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0
+45 mins.	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	1	2	0	3	0	0	0	0	0	0	1	1	0	0	0	0
% App. Total	33.3	66.7	0		0	0	0		0	0	100		0	0	0	
PHF	.250	.500	.000	.750	.000	.000	.000	.000	.000	.000	.250	.250	.000	.000	.000	.000

City of Yorba Linda
 N/S: Kellogg Drive
 E/W: Imperial Highway Southbound Ramps
 Weather: Clear

File Name : 07_YLA_Kellogg_Imp SB AM
 Site Code : 05122223
 Start Date : 3/15/2022
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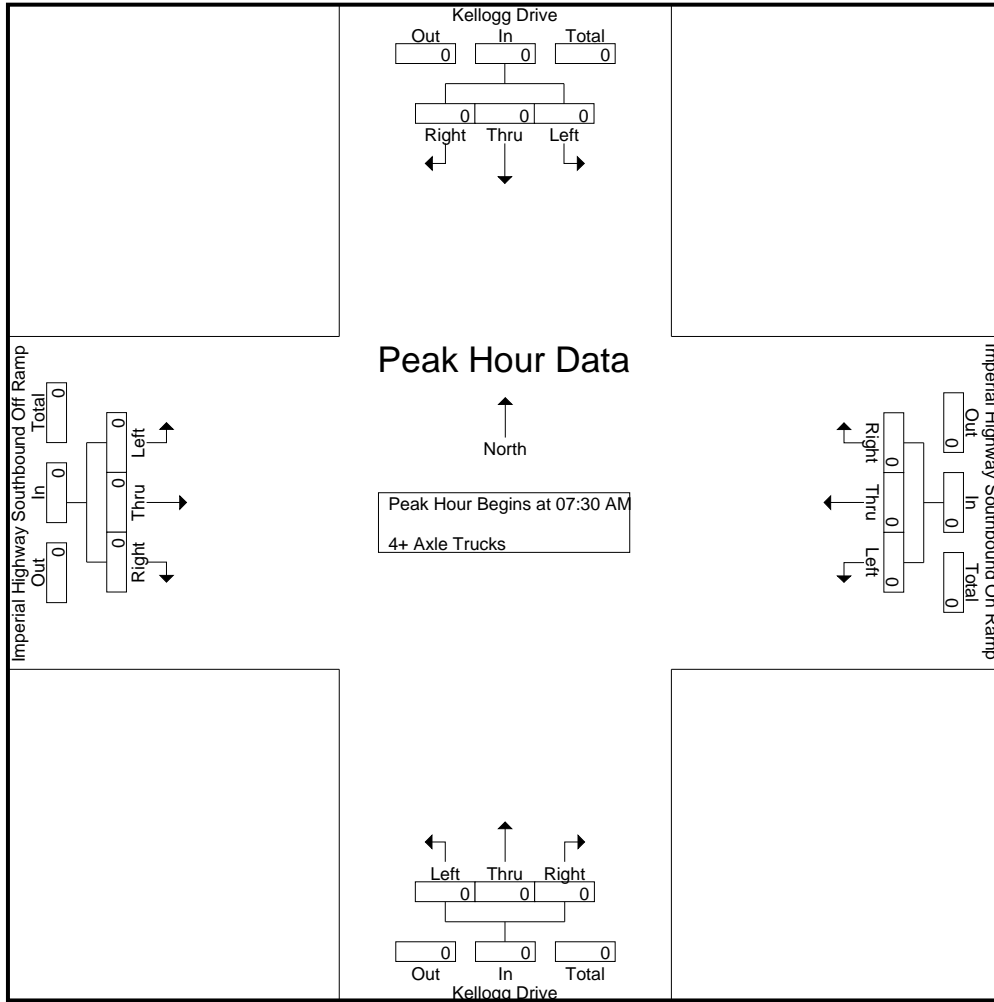
Groups Printed- 4+ Axle Trucks

Start Time	Kellogg Drive Southbound				Imperial Highway Southbound On Ramp Westbound				Kellogg Drive Northbound				Imperial Highway Southbound Off Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45 AM	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Grand Total	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Apprch %	100	0	0		0	0	0		0	0	0		0	0	0		
Total %	100	0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	

Start Time	Kellogg Drive Southbound				Imperial Highway Southbound On Ramp Westbound				Kellogg Drive Northbound				Imperial Highway Southbound Off Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% App. Total	0	0	0		0	0	0		0	0	0		0	0	0		
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

City of Yorba Linda
 N/S: Kellogg Drive
 E/W: Imperial Highway Southbound Ramps
 Weather: Clear

File Name : 07_YLA_Kellog_Imp SB AM
 Site Code : 05122223
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Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	07:30 AM				07:30 AM				07:30 AM				07:30 AM			
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% App. Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

City of Yorba Linda
 N/S: Kellogg Drive
 E/W: Imperial Highway Southbound Ramps
 Weather: Clear

File Name : 07_YLA_Kellogg_Imp SB PM
 Site Code : 05122223
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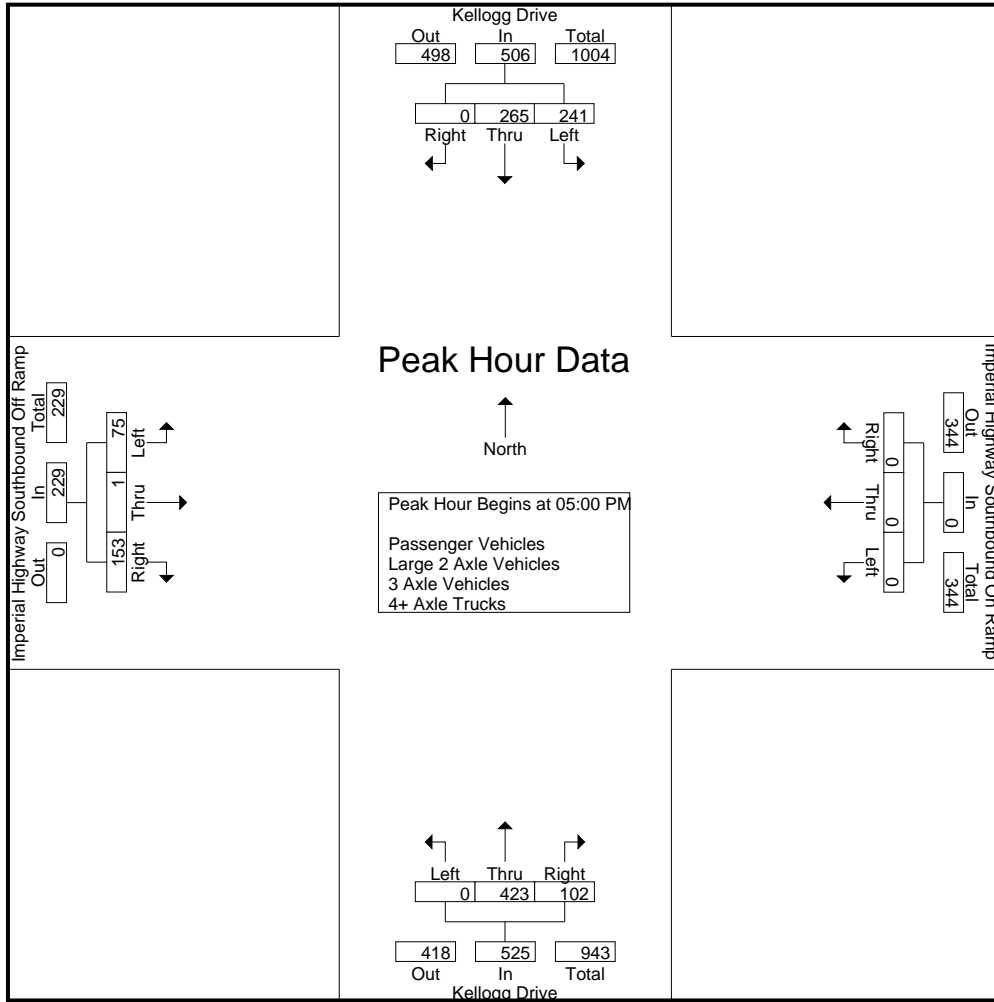
Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

Start Time	Kellogg Drive Southbound				Imperial Highway Southbound On Ramp Westbound				Kellogg Drive Northbound				Imperial Highway Southbound Off Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
04:00 PM	58	55	0	113	0	0	0	0	0	104	37	141	12	1	36	49	303
04:15 PM	58	56	0	114	0	0	0	0	0	97	13	110	18	0	39	57	281
04:30 PM	43	72	0	115	0	0	0	0	0	94	22	116	18	0	36	54	285
04:45 PM	58	82	0	140	0	0	0	0	0	79	11	90	20	0	50	70	300
Total	217	265	0	482	0	0	0	0	0	374	83	457	68	1	161	230	1169
05:00 PM	56	60	0	116	0	0	0	0	0	105	29	134	20	0	38	58	308
05:15 PM	51	65	0	116	0	0	0	0	0	93	23	116	18	1	38	57	289
05:30 PM	76	63	0	139	0	0	0	0	0	128	32	160	18	0	39	57	356
05:45 PM	58	77	0	135	0	0	0	0	0	97	18	115	19	0	38	57	307
Total	241	265	0	506	0	0	0	0	0	423	102	525	75	1	153	229	1260
Grand Total	458	530	0	988	0	0	0	0	0	797	185	982	143	2	314	459	2429
Apprch %	46.4	53.6	0		0	0	0		0	81.2	18.8		31.2	0.4	68.4		
Total %	18.9	21.8	0	40.7	0	0	0	0	0	32.8	7.6	40.4	5.9	0.1	12.9	18.9	
Passenger Vehicles	450	528	0	978	0	0	0	0	0	794	184	978	142	2	312	456	2412
% Passenger Vehicles	98.3	99.6	0	99	0	0	0	0	0	99.6	99.5	99.6	99.3	100	99.4	99.3	99.3
Large 2 Axle Vehicles	7	2	0	9	0	0	0	0	0	3	1	4	1	0	2	3	16
% Large 2 Axle Vehicles	1.5	0.4	0	0.9	0	0	0	0	0	0.4	0.5	0.4	0.7	0	0.6	0.7	0.7
3 Axle Vehicles	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
% 3 Axle Vehicles	0.2	0	0	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0
4+ Axle Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% 4+ Axle Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Start Time	Kellogg Drive Southbound				Imperial Highway Southbound On Ramp Westbound				Kellogg Drive Northbound				Imperial Highway Southbound Off Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	56	60	0	116	0	0	0	0	0	105	29	134	20	0	38	58	308
05:15 PM	51	65	0	116	0	0	0	0	0	93	23	116	18	1	38	57	289
05:30 PM	76	63	0	139	0	0	0	0	0	128	32	160	18	0	39	57	356
05:45 PM	58	77	0	135	0	0	0	0	0	97	18	115	19	0	38	57	307
Total Volume	241	265	0	506	0	0	0	0	0	423	102	525	75	1	153	229	1260
% App. Total	47.6	52.4	0		0	0	0		0	80.6	19.4		32.8	0.4	66.8		
PHF	.793	.860	.000	.910	.000	.000	.000	.000	.000	.826	.797	.820	.938	.250	.981	.987	.885

City of Yorba Linda
 N/S: Kellogg Drive
 E/W: Imperial Highway Southbound Ramps
 Weather: Clear

File Name : 07_YLA_Kellog_Imp SB PM
 Site Code : 05122223
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Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	04:45 PM				04:00 PM				05:00 PM				04:45 PM			
+0 mins.	58	82	0	140	0	0	0	0	0	105	29	134	20	0	50	70
+15 mins.	56	60	0	116	0	0	0	0	0	93	23	116	20	0	38	58
+30 mins.	51	65	0	116	0	0	0	0	0	128	32	160	18	1	38	57
+45 mins.	76	63	0	139	0	0	0	0	0	97	18	115	18	0	39	57
Total Volume	241	270	0	511	0	0	0	0	0	423	102	525	76	1	165	242
% App. Total	47.2	52.8	0		0	0	0		0	80.6	19.4		31.4	0.4	68.2	
PHF	.793	.823	.000	.913	.000	.000	.000	.000	.000	.826	.797	.820	.950	.250	.825	.864

City of Yorba Linda
 N/S: Kellogg Drive
 E/W: Imperial Highway Southbound Ramps
 Weather: Clear

File Name : 07_YLA_Kellogg_Imp SB PM
 Site Code : 05122223
 Start Date : 3/15/2022
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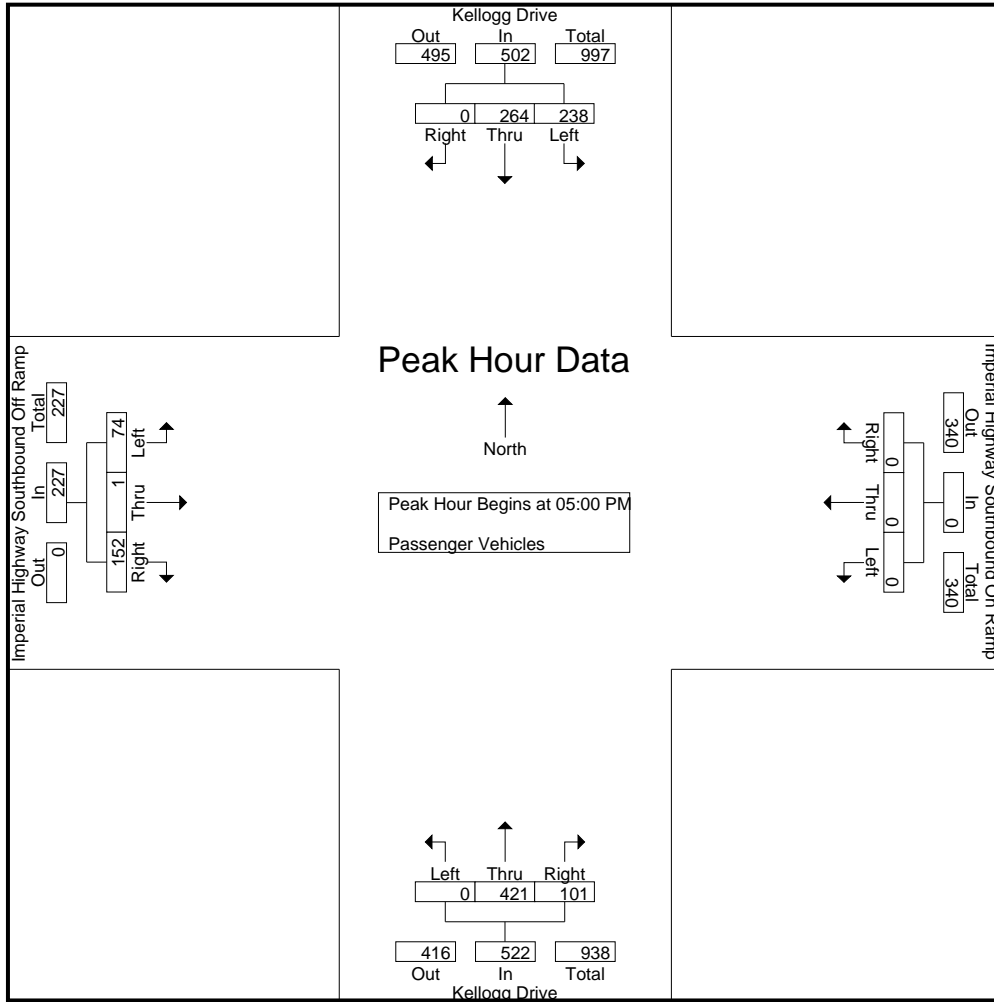
Groups Printed- Passenger Vehicles

Start Time	Kellogg Drive Southbound				Imperial Highway Southbound On Ramp Westbound				Kellogg Drive Northbound				Imperial Highway Southbound Off Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
04:00 PM	57	55	0	112	0	0	0	0	0	103	37	140	12	1	35	48	300
04:15 PM	56	55	0	111	0	0	0	0	0	97	13	110	18	0	39	57	278
04:30 PM	43	72	0	115	0	0	0	0	0	94	22	116	18	0	36	54	285
04:45 PM	56	82	0	138	0	0	0	0	0	79	11	90	20	0	50	70	298
Total	212	264	0	476	0	0	0	0	0	373	83	456	68	1	160	229	1161
05:00 PM	55	60	0	115	0	0	0	0	0	105	29	134	20	0	37	57	306
05:15 PM	51	65	0	116	0	0	0	0	0	91	23	114	18	1	38	57	287
05:30 PM	75	62	0	137	0	0	0	0	0	128	31	159	17	0	39	56	352
05:45 PM	57	77	0	134	0	0	0	0	0	97	18	115	19	0	38	57	306
Total	238	264	0	502	0	0	0	0	0	421	101	522	74	1	152	227	1251
Grand Total	450	528	0	978	0	0	0	0	0	794	184	978	142	2	312	456	2412
Apprch %	46	54	0		0	0	0		0	81.2	18.8		31.1	0.4	68.4		
Total %	18.7	21.9	0	40.5	0	0	0	0	0	32.9	7.6	40.5	5.9	0.1	12.9	18.9	

Start Time	Kellogg Drive Southbound				Imperial Highway Southbound On Ramp Westbound				Kellogg Drive Northbound				Imperial Highway Southbound Off Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	55	60	0	115	0	0	0	0	0	105	29	134	20	0	37	57	306
05:15 PM	51	65	0	116	0	0	0	0	0	91	23	114	18	1	38	57	287
05:30 PM	75	62	0	137	0	0	0	0	0	128	31	159	17	0	39	56	352
05:45 PM	57	77	0	134	0	0	0	0	0	97	18	115	19	0	38	57	306
Total Volume	238	264	0	502	0	0	0	0	0	421	101	522	74	1	152	227	1251
% App. Total	47.4	52.6	0		0	0	0		0	80.7	19.3		32.6	0.4	67		
PHF	.793	.857	.000	.916	.000	.000	.000	.000	.000	.822	.815	.821	.925	.250	.974	.996	.888

City of Yorba Linda
 N/S: Kellogg Drive
 E/W: Imperial Highway Southbound Ramps
 Weather: Clear

File Name : 07_YLA_Kellog_Imp SB PM
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Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	05:00 PM				05:00 PM				05:00 PM				05:00 PM			
+0 mins.	55	60	0	115	0	0	0	0	0	105	29	134	20	0	37	57
+15 mins.	51	65	0	116	0	0	0	0	0	91	23	114	18	1	38	57
+30 mins.	75	62	0	137	0	0	0	0	0	128	31	159	17	0	39	56
+45 mins.	57	77	0	134	0	0	0	0	0	97	18	115	19	0	38	57
Total Volume	238	264	0	502	0	0	0	0	0	421	101	522	74	1	152	227
% App. Total	47.4	52.6	0		0	0	0		0	80.7	19.3		32.6	0.4	67	
PHF	.793	.857	.000	.916	.000	.000	.000	.000	.000	.822	.815	.821	.925	.250	.974	.996

City of Yorba Linda
 N/S: Kellogg Drive
 E/W: Imperial Highway Southbound Ramps
 Weather: Clear

File Name : 07_YLA_Kellogg_Imp SB PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

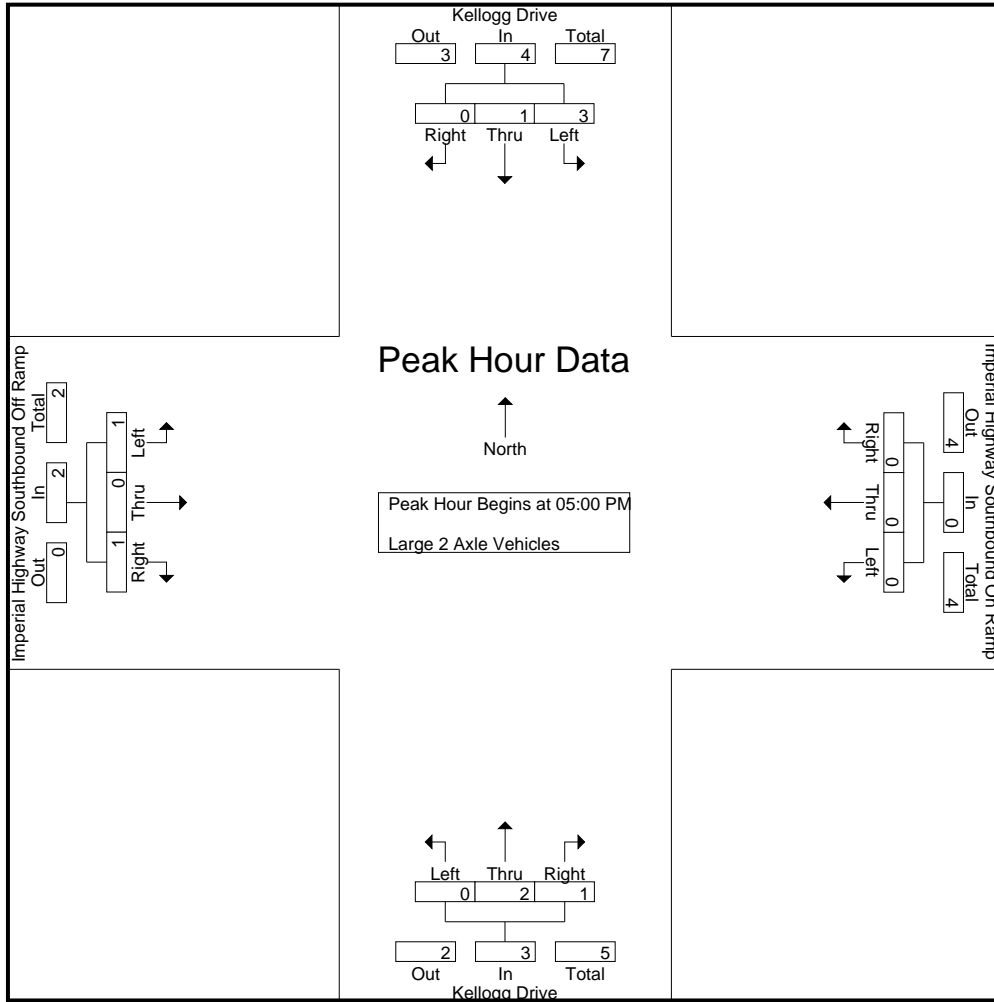
Groups Printed- Large 2 Axle Vehicles

Start Time	Kellogg Drive Southbound				Imperial Highway Southbound On Ramp Westbound				Kellogg Drive Northbound				Imperial Highway Southbound Off Ramp Eastbound				Int. Total	
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total		
04:00 PM	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	1	2
04:15 PM	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Total	4	1	0	5	0	0	0	0	0	0	1	0	1	0	1	1	1	7
05:00 PM	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	2
05:15 PM	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	2
05:30 PM	1	1	0	2	0	0	0	0	0	0	0	1	1	1	0	0	1	4
05:45 PM	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	3	1	0	4	0	0	0	0	0	0	2	1	3	1	0	1	2	9
Grand Total	7	2	0	9	0	0	0	0	0	0	3	1	4	1	0	2	3	16
Apprch %	77.8	22.2	0		0	0	0		0	75	25			33.3	0	66.7		
Total %	43.8	12.5	0	56.2	0	0	0	0	0	18.8	6.2	25		6.2	0	12.5	18.8	

Start Time	Kellogg Drive Southbound				Imperial Highway Southbound On Ramp Westbound				Kellogg Drive Northbound				Imperial Highway Southbound Off Ramp Eastbound				Int. Total	
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total		
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																		
Peak Hour for Entire Intersection Begins at 05:00 PM																		
05:00 PM	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	2
05:15 PM	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	2
05:30 PM	1	1	0	2	0	0	0	0	0	0	0	1	1	1	0	0	1	4
05:45 PM	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total Volume	3	1	0	4	0	0	0	0	0	0	2	1	3	1	0	1	2	9
% App. Total	75	25	0		0	0	0		0	66.7	33.3			50	0	50		
PHF	.750	.250	.000	.500	.000	.000	.000	.000	.000	.000	.250	.250	.375	.250	.000	.250	.500	.563

City of Yorba Linda
 N/S: Kellogg Drive
 E/W: Imperial Highway Southbound Ramps
 Weather: Clear

File Name : 07_YLA_Kellog_Imp SB PM
 Site Code : 05122223
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Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	05:00 PM				05:00 PM				05:00 PM				05:00 PM			
+0 mins.	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
+15 mins.	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0
+30 mins.	1	1	0	2	0	0	0	0	0	0	1	1	1	0	0	1
+45 mins.	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	3	1	0	4	0	0	0	0	0	2	1	3	1	0	1	2
% App. Total	75	25	0		0	0	0		0	66.7	33.3		50	0	50	
PHF	.750	.250	.000	.500	.000	.000	.000	.000	.000	.250	.250	.375	.250	.000	.250	.500

City of Yorba Linda
 N/S: Kellogg Drive
 E/W: Imperial Highway Southbound Ramps
 Weather: Clear

File Name : 07_YLA_Kellogg_Imp SB PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

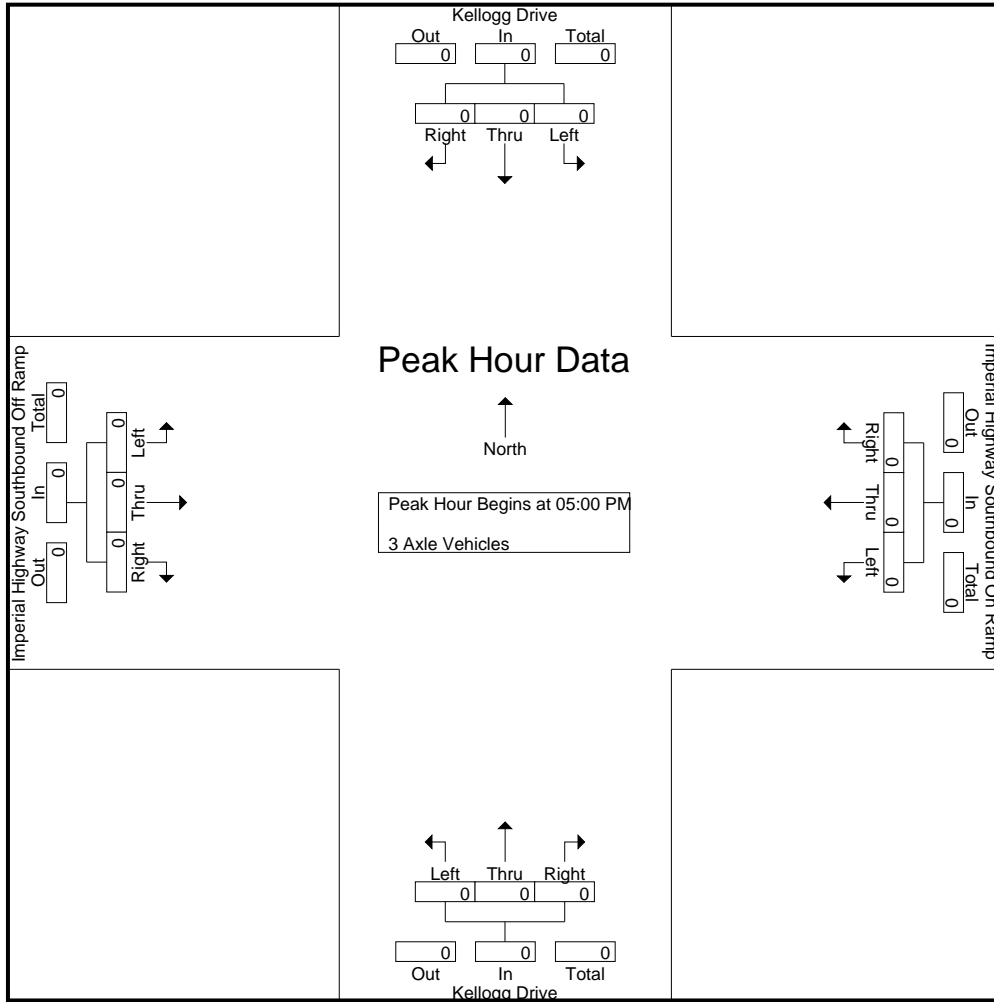
Groups Printed- 3 Axle Vehicles

Start Time	Kellogg Drive Southbound				Imperial Highway Southbound On Ramp Westbound				Kellogg Drive Northbound				Imperial Highway Southbound Off Ramp Eastbound				Int. Total	
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total		
04:00 PM	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Apprch %	100	0	0		0	0	0		0	0	0		0	0	0			
Total %	100	0	0	100	0	0	0		0	0	0		0	0	0			

Start Time	Kellogg Drive Southbound				Imperial Highway Southbound On Ramp Westbound				Kellogg Drive Northbound				Imperial Highway Southbound Off Ramp Eastbound				Int. Total	
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total		
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																		
Peak Hour for Entire Intersection Begins at 05:00 PM																		
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% App. Total	0	0	0		0	0	0		0	0	0		0	0	0			
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

City of Yorba Linda
 N/S: Kellogg Drive
 E/W: Imperial Highway Southbound Ramps
 Weather: Clear

File Name : 07_YLA_Kellog_Imp SB PM
 Site Code : 05122223
 Start Date : 3/15/2022
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Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	05:00 PM				05:00 PM				05:00 PM				05:00 PM			
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% App. Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

City of Yorba Linda
 N/S: Kellogg Drive
 E/W: Imperial Highway Southbound Ramps
 Weather: Clear

File Name : 07_YLA_Kellogg_Imp SB PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

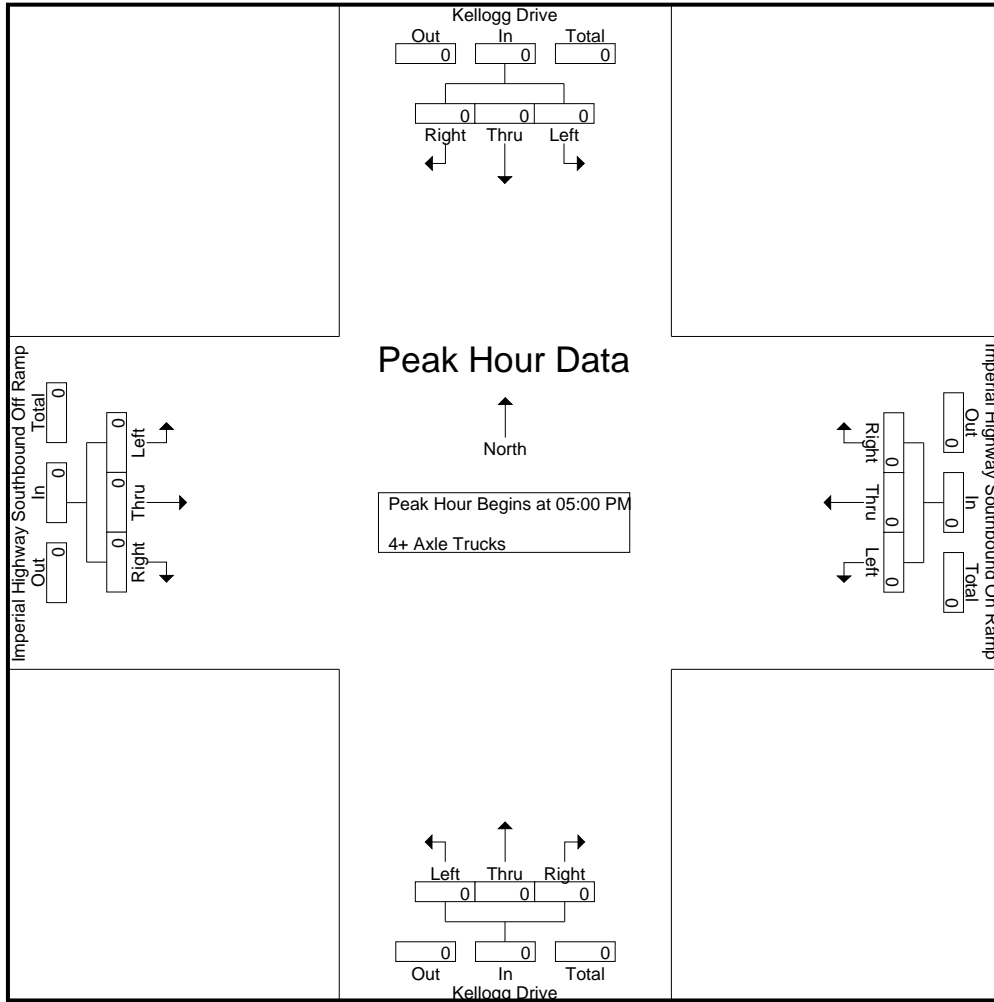
Groups Printed- 4+ Axle Trucks

Start Time	Kellogg Drive Southbound				Imperial Highway Southbound On Ramp Westbound				Kellogg Drive Northbound				Imperial Highway Southbound Off Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Apprch %	0	0	0		0	0	0		0	0	0		0	0	0		
Total %																	

Start Time	Kellogg Drive Southbound				Imperial Highway Southbound On Ramp Westbound				Kellogg Drive Northbound				Imperial Highway Southbound Off Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% App. Total	0	0	0		0	0	0		0	0	0		0	0	0		
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

City of Yorba Linda
 N/S: Kellogg Drive
 E/W: Imperial Highway Southbound Ramps
 Weather: Clear

File Name : 07_YLA_Kellog_Imp SB PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	05:00 PM				05:00 PM				05:00 PM				05:00 PM			
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% App. Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

Location: Yorba Linda
 N/S: Kellogg Drive
 E/W: Imperial Hwy SB Ramps



Date: 3/15/2022
 Day: Tuesday

PEDESTRIANS

	North Leg Kellogg Drive	East Leg Imperial Hwy SB Ramps	South Leg Kellogg Drive	West Leg Imperial Hwy SB Ramps	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	0	1	0	0	1
7:45 AM	0	2	0	1	3
8:00 AM	0	0	0	0	0
8:15 AM	0	0	0	0	0
8:30 AM	0	0	0	0	0
8:45 AM	0	0	0	0	0
TOTAL VOLUMES:	0	3	0	1	4

	North Leg Kellogg Drive	East Leg Imperial Hwy SB Ramps	South Leg Kellogg Drive	West Leg Imperial Hwy SB Ramps	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	0	0	0
4:15 PM	0	5	0	0	5
4:30 PM	0	1	0	0	1
4:45 PM	0	0	0	0	0
5:00 PM	0	5	0	0	5
5:15 PM	0	2	0	0	2
5:30 PM	0	1	1	5	7
5:45 PM	0	3	0	1	4
TOTAL VOLUMES:	0	17	1	6	24

Location: Yorba Linda
 N/S: Kellogg Drive
 E/W: Imperial Hwy SB Ramps



Date: 3/15/2022
 Day: Tuesday

BICYCLES

	Southbound Kellogg Drive			Westbound Imperial Hwy SB Ramps			Northbound Kellogg Drive			Eastbound Imperial Hwy SB Ramps			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	2	0	0	0	0	0	1	0	0	0	0	3
7:45 AM	0	2	0	0	0	0	0	1	0	0	0	0	3
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
TOTAL VOLUMES:	0	4	0	0	0	0	0	3	0	0	0	0	7

	Southbound Kellogg Drive			Westbound Imperial Hwy SB Ramps			Northbound Kellogg Drive			Eastbound Imperial Hwy SB Ramps			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	1	0	0	0	0	0	2	0	0	0	0	3
4:15 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	1	0	0	0	0	0	1	0	0	0	0	2
5:45 PM	0	2	0	0	0	0	0	1	0	0	0	0	3
TOTAL VOLUMES:	0	5	0	0	0	0	0	5	0	0	0	0	10

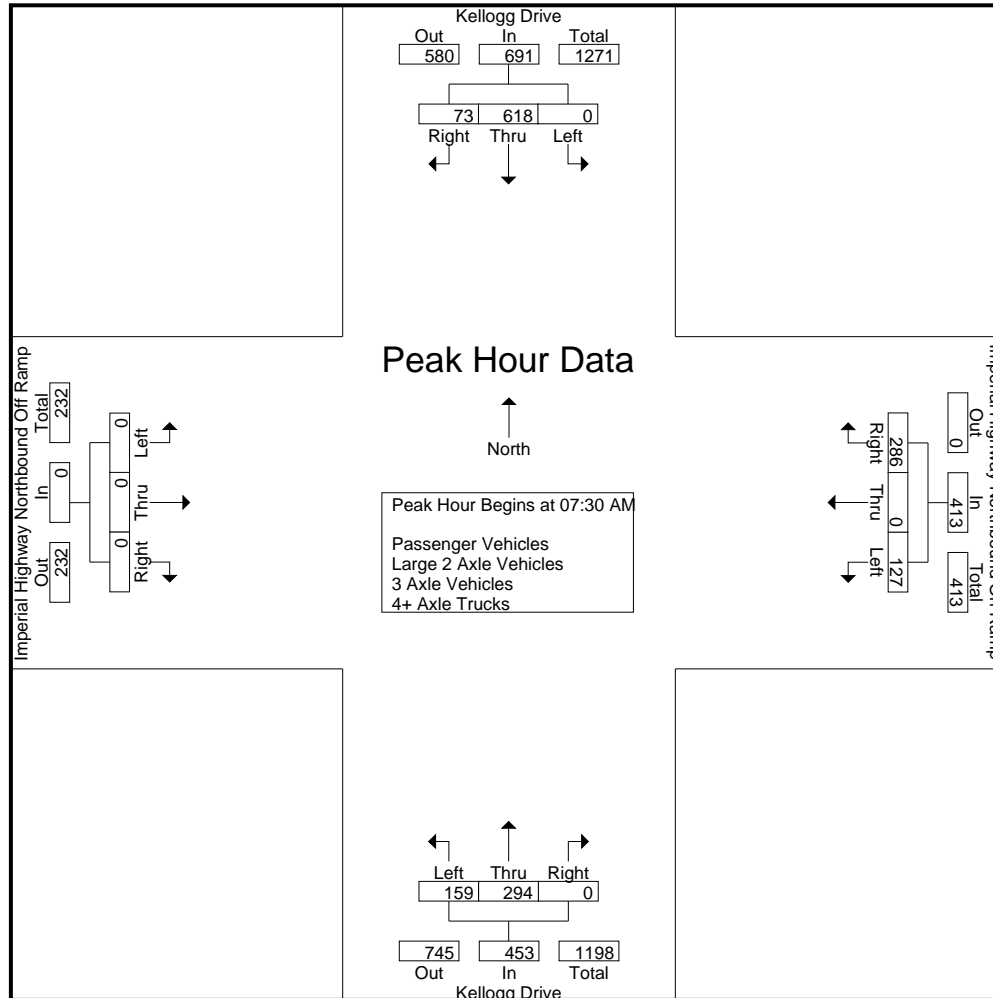
City of Yorba Linda
 N/S: Kellogg Drive
 E/W: Imperial Highway Northbound Ramps
 Weather: Clear

File Name : 08_YLA_Kellogg_Imp NB AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

Start Time	Kellogg Drive Southbound					Imperial Highway Northbound On Ramp Westbound					Kellogg Drive Northbound					Imperial Highway Northbound Off Ramp Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	0	83	14	2	97	15	1	33	27	49	22	11	0	0	33	0	0	0	0	0	29	179	208
07:15 AM	0	116	14	0	130	11	0	69	60	80	24	25	0	0	49	0	0	0	0	0	60	259	319
07:30 AM	0	181	26	1	207	37	0	81	56	118	49	68	0	0	117	0	0	0	0	0	57	442	499
07:45 AM	0	191	10	3	201	73	0	68	34	141	66	113	0	0	179	0	0	0	0	0	37	521	558
Total	0	571	64	6	635	136	1	251	177	388	161	217	0	0	378	0	0	0	0	0	183	1401	1584
08:00 AM	0	118	16	0	134	11	0	60	38	71	24	53	0	0	77	0	0	0	0	0	38	282	320
08:15 AM	0	128	21	2	149	6	0	77	76	83	20	60	0	0	80	0	0	0	0	0	78	312	390
08:30 AM	0	123	14	0	137	9	0	67	61	76	27	33	0	0	60	0	0	0	0	0	61	273	334
08:45 AM	0	76	11	0	87	10	0	62	58	72	21	26	0	0	47	0	0	0	0	0	58	206	264
Total	0	445	62	2	507	36	0	266	233	302	92	172	0	0	264	0	0	0	0	0	235	1073	1308
Grand Total	0	1016	126	8	1142	172	1	517	410	690	253	389	0	0	642	0	0	0	0	0	418	2474	2892
Apprch %	0	89	11			24.9	0.1	74.9			39.4	60.6	0			0	0	0					
Total %	0	41.1	5.1		46.2	7	0	20.9		27.9	10.2	15.7	0		25.9	0	0	0		0	14.5	85.5	
Passenger Vehicles	0	1002	126		1136	167	1	488		1046	245	379	0		624	0	0	0		0	0	0	2806
% Passenger Vehicles	0	98.6	100	100	98.8	97.1	100	94.4	95.1	95.1	96.8	97.4	0	0	97.2	0	0	0	0	0	0	0	97
Large 2 Axle Vehicles	0	11	0		11	4	0	23		42	7	8	0		15	0	0	0		0	0	0	68
% Large 2 Axle Vehicles	0	1.1	0	0	1	2.3	0	4.4	3.7	3.8	2.8	2.1	0	0	2.3	0	0	0	0	0	0	0	2.4
3 Axle Vehicles	0	2	0		2	1	0	5		10	1	2	0		3	0	0	0		0	0	0	15
% 3 Axle Vehicles	0	0.2	0	0	0.2	0.6	0	1	1	0.9	0.4	0.5	0	0	0.5	0	0	0	0	0	0	0	0.5
4+ Axle Trucks	0	1	0		1	0	0	1		2	0	0	0		0	0	0	0		0	0	0	3
% 4+ Axle Trucks	0	0.1	0	0	0.1	0	0	0.2	0.2	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0.1

Start Time	Kellogg Drive Southbound				Imperial Highway Northbound On Ramp Westbound				Kellogg Drive Northbound				Imperial Highway Northbound Off Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	181	26	207	37	0	81	118	49	68	0	117	0	0	0	0	442
07:45 AM	0	191	10	201	73	0	68	141	66	113	0	179	0	0	0	0	521
08:00 AM	0	118	16	134	11	0	60	71	24	53	0	77	0	0	0	0	282
08:15 AM	0	128	21	149	6	0	77	83	20	60	0	80	0	0	0	0	312
Total Volume	0	618	73	691	127	0	286	413	159	294	0	453	0	0	0	0	1557
% App. Total	0	89.4	10.6		30.8	0	69.2		35.1	64.9	0		0	0	0		
PHF	.000	.809	.702	.835	.435	.000	.883	.732	.602	.650	.000	.633	.000	.000	.000	.000	.747



City of Yorba Linda
 N/S: Kellogg Drive
 E/W: Imperial Highway Northbound Ramps
 Weather: Clear

File Name : 08_YLA_Kellog_Imp NB AM
 Site Code : 05122223
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 Page No : 3

Start Time	Kellogg Drive Southbound				Imperial Highway Northbound On Ramp Westbound				Kellogg Drive Northbound				Imperial Highway Northbound Off Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:30 AM				07:30 AM				07:30 AM				07:00 AM				
+0 mins.	0	181	26	207	37	0	81	118	49	68	0	117	0	0	0	0	
+15 mins.	0	191	10	201	73	0	68	141	66	113	0	179	0	0	0	0	
+30 mins.	0	118	16	134	11	0	60	71	24	53	0	77	0	0	0	0	
+45 mins.	0	128	21	149	6	0	77	83	20	60	0	80	0	0	0	0	
Total Volume	0	618	73	691	127	0	286	413	159	294	0	453	0	0	0	0	
% App. Total	0	89.4	10.6		30.8	0	69.2		35.1	64.9	0		0	0	0		
PHF	.000	.809	.702	.835	.435	.000	.883	.732	.602	.650	.000	.633	.000	.000	.000	.000	

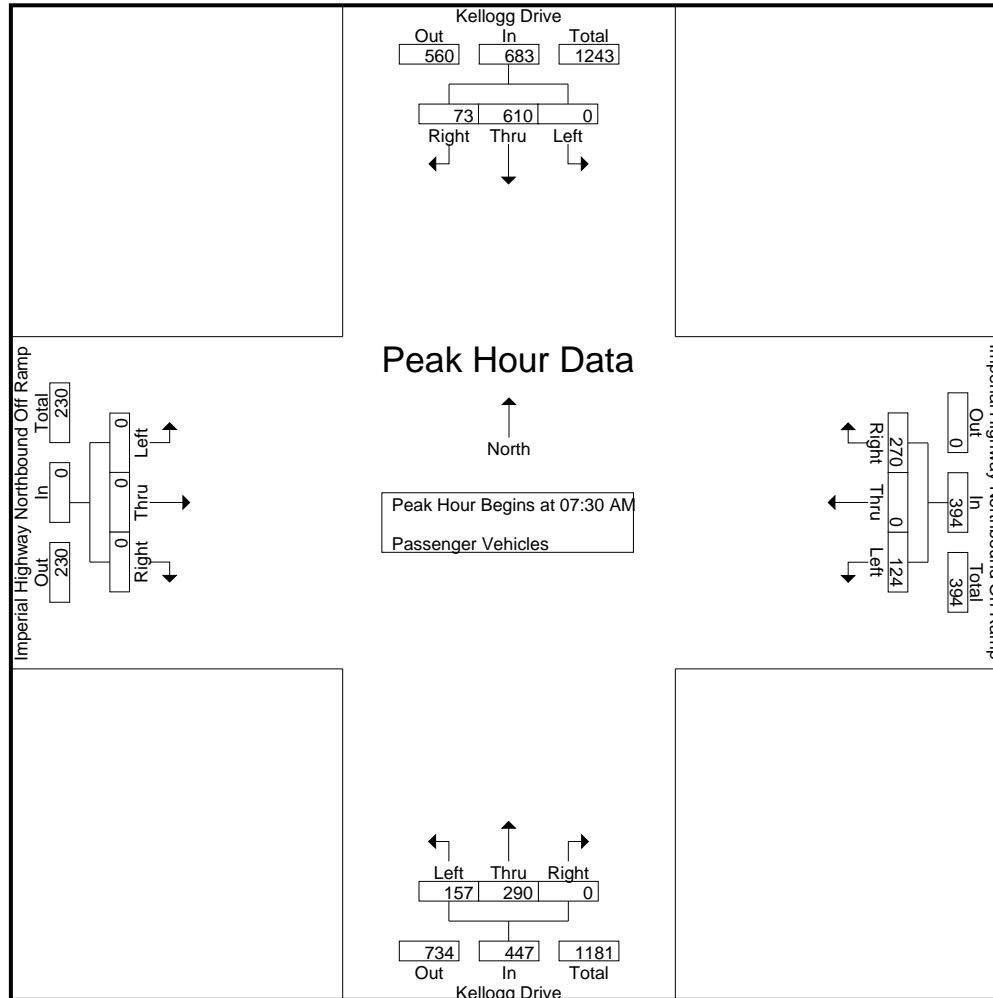
City of Yorba Linda
 N/S: Kellogg Drive
 E/W: Imperial Highway Northbound Ramps
 Weather: Clear

File Name : 08_YLA_Kellogg_Imp NB AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

Groups Printed- Passenger Vehicles

Start Time	Kellogg Drive Southbound					Imperial Highway Northbound On Ramp Westbound					Kellogg Drive Northbound					Imperial Highway Northbound Off Ramp Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	0	81	14	2	95	15	1	29	24	45	21	9	0	0	30	0	0	0	0	0	26	170	196
07:15 AM	0	114	14	0	128	10	0	67	58	77	21	23	0	0	44	0	0	0	0	0	58	249	307
07:30 AM	0	178	26	1	204	37	0	75	53	112	49	67	0	0	116	0	0	0	0	0	54	432	486
07:45 AM	0	191	10	3	201	71	0	66	33	137	66	113	0	0	179	0	0	0	0	0	36	517	553
Total	0	564	64	6	628	133	1	237	168	371	157	212	0	0	369	0	0	0	0	0	174	1368	1542
08:00 AM	0	116	16	0	132	10	0	55	36	65	24	51	0	0	75	0	0	0	0	0	36	272	308
08:15 AM	0	125	21	2	146	6	0	74	73	80	18	59	0	0	77	0	0	0	0	0	75	303	378
08:30 AM	0	123	14	0	137	8	0	63	58	71	27	32	0	0	59	0	0	0	0	0	58	267	325
08:45 AM	0	74	11	0	85	10	0	59	55	69	19	25	0	0	44	0	0	0	0	0	55	198	253
Total	0	438	62	2	500	34	0	251	222	285	88	167	0	0	255	0	0	0	0	0	224	1040	1264
Grand Total	0	1002	126	8	1128	167	1	488	390	656	245	379	0	0	624	0	0	0	0	0	398	2408	2806
Apprch %	0	88.8	11.2			25.5	0.2	74.4			39.3	60.7	0			0	0	0					
Total %	0	41.6	5.2		46.8	6.9	0	20.3		27.2	10.2	15.7	0		25.9	0	0	0			14.2	85.8	

Start Time	Kellogg Drive Southbound				Imperial Highway Northbound On Ramp Westbound				Kellogg Drive Northbound				Imperial Highway Northbound Off Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	178	26	204	37	0	75	112	49	67	0	116	0	0	0	0	432
07:45 AM	0	191	10	201	71	0	66	137	66	113	0	179	0	0	0	0	517
08:00 AM	0	116	16	132	10	0	55	65	24	51	0	75	0	0	0	0	272
08:15 AM	0	125	21	146	6	0	74	80	18	59	0	77	0	0	0	0	303
Total Volume	0	610	73	683	124	0	270	394	157	290	0	447	0	0	0	0	1524
% App. Total	0	89.3	10.7		31.5	0	68.5		35.1	64.9	0		0	0	0		
PHF	.000	.798	.702	.837	.437	.000	.900	.719	.595	.642	.000	.624	.000	.000	.000	.000	.737



City of Yorba Linda
 N/S: Kellogg Drive
 E/W: Imperial Highway Northbound Ramps
 Weather: Clear

File Name : 08_YLA_Kellog_Imp NB AM
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 Page No : 3

Start Time	Kellogg Drive Southbound				Imperial Highway Northbound On Ramp Westbound				Kellogg Drive Northbound				Imperial Highway Northbound Off Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:30 AM				07:30 AM				07:30 AM				07:30 AM				
+0 mins.	0	178	26	204	37	0	75	112	49	67	0	116	0	0	0	0	
+15 mins.	0	191	10	201	71	0	66	137	66	113	0	179	0	0	0	0	
+30 mins.	0	116	16	132	10	0	55	65	24	51	0	75	0	0	0	0	
+45 mins.	0	125	21	146	6	0	74	80	18	59	0	77	0	0	0	0	
Total Volume	0	610	73	683	124	0	270	394	157	290	0	447	0	0	0	0	
% App. Total	0	89.3	10.7		31.5	0	68.5		35.1	64.9	0		0	0	0		
PHF	.000	.798	.702	.837	.437	.000	.900	.719	.595	.642	.000	.624	.000	.000	.000	.000	

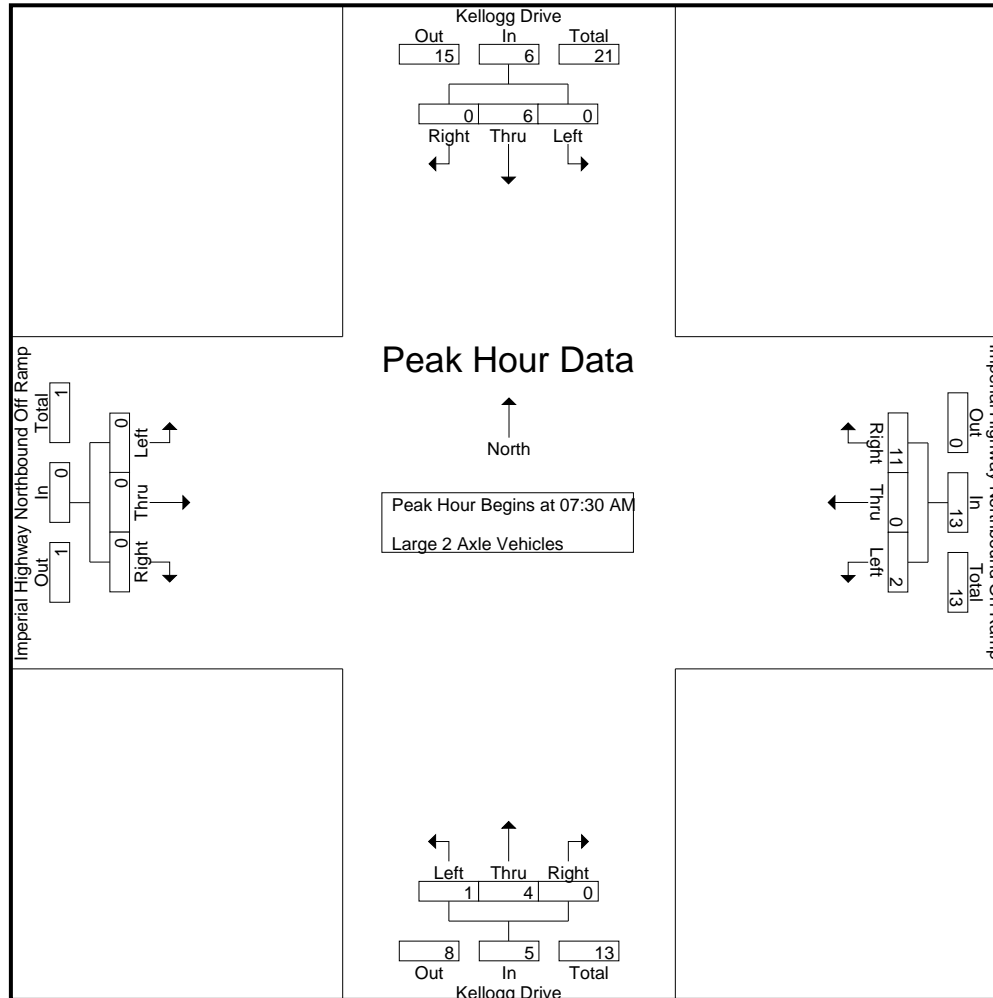
City of Yorba Linda
 N/S: Kellogg Drive
 E/W: Imperial Highway Northbound Ramps
 Weather: Clear

File Name : 08_YLA_Kellogg_Imp NB AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

Groups Printed- Large 2 Axle Vehicles

Start Time	Kellogg Drive Southbound					Imperial Highway Northbound On Ramp Westbound					Kellogg Drive Northbound					Imperial Highway Northbound Off Ramp Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	0	2	0	0	2	0	0	3	2	3	1	1	0	0	2	0	0	0	0	0	2	7	9
07:15 AM	0	2	0	0	2	1	0	2	2	3	3	1	0	0	4	0	0	0	0	0	2	9	11
07:30 AM	0	3	0	0	3	0	0	3	0	3	0	1	0	0	1	0	0	0	0	0	0	7	7
07:45 AM	0	0	0	0	0	1	0	1	1	2	0	0	0	0	0	0	0	0	0	0	1	2	3
Total	0	7	0	0	7	2	0	9	5	11	4	3	0	0	7	0	0	0	0	0	5	25	30
08:00 AM	0	1	0	0	1	1	0	4	1	5	0	2	0	0	2	0	0	0	0	0	1	8	9
08:15 AM	0	2	0	0	2	0	0	3	3	3	1	1	0	0	2	0	0	0	0	0	3	7	10
08:30 AM	0	0	0	0	0	1	0	4	3	5	0	1	0	0	1	0	0	0	0	0	3	6	9
08:45 AM	0	1	0	0	1	0	0	3	3	3	2	1	0	0	3	0	0	0	0	0	3	7	10
Total	0	4	0	0	4	2	0	14	10	16	3	5	0	0	8	0	0	0	0	0	10	28	38
Grand Total	0	11	0	0	11	4	0	23	15	27	7	8	0	0	15	0	0	0	0	0	15	53	68
Apprch %	0	100	0			14.8	0	85.2			46.7	53.3	0			0	0	0					
Total %	0	20.8	0		20.8	7.5	0	43.4		50.9	13.2	15.1	0		28.3	0	0	0		0	22.1	77.9	

Start Time	Kellogg Drive Southbound				Imperial Highway Northbound On Ramp Westbound				Kellogg Drive Northbound				Imperial Highway Northbound Off Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	3	0	3	0	0	3	3	0	1	0	1	0	0	0	0	7
07:45 AM	0	0	0	0	1	0	1	2	0	0	0	0	0	0	0	0	2
08:00 AM	0	1	0	1	1	0	4	5	0	2	0	2	0	0	0	0	8
08:15 AM	0	2	0	2	0	0	3	3	1	1	0	2	0	0	0	0	7
Total Volume	0	6	0	6	2	0	11	13	1	4	0	5	0	0	0	0	24
% App. Total	0	100	0		15.4	0	84.6		20	80	0		0	0	0		
PHF	.000	.500	.000	.500	.500	.000	.688	.650	.250	.500	.000	.625	.000	.000	.000	.000	.750



City of Yorba Linda
 N/S: Kellogg Drive
 E/W: Imperial Highway Northbound Ramps
 Weather: Clear

File Name : 08_YLA_Kellog_Imp NB AM
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Start Time	Kellogg Drive Southbound				Imperial Highway Northbound On Ramp Westbound				Kellogg Drive Northbound				Imperial Highway Northbound Off Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:30 AM				07:30 AM				07:30 AM				07:30 AM				
+0 mins.	0	3	0	3	0	0	3	3	0	1	0	1	0	0	0	0	
+15 mins.	0	0	0	0	1	0	1	2	0	0	0	0	0	0	0	0	
+30 mins.	0	1	0	1	1	0	4	5	0	2	0	2	0	0	0	0	
+45 mins.	0	2	0	2	0	0	3	3	1	1	0	2	0	0	0	0	
Total Volume	0	6	0	6	2	0	11	13	1	4	0	5	0	0	0	0	
% App. Total	0	100	0		15.4	0	84.6		20	80	0		0	0	0		
PHF	.000	.500	.000	.500	.500	.000	.688	.650	.250	.500	.000	.625	.000	.000	.000	.000	

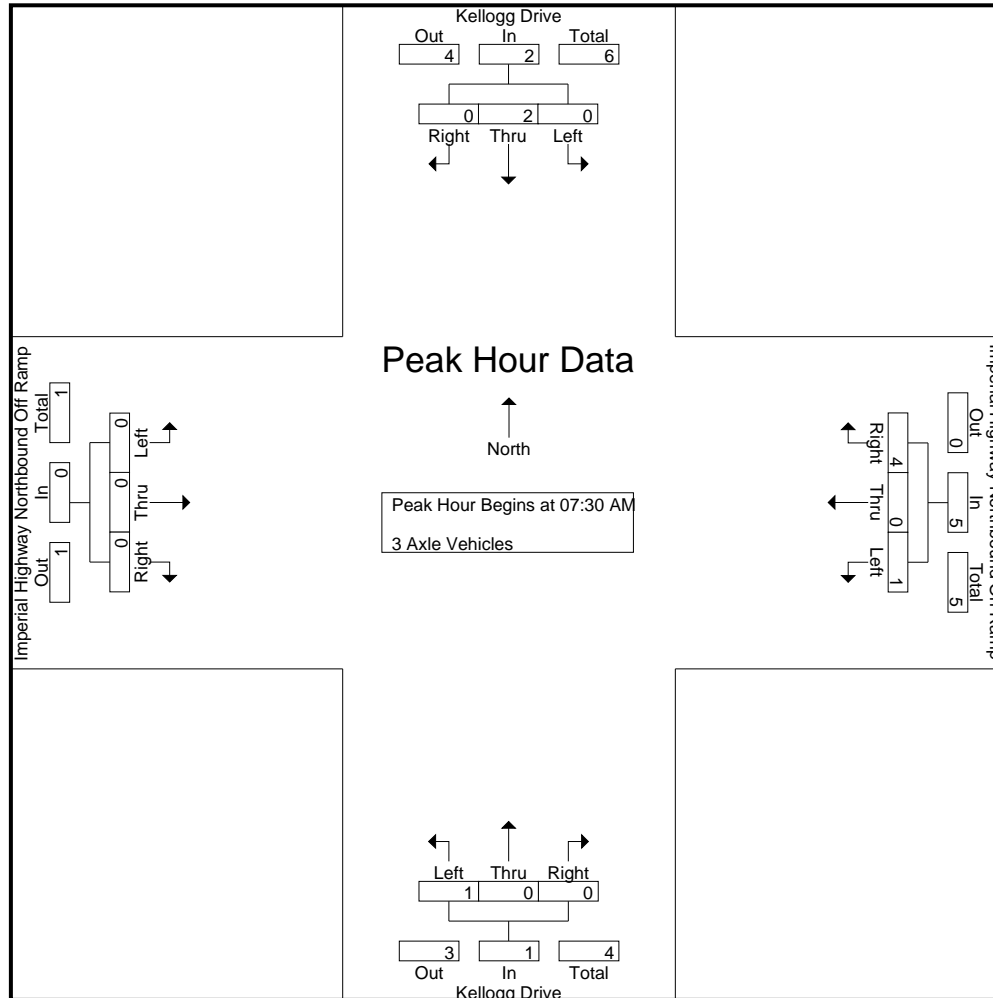
City of Yorba Linda
 N/S: Kellogg Drive
 E/W: Imperial Highway Northbound Ramps
 Weather: Clear

File Name : 08_YLA_Kellogg_Imp NB AM
 Site Code : 05122223
 Start Date : 3/15/2022
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Groups Printed- 3 Axle Vehicles

Start Time	Kellogg Drive Southbound					Imperial Highway Northbound On Ramp Westbound					Kellogg Drive Northbound					Imperial Highway Northbound Off Ramp Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	0	0	0	0	0	0	0	1	1	1	0	1	0	0	1	0	0	0	0	0	1	2	3
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	1
07:30 AM	0	0	0	0	0	0	0	3	3	3	0	0	0	0	0	0	0	0	0	0	3	3	6
07:45 AM	0	0	0	0	0	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2
Total	0	0	0	0	0	1	0	5	4	6	0	2	0	0	2	0	0	0	0	0	4	8	12
08:00 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
08:15 AM	0	1	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	2	2
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	2	0	0	2	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	3	3
Grand Total	0	2	0	0	2	1	0	5	4	6	1	2	0	0	3	0	0	0	0	0	4	11	15
Apprch %	0	100	0			16.7	0	83.3			33.3	66.7	0			0	0	0					
Total %	0	18.2	0		18.2	9.1	0	45.5		54.5	9.1	18.2	0		27.3	0	0	0		0	26.7	73.3	

Start Time	Kellogg Drive Southbound				Imperial Highway Northbound On Ramp Westbound				Kellogg Drive Northbound				Imperial Highway Northbound Off Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0	3
07:45 AM	0	0	0	0	1	0	1	2	0	0	0	0	0	0	0	0	2
08:00 AM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
08:15 AM	0	1	0	1	0	0	0	0	1	0	0	1	0	0	0	0	2
Total Volume	0	2	0	2	1	0	4	5	1	0	0	1	0	0	0	0	8
% App. Total	0	100	0		20	0	80		100	0	0		0	0	0		
PHF	.000	.500	.000	.500	.250	.000	.333	.417	.250	.000	.000	.250	.000	.000	.000	.000	.667



City of Yorba Linda
 N/S: Kellogg Drive
 E/W: Imperial Highway Northbound Ramps
 Weather: Clear

File Name : 08_YLA_Kellog_Imp NB AM
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Start Time	Kellogg Drive Southbound				Imperial Highway Northbound On Ramp Westbound				Kellogg Drive Northbound				Imperial Highway Northbound Off Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:30 AM				07:30 AM				07:30 AM				07:30 AM				
+0 mins.	0	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0	
+15 mins.	0	0	0	0	1	0	1	2	0	0	0	0	0	0	0	0	
+30 mins.	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
+45 mins.	0	1	0	1	0	0	0	0	1	0	0	1	0	0	0	0	
Total Volume	0	2	0	2	1	0	4	5	1	0	0	1	0	0	0	0	
% App. Total	0	100	0		20	0	80		100	0	0		0	0	0		
PHF	.000	.500	.000	.500	.250	.000	.333	.417	.250	.000	.000	.250	.000	.000	.000	.000	

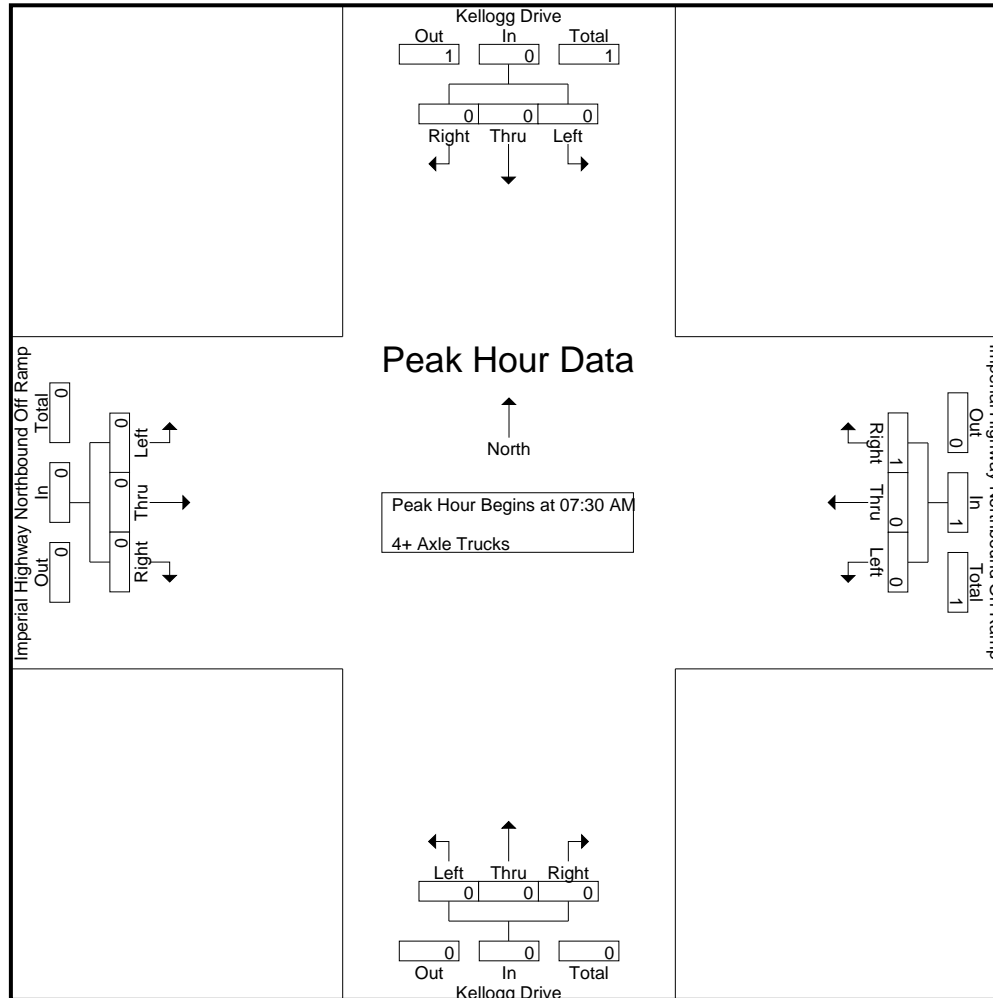
City of Yorba Linda
 N/S: Kellogg Drive
 E/W: Imperial Highway Northbound Ramps
 Weather: Clear

File Name : 08_YLA_Kellogg_Imp NB AM
 Site Code : 05122223
 Start Date : 3/15/2022
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Groups Printed- 4+ Axle Trucks

Start Time	Kellogg Drive Southbound					Imperial Highway Northbound On Ramp Westbound					Kellogg Drive Northbound					Imperial Highway Northbound Off Ramp Eastbound					Exclu. Total	Inclu. Total	Int. Total			
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total						
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00 AM	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	2	1	1	2
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
Total	0	1	0	0	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	2	3	1	2	3
Grand Total	0	1	0	0	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	2	3	1	2	3
Apprch %	0	100	0			0	0	100			0	0	0			0	0	0								
Total %	0	50	0		50	0	0	50		50	0	0	0		0	0	0	0		0	33.3	66.7				

Start Time	Kellogg Drive Southbound				Imperial Highway Northbound On Ramp Westbound				Kellogg Drive Northbound				Imperial Highway Northbound Off Ramp Eastbound				Int. Total			
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total				
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																				
Peak Hour for Entire Intersection Begins at 07:30 AM																				
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00 AM	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1
% App. Total	0	0	0		0	0	100		0	0	0		0	0	0		0	0	0	
PHF	.000	.000	.000	.000	.000	.000	.250	.250	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.250



City of Yorba Linda
 N/S: Kellogg Drive
 E/W: Imperial Highway Northbound Ramps
 Weather: Clear

File Name : 08_YLA_Kellog_Imp NB AM
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Start Time	Kellogg Drive Southbound				Imperial Highway Northbound On Ramp Westbound				Kellogg Drive Northbound				Imperial Highway Northbound Off Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:30 AM				07:30 AM				07:30 AM				07:30 AM				
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
% App. Total	0	0	0	0	0	0	100	100	0	0	0	0	0	0	0	0	0
PHF	.000	.000	.000	.000	.000	.000	.250	.250	.000	.000	.000	.000	.000	.000	.000	.000	.000

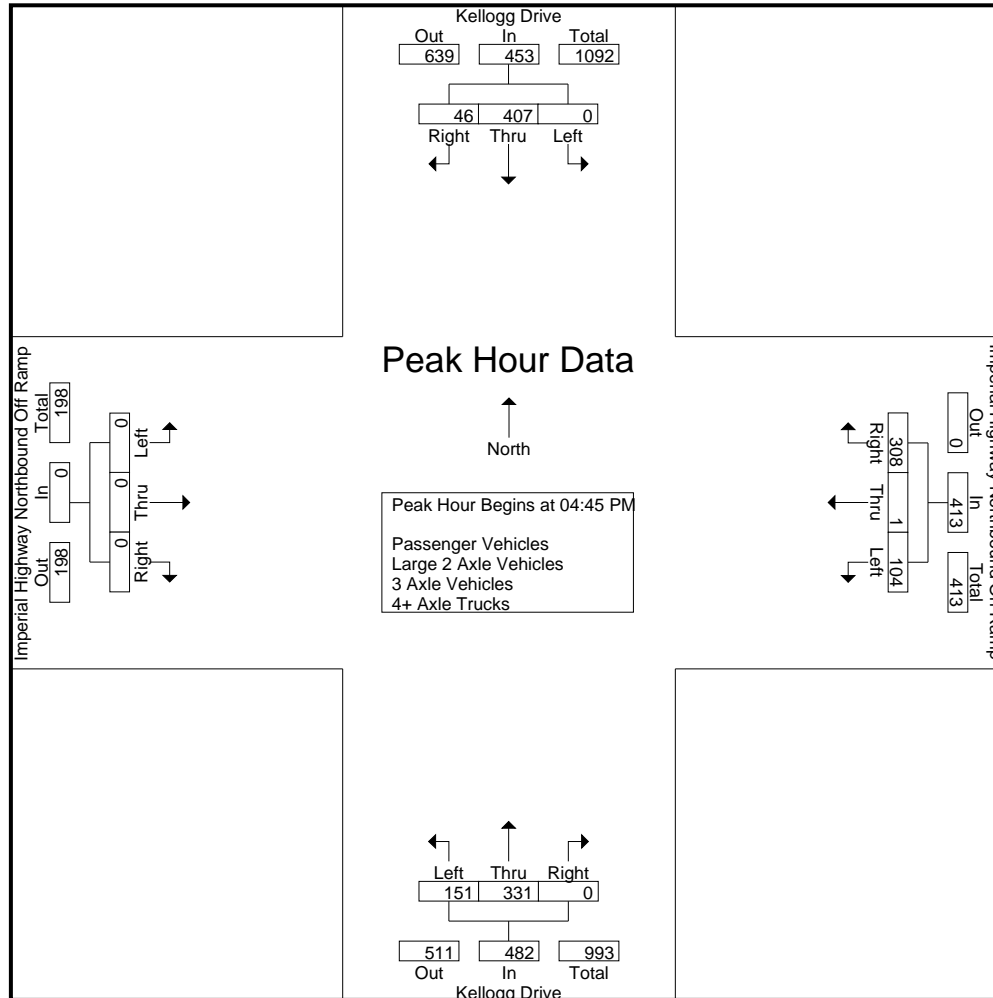
City of Yorba Linda
 N/S: Kellogg Drive
 E/W: Imperial Highway Northbound Ramps
 Weather: Clear

File Name : 08_YLA_Kellogg_Imp NB PM
 Site Code : 05122223
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Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

Start Time	Kellogg Drive Southbound					Imperial Highway Northbound On Ramp Westbound					Kellogg Drive Northbound					Imperial Highway Northbound Off Ramp Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	0	87	13	0	100	20	0	71	54	91	44	72	0	0	116	0	0	0	0	0	54	307	361
04:15 PM	0	92	16	1	108	21	0	77	52	98	31	86	0	0	117	0	0	0	0	0	53	323	376
04:30 PM	0	83	6	0	89	26	0	75	47	101	38	74	0	0	112	0	0	0	0	0	47	302	349
04:45 PM	0	107	10	1	117	35	0	83	44	118	27	71	0	0	98	0	0	0	0	0	45	333	378
Total	0	369	45	2	414	102	0	306	197	408	140	303	0	0	443	0	0	0	0	0	199	1265	1464
05:00 PM	0	102	18	1	120	18	0	83	50	101	51	77	0	0	128	0	0	0	0	0	51	349	400
05:15 PM	0	83	7	1	90	27	1	79	49	107	29	74	0	0	103	0	0	0	0	0	50	300	350
05:30 PM	0	115	11	3	126	24	0	63	41	87	44	109	0	0	153	0	0	0	0	0	44	366	410
05:45 PM	0	98	6	1	104	35	0	77	47	112	34	81	0	0	115	0	0	0	0	0	48	331	379
Total	0	398	42	6	440	104	1	302	187	407	158	341	0	0	499	0	0	0	0	0	193	1346	1539
Grand Total	0	767	87	8	854	206	1	608	384	815	298	644	0	0	942	0	0	0	0	0	392	2611	3003
Apprch %	0	89.8	10.2			25.3	0.1	74.6			31.6	68.4	0	0		0	0	0					
Total %	0	29.4	3.3		32.7	7.9	0	23.3		31.2	11.4	24.7	0	0	36.1	0	0	0		0	13.1	86.9	
Passenger Vehicles	0	757	86		851	205	1	600		1184	296	640	0	0	936	0	0	0		0	0	0	2971
% Passenger Vehicles	0	98.7	98.9	100	98.7	99.5	100	98.7	98.4	98.7	99.3	99.4	0	0	99.4	0	0	0	0	0	0	0	98.9
Large 2 Axle Vehicles	0	9	1		10	1	0	8		15	2	4	0	0	6	0	0	0		0	0	0	31
% Large 2 Axle Vehicles	0	1.2	1.1	0	1.2	0.5	0	1.3	1.6	1.3	0.7	0.6	0	0	0.6	0	0	0	0	0	0	0	1
3 Axle Vehicles	0	1	0		1	0	0	0		0	0	0	0	0	0	0	0	0		0	0	0	1
% 3 Axle Vehicles	0	0.1	0	0	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4+ Axle Trucks	0	0	0		0	0	0	0		0	0	0	0	0	0	0	0	0		0	0	0	0
% 4+ Axle Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Start Time	Kellogg Drive Southbound				Imperial Highway Northbound On Ramp Westbound				Kellogg Drive Northbound				Imperial Highway Northbound Off Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	0	107	10	117	35	0	83	118	27	71	0	98	0	0	0	0	333
05:00 PM	0	102	18	120	18	0	83	101	51	77	0	128	0	0	0	0	349
05:15 PM	0	83	7	90	27	1	79	107	29	74	0	103	0	0	0	0	300
05:30 PM	0	115	11	126	24	0	63	87	44	109	0	153	0	0	0	0	366
Total Volume	0	407	46	453	104	1	308	413	151	331	0	482	0	0	0	0	1348
% App. Total	0	89.8	10.2		25.2	0.2	74.6		31.3	68.7	0		0	0	0		
PHF	.000	.885	.639	.899	.743	.250	.928	.875	.740	.759	.000	.788	.000	.000	.000	.000	.921



City of Yorba Linda
 N/S: Kellogg Drive
 E/W: Imperial Highway Northbound Ramps
 Weather: Clear

File Name : 08_YLA_Kellog_Imp NB PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Kellogg Drive Southbound				Imperial Highway Northbound On Ramp Westbound				Kellogg Drive Northbound				Imperial Highway Northbound Off Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:45 PM				04:30 PM				05:00 PM				04:00 PM				
+0 mins.	0	107	10	117	26	0	75	101	51	77	0	128	0	0	0	0	
+15 mins.	0	102	18	120	35	0	83	118	29	74	0	103	0	0	0	0	
+30 mins.	0	83	7	90	18	0	83	101	44	109	0	153	0	0	0	0	
+45 mins.	0	115	11	126	27	1	79	107	34	81	0	115	0	0	0	0	
Total Volume	0	407	46	453	106	1	320	427	158	341	0	499	0	0	0	0	
% App. Total	0	89.8	10.2		24.8	0.2	74.9		31.7	68.3	0		0	0	0		
PHF	.000	.885	.639	.899	.757	.250	.964	.905	.775	.782	.000	.815	.000	.000	.000	.000	

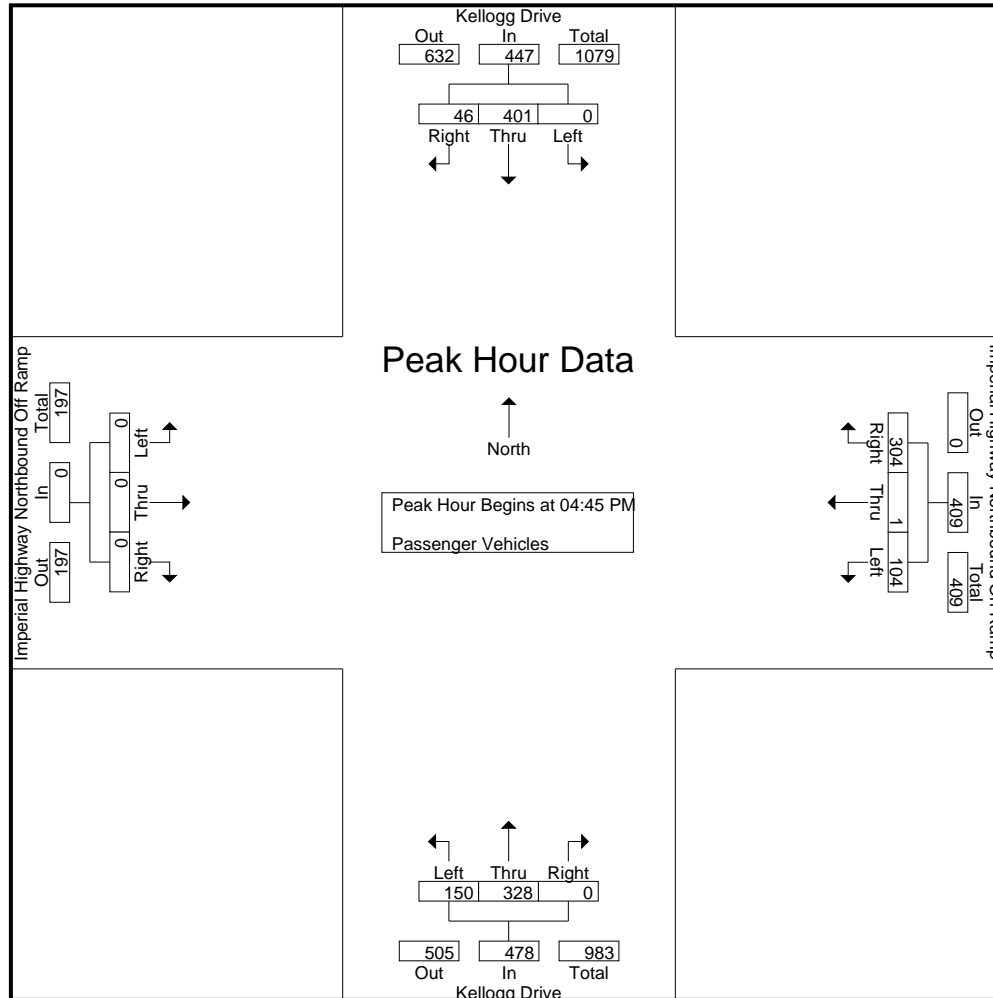
City of Yorba Linda
 N/S: Kellogg Drive
 E/W: Imperial Highway Northbound Ramps
 Weather: Clear

File Name : 08_YLA_Kellogg_Imp NB PM
 Site Code : 05122223
 Start Date : 3/15/2022
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Groups Printed- Passenger Vehicles

Start Time	Kellogg Drive Southbound					Imperial Highway Northbound On Ramp Westbound					Kellogg Drive Northbound					Imperial Highway Northbound Off Ramp Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	0	86	12	0	98	20	0	71	54	91	43	72	0	0	115	0	0	0	0	0	54	304	358
04:15 PM	0	90	16	1	106	20	0	76	51	96	31	85	0	0	116	0	0	0	0	0	52	318	370
04:30 PM	0	83	6	0	89	26	0	74	47	100	38	74	0	0	112	0	0	0	0	0	47	301	348
04:45 PM	0	105	10	1	115	35	0	83	44	118	27	71	0	0	98	0	0	0	0	0	45	331	376
Total	0	364	44	2	408	101	0	304	196	405	139	302	0	0	441	0	0	0	0	0	198	1254	1452
05:00 PM	0	100	18	1	118	18	0	81	48	99	51	77	0	0	128	0	0	0	0	0	49	345	394
05:15 PM	0	83	7	1	90	27	1	78	48	106	28	73	0	0	101	0	0	0	0	0	49	297	346
05:30 PM	0	113	11	3	124	24	0	62	40	86	44	107	0	0	151	0	0	0	0	0	43	361	404
05:45 PM	0	97	6	1	103	35	0	75	46	110	34	81	0	0	115	0	0	0	0	0	47	328	375
Total	0	393	42	6	435	104	1	296	182	401	157	338	0	0	495	0	0	0	0	0	188	1331	1519
Grand Total	0	757	86	8	843	205	1	600	378	806	296	640	0	0	936	0	0	0	0	0	386	2585	2971
Apprch %	0	89.8	10.2			25.4	0.1	74.4			31.6	68.4	0			0	0	0					
Total %	0	29.3	3.3		32.6	7.9	0	23.2		31.2	11.5	24.8	0		36.2	0	0	0		0	13	87	

Start Time	Kellogg Drive Southbound				Imperial Highway Northbound On Ramp Westbound				Kellogg Drive Northbound				Imperial Highway Northbound Off Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	0	105	10	115	35	0	83	118	27	71	0	98	0	0	0	0	331
05:00 PM	0	100	18	118	18	0	81	99	51	77	0	128	0	0	0	0	345
05:15 PM	0	83	7	90	27	1	78	106	28	73	0	101	0	0	0	0	297
05:30 PM	0	113	11	124	24	0	62	86	44	107	0	151	0	0	0	0	361
Total Volume	0	401	46	447	104	1	304	409	150	328	0	478	0	0	0	0	1334
% App. Total	0	89.7	10.3		25.4	0.2	74.3		31.4	68.6	0		0	0	0		
PHF	.000	.887	.639	.901	.743	.250	.916	.867	.735	.766	.000	.791	.000	.000	.000	.000	.924



City of Yorba Linda
 N/S: Kellogg Drive
 E/W: Imperial Highway Northbound Ramps
 Weather: Clear

File Name : 08_YLA_Kellog_Imp NB PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Kellogg Drive Southbound				Imperial Highway Northbound On Ramp Westbound				Kellogg Drive Northbound				Imperial Highway Northbound Off Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:45 PM				04:45 PM				04:45 PM				04:45 PM				
+0 mins.	0	105	10	115	35	0	83	118	27	71	0	98	0	0	0	0	
+15 mins.	0	100	18	118	18	0	81	99	51	77	0	128	0	0	0	0	
+30 mins.	0	83	7	90	27	1	78	106	28	73	0	101	0	0	0	0	
+45 mins.	0	113	11	124	24	0	62	86	44	107	0	151	0	0	0	0	
Total Volume	0	401	46	447	104	1	304	409	150	328	0	478	0	0	0	0	
% App. Total	0	89.7	10.3		25.4	0.2	74.3		31.4	68.6	0		0	0	0		
PHF	.000	.887	.639	.901	.743	.250	.916	.867	.735	.766	.000	.791	.000	.000	.000	.000	

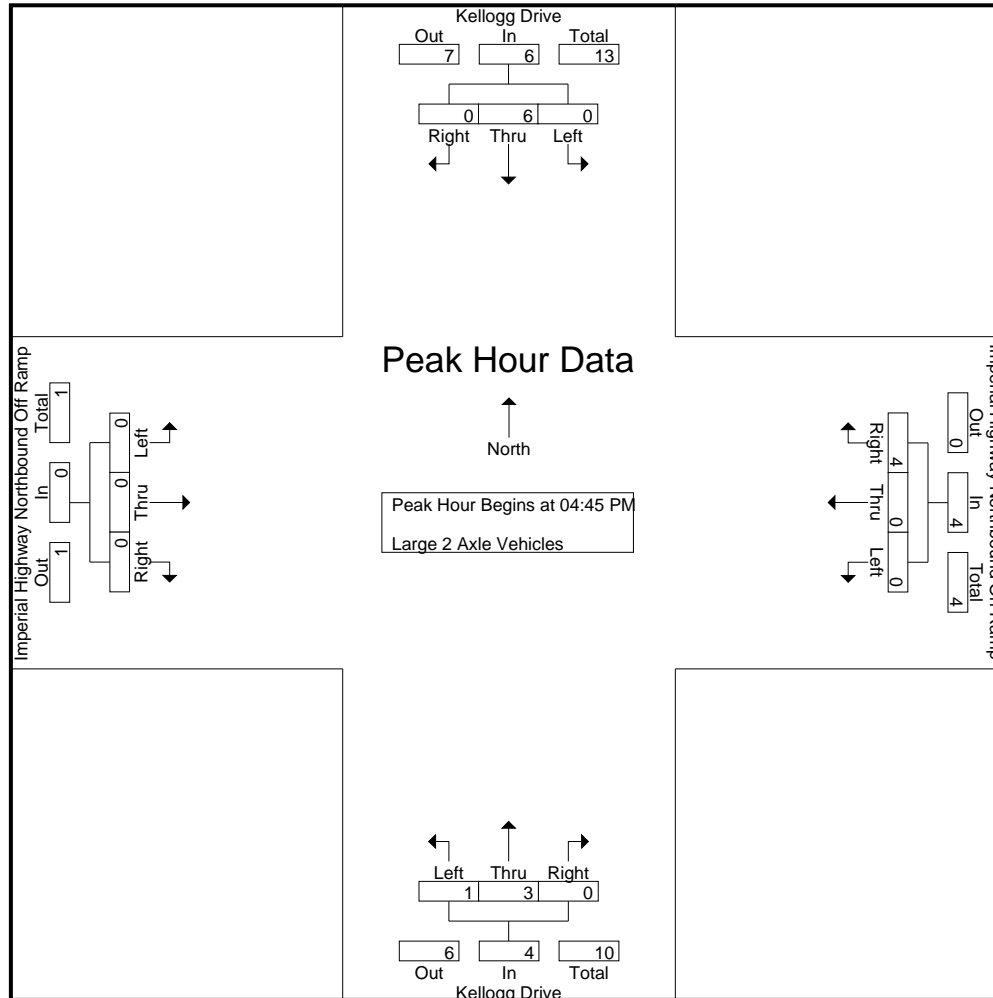
City of Yorba Linda
 N/S: Kellogg Drive
 E/W: Imperial Highway Northbound Ramps
 Weather: Clear

File Name : 08_YLA_Kellogg_Imp NB PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

Groups Printed- Large 2 Axle Vehicles

Start Time	Kellogg Drive Southbound					Imperial Highway Northbound On Ramp Westbound					Kellogg Drive Northbound					Imperial Highway Northbound Off Ramp Eastbound					Exclu. Total	Inclu. Total	Int. Total					
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total								
04:00 PM	0	0	1	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	2
04:15 PM	0	2	0	0	2	1	0	1	1	2	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	5	6
04:30 PM	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
04:45 PM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
Total	0	4	1	0	5	1	0	2	1	3	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	1	10	11
05:00 PM	0	2	0	0	2	0	0	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	6
05:15 PM	0	0	0	0	0	0	0	1	1	1	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	1	3	4
05:30 PM	0	2	0	0	2	0	0	1	1	1	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	1	5	6
05:45 PM	0	1	0	0	1	0	0	2	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	4
Total	0	5	0	0	5	0	0	6	5	6	1	3	0	0	4	0	0	0	0	0	0	0	0	0	0	5	15	20
Grand Total	0	9	1	0	10	1	0	8	6	9	2	4	0	0	6	0	0	0	0	0	0	0	0	0	0	6	25	31
Apprch %	0	90	10			11.1	0	88.9			33.3	66.7	0			0	0	0										
Total %	0	36	4		40	4	0	32		36	8	16	0		24	0	0	0		0						19.4	80.6	

Start Time	Kellogg Drive Southbound				Imperial Highway Northbound On Ramp Westbound				Kellogg Drive Northbound				Imperial Highway Northbound Off Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
05:00 PM	0	2	0	2	0	0	2	2	0	0	0	0	0	0	0	0	4
05:15 PM	0	0	0	0	0	0	1	1	1	1	0	2	0	0	0	0	3
05:30 PM	0	2	0	2	0	0	1	1	0	2	0	2	0	0	0	0	5
Total Volume	0	6	0	6	0	0	4	4	1	3	0	4	0	0	0	0	14
% App. Total	0	100	0		0	0	100		25	75	0		0	0	0		
PHF	.000	.750	.000	.750	.000	.000	.500	.500	.250	.375	.000	.500	.000	.000	.000	.000	.700



City of Yorba Linda
 N/S: Kellogg Drive
 E/W: Imperial Highway Northbound Ramps
 Weather: Clear

File Name : 08_YLA_Kellog_Imp NB PM
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Start Time	Kellogg Drive Southbound				Imperial Highway Northbound On Ramp Westbound				Kellogg Drive Northbound				Imperial Highway Northbound Off Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:45 PM				04:45 PM				04:45 PM				04:45 PM				
+0 mins.	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	
+15 mins.	0	2	0	2	0	0	2	2	0	0	0	0	0	0	0	0	
+30 mins.	0	0	0	0	0	0	1	1	1	1	0	2	0	0	0	0	
+45 mins.	0	2	0	2	0	0	1	1	0	2	0	2	0	0	0	0	
Total Volume	0	6	0	6	0	0	4	4	1	3	0	4	0	0	0	0	
% App. Total	0	100	0		0	0	100		25	75	0		0	0	0		
PHF	.000	.750	.000	.750	.000	.000	.500	.500	.250	.375	.000	.500	.000	.000	.000	.000	

City of Yorba Linda
 N/S: Kellogg Drive
 E/W: Imperial Highway Northbound Ramps
 Weather: Clear

File Name : 08_YLA_Kellog_Imp NB PM
 Site Code : 05122223
 Start Date : 3/15/2022
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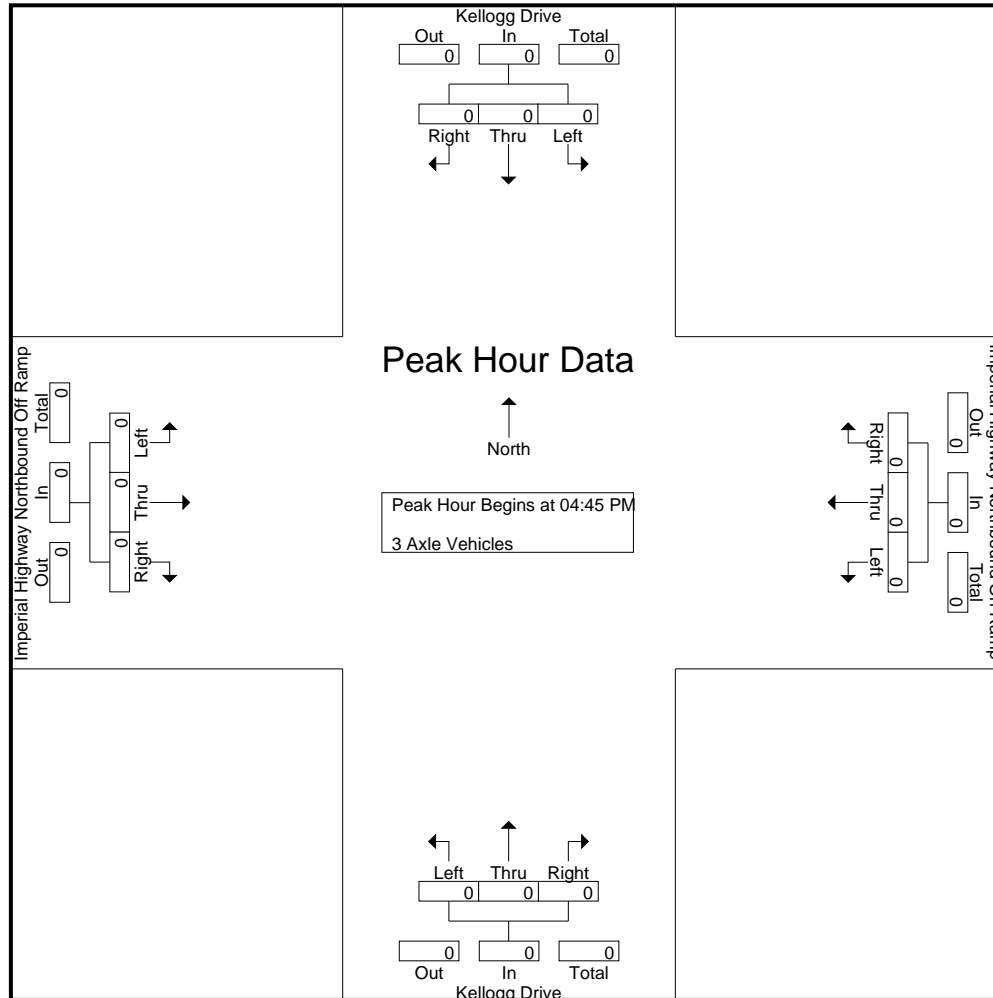
Groups Printed- 3 Axle Vehicles

Start Time	Kellogg Drive Southbound					Imperial Highway Northbound On Ramp Westbound					Kellogg Drive Northbound					Imperial Highway Northbound Off Ramp Eastbound					Exclu. Total	Inclu. Total	Int. Total					
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total								
04:00 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Apprch %	0	100	0			0	0	0			0	0	0			0	0	0			0	0	0			0		
Total %	0	100	0		100	0	0	0			0	0	0			0	0	0			0	0	0			0	100	

Start Time	Kellogg Drive Southbound				Imperial Highway Northbound On Ramp Westbound				Kellogg Drive Northbound				Imperial Highway Northbound Off Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% App. Total	0	0	0		0	0	0		0	0	0		0	0	0		
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

City of Yorba Linda
 N/S: Kellogg Drive
 E/W: Imperial Highway Northbound Ramps
 Weather: Clear

File Name : 08_YLA_Kellog_Imp NB PM
 Site Code : 05122223
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City of Yorba Linda
 N/S: Kellogg Drive
 E/W: Imperial Highway Northbound Ramps
 Weather: Clear

File Name : 08_YLA_Kellog_Imp NB PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Kellogg Drive Southbound				Imperial Highway Northbound On Ramp Westbound				Kellogg Drive Northbound				Imperial Highway Northbound Off Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:45 PM				04:45 PM				04:45 PM				04:45 PM				
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% App. Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

City of Yorba Linda
 N/S: Kellogg Drive
 E/W: Imperial Highway Northbound Ramps
 Weather: Clear

File Name : 08_YLA_Kellogg_Imp NB PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

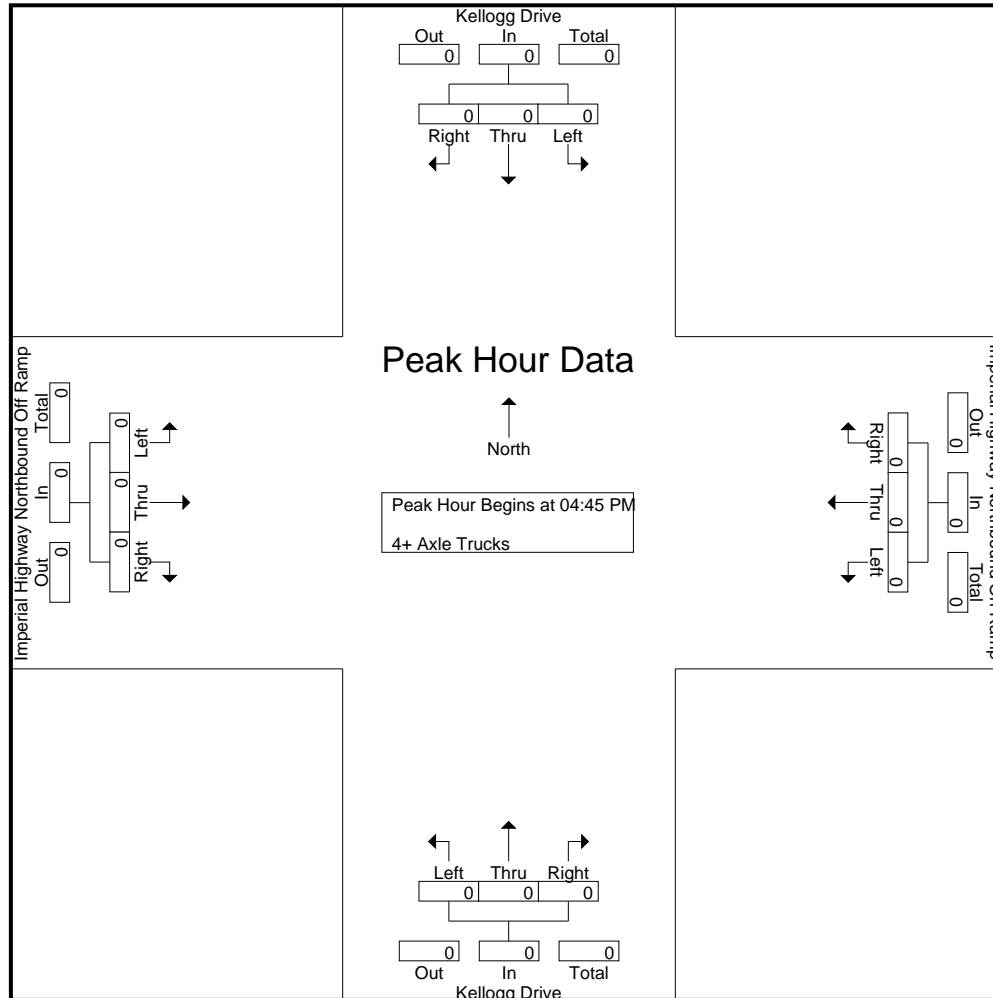
Groups Printed- 4+ Axle Trucks

Start Time	Kellogg Drive Southbound					Imperial Highway Northbound On Ramp Westbound					Kellogg Drive Northbound					Imperial Highway Northbound Off Ramp Eastbound					Exclu. Total	Inclu. Total	Int. Total			
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total						
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Apprch %	0	0	0			0	0	0			0	0	0			0	0	0								
Total %																										

Start Time	Kellogg Drive Southbound				Imperial Highway Northbound On Ramp Westbound				Kellogg Drive Northbound				Imperial Highway Northbound Off Ramp Eastbound				Int. Total			
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total				
Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1																				
Peak Hour for Entire Intersection Begins at 04:45 PM																				
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% App. Total	0	0	0		0	0	0		0	0	0		0	0	0		0	0	0	
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

City of Yorba Linda
 N/S: Kellogg Drive
 E/W: Imperial Highway Northbound Ramps
 Weather: Clear

File Name : 08_YLA_Kellog_Imp NB PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Kellogg Drive
 E/W: Imperial Highway Northbound Ramps
 Weather: Clear

File Name : 08_YLA_Kellog_Imp NB PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Kellogg Drive Southbound				Imperial Highway Northbound On Ramp Westbound				Kellogg Drive Northbound				Imperial Highway Northbound Off Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:45 PM				04:45 PM				04:45 PM				04:45 PM				
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% App. Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

Location: Yorba Linda
 N/S: Kellogg Drive
 E/W: Imperial Hwy NB Ramps



Date: 3/15/2022
 Day: Tuesday

PEDESTRIANS

	North Leg Kellogg Drive	East Leg Imperial Hwy NB Ramps	South Leg Kellogg Drive	West Leg Imperial Hwy NB Ramps	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	1	1
7:30 AM	0	1	0	0	1
7:45 AM	0	2	0	1	3
8:00 AM	0	0	0	0	0
8:15 AM	0	0	0	0	0
8:30 AM	0	0	0	0	0
8:45 AM	0	0	0	0	0
TOTAL VOLUMES:	0	3	0	2	5

	North Leg Kellogg Drive	East Leg Imperial Hwy NB Ramps	South Leg Kellogg Drive	West Leg Imperial Hwy NB Ramps	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	1	0	0	1
4:15 PM	0	4	0	0	4
4:30 PM	0	1	0	0	1
4:45 PM	0	0	0	0	0
5:00 PM	0	5	0	0	5
5:15 PM	0	2	0	0	2
5:30 PM	0	1	0	4	5
5:45 PM	0	3	0	1	4
TOTAL VOLUMES:	0	17	0	5	22

Location: Yorba Linda
 N/S: Kellogg Drive
 E/W: Imperial Hwy NB Ramps



Date: 3/15/2022
 Day: Tuesday

BICYCLES

	Southbound Kellogg Drive			Westbound Imperial Hwy NB Ramps			Northbound Kellogg Drive			Eastbound Imperial Hwy NB Ramps			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	2	0	0	0	0	1	0	0	0	0	0	3
7:45 AM	0	3	0	0	0	0	0	1	0	0	0	0	4
8:00 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
TOTAL VOLUMES:	0	5	0	0	0	0	1	3	0	0	0	0	9

	Southbound Kellogg Drive			Westbound Imperial Hwy NB Ramps			Northbound Kellogg Drive			Eastbound Imperial Hwy NB Ramps			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	1	0	0	0	0	0	2	0	0	0	0	3
4:15 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	1	0	0	0	0	0	1	0	0	0	0	2
5:45 PM	0	2	0	0	0	0	0	1	0	0	0	0	3
TOTAL VOLUMES:	0	5	0	0	0	0	0	5	0	0	0	0	10

City of Yorba Linda
 N/S: Plumosa Drive
 E/W: Bastanchury Road
 Weather: Clear

File Name : 09_YLA_Plum_Bast AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

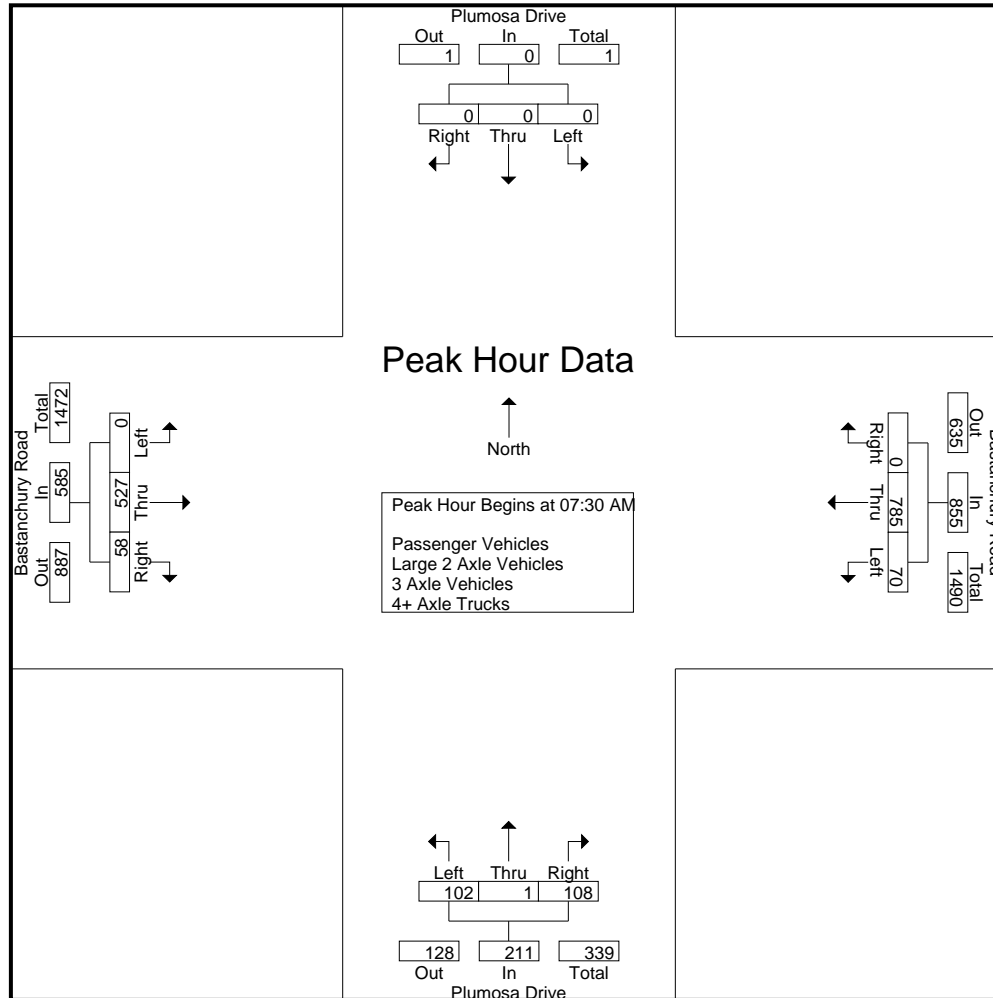
Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

Start Time	Plumosa Drive Southbound					Bastanchury Road Westbound					Plumosa Drive Northbound					Bastanchury Road Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	0	0	0	0	0	0	132	0	0	132	9	0	1	1	10	0	46	6	0	52	1	194	195
07:15 AM	0	0	0	0	0	8	175	0	0	183	8	0	6	4	14	0	69	10	1	79	5	276	281
07:30 AM	0	0	0	0	0	41	232	0	0	273	37	0	46	30	83	0	109	21	2	130	32	486	518
07:45 AM	0	0	0	0	0	23	164	0	0	187	40	0	48	21	88	0	169	24	2	193	23	468	491
Total	0	0	0	0	0	72	703	0	0	775	94	0	101	56	195	0	393	61	5	454	61	1424	1485
08:00 AM	0	0	0	0	0	6	188	0	0	194	15	0	9	8	24	0	121	10	3	131	11	349	360
08:15 AM	0	0	0	0	0	0	201	0	0	201	10	1	5	3	16	0	128	3	0	131	3	348	351
08:30 AM	0	0	0	0	0	0	228	0	0	228	13	0	4	3	17	0	123	8	0	131	3	376	379
08:45 AM	0	0	0	0	0	2	150	0	0	152	3	0	5	4	8	0	110	7	0	117	4	277	281
Total	0	0	0	0	0	8	767	0	0	775	41	1	23	18	65	0	482	28	3	510	21	1350	1371
Grand Total	0	0	0	0	0	80	1470	0	0	1550	135	1	124	74	260	0	875	89	8	964	82	2774	2856
Apprch %	0	0	0			5.2	94.8	0			51.9	0.4	47.7			0	90.8	9.2					
Total %	0	0	0			2.9	53	0		55.9	4.9	0	4.5		9.4	0	31.5	3.2		34.8	2.9	97.1	
Passenger Vehicles	0	0	0			79	1452	0		1531	134	0	120		324	0	849	86		942	0	0	2797
% Passenger Vehicles	0	0	0			98.8	98.8	0		98.8	99.3	0	96.8	94.6	97	0	97	96.6	87.5	96.9	0	0	97.9
Large 2 Axle Vehicles	0	0	0			1	16	0		17	1	1	3		8	0	25	2		27	0	0	52
% Large 2 Axle Vehicles	0	0	0			1.2	1.1	0		1.1	0.7	100	2.4	4.1	2.4	0	2.9	2.2	0	2.8	0	0	1.8
3 Axle Vehicles	0	0	0			0	2	0		2	0	0	1		2	0	0	1		2	0	0	6
% 3 Axle Vehicles	0	0	0			0	0.1	0		0.1	0	0	0.8	1.4	0.6	0	0	1.1	12.5	0.2	0	0	0.2
4+ Axle Trucks	0	0	0			0	0	0		0	0	0	0		0	0	1	0		1	0	0	1
% 4+ Axle Trucks	0	0	0			0	0	0		0	0	0	0		0	0	0.1	0		0.1	0	0	0

Start Time	Plumosa Drive Southbound				Bastanchury Road Westbound				Plumosa Drive Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	0	0	0	41	232	0	273	37	0	46	83	0	109	21	130	486
07:45 AM	0	0	0	0	23	164	0	187	40	0	48	88	0	169	24	193	468
08:00 AM	0	0	0	0	6	188	0	194	15	0	9	24	0	121	10	131	349
08:15 AM	0	0	0	0	0	201	0	201	10	1	5	16	0	128	3	131	348
Total Volume	0	0	0	0	70	785	0	855	102	1	108	211	0	527	58	585	1651
% App. Total	0	0	0		8.2	91.8	0		48.3	0.5	51.2		0	90.1	9.9		
PHF	.000	.000	.000	.000	.427	.846	.000	.783	.638	.250	.563	.599	.000	.780	.604	.758	.849

City of Yorba Linda
 N/S: Plumosa Drive
 E/W: Bastanchury Road
 Weather: Clear

File Name : 09_YLA_Plum_Bast AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Plumosa Drive
 E/W: Bastanchury Road
 Weather: Clear

File Name : 09_YLA_Plum_Bast AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Plumosa Drive Southbound				Bastanchury Road Westbound				Plumosa Drive Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:00 AM				07:30 AM				07:30 AM				07:45 AM				
+0 mins.	0	0	0	0	41	232	0	273	37	0	46	83	0	169	24	193	
+15 mins.	0	0	0	0	23	164	0	187	40	0	48	88	0	121	10	131	
+30 mins.	0	0	0	0	6	188	0	194	15	0	9	24	0	128	3	131	
+45 mins.	0	0	0	0	0	201	0	201	10	1	5	16	0	123	8	131	
Total Volume	0	0	0	0	70	785	0	855	102	1	108	211	0	541	45	586	
% App. Total	0	0	0	0	8.2	91.8	0	8.2	48.3	0.5	51.2	48.3	0	92.3	7.7	48.3	
PHF	.000	.000	.000	.000	.427	.846	.000	.783	.638	.250	.563	.599	.000	.800	.469	.759	

City of Yorba Linda
 N/S: Plumosa Drive
 E/W: Bastanchury Road
 Weather: Clear

File Name : 09_YLA_Plum_Bast AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

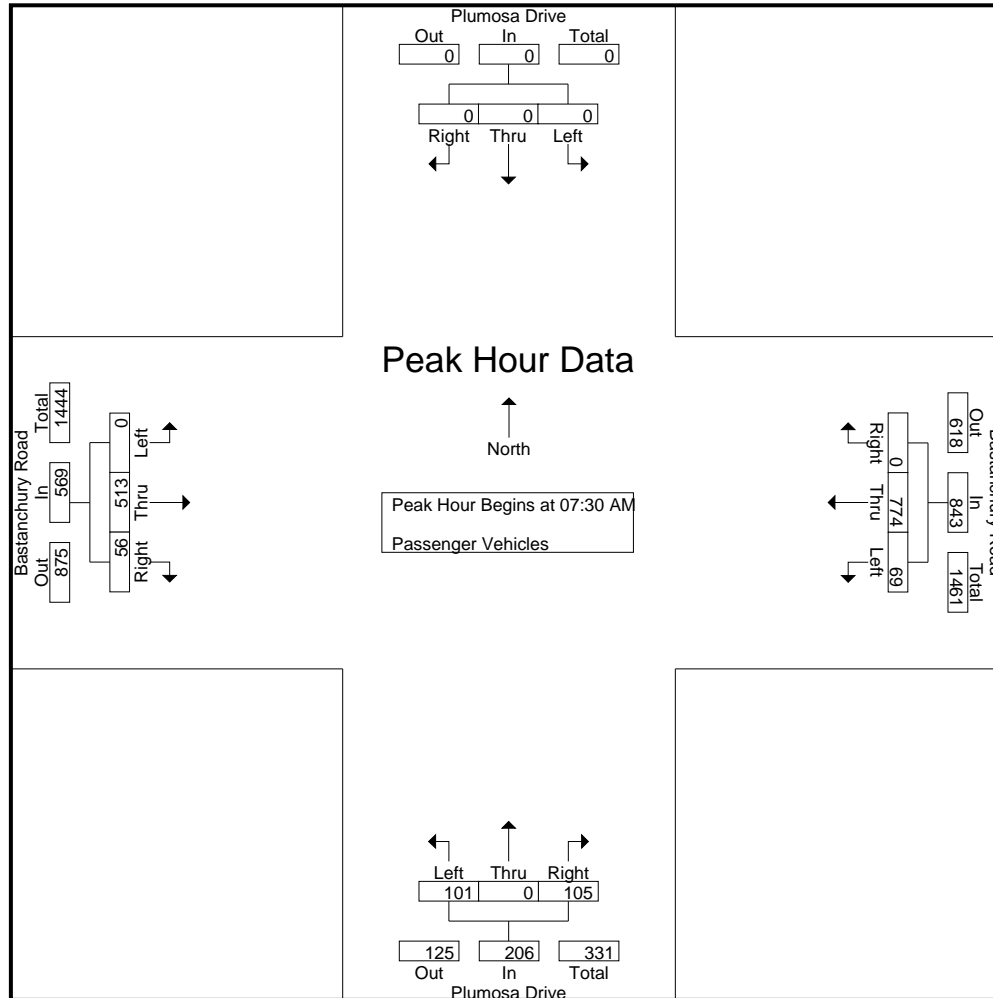
Groups Printed- Passenger Vehicles

Start Time	Plumosa Drive Southbound					Bastanchury Road Westbound					Plumosa Drive Northbound					Bastanchury Road Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	0	0	0	0	0	0	130	0	0	130	9	0	1	1	10	0	44	6	0	50	1	190	191
07:15 AM	0	0	0	0	0	8	175	0	0	183	8	0	6	4	14	0	66	10	1	76	5	273	278
07:30 AM	0	0	0	0	0	40	227	0	0	267	36	0	45	29	81	0	108	20	2	128	31	476	507
07:45 AM	0	0	0	0	0	23	163	0	0	186	40	0	48	21	88	0	166	23	1	189	22	463	485
Total	0	0	0	0	0	71	695	0	0	766	93	0	100	55	193	0	384	59	4	443	59	1402	1461
08:00 AM	0	0	0	0	0	6	186	0	0	192	15	0	8	7	23	0	119	10	3	129	10	344	354
08:15 AM	0	0	0	0	0	0	198	0	0	198	10	0	4	2	14	0	120	3	0	123	2	335	337
08:30 AM	0	0	0	0	0	0	226	0	0	226	13	0	4	3	17	0	119	7	0	126	3	369	372
08:45 AM	0	0	0	0	0	2	147	0	0	149	3	0	4	3	7	0	107	7	0	114	3	270	273
Total	0	0	0	0	0	8	757	0	0	765	41	0	20	15	61	0	465	27	3	492	18	1318	1336
Grand Total	0	0	0	0	0	79	1452	0	0	1531	134	0	120	70	254	0	849	86	7	935	77	2720	2797
Apprch %	0	0	0			5.2	94.8	0			52.8	0	47.2			0	90.8	9.2					
Total %	0	0	0			2.9	53.4	0		56.3	4.9	0	4.4		9.3	0	31.2	3.2		34.4	2.8	97.2	

Start Time	Plumosa Drive Southbound				Bastanchury Road Westbound				Plumosa Drive Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	0	0	0	40	227	0	267	36	0	45	81	0	108	20	128	476
07:45 AM	0	0	0	0	23	163	0	186	40	0	48	88	0	166	23	189	463
08:00 AM	0	0	0	0	6	186	0	192	15	0	8	23	0	119	10	129	344
08:15 AM	0	0	0	0	0	198	0	198	10	0	4	14	0	120	3	123	335
Total Volume	0	0	0	0	69	774	0	843	101	0	105	206	0	513	56	569	1618
% App. Total	0	0	0	0	8.2	91.8	0		49	0	51		0	90.2	9.8		
PHF	.000	.000	.000	.000	.431	.852	.000	.789	.631	.000	.547	.585	.000	.773	.609	.753	.850

City of Yorba Linda
 N/S: Plumosa Drive
 E/W: Bastanchury Road
 Weather: Clear

File Name : 09_YLA_Plum_Bast AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Plumosa Drive
 E/W: Bastanchury Road
 Weather: Clear

File Name : 09_YLA_Plum_Bast AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Plumosa Drive Southbound				Bastanchury Road Westbound				Plumosa Drive Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:30 AM				07:30 AM				07:30 AM				07:30 AM				
+0 mins.	0	0	0	0	40	227	0	267	36	0	45	81	0	108	20	128	
+15 mins.	0	0	0	0	23	163	0	186	40	0	48	88	0	166	23	189	
+30 mins.	0	0	0	0	6	186	0	192	15	0	8	23	0	119	10	129	
+45 mins.	0	0	0	0	0	198	0	198	10	0	4	14	0	120	3	123	
Total Volume	0	0	0	0	69	774	0	843	101	0	105	206	0	513	56	569	
% App. Total	0	0	0	0	8.2	91.8	0		49	0	51		0	90.2	9.8		
PHF	.000	.000	.000	.000	.431	.852	.000	.789	.631	.000	.547	.585	.000	.773	.609	.753	

City of Yorba Linda
 N/S: Plumosa Drive
 E/W: Bastanchury Road
 Weather: Clear

File Name : 09_YLA_Plum_Bast AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

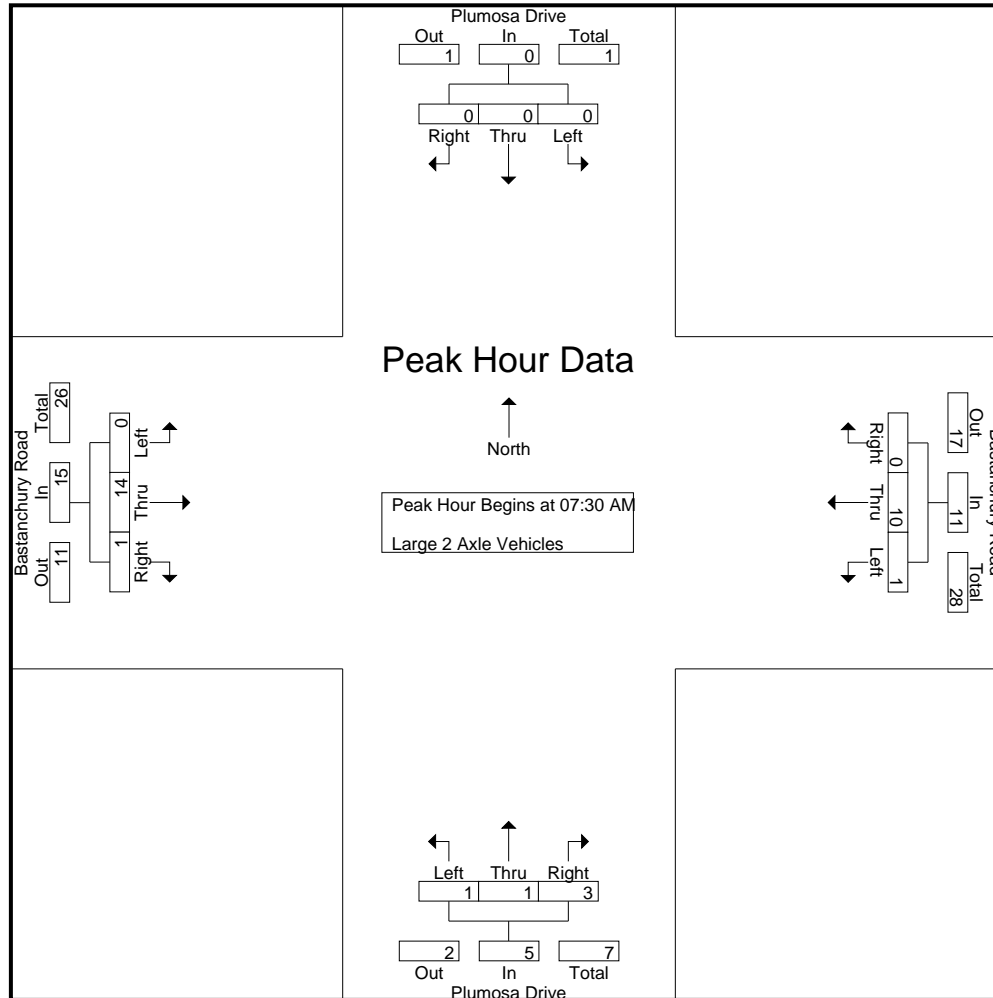
Groups Printed- Large 2 Axle Vehicles

Start Time	Plumosa Drive Southbound					Bastanchury Road Westbound					Plumosa Drive Northbound					Bastanchury Road Eastbound					Exclu. Total	Inclu. Total	Int. Total	
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total				
07:00 AM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	0	0	3	3
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	3	3
07:30 AM	0	0	0	0	0	1	4	0	0	5	1	0	1	1	2	0	1	1	0	2	1	0	9	10
07:45 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	3	0	0	3	0	0	4	4
Total	0	0	0	0	0	1	7	0	0	8	1	0	1	1	2	0	8	1	0	9	1	0	19	20
08:00 AM	0	0	0	0	0	0	2	0	0	2	0	0	1	1	1	0	2	0	0	2	1	0	5	6
08:15 AM	0	0	0	0	0	0	3	0	0	3	0	1	1	1	2	0	8	0	0	8	1	0	13	14
08:30 AM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	4	1	0	5	0	0	7	7
08:45 AM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	3	0	0	3	0	0	5	5
Total	0	0	0	0	0	0	9	0	0	9	0	1	2	2	3	0	17	1	0	18	2	0	30	32
Grand Total	0	0	0	0	0	1	16	0	0	17	1	1	3	3	5	0	25	2	0	27	3	0	49	52
Apprch %	0	0	0			5.9	94.1	0			20	20	60			0	92.6	7.4						
Total %	0	0	0			2	32.7	0		34.7	2	2	6.1		10.2	0	51	4.1		55.1	5.8		94.2	

Start Time	Plumosa Drive Southbound				Bastanchury Road Westbound				Plumosa Drive Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	0	0	0	1	4	0	5	1	0	1	2	0	1	1	2	9
07:45 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	3	0	3	4
08:00 AM	0	0	0	0	0	2	0	2	0	0	1	1	0	2	0	2	5
08:15 AM	0	0	0	0	0	3	0	3	0	1	1	2	0	8	0	8	13
Total Volume	0	0	0	0	1	10	0	11	1	1	3	5	0	14	1	15	31
% App. Total	0	0	0		9.1	90.9	0		20	20	60		0	93.3	6.7		
PHF	.000	.000	.000	.000	.250	.625	.000	.550	.250	.250	.750	.625	.000	.438	.250	.469	.596

City of Yorba Linda
 N/S: Plumosa Drive
 E/W: Bastanchury Road
 Weather: Clear

File Name : 09_YLA_Plum_Bast AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Plumosa Drive
 E/W: Bastanchury Road
 Weather: Clear

File Name : 09_YLA_Plum_Bast AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Plumosa Drive Southbound				Bastanchury Road Westbound				Plumosa Drive Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:30 AM				07:30 AM				07:30 AM				07:30 AM				
+0 mins.	0	0	0	0	1	4	0	5	1	0	1	2	0	1	1	2	
+15 mins.	0	0	0	0	0	1	0	1	0	0	0	0	0	3	0	3	
+30 mins.	0	0	0	0	0	2	0	2	0	0	1	1	0	2	0	2	
+45 mins.	0	0	0	0	0	3	0	3	0	1	1	2	0	8	0	8	
Total Volume	0	0	0	0	1	10	0	11	1	1	3	5	0	14	1	15	
% App. Total	0	0	0	0	9.1	90.9	0		20	20	60		0	93.3	6.7		
PHF	.000	.000	.000	.000	.250	.625	.000	.550	.250	.250	.750	.625	.000	.438	.250	.469	

City of Yorba Linda
 N/S: Plumosa Drive
 E/W: Bastanchury Road
 Weather: Clear

File Name : 09_YLA_Plum_Bast AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

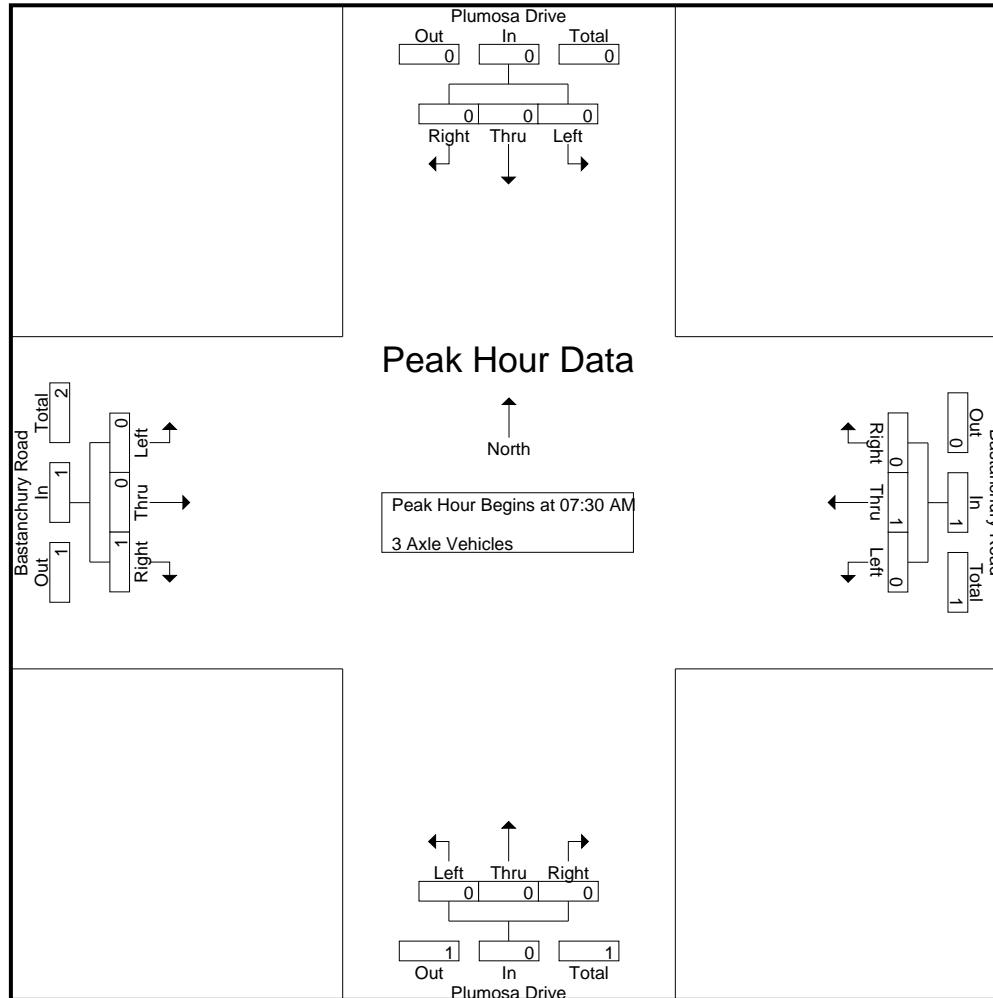
Groups Printed- 3 Axle Vehicles

Start Time	Plumosa Drive Southbound					Bastanchury Road Westbound					Plumosa Drive Northbound					Bastanchury Road Eastbound					Exclu. Total	Inclu. Total	Int. Total					
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total								
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	1	1	1	1	2
Total	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	1	1	1	0	0	1	1	1	1	2	3
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45 AM	0	0	0	0	0	0	1	0	0	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	2	3
Total	0	0	0	0	0	0	1	0	0	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	2	3
Grand Total	0	0	0	0	0	0	2	0	0	2	0	0	1	1	1	0	0	1	1	1	0	0	1	1	1	2	4	6
Apprch %	0	0	0			0	100	0			0	0	100			0	0	100										
Total %	0	0	0			0	50	0		50	0	0	25		25	0	0	25		25						33.3	66.7	

Start Time	Plumosa Drive Southbound				Bastanchury Road Westbound				Plumosa Drive Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	1	2
% App. Total	0	0	0		0	100	0		0	0	0		0	0	100		
PHF	.000	.000	.000	.000	.000	.250	.000	.250	.000	.000	.000	.000	.000	.000	.250	.250	.500

City of Yorba Linda
 N/S: Plumosa Drive
 E/W: Bastanchury Road
 Weather: Clear

File Name : 09_YLA_Plum_Bast AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Plumosa Drive
 E/W: Bastanchury Road
 Weather: Clear

File Name : 09_YLA_Plum_Bast AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Plumosa Drive Southbound				Bastanchury Road Westbound				Plumosa Drive Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:30 AM				07:30 AM				07:30 AM				07:30 AM				
+0 mins.	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	1	1
% App. Total	0	0	0	0	0	100	0	0	0	0	0	0	0	0	100	0	0
PHF	.000	.000	.000	.000	.000	.250	.000	.250	.000	.000	.000	.000	.000	.000	.250	.250	.250

City of Yorba Linda
 N/S: Plumosa Drive
 E/W: Bastanchury Road
 Weather: Clear

File Name : 09_YLA_Plum_Bast AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

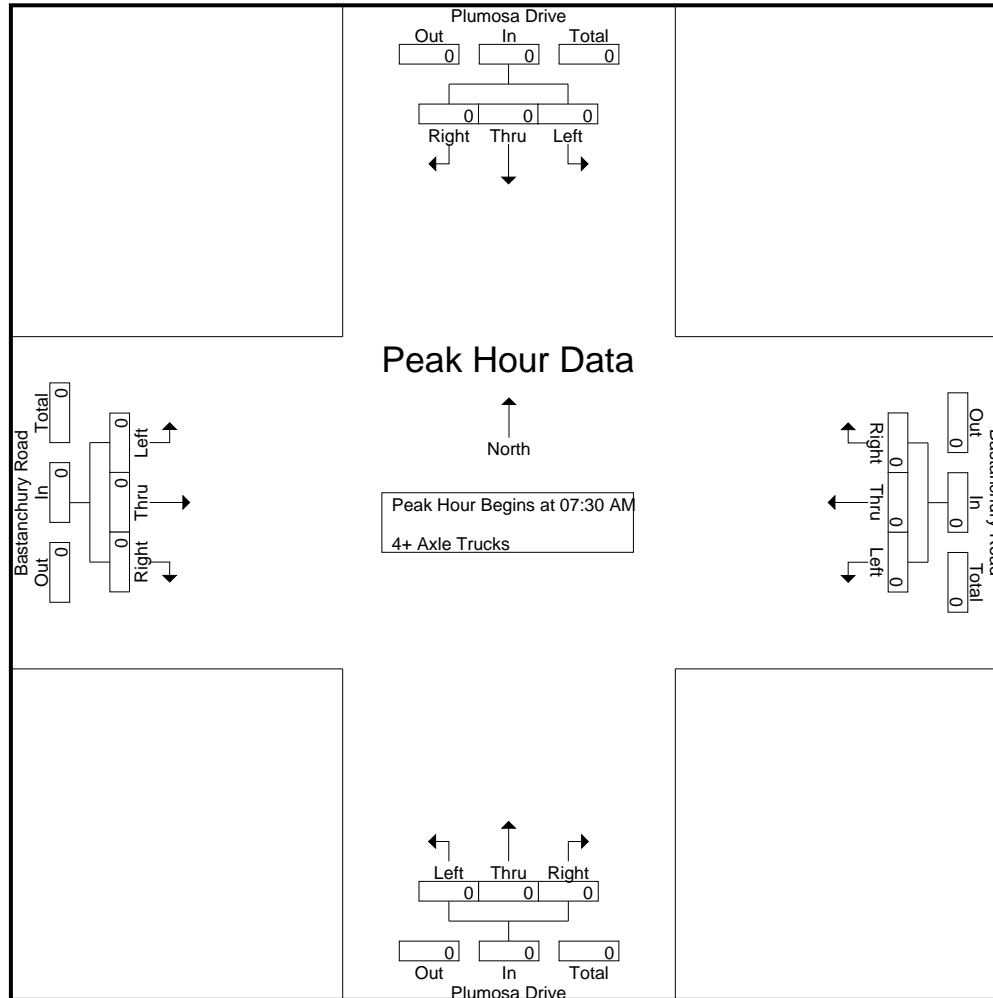
Groups Printed- 4+ Axle Trucks

Start Time	Plumosa Drive Southbound					Bastanchury Road Westbound					Plumosa Drive Northbound					Bastanchury Road Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1
Apprch %	0	0	0			0	0	0			0	0	0			0	100	0			0	0	100
Total %	0	0	0			0	0	0			0	0	0			0	100	0		100	0	0	100

Start Time	Plumosa Drive Southbound				Bastanchury Road Westbound				Plumosa Drive Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
% App. Total	0	0	0		0	0	0		0	0	0		0	0	0		
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	

City of Yorba Linda
N/S: Plumosa Drive
E/W: Bastanchury Road
Weather: Clear

File Name : 09_YLA_Plum_Bast AM
Site Code : 05122223
Start Date : 3/15/2022
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City of Yorba Linda
 N/S: Plumosa Drive
 E/W: Bastanchury Road
 Weather: Clear

File Name : 09_YLA_Plum_Bast AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Plumosa Drive Southbound				Bastanchury Road Westbound				Plumosa Drive Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:30 AM				07:30 AM				07:30 AM				07:30 AM				
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% App. Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

City of Yorba Linda
 N/S: Plumosa Drive
 E/W: Bastanchury Road
 Weather: Clear

File Name : 09_YLA_Plum_Bast PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

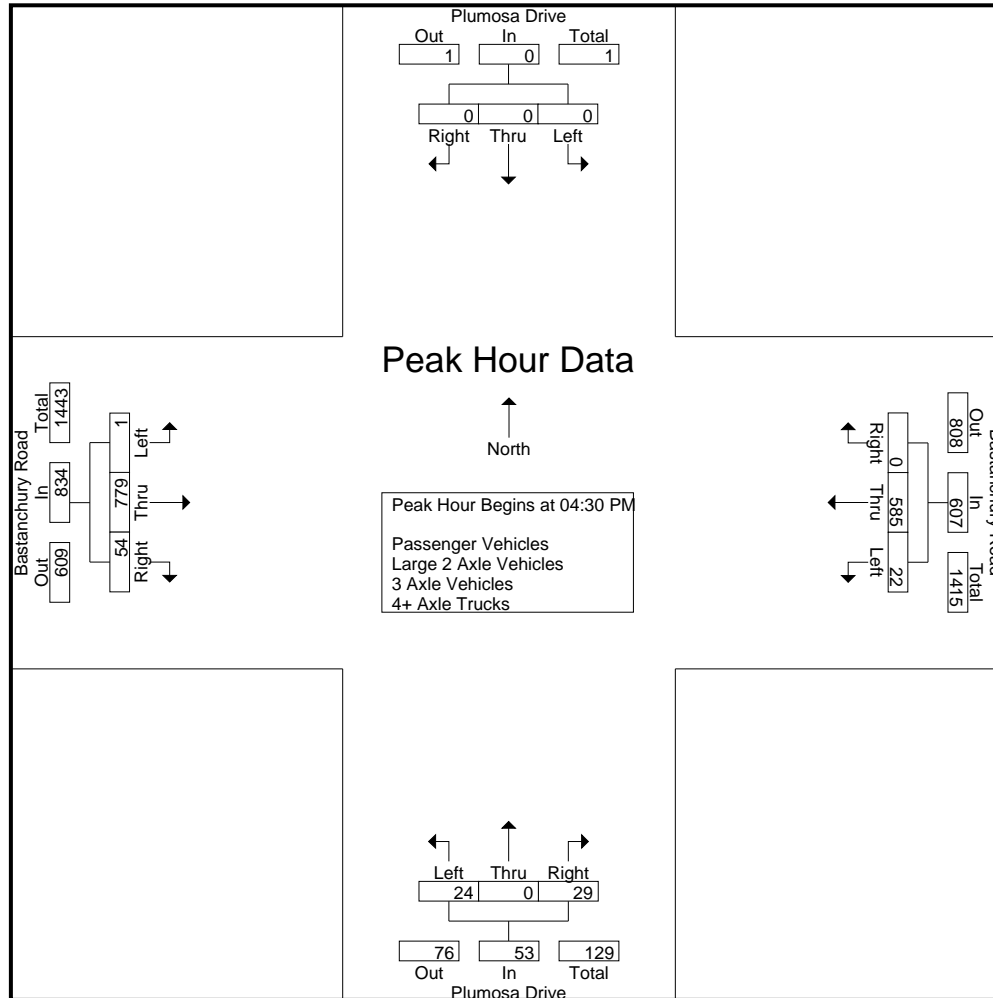
Start Time	Plumosa Drive Southbound					Bastanchury Road Westbound					Plumosa Drive Northbound					Bastanchury Road Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	0	0	0	0	0	6	159	0	0	165	8	0	3	3	11	0	168	13	2	181	5	357	362
04:15 PM	0	0	0	0	0	2	143	0	0	145	7	0	2	1	9	0	168	6	0	174	1	328	329
04:30 PM	0	0	0	0	0	7	150	0	0	157	8	0	5	3	13	0	185	13	3	198	6	368	374
04:45 PM	0	0	0	0	0	2	143	0	0	145	4	0	9	8	13	1	185	17	1	203	9	361	370
Total	0	0	0	0	0	17	595	0	0	612	27	0	19	15	46	1	706	49	6	756	21	1414	1435
05:00 PM	0	0	0	0	0	7	144	0	0	151	8	0	6	3	14	0	208	11	0	219	3	384	387
05:15 PM	0	0	0	0	0	6	148	0	0	154	4	0	9	9	13	0	201	13	0	214	9	381	390
05:30 PM	0	0	0	0	0	4	128	0	0	132	12	0	5	3	17	0	185	17	0	202	3	351	354
05:45 PM	0	0	0	0	0	1	134	0	0	135	10	0	6	5	16	0	173	13	0	186	5	337	342
Total	0	0	0	0	0	18	554	0	0	572	34	0	26	20	60	0	767	54	0	821	20	1453	1473
Grand Total	0	0	0	0	0	35	1149	0	0	1184	61	0	45	35	106	1	1473	103	6	1577	41	2867	2908
Aprch %	0	0	0			3	97	0			57.5	0	42.5			0.1	93.4	6.5					
Total %	0	0	0			1.2	40.1	0		41.3	2.1	0	1.6		3.7	0	51.4	3.6		55	1.4	98.6	
Passenger Vehicles	0	0	0			35	1136	0		1171	59	0	43		136	1	1466	102		1575	0	0	2882
% Passenger Vehicles	0	0	0			100	98.9	0		98.9	96.7	0	95.6	97.1	96.5	100	99.5	99	100	99.5	0	0	99.1
Large 2 Axle Vehicles	0	0	0			0	9	0		9	1	0	0		1	0	2	0		2	0	0	12
% Large 2 Axle Vehicles	0	0	0			0	0.8	0		0.8	1.6	0	0		0.7	0	0.1	0		0.1	0	0	0.4
3 Axle Vehicles	0	0	0			0	4	0		4	1	0	2		4	0	4	1		5	0	0	13
% 3 Axle Vehicles	0	0	0			0	0.3	0		0.3	1.6	0	4.4	2.9	2.8	0	0.3	1		0.3	0	0	0.4
4+ Axle Trucks	0	0	0			0	0	0		0	0	0	0		0	0	1	0		1	0	0	1
% 4+ Axle Trucks	0	0	0			0	0	0		0	0	0	0		0	0	0.1	0		0.1	0	0	0

Start Time	Plumosa Drive Southbound				Bastanchury Road Westbound				Plumosa Drive Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
04:30 PM	0	0	0	0	7	150	0	157	8	0	5	13	0	185	13	198	368
04:45 PM	0	0	0	0	2	143	0	145	4	0	9	13	1	185	17	203	361
05:00 PM	0	0	0	0	7	144	0	151	8	0	6	14	0	208	11	219	384
05:15 PM	0	0	0	0	6	148	0	154	4	0	9	13	0	201	13	214	381
Total Volume	0	0	0	0	22	585	0	607	24	0	29	53	1	779	54	834	1494
% App. Total	0	0	0		3.6	96.4	0		45.3	0	54.7		0.1	93.4	6.5		
PHF	.000	.000	.000	.000	.786	.975	.000	.967	.750	.000	.806	.946	.250	.936	.794	.952	.973

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
 Peak Hour for Entire Intersection Begins at 04:30 PM

City of Yorba Linda
 N/S: Plumosa Drive
 E/W: Bastanchury Road
 Weather: Clear

File Name : 09_YLA_Plum_Bast PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Plumosa Drive
 E/W: Bastanchury Road
 Weather: Clear

File Name : 09_YLA_Plum_Bast PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Plumosa Drive Southbound				Bastanchury Road Westbound				Plumosa Drive Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:00 PM				04:00 PM				05:00 PM				04:45 PM				
+0 mins.	0	0	0	0	6	159	0	165	8	0	6	14	1	185	17	203	
+15 mins.	0	0	0	0	2	143	0	145	4	0	9	13	0	208	11	219	
+30 mins.	0	0	0	0	7	150	0	157	12	0	5	17	0	201	13	214	
+45 mins.	0	0	0	0	2	143	0	145	10	0	6	16	0	185	17	202	
Total Volume	0	0	0	0	17	595	0	612	34	0	26	60	1	779	58	838	
% App. Total	0	0	0	0	2.8	97.2	0		56.7	0	43.3		0.1	93	6.9		
PHF	.000	.000	.000	.000	.607	.936	.000	.927	.708	.000	.722	.882	.250	.936	.853	.957	

City of Yorba Linda
 N/S: Plumosa Drive
 E/W: Bastanchury Road
 Weather: Clear

File Name : 09_YLA_Plum_Bast PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

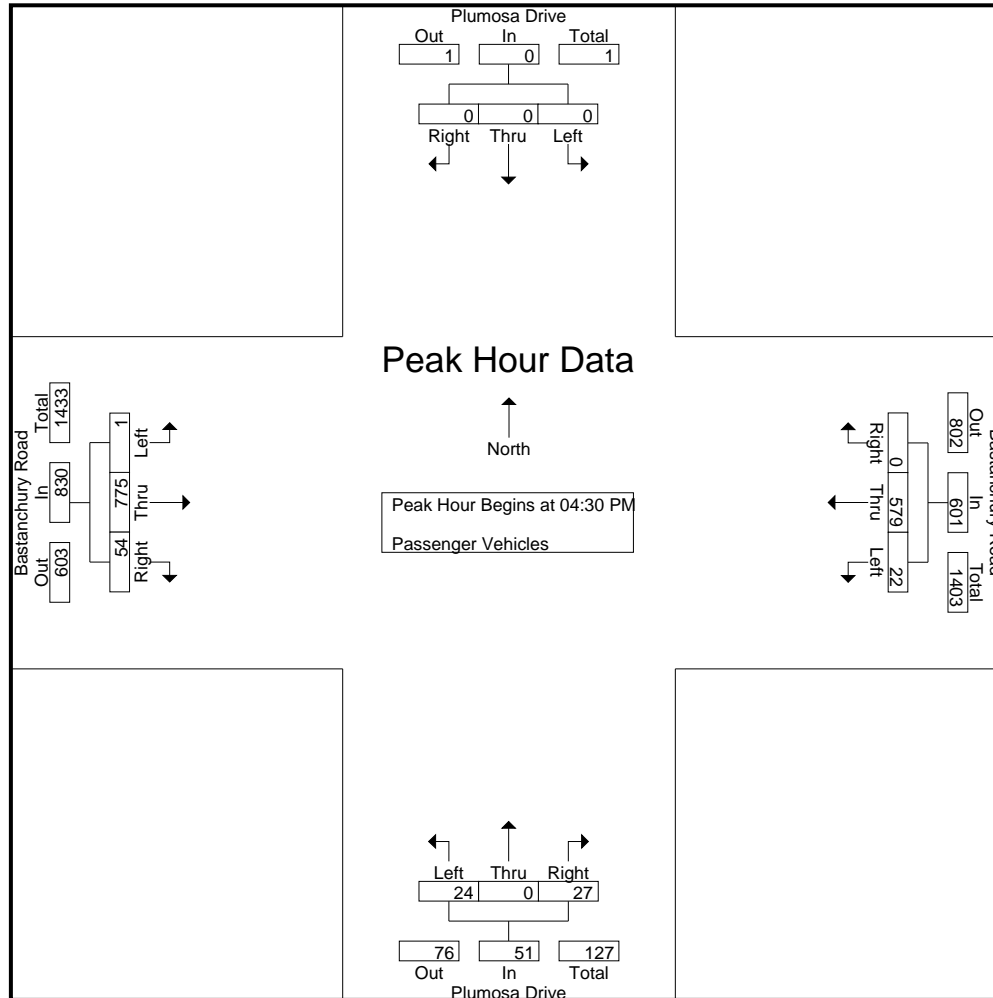
Groups Printed- Passenger Vehicles

Start Time	Plumosa Drive Southbound					Bastanchury Road Westbound					Plumosa Drive Northbound					Bastanchury Road Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	0	0	0	0	0	6	155	0	0	161	8	0	3	3	11	0	166	13	2	179	5	351	356
04:15 PM	0	0	0	0	0	2	142	0	0	144	6	0	2	1	8	0	168	6	0	174	1	326	327
04:30 PM	0	0	0	0	0	7	149	0	0	156	8	0	4	3	12	0	185	13	3	198	6	366	372
04:45 PM	0	0	0	0	0	2	143	0	0	145	4	0	9	8	13	1	185	17	1	203	9	361	370
Total	0	0	0	0	0	17	589	0	0	606	26	0	18	15	44	1	704	49	6	754	21	1404	1425
05:00 PM	0	0	0	0	0	7	142	0	0	149	8	0	5	2	13	0	204	11	0	215	2	377	379
05:15 PM	0	0	0	0	0	6	145	0	0	151	4	0	9	9	13	0	201	13	0	214	9	378	387
05:30 PM	0	0	0	0	0	4	128	0	0	132	11	0	5	3	16	0	185	16	0	201	3	349	352
05:45 PM	0	0	0	0	0	1	132	0	0	133	10	0	6	5	16	0	172	13	0	185	5	334	339
Total	0	0	0	0	0	18	547	0	0	565	33	0	25	19	58	0	762	53	0	815	19	1438	1457
Grand Total	0	0	0	0	0	35	1136	0	0	1171	59	0	43	34	102	1	1466	102	6	1569	40	2842	2882
Apprch %	0	0	0			3	97	0			57.8	0	42.2			0.1	93.4	6.5					
Total %	0	0	0			1.2	40	0		41.2	2.1	0	1.5		3.6	0	51.6	3.6		55.2	1.4	98.6	

Start Time	Plumosa Drive Southbound				Bastanchury Road Westbound				Plumosa Drive Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	0	0	0	0	7	149	0	156	8	0	4	12	0	185	13	198	366
04:45 PM	0	0	0	0	2	143	0	145	4	0	9	13	1	185	17	203	361
05:00 PM	0	0	0	0	7	142	0	149	8	0	5	13	0	204	11	215	377
05:15 PM	0	0	0	0	6	145	0	151	4	0	9	13	0	201	13	214	378
Total Volume	0	0	0	0	22	579	0	601	24	0	27	51	1	775	54	830	1482
% App. Total	0	0	0		3.7	96.3	0		47.1	0	52.9		0.1	93.4	6.5		
PHF	.000	.000	.000	.000	.786	.971	.000	.963	.750	.000	.750	.981	.250	.950	.794	.965	.980

City of Yorba Linda
 N/S: Plumosa Drive
 E/W: Bastanchury Road
 Weather: Clear

File Name : 09_YLA_Plum_Bast PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Plumosa Drive
 E/W: Bastanchury Road
 Weather: Clear

File Name : 09_YLA_Plum_Bast PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Plumosa Drive Southbound				Bastanchury Road Westbound				Plumosa Drive Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:30 PM				04:30 PM				04:30 PM				04:30 PM				
+0 mins.	0	0	0	0	7	149	0	156	8	0	4	12	0	185	13	198	
+15 mins.	0	0	0	0	2	143	0	145	4	0	9	13	1	185	17	203	
+30 mins.	0	0	0	0	7	142	0	149	8	0	5	13	0	204	11	215	
+45 mins.	0	0	0	0	6	145	0	151	4	0	9	13	0	201	13	214	
Total Volume	0	0	0	0	22	579	0	601	24	0	27	51	1	775	54	830	
% App. Total	0	0	0	0	3.7	96.3	0		47.1	0	52.9		0.1	93.4	6.5		
PHF	.000	.000	.000	.000	.786	.971	.000	.963	.750	.000	.750	.981	.250	.950	.794	.965	

City of Yorba Linda
 N/S: Plumosa Drive
 E/W: Bastanchury Road
 Weather: Clear

File Name : 09_YLA_Plum_Bast PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

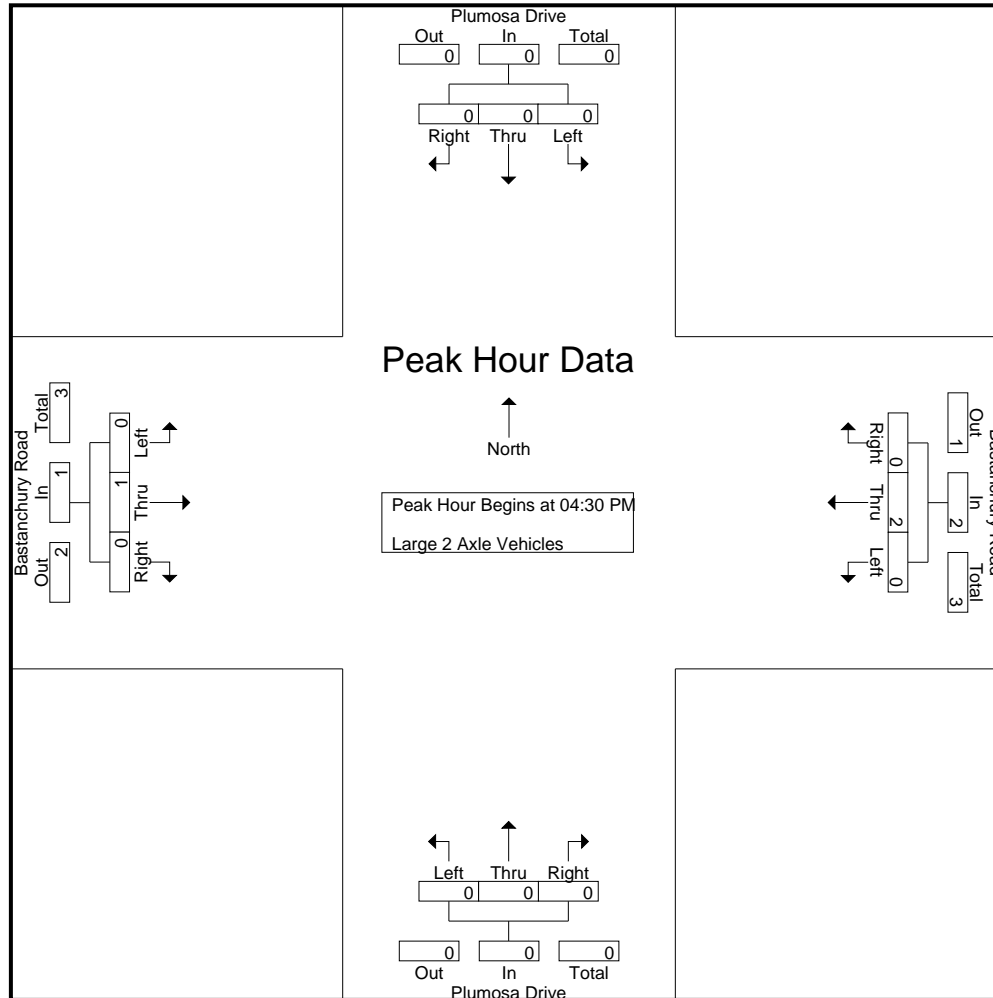
Groups Printed- Large 2 Axle Vehicles

Start Time	Plumosa Drive Southbound					Bastanchury Road Westbound					Plumosa Drive Northbound					Bastanchury Road Eastbound					Exclu. Total	Inclu. Total	Int. Total					
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total								
04:00 PM	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4
04:15 PM	0	0	0	0	0	0	1	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	2
04:30 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	6	0	0	6	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	7	7
05:00 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2	2
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1	0	3	3
Total	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	2	0	0	2	0	0	0	0	2	0	5	5
Grand Total	0	0	0	0	0	0	9	0	0	9	1	0	0	0	1	0	2	0	0	2	0	0	0	0	2	0	12	12
Apprch %	0	0	0			0	100	0			100	0	0			0	100	0								0		
Total %	0	0	0			0	75	0		75	8.3	0	0		8.3	0	16.7	0		16.7						0	100	

Start Time	Plumosa Drive Southbound				Bastanchury Road Westbound				Plumosa Drive Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1	2
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	2	0	2	0	0	0	0	0	1	0	1	3
% App. Total	0	0	0		0	100	0		0	0	0		0	100	0		
PHF	.000	.000	.000	.000	.000	.500	.000	.500	.000	.000	.000	.000	.000	.250	.000	.250	.375

City of Yorba Linda
 N/S: Plumosa Drive
 E/W: Bastanchury Road
 Weather: Clear

File Name : 09_YLA_Plum_Bast PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Plumosa Drive
 E/W: Bastanchury Road
 Weather: Clear

File Name : 09_YLA_Plum_Bast PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Plumosa Drive Southbound				Bastanchury Road Westbound				Plumosa Drive Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:30 PM				04:30 PM				04:30 PM				04:30 PM				
+0 mins.	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	0	1
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	2	0	2	0	0	0	0	0	1	0	0	1
% App. Total	0	0	0	0	0	100	0	0	0	0	0	0	0	100	0	0	0
PHF	.000	.000	.000	.000	.000	.500	.000	.500	.000	.000	.000	.000	.000	.250	.000	.250	

City of Yorba Linda
 N/S: Plumosa Drive
 E/W: Bastanchury Road
 Weather: Clear

File Name : 09_YLA_Plum_Bast PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

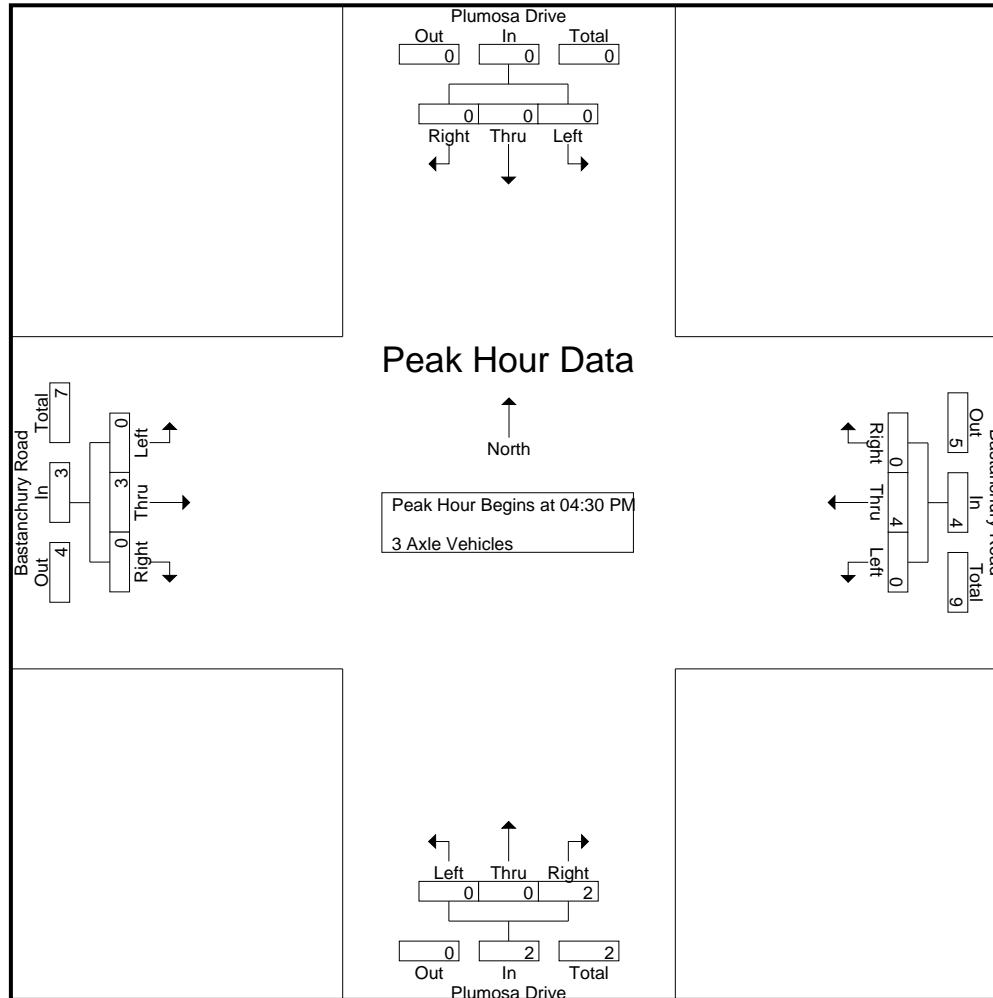
Groups Printed- 3 Axle Vehicles

Start Time	Plumosa Drive Southbound					Bastanchury Road Westbound					Plumosa Drive Northbound					Bastanchury Road Eastbound					Exclu. Total	Inclu. Total	Int. Total					
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total								
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	1
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	1	0	0	0	0	0	0	2	2
05:00 PM	0	0	0	0	0	0	1	0	0	1	0	0	1	1	1	0	3	0	0	3	1	5	6					
05:15 PM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3	3					
05:30 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	0	1	0	2	2					
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Total	0	0	0	0	0	0	4	0	0	4	1	0	1	1	2	0	3	1	0	4	1	10	11					
Grand Total	0	0	0	0	0	0	4	0	0	4	1	0	2	1	3	0	4	1	0	5	1	12	13					
Apprch %	0	0	0			0	100	0			33.3	0	66.7			0	80	20										
Total %	0	0	0			0	33.3	0		33.3	8.3	0	16.7		25	0	33.3	8.3		41.7	7.7	92.3						

Start Time	Plumosa Drive Southbound				Bastanchury Road Westbound				Plumosa Drive Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00 PM	0	0	0	0	0	1	0	1	0	0	1	1	0	3	0	3	5
05:15 PM	0	0	0	0	0	3	0	3	0	0	0	0	0	0	0	0	3
Total Volume	0	0	0	0	0	4	0	4	0	0	2	2	0	3	0	3	9
% App. Total	0	0	0		0	100	0		0	0	100		0	100	0		
PHF	.000	.000	.000	.000	.000	.333	.000	.333	.000	.000	.500	.500	.000	.250	.000	.250	.450

City of Yorba Linda
 N/S: Plumosa Drive
 E/W: Bastanchury Road
 Weather: Clear

File Name : 09_YLA_Plum_Bast PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Plumosa Drive
 E/W: Bastanchury Road
 Weather: Clear

File Name : 09_YLA_Plum_Bast PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Plumosa Drive Southbound				Bastanchury Road Westbound				Plumosa Drive Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:30 PM				04:30 PM				04:30 PM				04:30 PM				
+0 mins.	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	1	0	1	0	0	1	1	0	3	0	3	3
+45 mins.	0	0	0	0	0	3	0	3	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	4	0	4	0	0	2	2	0	3	0	3	3
% App. Total	0	0	0	0	0	100	0	100	0	0	100	100	0	100	0	100	100
PHF	.000	.000	.000	.000	.000	.333	.000	.333	.000	.000	.500	.500	.000	.250	.000	.250	.250

City of Yorba Linda
 N/S: Plumosa Drive
 E/W: Bastanchury Road
 Weather: Clear

File Name : 09_YLA_Plum_Bast PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

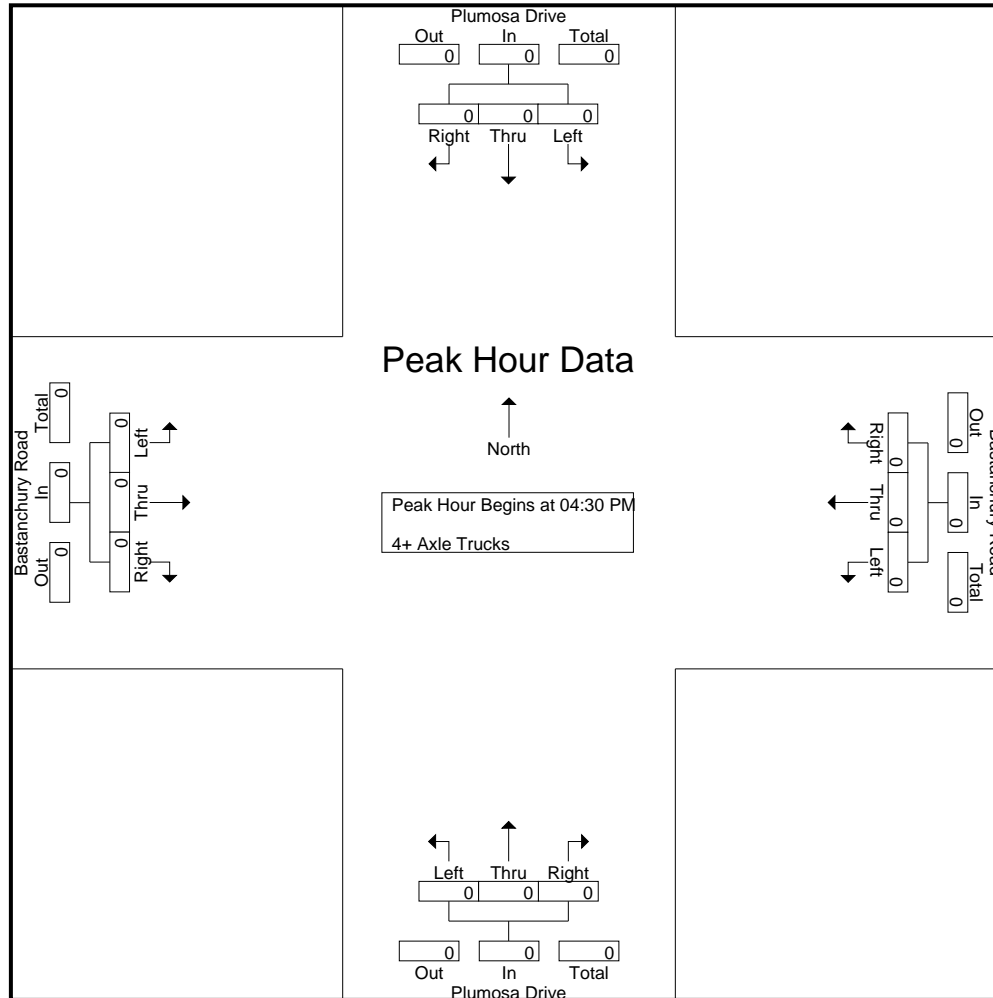
Groups Printed- 4+ Axle Trucks

Start Time	Plumosa Drive Southbound					Bastanchury Road Westbound					Plumosa Drive Northbound					Bastanchury Road Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1
Apprch %	0	0	0			0	0	0			0	0	0			0	100	0			0	0	100
Total %	0	0	0			0	0	0			0	0	0			0	100	0		100	0	0	100

Start Time	Plumosa Drive Southbound				Bastanchury Road Westbound				Plumosa Drive Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
% App. Total	0	0	0		0	0	0		0	0	0		0	0	0		
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	

City of Yorba Linda
N/S: Plumosa Drive
E/W: Bastanchury Road
Weather: Clear

File Name : 09_YLA_Plum_Bast PM
Site Code : 05122223
Start Date : 3/15/2022
Page No : 2



City of Yorba Linda
 N/S: Plumosa Drive
 E/W: Bastanchury Road
 Weather: Clear

File Name : 09_YLA_Plum_Bast PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Plumosa Drive Southbound				Bastanchury Road Westbound				Plumosa Drive Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:30 PM				04:30 PM				04:30 PM				04:30 PM				
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% App. Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

Location: Yorba Linda
 N/S: Plumosa Drive
 E/W: Bastanchury Road



Date: 3/15/2022
 Day: Tuesday

PEDESTRIANS

	North Leg Plumosa Drive	East Leg Bastanchury Road	South Leg Plumosa Drive	West Leg Bastanchury Road	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	1	0	0	1
7:15 AM	0	0	0	0	0
7:30 AM	0	0	0	0	0
7:45 AM	0	0	1	0	1
8:00 AM	0	0	0	0	0
8:15 AM	0	0	1	0	1
8:30 AM	0	2	0	0	2
8:45 AM	0	0	0	0	0
TOTAL VOLUMES:	0	3	2	0	5

	North Leg Plumosa Drive	East Leg Bastanchury Road	South Leg Plumosa Drive	West Leg Bastanchury Road	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	1	0	1
4:15 PM	0	0	0	0	0
4:30 PM	0	3	3	0	6
4:45 PM	0	0	2	0	2
5:00 PM	0	0	0	0	0
5:15 PM	0	2	2	0	4
5:30 PM	0	1	2	0	3
5:45 PM	0	2	2	0	4
TOTAL VOLUMES:	0	8	12	0	20

Location: Yorba Linda
 N/S: Plumosa Drive
 E/W: Bastanchury Road



Date: 3/15/2022
 Day: Tuesday

BICYCLES

	Southbound Plumosa Drive			Westbound Bastanchury Road			Northbound Plumosa Drive			Eastbound Bastanchury Road			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
8:15 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
8:30 AM	0	0	0	0	4	0	0	0	0	0	0	0	4
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	6	0	0	0	0	0	1	0	7

	Southbound Plumosa Drive			Westbound Bastanchury Road			Northbound Plumosa Drive			Eastbound Bastanchury Road			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
5:00 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	1	0	0	0	0	0	1	0	2

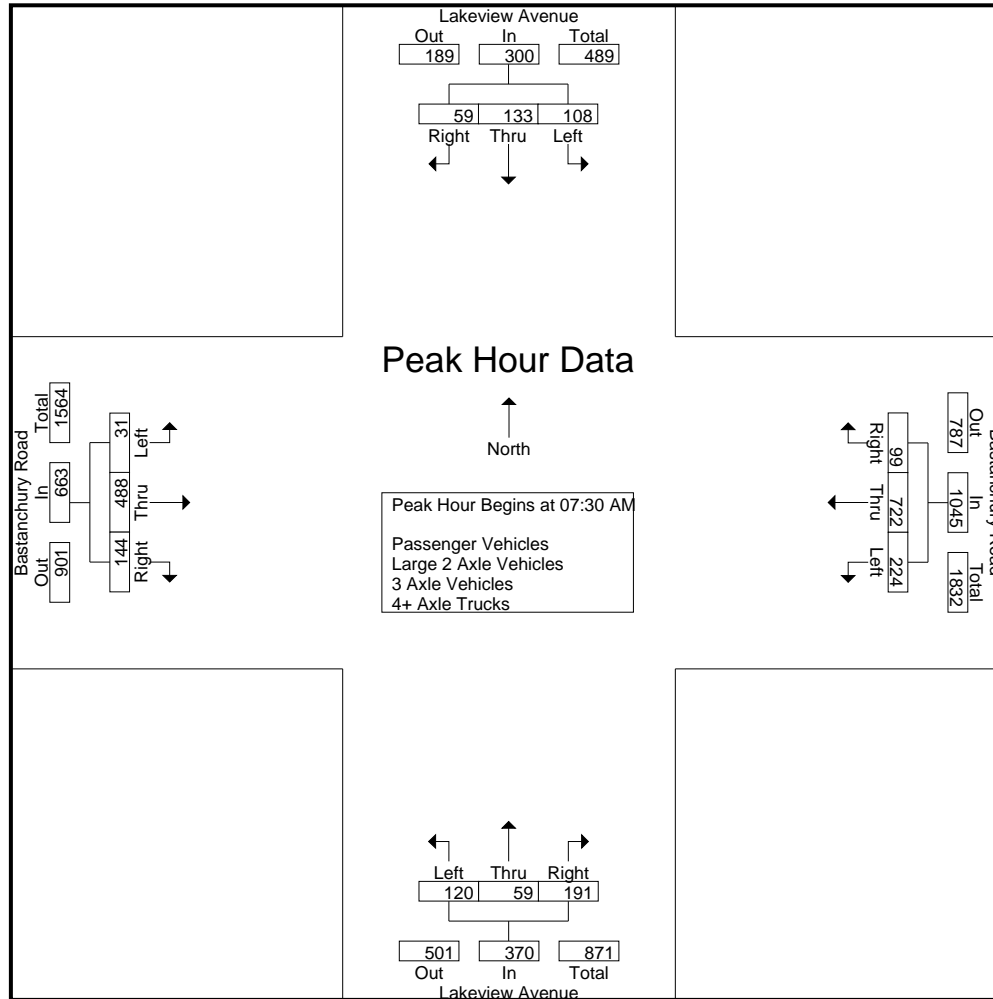
City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Bastanchury Road
 Weather: Clear

File Name : 10_YLA_Lake_Bast AM
 Site Code : 05122223
 Start Date : 3/15/2022
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Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

Start Time	Lakeview Avenue Southbound					Bastanchury Road Westbound					Lakeview Avenue Northbound					Bastanchury Road Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	9	21	7	4	37	33	106	8	0	147	20	11	16	10	47	1	45	11	2	57	16	288	304
07:15 AM	7	16	12	7	35	39	164	16	3	219	24	8	27	15	59	6	52	17	6	75	31	388	419
07:30 AM	51	51	21	11	123	45	218	35	4	298	32	8	72	35	112	4	127	31	8	162	58	695	753
07:45 AM	33	42	13	10	88	84	159	38	2	281	30	19	54	29	103	13	170	50	4	233	45	705	750
Total	100	130	53	32	283	201	647	97	9	945	106	46	169	89	321	24	394	109	20	527	150	2076	2226
08:00 AM	17	18	8	7	43	52	160	13	0	225	26	19	30	23	75	7	96	32	1	135	31	478	509
08:15 AM	7	22	17	11	46	43	185	13	0	241	32	13	35	20	80	7	95	31	6	133	37	500	537
08:30 AM	9	15	14	6	38	35	147	4	0	186	34	10	22	10	66	11	89	17	3	117	19	407	426
08:45 AM	13	14	5	4	32	34	118	8	1	160	26	17	40	24	83	9	85	19	4	113	33	388	421
Total	46	69	44	28	159	164	610	38	1	812	118	59	127	77	304	34	365	99	14	498	120	1773	1893
Grand Total	146	199	97	60	442	365	1257	135	10	1757	224	105	296	166	625	58	759	208	34	1025	270	3849	4119
Apprch %	33	45	21.9			20.8	71.5	7.7			35.8	16.8	47.4			5.7	74	20.3					
Total %	3.8	5.2	2.5		11.5	9.5	32.7	3.5		45.6	5.8	2.7	7.7		16.2	1.5	19.7	5.4		26.6	6.6	93.4	
Passenger Vehicles	145	194	95		494	360	1243	133		1746	221	104	289		774	56	741	203		1033	0	0	4047
% Passenger Vehicles	99.3	97.5	97.9	100	98.4	98.6	98.9	98.5	100	98.8	98.7	99	97.6	96.4	97.9	96.6	97.6	97.6	97.1	97.5	0	0	98.3
Large 2 Axle Vehicles	1	5	1		7	4	13	1		18	3	1	6		15	2	17	5		25	0	0	65
% Large 2 Axle Vehicles	0.7	2.5	1	0	1.4	1.1	1	0.7	0	1	1.3	1	2	3	1.9	3.4	2.2	2.4	2.9	2.4	0	0	1.6
3 Axle Vehicles	0	0	1		1	1	1	1		3	0	0	0		0	0	1	0		1	0	0	5
% 3 Axle Vehicles	0	0	1	0	0.2	0.3	0.1	0.7	0	0.2	0	0	0	0	0	0	0.1	0	0	0.1	0	0	0.1
4+ Axle Trucks	0	0	0		0	0	0	0		0	0	0	1		2	0	0	0		0	0	0	2
% 4+ Axle Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0

Start Time	Lakeview Avenue Southbound				Bastanchury Road Westbound				Lakeview Avenue Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	51	51	21	123	45	218	35	298	32	8	72	112	4	127	31	162	695
07:45 AM	33	42	13	88	84	159	38	281	30	19	54	103	13	170	50	233	705
08:00 AM	17	18	8	43	52	160	13	225	26	19	30	75	7	96	32	135	478
08:15 AM	7	22	17	46	43	185	13	241	32	13	35	80	7	95	31	133	500
Total Volume	108	133	59	300	224	722	99	1045	120	59	191	370	31	488	144	663	2378
% App. Total	36	44.3	19.7		21.4	69.1	9.5		32.4	15.9	51.6		4.7	73.6	21.7		
PHF	.529	.652	.702	.610	.667	.828	.651	.877	.938	.776	.663	.826	.596	.718	.720	.711	.843



City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Bastanchury Road
 Weather: Clear

File Name : 10_YLA_Lake_Bast AM
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 Page No : 3

Start Time	Lakeview Avenue Southbound				Bastanchury Road Westbound				Lakeview Avenue Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:30 AM				07:30 AM				07:30 AM				07:30 AM				
+0 mins.	51	51	21	123	45	218	35	298	32	8	72	112	4	127	31	162	
+15 mins.	33	42	13	88	84	159	38	281	30	19	54	103	13	170	50	233	
+30 mins.	17	18	8	43	52	160	13	225	26	19	30	75	7	96	32	135	
+45 mins.	7	22	17	46	43	185	13	241	32	13	35	80	7	95	31	133	
Total Volume	108	133	59	300	224	722	99	1045	120	59	191	370	31	488	144	663	
% App. Total	36	44.3	19.7		21.4	69.1	9.5		32.4	15.9	51.6		4.7	73.6	21.7		
PHF	.529	.652	.702	.610	.667	.828	.651	.877	.938	.776	.663	.826	.596	.718	.720	.711	

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Bastanchury Road
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File Name : 10_YLA_Lake_Bast AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

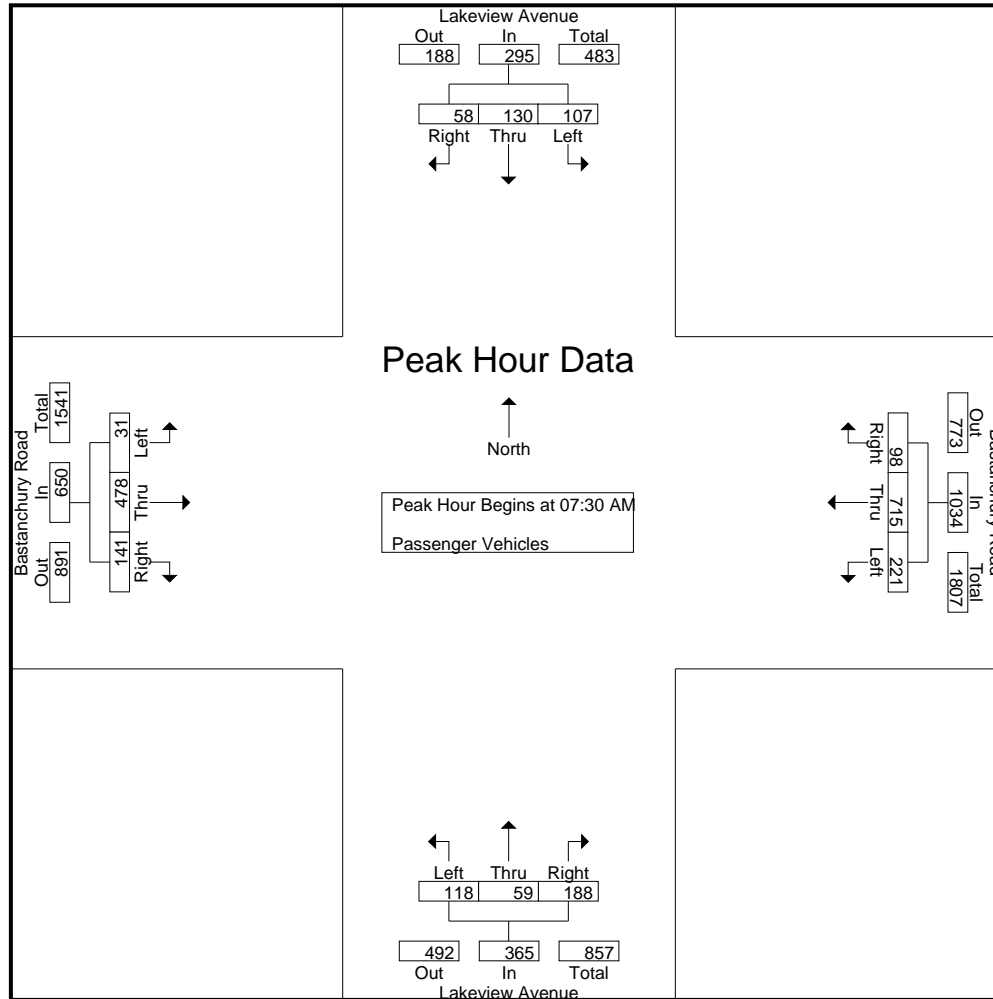
Groups Printed- Passenger Vehicles

Start Time	Lakeview Avenue Southbound					Bastanchury Road Westbound					Lakeview Avenue Northbound					Bastanchury Road Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	9	21	6	4	36	33	105	7	0	145	20	11	14	9	45	0	44	10	1	54	14	280	294
07:15 AM	7	14	12	7	33	39	163	16	3	218	24	7	27	15	58	6	50	17	6	73	31	382	413
07:30 AM	50	49	20	11	119	45	215	35	4	295	32	8	70	33	110	4	126	31	8	161	56	685	741
07:45 AM	33	42	13	10	88	82	158	38	2	278	30	19	54	29	103	13	168	49	4	230	45	699	744
Total	99	126	51	32	276	199	641	96	9	936	106	45	165	86	316	23	388	107	19	518	146	2046	2192
08:00 AM	17	17	8	7	42	52	158	13	0	223	26	19	29	22	74	7	95	31	1	133	30	472	502
08:15 AM	7	22	17	11	46	42	184	12	0	238	30	13	35	20	78	7	89	30	6	126	37	488	525
08:30 AM	9	15	14	6	38	35	145	4	0	184	33	10	21	9	64	10	86	16	3	112	18	398	416
08:45 AM	13	14	5	4	32	32	115	8	1	155	26	17	39	23	82	9	83	19	4	111	32	380	412
Total	46	68	44	28	158	161	602	37	1	800	115	59	124	74	298	33	353	96	14	482	117	1738	1855
Grand Total	145	194	95	60	434	360	1243	133	10	1736	221	104	289	160	614	56	741	203	33	1000	263	3784	4047
Apprch %	33.4	44.7	21.9			20.7	71.6	7.7			36	16.9	47.1			5.6	74.1	20.3					
Total %	3.8	5.1	2.5		11.5	9.5	32.8	3.5		45.9	5.8	2.7	7.6		16.2	1.5	19.6	5.4		26.4	6.5	93.5	

Start Time	Lakeview Avenue Southbound				Bastanchury Road Westbound				Lakeview Avenue Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:15 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	50	49	20	119	45	215	35	295	32	8	70	110	4	126	31	161	685
07:45 AM	33	42	13	88	82	158	38	278	30	19	54	103	13	168	49	230	699
08:00 AM	17	17	8	42	52	158	13	223	26	19	29	74	7	95	31	133	472
08:15 AM	7	22	17	46	42	184	12	238	30	13	35	78	7	89	30	126	488
Total Volume	107	130	58	295	221	715	98	1034	118	59	188	365	31	478	141	650	2344
% App. Total	36.3	44.1	19.7		21.4	69.1	9.5		32.3	16.2	51.5		4.8	73.5	21.7		
PHF	.535	.663	.725	.620	.674	.831	.645	.876	.922	.776	.671	.830	.596	.711	.719	.707	.838

City of Yorba Linda
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 Weather: Clear

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City of Yorba Linda
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 E/W: Bastanchury Road
 Weather: Clear

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Start Time	Lakeview Avenue Southbound				Bastanchury Road Westbound				Lakeview Avenue Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:15 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:30 AM				07:30 AM				07:30 AM				07:30 AM				
+0 mins.	50	49	20	119	45	215	35	295	32	8	70	110	4	126	31	161	
+15 mins.	33	42	13	88	82	158	38	278	30	19	54	103	13	168	49	230	
+30 mins.	17	17	8	42	52	158	13	223	26	19	29	74	7	95	31	133	
+45 mins.	7	22	17	46	42	184	12	238	30	13	35	78	7	89	30	126	
Total Volume	107	130	58	295	221	715	98	1034	118	59	188	365	31	478	141	650	
% App. Total	36.3	44.1	19.7		21.4	69.1	9.5		32.3	16.2	51.5		4.8	73.5	21.7		
PHF	.535	.663	.725	.620	.674	.831	.645	.876	.922	.776	.671	.830	.596	.711	.719	.707	

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Bastanchury Road
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File Name : 10_YLA_Lake_Bast AM
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 Start Date : 3/15/2022
 Page No : 1

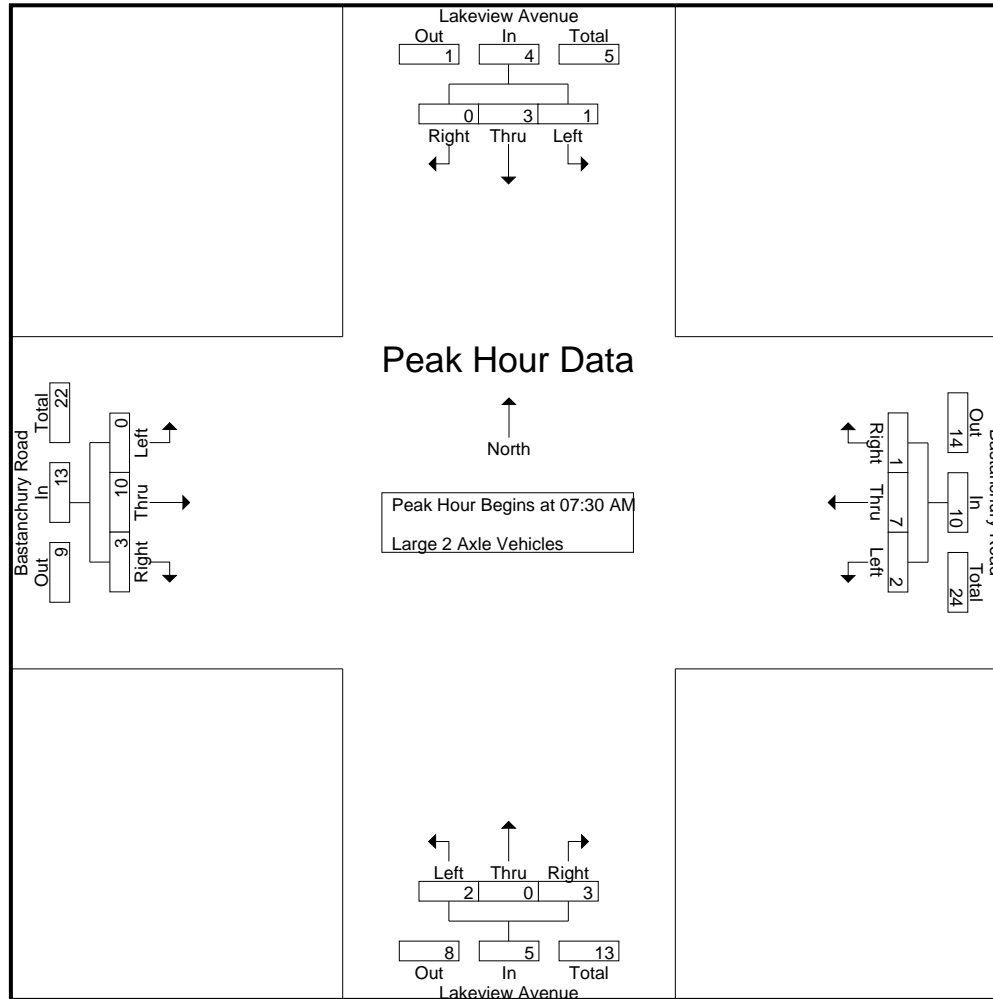
Groups Printed- Large 2 Axle Vehicles

Start Time	Lakeview Avenue Southbound					Bastanchury Road Westbound					Lakeview Avenue Northbound					Bastanchury Road Eastbound					Exclu. Total	Inclu. Total	Int. Total	
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total				
07:00 AM	0	0	1	0	1	0	1	0	0	1	0	0	2	1	2	1	0	1	1	2	2	2	6	8
07:15 AM	0	2	0	0	2	0	1	0	0	1	0	1	0	0	1	0	2	0	0	2	0	6	6	6
07:30 AM	1	2	0	0	3	0	3	0	0	3	0	0	2	2	2	0	1	0	0	1	2	9	11	11
07:45 AM	0	0	0	0	0	2	1	0	0	3	0	0	0	0	0	0	2	1	0	3	0	6	6	6
Total	1	4	1	0	6	2	6	0	0	8	0	1	4	3	5	1	5	2	1	8	4	27	31	31
08:00 AM	0	1	0	0	1	0	2	0	0	2	0	0	1	1	1	0	1	1	0	2	1	6	7	7
08:15 AM	0	0	0	0	0	0	1	1	0	2	2	0	0	0	2	0	6	1	0	7	0	11	11	11
08:30 AM	0	0	0	0	0	0	2	0	0	2	1	0	1	1	2	1	3	1	0	5	1	9	10	10
08:45 AM	0	0	0	0	0	2	2	0	0	4	0	0	0	0	0	0	2	0	0	2	0	6	6	6
Total	0	1	0	0	1	2	7	1	0	10	3	0	2	2	5	1	12	3	0	16	2	32	34	34
Grand Total	1	5	1	0	7	4	13	1	0	18	3	1	6	5	10	2	17	5	1	24	6	59	65	65
Apprch %	14.3	71.4	14.3			22.2	72.2	5.6			30	10	60			8.3	70.8	20.8						
Total %	1.7	8.5	1.7		11.9	6.8	22	1.7		30.5	5.1	1.7	10.2		16.9	3.4	28.8	8.5		40.7	9.2	90.8		

Start Time	Lakeview Avenue Southbound				Bastanchury Road Westbound				Lakeview Avenue Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:15 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	1	2	0	3	0	3	0	3	0	0	2	2	0	1	0	1	9
07:45 AM	0	0	0	0	2	1	0	3	0	0	0	0	0	2	1	3	6
08:00 AM	0	1	0	1	0	2	0	2	0	0	1	1	0	1	1	2	6
08:15 AM	0	0	0	0	0	1	1	2	2	0	0	2	0	6	1	7	11
Total Volume	1	3	0	4	2	7	1	10	2	0	3	5	0	10	3	13	32
% App. Total	25	75	0		20	70	10		40	0	60		0	76.9	23.1		
PHF	.250	.375	.000	.333	.250	.583	.250	.833	.250	.000	.375	.625	.000	.417	.750	.464	.727

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Bastanchury Road
 Weather: Clear

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City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Bastanchury Road
 Weather: Clear

File Name : 10_YLA_Lake_Bast AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Lakeview Avenue Southbound				Bastanchury Road Westbound				Lakeview Avenue Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:15 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:15 AM				07:30 AM				07:30 AM				07:30 AM				
+0 mins.	0	2	0	2	0	3	0	3	0	0	2	2	0	1	0	1	
+15 mins.	1	2	0	3	2	1	0	3	0	0	0	0	0	2	1	3	
+30 mins.	0	0	0	0	0	2	0	2	0	0	1	1	0	1	1	2	
+45 mins.	0	1	0	1	0	1	1	2	2	0	0	2	0	6	1	7	
Total Volume	1	5	0	6	2	7	1	10	2	0	3	5	0	10	3	13	
% App. Total	16.7	83.3	0		20	70	10		40	0	60		0	76.9	23.1		
PHF	.250	.625	.000	.500	.250	.583	.250	.833	.250	.000	.375	.625	.000	.417	.750	.464	

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Bastanchury Road
 Weather: Clear

File Name : 10_YLA_Lake_Bast AM
 Site Code : 05122223
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 Page No : 1

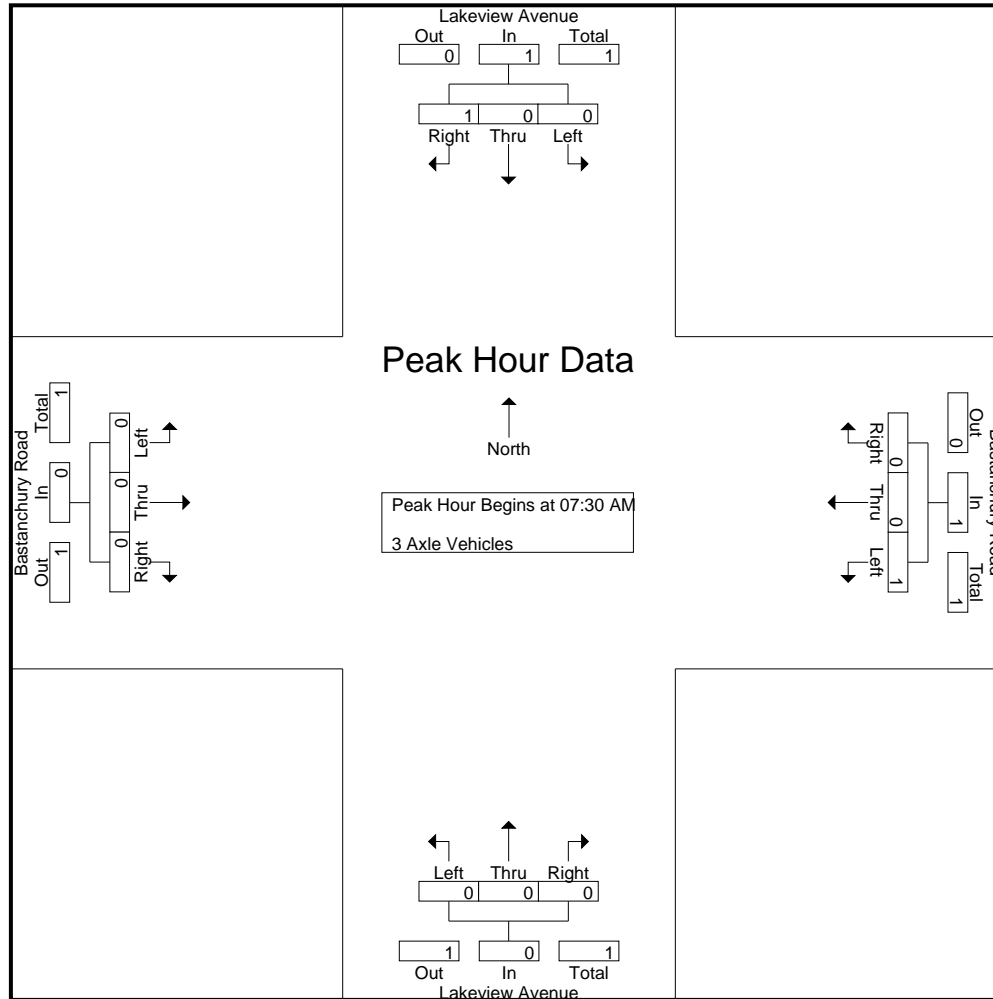
Groups Printed- 3 Axle Vehicles

Start Time	Lakeview Avenue Southbound					Bastanchury Road Westbound					Lakeview Avenue Northbound					Bastanchury Road Eastbound					Exclu. Total	Inclu. Total	Int. Total	
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total				
07:00 AM	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	0	0	1	0	0	2	2
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	1	0	1	0	0	1	0	1	0	0	0	0	0	0	1	0	0	1	0	3	3	3
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15 AM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1
Total	0	0	0	0	0	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	2
Grand Total	0	0	1	0	1	1	1	1	0	3	0	0	0	0	0	0	1	0	0	1	0	5	5	5
Apprch %	0	0	100			33.3	33.3	33.3			0	0	0			0	100	0			0			
Total %	0	0	20		20	20	20	20		60	0	0	0		0	0	20	0		20	0	100		

Start Time	Lakeview Avenue Southbound				Bastanchury Road Westbound				Lakeview Avenue Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:15 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15 AM	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1
Total Volume	0	0	1	1	1	0	0	1	0	0	0	0	0	0	0	0	2
% App. Total	0	0	100		100	0	0		0	0	0		0	0	0		
PHF	.000	.000	.250	.250	.250	.000	.000	.250	.000	.000	.000	.000	.000	.000	.000	.000	.500

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Bastanchury Road
 Weather: Clear

File Name : 10_YLA_Lake_Bast AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



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 N/S: Lakeview Avenue
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File Name : 10_YLA_Lake_Bast AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Lakeview Avenue Southbound				Bastanchury Road Westbound				Lakeview Avenue Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:15 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:15 AM				07:30 AM				07:15 AM				07:15 AM				
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
+15 mins.	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
+45 mins.	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	
Total Volume	0	0	1	1	1	0	0	1	0	0	0	0	0	0	0	0	
% App. Total	0	0	100		100	0	0		0	0	0		0	0	0		
PHF	.000	.000	.250	.250	.250	.000	.000	.250	.000	.000	.000	.000	.000	.000	.000	.000	

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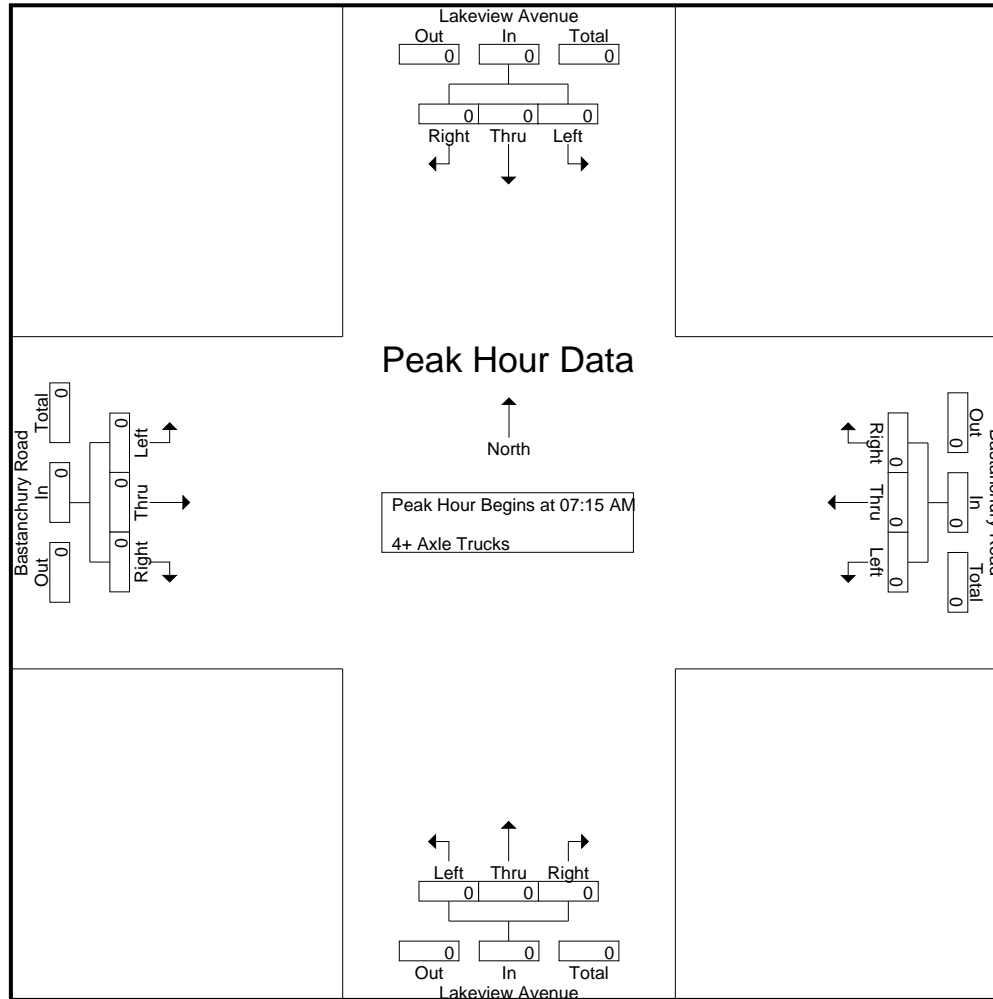
Groups Printed- 4+ Axle Trucks

Start Time	Lakeview Avenue Southbound					Bastanchury Road Westbound					Lakeview Avenue Northbound					Bastanchury Road Eastbound					Exclu. Total	Inclu. Total	Int. Total				
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total							
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	2	1	1	2
Total	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	2	1	1	2
Grand Total	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	2	1	1	2
Apprch %	0	0	0			0	0	0			0	0	100			0	0	0			0	50	50		50	50	
Total %	0	0	0			0	0	0			0	0	100		100	0	0	0			0	50	50		50	50	

Start Time	Lakeview Avenue Southbound				Bastanchury Road Westbound				Lakeview Avenue Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:15 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:15 AM																	
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% App. Total	0	0	0		0	0	0		0	0	0		0	0	0		
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

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Start Time	Lakeview Avenue Southbound				Bastanchury Road Westbound				Lakeview Avenue Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:15 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:15 AM				07:15 AM				07:15 AM				07:15 AM				
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% App. Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

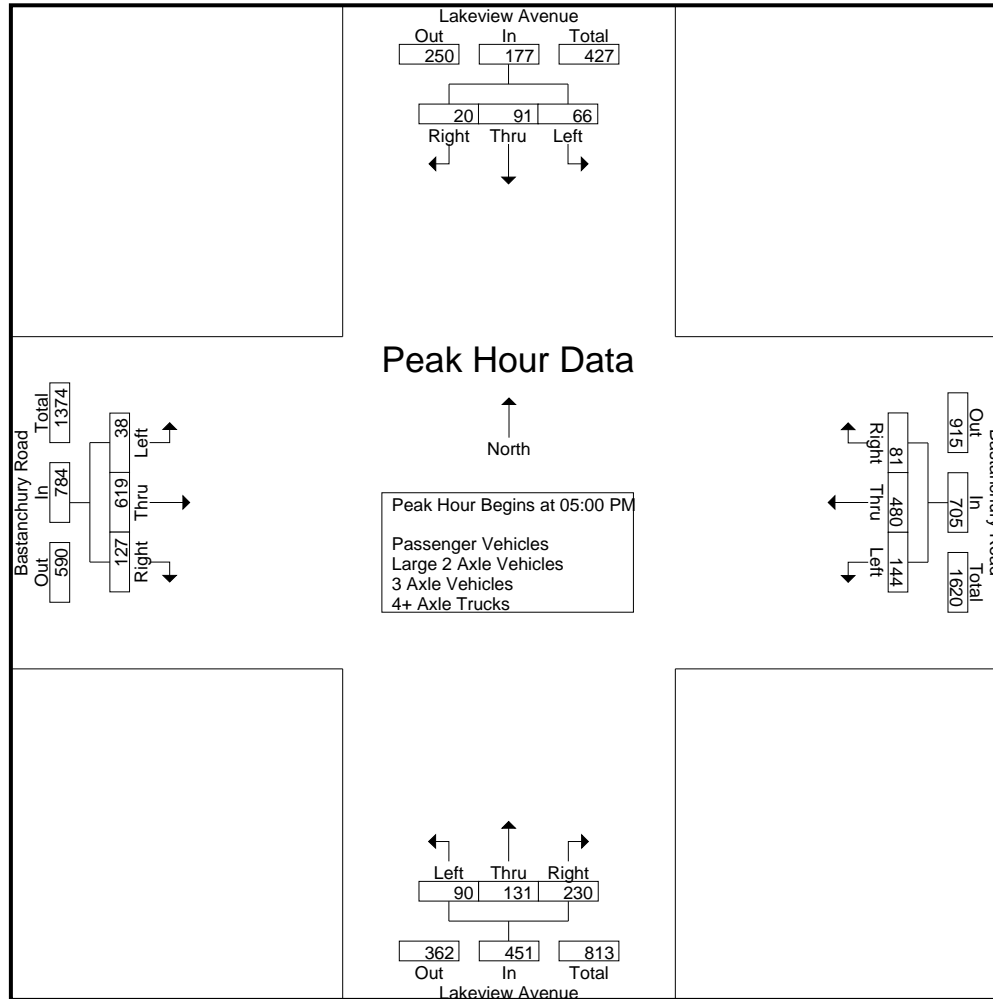
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File Name : 10_YLA_Lake_Bast PM
 Site Code : 05122223
 Start Date : 3/15/2022
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Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

Start Time	Lakeview Avenue Southbound					Bastanchury Road Westbound					Lakeview Avenue Northbound					Bastanchury Road Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	19	27	9	5	55	49	119	18	2	186	30	14	51	26	95	8	142	35	9	185	42	521	563
04:15 PM	20	24	7	6	51	40	110	28	6	178	31	27	56	22	114	13	128	27	5	168	39	511	550
04:30 PM	18	21	10	3	49	47	125	11	3	183	25	20	50	19	95	5	161	31	4	197	29	524	553
04:45 PM	11	24	10	6	45	37	116	18	2	171	21	29	50	16	100	12	153	36	4	201	28	517	545
Total	68	96	36	20	200	173	470	75	13	718	107	90	207	83	404	38	584	129	22	751	138	2073	2211
05:00 PM	19	17	5	5	41	43	121	15	2	179	23	23	63	34	109	9	166	37	3	212	44	541	585
05:15 PM	16	14	5	5	35	25	132	23	3	180	18	33	51	14	102	10	163	35	4	208	26	525	551
05:30 PM	16	28	2	1	46	41	107	21	3	169	31	23	54	18	108	8	137	28	4	173	26	496	522
05:45 PM	15	32	8	3	55	35	120	22	3	177	18	52	62	25	132	11	153	27	5	191	36	555	591
Total	66	91	20	14	177	144	480	81	11	705	90	131	230	91	451	38	619	127	16	784	132	2117	2249
Grand Total	134	187	56	34	377	317	950	156	24	1423	197	221	437	174	855	76	1203	256	38	1535	270	4190	4460
Apprch %	35.5	49.6	14.9			22.3	66.8	11			23	25.8	51.1			5	78.4	16.7					
Total %	3.2	4.5	1.3		9	7.6	22.7	3.7		34	4.7	5.3	10.4		20.4	1.8	28.7	6.1		36.6	6.1	93.9	
Passenger Vehicles	133	186	56		409	313	943	154		1434	194	221	435		1023	76	1198	255		1567	0	0	4433
% Passenger Vehicles	99.3	99.5	100	100	99.5	98.7	99.3	98.7	100	99.1	98.5	100	99.5	99.4	99.4	100	99.6	99.6	100	99.6	0	0	99.4
Large 2 Axle Vehicles	0	0	0		0	1	4	0		5	1	0	1		3	0	1	0		1	0	0	9
% Large 2 Axle Vehicles	0	0	0	0	0	0.3	0.4	0	0	0.3	0.5	0	0.2	0.6	0.3	0	0.1	0	0	0.1	0	0	0.2
3 Axle Vehicles	1	1	0		2	2	2	2		6	2	0	0		2	0	3	1		4	0	0	14
% 3 Axle Vehicles	0.7	0.5	0	0	0.5	0.6	0.2	1.3	0	0.4	1	0	0	0	0.2	0	0.2	0.4	0	0.3	0	0	0.3
4+ Axle Trucks	0	0	0		0	1	1	0		2	0	0	1		1	0	1	0		1	0	0	4
% 4+ Axle Trucks	0	0	0	0	0	0.3	0.1	0	0	0.1	0	0	0.2	0	0.1	0	0.1	0	0	0.1	0	0	0.1

Start Time	Lakeview Avenue Southbound				Bastanchury Road Westbound				Lakeview Avenue Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	19	17	5	41	43	121	15	179	23	23	63	109	9	166	37	212	541
05:15 PM	16	14	5	35	25	132	23	180	18	33	51	102	10	163	35	208	525
05:30 PM	16	28	2	46	41	107	21	169	31	23	54	108	8	137	28	173	496
05:45 PM	15	32	8	55	35	120	22	177	18	52	62	132	11	153	27	191	555
Total Volume	66	91	20	177	144	480	81	705	90	131	230	451	38	619	127	784	2117
% App. Total	37.3	51.4	11.3		20.4	68.1	11.5		20	29	51		4.8	79	16.2		
PHF	.868	.711	.625	.805	.837	.909	.880	.979	.726	.630	.913	.854	.864	.932	.858	.925	.954



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 Page No : 3

Start Time	Lakeview Avenue Southbound				Bastanchury Road Westbound				Lakeview Avenue Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:00 PM				04:00 PM				05:00 PM				04:30 PM				
+0 mins.	19	27	9	55	49	119	18	186	23	23	63	109	5	161	31	197	
+15 mins.	20	24	7	51	40	110	28	178	18	33	51	102	12	153	36	201	
+30 mins.	18	21	10	49	47	125	11	183	31	23	54	108	9	166	37	212	
+45 mins.	11	24	10	45	37	116	18	171	18	52	62	132	10	163	35	208	
Total Volume	68	96	36	200	173	470	75	718	90	131	230	451	36	643	139	818	
% App. Total	34	48	18		24.1	65.5	10.4		20	29	51		4.4	78.6	17		
PHF	.850	.889	.900	.909	.883	.940	.670	.965	.726	.630	.913	.854	.750	.968	.939	.965	

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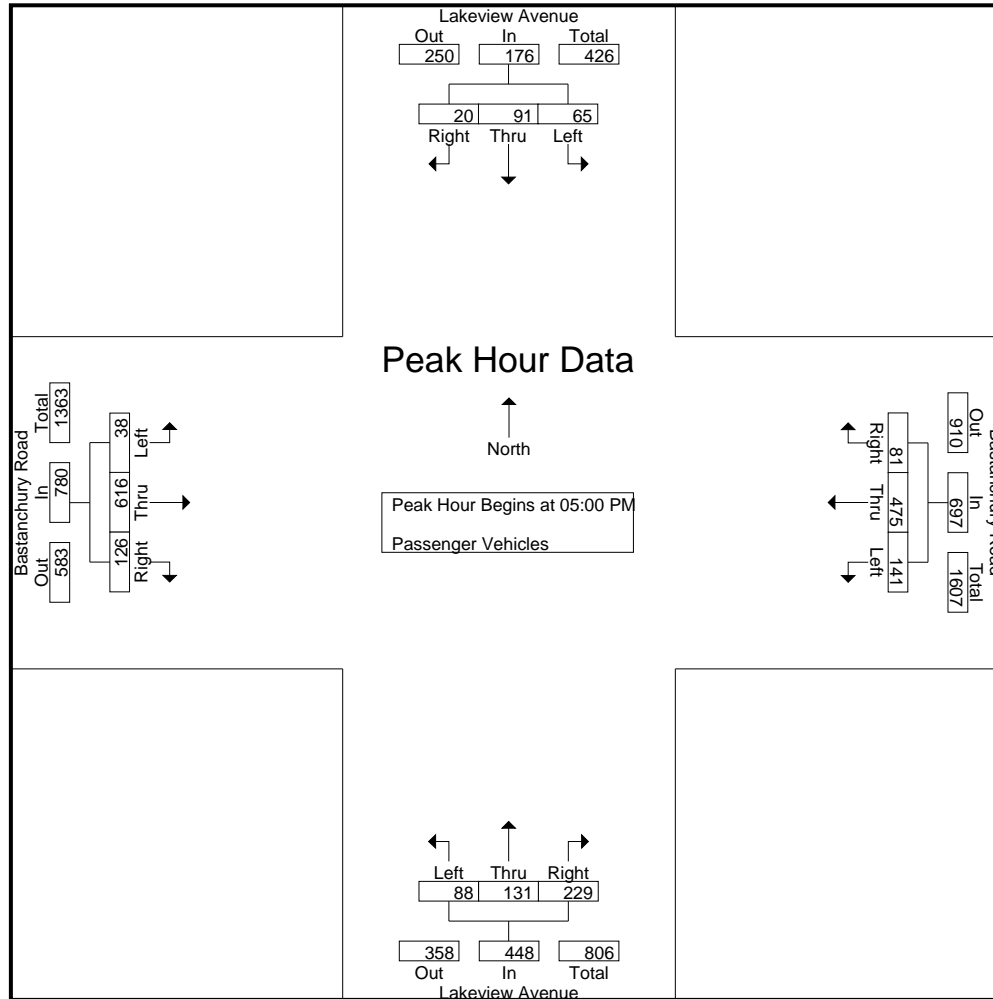
Groups Printed- Passenger Vehicles

Start Time	Lakeview Avenue Southbound					Bastanchury Road Westbound					Lakeview Avenue Northbound					Bastanchury Road Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	19	27	9	5	55	49	119	18	2	186	30	14	51	26	95	8	141	35	9	184	42	520	562
04:15 PM	20	24	7	6	51	40	109	26	6	175	31	27	56	22	114	13	128	27	5	168	39	508	547
04:30 PM	18	20	10	3	48	47	124	11	3	182	25	20	50	19	95	5	160	31	4	196	29	521	550
04:45 PM	11	24	10	6	45	36	116	18	2	170	20	29	49	16	98	12	153	36	4	201	28	514	542
Total	68	95	36	20	199	172	468	73	13	713	106	90	206	83	402	38	582	129	22	749	138	2063	2201
05:00 PM	19	17	5	5	41	43	121	15	2	179	22	23	63	34	108	9	163	36	3	208	44	536	580
05:15 PM	15	14	5	5	34	25	128	23	3	176	18	33	51	14	102	10	163	35	4	208	26	520	546
05:30 PM	16	28	2	1	46	39	107	21	3	167	31	23	54	18	108	8	137	28	4	173	26	494	520
05:45 PM	15	32	8	3	55	34	119	22	3	175	17	52	61	24	130	11	153	27	5	191	35	551	586
Total	65	91	20	14	176	141	475	81	11	697	88	131	229	90	448	38	616	126	16	780	131	2101	2232
Grand Total	133	186	56	34	375	313	943	154	24	1410	194	221	435	173	850	76	1198	255	38	1529	269	4164	4433
Apprch %	35.5	49.6	14.9			22.2	66.9	10.9			22.8	26	51.2			5	78.4	16.7					
Total %	3.2	4.5	1.3		9	7.5	22.6	3.7		33.9	4.7	5.3	10.4		20.4	1.8	28.8	6.1		36.7	6.1	93.9	

Start Time	Lakeview Avenue Southbound				Bastanchury Road Westbound				Lakeview Avenue Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	19	17	5	41	43	121	15	179	22	23	63	108	9	163	36	208	536
05:15 PM	15	14	5	34	25	128	23	176	18	33	51	102	10	163	35	208	520
05:30 PM	16	28	2	46	39	107	21	167	31	23	54	108	8	137	28	173	494
05:45 PM	15	32	8	55	34	119	22	175	17	52	61	130	11	153	27	191	551
Total Volume	65	91	20	176	141	475	81	697	88	131	229	448	38	616	126	780	2101
% App. Total	36.9	51.7	11.4		20.2	68.1	11.6		19.6	29.2	51.1		4.9	79	16.2		
PHF	.855	.711	.625	.800	.820	.928	.880	.973	.710	.630	.909	.862	.864	.945	.875	.938	.953

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	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	05:00 PM				05:00 PM				05:00 PM				05:00 PM				
+0 mins.	19	17	5	41	43	121	15	179	22	23	63	108	9	163	36	208	
+15 mins.	15	14	5	34	25	128	23	176	18	33	51	102	10	163	35	208	
+30 mins.	16	28	2	46	39	107	21	167	31	23	54	108	8	137	28	173	
+45 mins.	15	32	8	55	34	119	22	175	17	52	61	130	11	153	27	191	
Total Volume	65	91	20	176	141	475	81	697	88	131	229	448	38	616	126	780	
% App. Total	36.9	51.7	11.4		20.2	68.1	11.6		19.6	29.2	51.1		4.9	79	16.2		
PHF	.855	.711	.625	.800	.820	.928	.880	.973	.710	.630	.909	.862	.864	.945	.875	.938	

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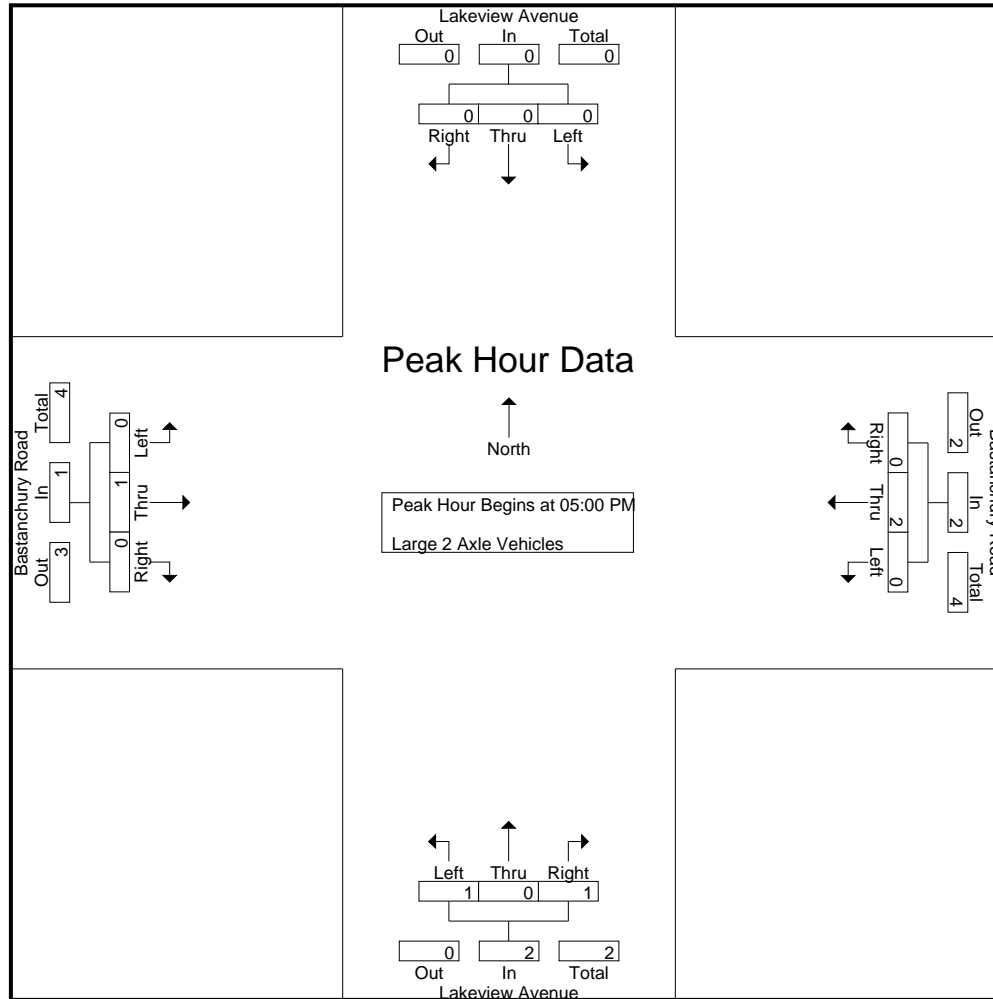
Groups Printed- Large 2 Axle Vehicles

Start Time	Lakeview Avenue Southbound					Bastanchury Road Westbound					Lakeview Avenue Northbound					Bastanchury Road Eastbound					Exclu. Total	Inclu. Total	Int. Total					
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total								
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
04:30 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
04:45 PM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Total	0	0	0	0	0	1	2	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	1	0	1	1
05:15 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0	0	0	0	1	0	1	1	2	0	0	0	0	0	0	0	0	0	0	1	2	3
Total	0	0	0	0	0	0	2	0	0	2	1	0	1	1	2	0	1	0	0	1	0	1	0	0	1	1	5	6
Grand Total	0	0	0	0	0	1	4	0	0	5	1	0	1	1	2	0	1	0	0	1	0	1	0	0	1	1	8	9
Apprch %	0	0	0			20	80	0			50	0	50			0	100	0			0	100	0					
Total %	0	0	0			12.5	50	0		62.5	12.5	0	12.5		25	0	12.5	0		12.5						11.1	88.9	

Start Time	Lakeview Avenue Southbound				Bastanchury Road Westbound				Lakeview Avenue Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
05:15 PM	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0	0	1	0	1	2	0	0	0	0	2
Total Volume	0	0	0	0	0	2	0	2	1	0	1	2	0	1	0	1	5
% App. Total	0	0	0		0	100	0		50	0	50		0	100	0		
PHF	.000	.000	.000	.000	.000	.250	.000	.250	.250	.000	.250	.250	.000	.250	.000	.250	.625

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Bastanchury Road
 Weather: Clear

File Name : 10_YLA_Lake_Bast PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Bastanchury Road
 Weather: Clear

File Name : 10_YLA_Lake_Bast PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Lakeview Avenue Southbound				Bastanchury Road Westbound				Lakeview Avenue Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	05:00 PM				05:00 PM				05:00 PM				05:00 PM				
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
+15 mins.	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
+45 mins.	0	0	0	0	0	0	0	0	1	0	1	2	0	0	0	0	
Total Volume	0	0	0	0	0	2	0	2	1	0	1	2	0	1	0	1	
% App. Total	0	0	0	0	0	100	0	50	50	0	50	250	0	100	0	250	
PHF	.000	.000	.000	.000	.000	.250	.000	.250	.250	.000	.250	.250	.000	.250	.000	.250	

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Bastanchury Road
 Weather: Clear

File Name : 10_YLA_Lake_Bast PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

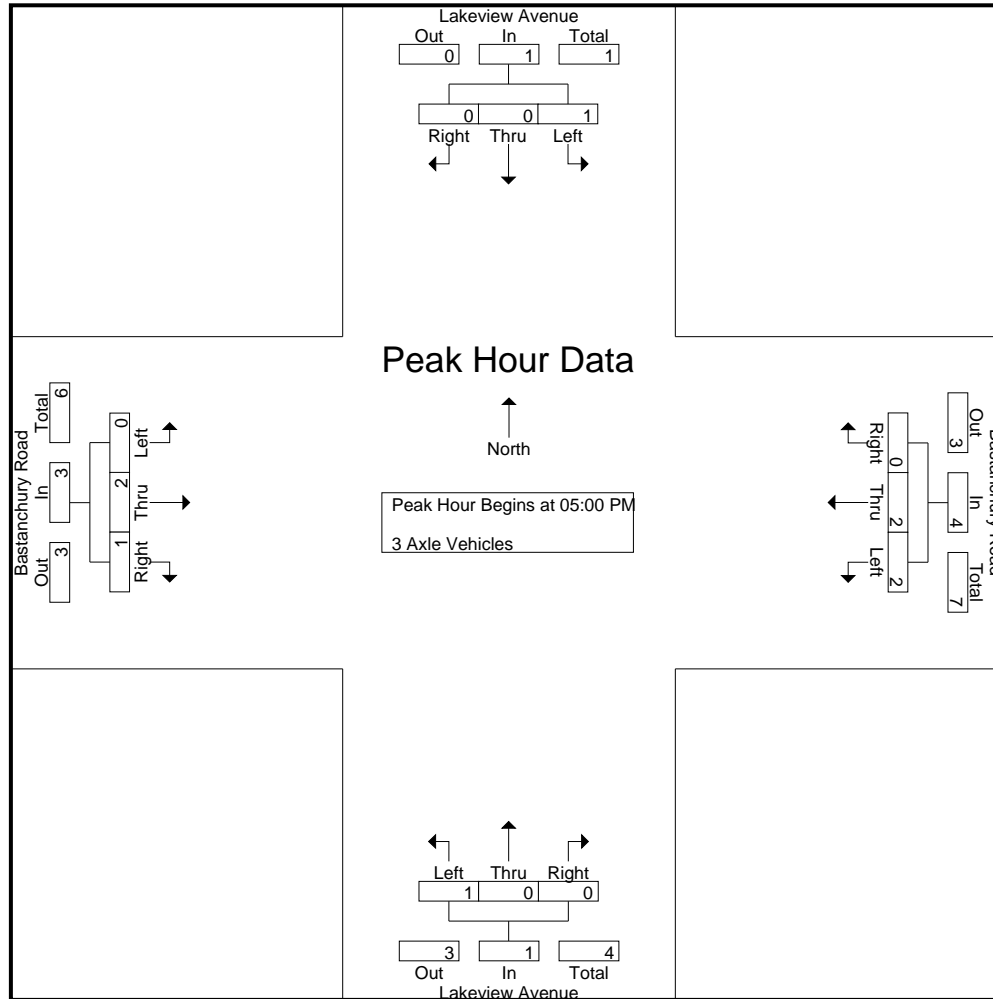
Groups Printed- 3 Axle Vehicles

Start Time	Lakeview Avenue Southbound					Bastanchury Road Westbound					Lakeview Avenue Northbound					Bastanchury Road Eastbound					Exclu. Total	Inclu. Total	Int. Total					
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total								
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
04:30 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1	0	2	2
04:45 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1
Total	0	1	0	0	1	0	0	2	0	2	1	0	0	0	1	0	1	0	0	1	0	0	0	0	1	0	5	5
05:00 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	2	1	0	3	0	0	0	0	0	0	4	4
05:15 PM	1	0	0	0	1	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
05:30 PM	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	0	0	0	1	2	2	0	0	4	1	0	0	0	1	0	2	1	0	3	0	0	0	0	3	0	9	9
Grand Total	1	1	0	0	2	2	2	2	0	6	2	0	0	0	2	0	3	1	0	4	0	0	0	0	4	0	14	14
Apprch %	50	50	0			33.3	33.3	33.3			100	0	0			0	75	25										
Total %	7.1	7.1	0		14.3	14.3	14.3	14.3		42.9	14.3	0	0		14.3	0	21.4	7.1		28.6	0	0	0		28.6	0	100	

Start Time	Lakeview Avenue Southbound				Bastanchury Road Westbound				Lakeview Avenue Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	2	1	3	4
05:15 PM	1	0	0	1	0	2	0	2	0	0	0	0	0	0	0	0	3
05:30 PM	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	2
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	1	0	0	1	2	2	0	4	1	0	0	1	0	2	1	3	9
% App. Total	100	0	0		50	50	0		100	0	0		0	66.7	33.3		
PHF	.250	.000	.000	.250	.250	.250	.000	.500	.250	.000	.000	.250	.000	.250	.250	.250	.563

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Bastanchury Road
 Weather: Clear

File Name : 10_YLA_Lake_Bast PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Bastanchury Road
 Weather: Clear

File Name : 10_YLA_Lake_Bast PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Lakeview Avenue Southbound				Bastanchury Road Westbound				Lakeview Avenue Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	05:00 PM				05:00 PM				05:00 PM				05:00 PM				
+0 mins.	0	0	0	0	0	0	0	0	1	0	0	1	0	2	1	3	
+15 mins.	1	0	0	1	0	2	0	2	0	0	0	0	0	0	0	0	
+30 mins.	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total Volume	1	0	0	1	2	2	0	4	1	0	0	1	0	2	1	3	
% App. Total	100	0	0		50	50	0		100	0	0		0	66.7	33.3		
PHF	.250	.000	.000	.250	.250	.250	.000	.500	.250	.000	.000	.250	.000	.250	.250	.250	

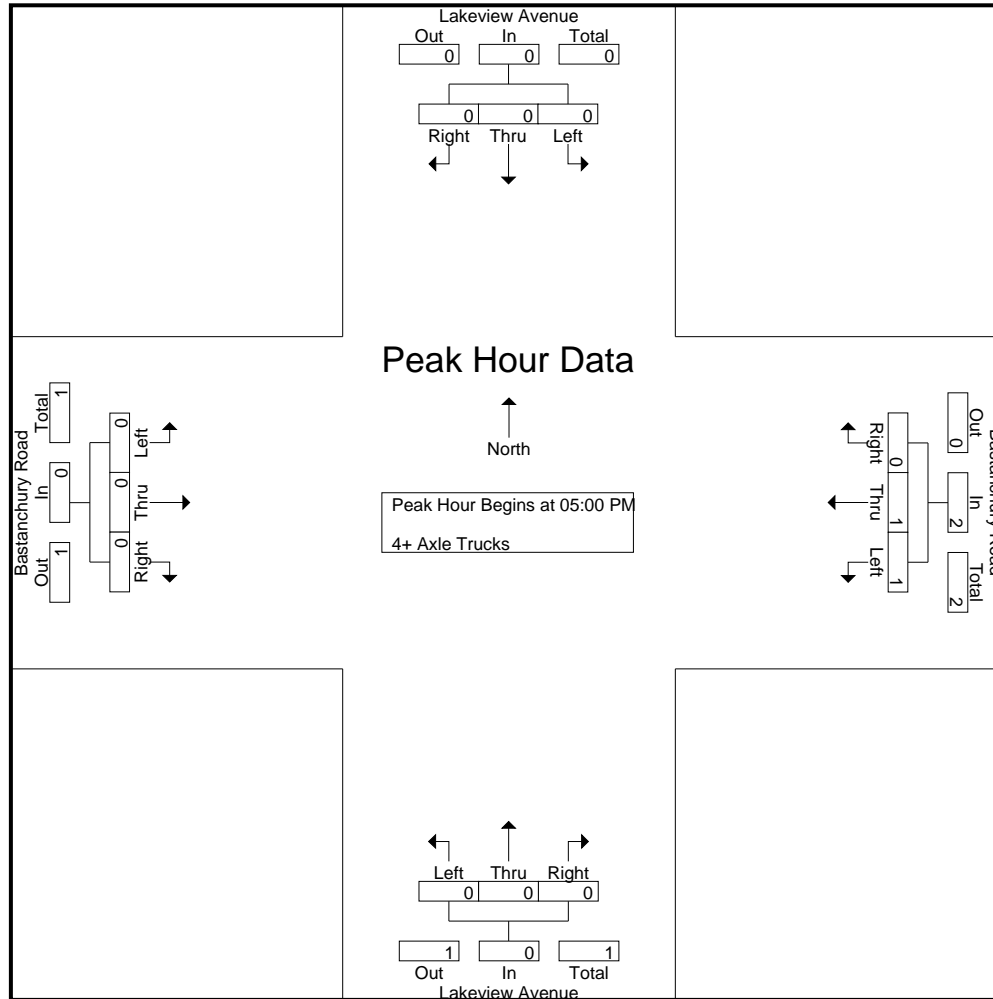
City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Bastanchury Road
 Weather: Clear

File Name : 10_YLA_Lake_Bast PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

Groups Printed- 4+ Axle Trucks

Start Time	Lakeview Avenue Southbound					Bastanchury Road Westbound					Lakeview Avenue Northbound					Bastanchury Road Eastbound					Exclu. Total	Inclu. Total	Int. Total	
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total				
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	1	0	0	2	0
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0
Total	0	0	0	0	0	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0
Grand Total	0	0	0	0	0	1	1	0	0	2	0	0	1	0	1	0	1	0	0	1	0	0	4	0
Apprch %	0	0	0			50	50	0			0	0	100			0	100	0			0	0	100	
Total %	0	0	0			25	25	0		50	0	0	25		25	0	25	0		25	0	0	100	

Start Time	Lakeview Avenue Southbound				Bastanchury Road Westbound				Lakeview Avenue Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
05:45 PM	0	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	
Total Volume	0	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	
% App. Total	0	0	0		50	50	0		0	0	0		0	0	0		
PHF	.000	.000	.000	.000	.250	.250	.000	.250	.000	.000	.000	.000	.000	.000	.000	.000	



City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Bastanchury Road
 Weather: Clear

File Name : 10_YLA_Lake_Bast PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Lakeview Avenue Southbound				Bastanchury Road Westbound				Lakeview Avenue Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	05:00 PM				05:00 PM				05:00 PM				05:00 PM				
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0
% App. Total	0	0	0	0	50	50	0		0	0	0		0	0	0		
PHF	.000	.000	.000	.000	.250	.250	.000	.250	.000	.000	.000	.000	.000	.000	.000	.000	.000

Location: Yorba Linda
 N/S: Lakeview Avenue
 E/W: Bastanchury Road



Date: 3/15/2022
 Day: Tuesday

PEDESTRIANS

	North Leg Lakeview Avenue	East Leg Bastanchury Road	South Leg Lakeview Avenue	West Leg Bastanchury Road	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	2	1	0	3
7:15 AM	0	0	0	0	0
7:30 AM	0	0	0	0	0
7:45 AM	1	0	1	1	3
8:00 AM	0	1	0	0	1
8:15 AM	0	0	0	0	0
8:30 AM	0	1	2	0	3
8:45 AM	0	1	3	0	4
TOTAL VOLUMES:	1	5	7	1	14

	North Leg Lakeview Avenue	East Leg Bastanchury Road	South Leg Lakeview Avenue	West Leg Bastanchury Road	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	2	0	2
4:15 PM	0	0	0	0	0
4:30 PM	0	0	0	0	0
4:45 PM	0	0	0	0	0
5:00 PM	0	0	0	0	0
5:15 PM	0	1	1	1	3
5:30 PM	1	6	3	0	10
5:45 PM	0	0	0	0	0
TOTAL VOLUMES:	1	7	6	1	15

Location: Yorba Linda
 N/S: Lakeview Avenue
 E/W: Bastanchury Road



Date: 3/15/2022
 Day: Tuesday

BICYCLES

	Southbound Lakeview Avenue			Westbound Bastanchury Road			Northbound Lakeview Avenue			Eastbound Bastanchury Road			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	1	0	0	0	0	0	0	0	0	0	0	0	1
7:30 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	1	0	0	0	1	0	0	0	0	0	0	0	2
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	1	0	0	0	0	0	0	1
TOTAL VOLUMES:	2	0	0	0	1	1	0	0	0	0	1	0	5

	Southbound Lakeview Avenue			Westbound Bastanchury Road			Northbound Lakeview Avenue			Eastbound Bastanchury Road			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
5:00 PM	1	0	0	0	0	0	0	0	0	0	0	1	2
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	2	0	0	0	0	2
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	1	0	0	0	1	0	0	2	0	0	0	1	5

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Lemon Drive
 Weather: Clear

File Name : 11_YLA_Lake_Lemon AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

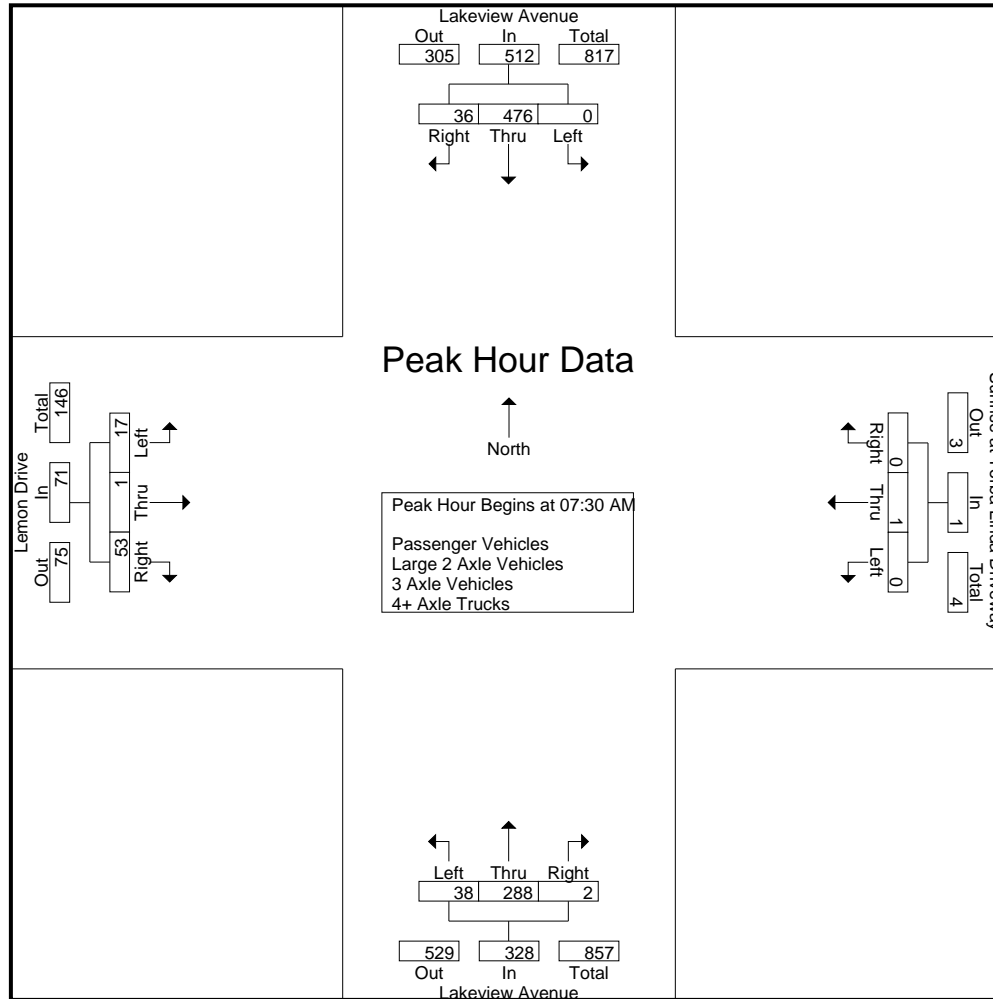
Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

Start Time	Lakeview Avenue Southbound					Sunrise at Yorba Linda Driveway Westbound					Lakeview Avenue Northbound					Lemon Drive Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	0	80	4	0	84	0	0	0	0	0	3	44	0	0	47	1	0	9	9	10	9	141	150
07:15 AM	0	85	8	0	93	1	0	0	0	1	5	42	0	0	47	5	0	10	10	15	10	156	166
07:30 AM	0	129	8	1	137	0	0	0	0	0	9	83	0	0	92	2	0	18	16	20	17	249	266
07:45 AM	0	143	9	0	152	0	0	0	0	0	10	86	0	0	96	7	1	16	12	24	12	272	284
Total	0	437	29	1	466	1	0	0	0	1	27	255	0	0	282	15	1	53	47	69	48	818	866
08:00 AM	0	106	11	2	117	0	1	0	0	1	13	68	1	0	82	5	0	8	8	13	10	213	223
08:15 AM	0	98	8	1	106	0	0	0	0	0	6	51	1	0	58	3	0	11	9	14	10	178	188
08:30 AM	1	90	8	0	99	1	0	0	0	1	20	75	1	0	96	3	0	13	13	16	13	212	225
08:45 AM	1	73	8	0	82	0	0	0	0	0	14	71	1	0	86	7	0	17	14	24	14	192	206
Total	2	367	35	3	404	1	1	0	0	2	53	265	4	0	322	18	0	49	44	67	47	795	842
Grand Total	2	804	64	4	870	2	1	0	0	3	80	520	4	0	604	33	1	102	91	136	95	1613	1708
Apprch %	0.2	92.4	7.4			66.7	33.3	0			13.2	86.1	0.7			24.3	0.7	75					
Total %	0.1	49.8	4		53.9	0.1	0.1	0		0.2	5	32.2	0.2		37.4	2	0.1	6.3		8.4	5.6	94.4	
Passenger Vehicles	2	793	60		859	2	1	0		3	71	497	4		572	31	1	100		222	0	0	1656
% Passenger Vehicles	100	98.6	93.8	100	98.3	100	100	0	0	100	88.8	95.6	100	0	94.7	93.9	100	98	98.9	97.8	0	0	97
Large 2 Axle Vehicles	0	10	3		13	0	0	0		0	7	23	0		30	2	0	1		3	0	0	46
% Large 2 Axle Vehicles	0	1.2	4.7	0	1.5	0	0	0	0	0	8.8	4.4	0	0	5	6.1	0	1	0	1.3	0	0	2.7
3 Axle Vehicles	0	1	1		2	0	0	0		0	1	0	0		1	0	0	0		0	0	0	3
% 3 Axle Vehicles	0	0.1	1.6	0	0.2	0	0	0	0	0	1.2	0	0	0	0.2	0	0	0	0	0	0	0	0.2
4+ Axle Trucks	0	0	0		0	0	0	0		0	1	0	0		1	0	0	1		2	0	0	3
% 4+ Axle Trucks	0	0	0	0	0	0	0	0	0	0	1.2	0	0	0	0.2	0	0	1	1.1	0.9	0	0	0.2

Start Time	Lakeview Avenue Southbound				Sunrise at Yorba Linda Driveway Westbound				Lakeview Avenue Northbound				Lemon Drive Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	129	8	137	0	0	0	0	9	83	0	92	2	0	18	20	249
07:45 AM	0	143	9	152	0	0	0	0	10	86	0	96	7	1	16	24	272
08:00 AM	0	106	11	117	0	1	0	1	13	68	1	82	5	0	8	13	213
08:15 AM	0	98	8	106	0	0	0	0	6	51	1	58	3	0	11	14	178
Total Volume	0	476	36	512	0	1	0	1	38	288	2	328	17	1	53	71	912
% App. Total	0	93	7		0	100	0		11.6	87.8	0.6		23.9	1.4	74.6		
PHF	.000	.832	.818	.842	.000	.250	.000	.250	.731	.837	.500	.854	.607	.250	.736	.740	.838

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Lemon Drive
 Weather: Clear

File Name : 11_YLA_Lake_Lemon AM
 Site Code : 0512223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Lemon Drive
 Weather: Clear

File Name : 11_YLA_Lake_Lemon AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Lakeview Avenue Southbound				Sunrise at Yorba Linda Driveway Westbound				Lakeview Avenue Northbound				Lemon Drive Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:30 AM				07:15 AM				07:45 AM				07:15 AM				
+0 mins.	0	129	8	137	1	0	0	1	10	86	0	96	5	0	10	15	
+15 mins.	0	143	9	152	0	0	0	0	13	68	1	82	2	0	18	20	
+30 mins.	0	106	11	117	0	0	0	0	6	51	1	58	7	1	16	24	
+45 mins.	0	98	8	106	0	1	0	1	20	75	1	96	5	0	8	13	
Total Volume	0	476	36	512	1	1	0	2	49	280	3	332	19	1	52	72	
% App. Total	0	93	7		50	50	0		14.8	84.3	0.9		26.4	1.4	72.2		
PHF	.000	.832	.818	.842	.250	.250	.000	.500	.613	.814	.750	.865	.679	.250	.722	.750	

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Lemon Drive
 Weather: Clear

File Name : 11_YLA_Lake_Lemon AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

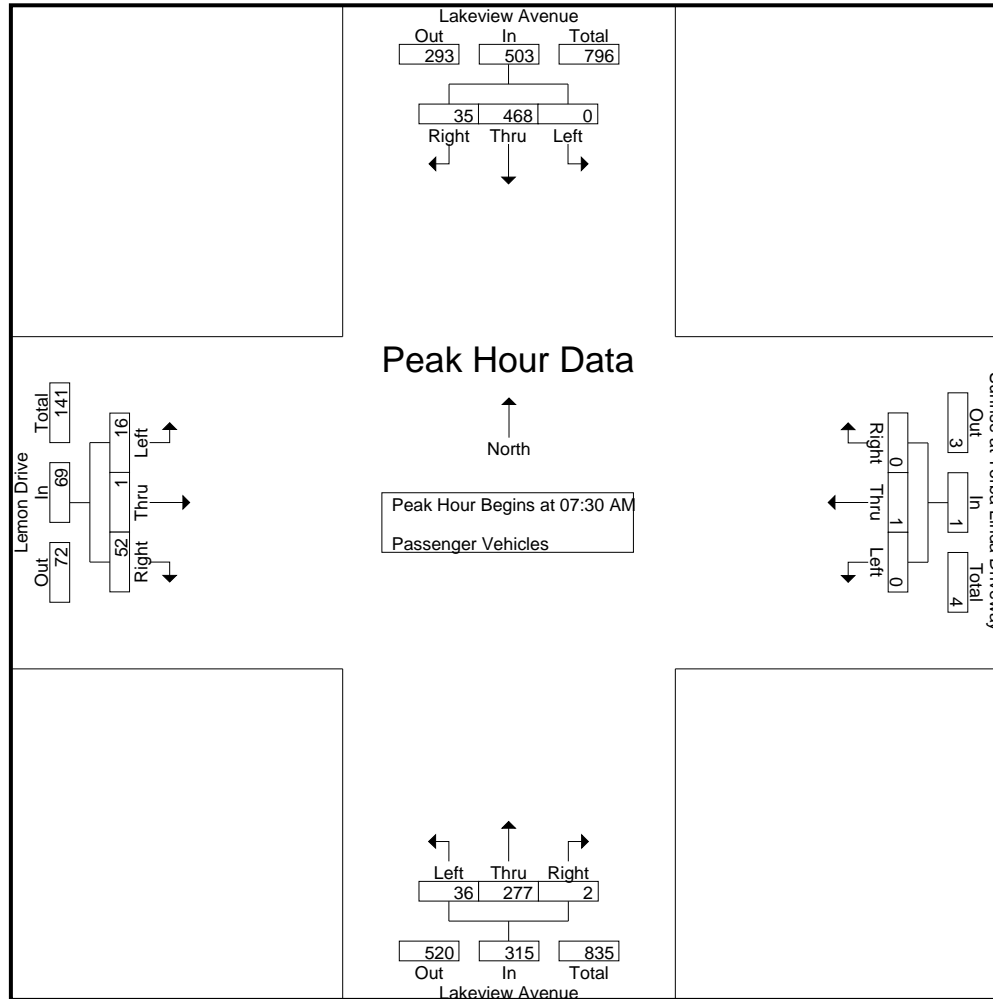
Groups Printed- Passenger Vehicles

Start Time	Lakeview Avenue Southbound					Sunrise at Yorba Linda Driveway Westbound					Lakeview Avenue Northbound					Lemon Drive Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	0	80	3	0	83	0	0	0	0	0	2	39	0	0	41	1	0	9	9	10	9	134	143
07:15 AM	0	84	7	0	91	1	0	0	0	1	4	42	0	0	46	5	0	10	10	15	10	153	163
07:30 AM	0	128	7	1	135	0	0	0	0	0	9	80	0	0	89	2	0	18	16	20	17	244	261
07:45 AM	0	142	9	0	151	0	0	0	0	0	9	84	0	0	93	7	1	16	12	24	12	268	280
Total	0	434	26	1	460	1	0	0	0	1	24	245	0	0	269	15	1	53	47	69	48	799	847
08:00 AM	0	102	11	2	113	0	1	0	0	1	12	64	1	0	77	5	0	8	8	13	10	204	214
08:15 AM	0	96	8	1	104	0	0	0	0	0	6	49	1	0	56	2	0	10	9	12	10	172	182
08:30 AM	1	90	8	0	99	1	0	0	0	1	16	72	1	0	89	2	0	13	13	15	13	204	217
08:45 AM	1	71	7	0	79	0	0	0	0	0	13	67	1	0	81	7	0	16	13	23	13	183	196
Total	2	359	34	3	395	1	1	0	0	2	47	252	4	0	303	16	0	47	43	63	46	763	809
Grand Total	2	793	60	4	855	2	1	0	0	3	71	497	4	0	572	31	1	100	90	132	94	1562	1656
Apprch %	0.2	92.7	7			66.7	33.3	0			12.4	86.9	0.7			23.5	0.8	75.8					
Total %	0.1	50.8	3.8		54.7	0.1	0.1	0		0.2	4.5	31.8	0.3		36.6	2	0.1	6.4		8.5	5.7	94.3	

Start Time	Lakeview Avenue Southbound				Sunrise at Yorba Linda Driveway Westbound				Lakeview Avenue Northbound				Lemon Drive Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:30 AM	0	128	7	135	0	0	0	0	9	80	0	89	2	0	18	20	244
07:45 AM	0	142	9	151	0	0	0	0	9	84	0	93	7	1	16	24	268
08:00 AM	0	102	11	113	0	1	0	1	12	64	1	77	5	0	8	13	204
08:15 AM	0	96	8	104	0	0	0	0	6	49	1	56	2	0	10	12	172
Total Volume	0	468	35	503	0	1	0	1	36	277	2	315	16	1	52	69	888
% App. Total	0	93	7		0	100	0		11.4	87.9	0.6		23.2	1.4	75.4		
PHF	.000	.824	.795	.833	.000	.250	.000	.250	.750	.824	.500	.847	.571	.250	.722	.719	.828

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Lemon Drive
 Weather: Clear

File Name : 11_YLA_Lake_Lemon AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Lemon Drive
 Weather: Clear

File Name : 11_YLA_Lake_Lemon AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Lakeview Avenue Southbound				Sunrise at Yorba Linda Driveway Westbound				Lakeview Avenue Northbound				Lemon Drive Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:30 AM				07:30 AM				07:30 AM				07:30 AM				
+0 mins.	0	128	7	135	0	0	0	0	9	80	0	89	2	0	18	20	
+15 mins.	0	142	9	151	0	0	0	0	9	84	0	93	7	1	16	24	
+30 mins.	0	102	11	113	0	1	0	1	12	64	1	77	5	0	8	13	
+45 mins.	0	96	8	104	0	0	0	0	6	49	1	56	2	0	10	12	
Total Volume	0	468	35	503	0	1	0	1	36	277	2	315	16	1	52	69	
% App. Total	0	93	7		0	100	0		11.4	87.9	0.6		23.2	1.4	75.4		
PHF	.000	.824	.795	.833	.000	.250	.000	.250	.750	.824	.500	.847	.571	.250	.722	.719	

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Lemon Drive
 Weather: Clear

File Name : 11_YLA_Lake_Lemon AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

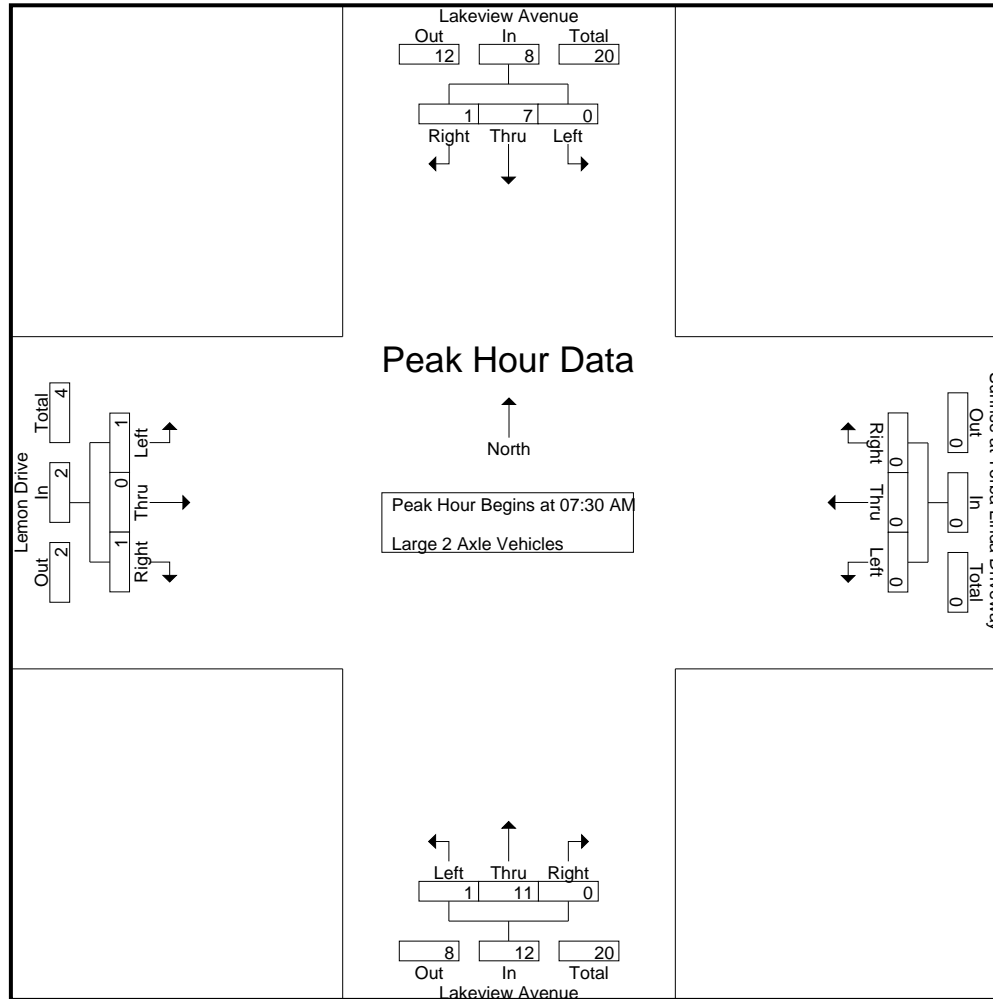
Groups Printed- Large 2 Axle Vehicles

Start Time	Lakeview Avenue Southbound					Sunrise at Yorba Linda Driveway Westbound					Lakeview Avenue Northbound					Lemon Drive Eastbound					Exclu. Total	Inclu. Total	Int. Total					
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total								
07:00 AM	0	0	0	0	0	0	0	0	0	0	1	5	0	0	6	0	0	0	0	0	0	0	0	0	0	0	6	6
07:15 AM	0	1	1	0	2	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3	3
07:30 AM	0	1	1	0	2	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	5	5
07:45 AM	0	1	0	0	1	0	0	0	0	0	1	2	0	0	3	0	0	0	0	0	0	0	0	0	0	0	4	4
Total	0	3	2	0	5	0	0	0	0	0	3	10	0	0	13	0	0	0	0	0	0	0	0	0	0	0	18	18
08:00 AM	0	4	0	0	4	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0	8	8
08:15 AM	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	1	0	1	0	2	0	0	0	0	0	0	5	5
08:30 AM	0	0	0	0	0	0	0	0	0	0	3	3	0	0	6	1	0	0	0	1	0	0	0	0	0	0	7	7
08:45 AM	0	2	1	0	3	0	0	0	0	0	1	4	0	0	5	0	0	0	0	0	0	0	0	0	0	0	8	8
Total	0	7	1	0	8	0	0	0	0	0	4	13	0	0	17	2	0	1	0	3	0	0	0	0	0	0	28	28
Grand Total	0	10	3	0	13	0	0	0	0	0	7	23	0	0	30	2	0	1	0	3	0	0	0	0	0	0	46	46
Apprch %	0	76.9	23.1			0	0	0			23.3	76.7	0			66.7	0	33.3										
Total %	0	21.7	6.5		28.3	0	0	0		0	15.2	50	0		65.2	4.3	0	2.2		6.5	0	0	0			0	100	

Start Time	Lakeview Avenue Southbound				Sunrise at Yorba Linda Driveway Westbound				Lakeview Avenue Northbound				Lemon Drive Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	1	1	2	0	0	0	0	0	3	0	3	0	0	0	0	5
07:45 AM	0	1	0	1	0	0	0	0	1	2	0	3	0	0	0	0	4
08:00 AM	0	4	0	4	0	0	0	0	0	4	0	4	0	0	0	0	8
08:15 AM	0	1	0	1	0	0	0	0	0	2	0	2	1	0	1	2	5
Total Volume	0	7	1	8	0	0	0	0	1	11	0	12	1	0	1	2	22
% App. Total	0	87.5	12.5		0	0	0		8.3	91.7	0		50	0	50		
PHF	.000	.438	.250	.500	.000	.000	.000	.000	.250	.688	.000	.750	.250	.000	.250	.250	.688

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Lemon Drive
 Weather: Clear

File Name : 11_YLA_Lake_Lemon AM
 Site Code : 0512223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Lemon Drive
 Weather: Clear

File Name : 11_YLA_Lake_Lemon AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Lakeview Avenue Southbound				Sunrise at Yorba Linda Driveway Westbound				Lakeview Avenue Northbound				Lemon Drive Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:30 AM				07:30 AM				07:30 AM				07:30 AM				
+0 mins.	0	1	1	2	0	0	0	0	0	3	0	3	0	0	0	0	
+15 mins.	0	1	0	1	0	0	0	0	1	2	0	3	0	0	0	0	
+30 mins.	0	4	0	4	0	0	0	0	0	4	0	4	0	0	0	0	
+45 mins.	0	1	0	1	0	0	0	0	0	2	0	2	1	0	1	2	
Total Volume	0	7	1	8	0	0	0	0	1	11	0	12	1	0	1	2	
% App. Total	0	87.5	12.5		0	0	0		8.3	91.7	0		50	0	50		
PHF	.000	.438	.250	.500	.000	.000	.000	.000	.250	.688	.000	.750	.250	.000	.250	.250	

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Lemon Drive
 Weather: Clear

File Name : 11_YLA_Lake_Lemon AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

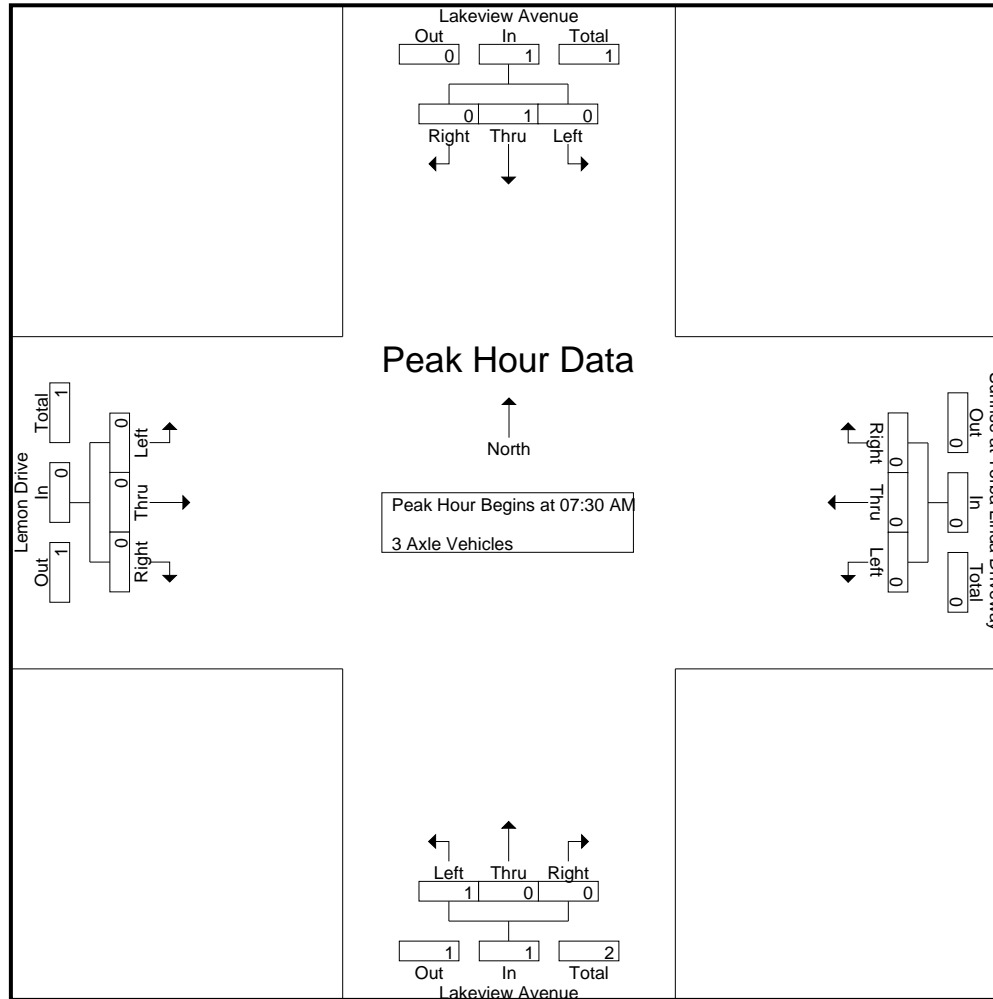
Groups Printed- 3 Axle Vehicles

Start Time	Lakeview Avenue Southbound					Sunrise at Yorba Linda Driveway Westbound					Lakeview Avenue Northbound					Lemon Drive Eastbound					Exclu. Total	Inclu. Total	Int. Total	
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total				
07:00 AM	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
08:00 AM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	1	1	1
08:15 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	1	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	2	2	2
Grand Total	0	1	1	0	2	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	3	3	3
Apprch %	0	50	50			0	0	0			100	0	0			0	0	0			0			
Total %	0	33.3	33.3		66.7	0	0	0		0	33.3	0	0		33.3	0	0	0		0	0	100		

Start Time	Lakeview Avenue Southbound				Sunrise at Yorba Linda Driveway Westbound				Lakeview Avenue Northbound				Lemon Drive Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
08:00 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	
08:15 AM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
Total Volume	0	1	0	1	0	0	0	0	1	0	0	1	0	0	0	0	
% App. Total	0	100	0		0	0	0		100	0	0		0	0	0		
PHF	.000	.250	.000	.250	.000	.000	.000	.000	.250	.000	.000	.250	.000	.000	.000	.000	

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Lemon Drive
 Weather: Clear

File Name : 11_YLA_Lake_Lemon AM
 Site Code : 0512223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Lemon Drive
 Weather: Clear

File Name : 11_YLA_Lake_Lemon AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Lakeview Avenue Southbound				Sunrise at Yorba Linda Driveway Westbound				Lakeview Avenue Northbound				Lemon Drive Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:30 AM				07:30 AM				07:30 AM				07:30 AM				
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
+30 mins.	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	
+45 mins.	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
Total Volume	0	1	0	1	0	0	0	0	1	0	0	1	0	0	0	0	
% App. Total	0	100	0		0	0	0		100	0	0		0	0	0		
PHF	.000	.250	.000	.250	.000	.000	.000	.000	.250	.000	.000	.250	.000	.000	.000	.000	

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Lemon Drive
 Weather: Clear

File Name : 11_YLA_Lake_Lemon AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

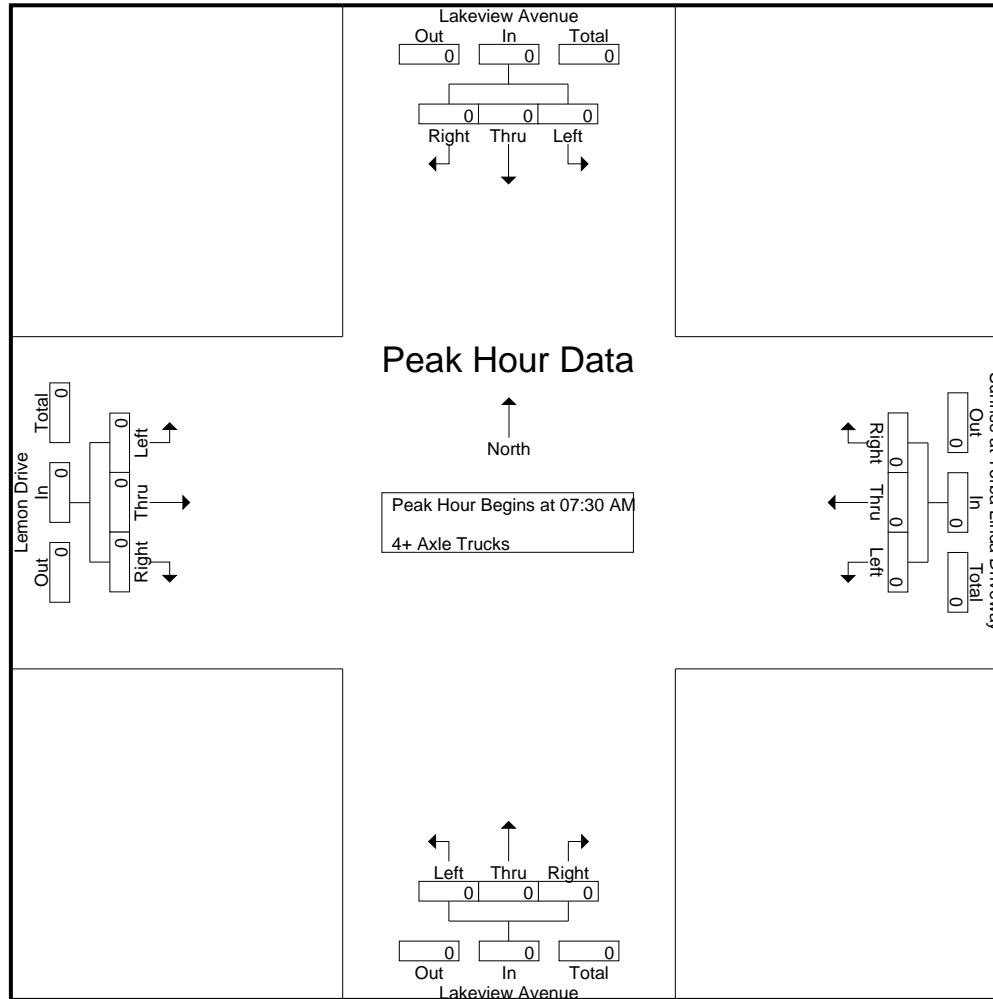
Groups Printed- 4+ Axle Trucks

Start Time	Lakeview Avenue Southbound					Sunrise at Yorba Linda Driveway Westbound					Lakeview Avenue Northbound					Lemon Drive Eastbound					Exclu. Total	Inclu. Total	Int. Total				
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total							
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30 AM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2
Total	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	1	1	1	1	2	3	1	2	3
Grand Total	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	1	1	1	1	2	3	1	2	3
Apprch %	0	0	0			0	0	0			100	0	0			0	0	100									
Total %	0	0	0			0	0	0			50	0	0		50	0	0	50		50	33.3	66.7					

Start Time	Lakeview Avenue Southbound				Sunrise at Yorba Linda Driveway Westbound				Lakeview Avenue Northbound				Lemon Drive Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% App. Total	0	0	0		0	0	0		0	0	0		0	0	0		
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Lemon Drive
 Weather: Clear

File Name : 11_YLA_Lake_Lemon AM
 Site Code : 0512223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Lemon Drive
 Weather: Clear

File Name : 11_YLA_Lake_Lemon AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Lakeview Avenue Southbound				Sunrise at Yorba Linda Driveway Westbound				Lakeview Avenue Northbound				Lemon Drive Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:30 AM				07:30 AM				07:30 AM				07:30 AM				
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% App. Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Lemon Drive
 Weather: Clear

File Name : 11_YLA_Lake_Lemon PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

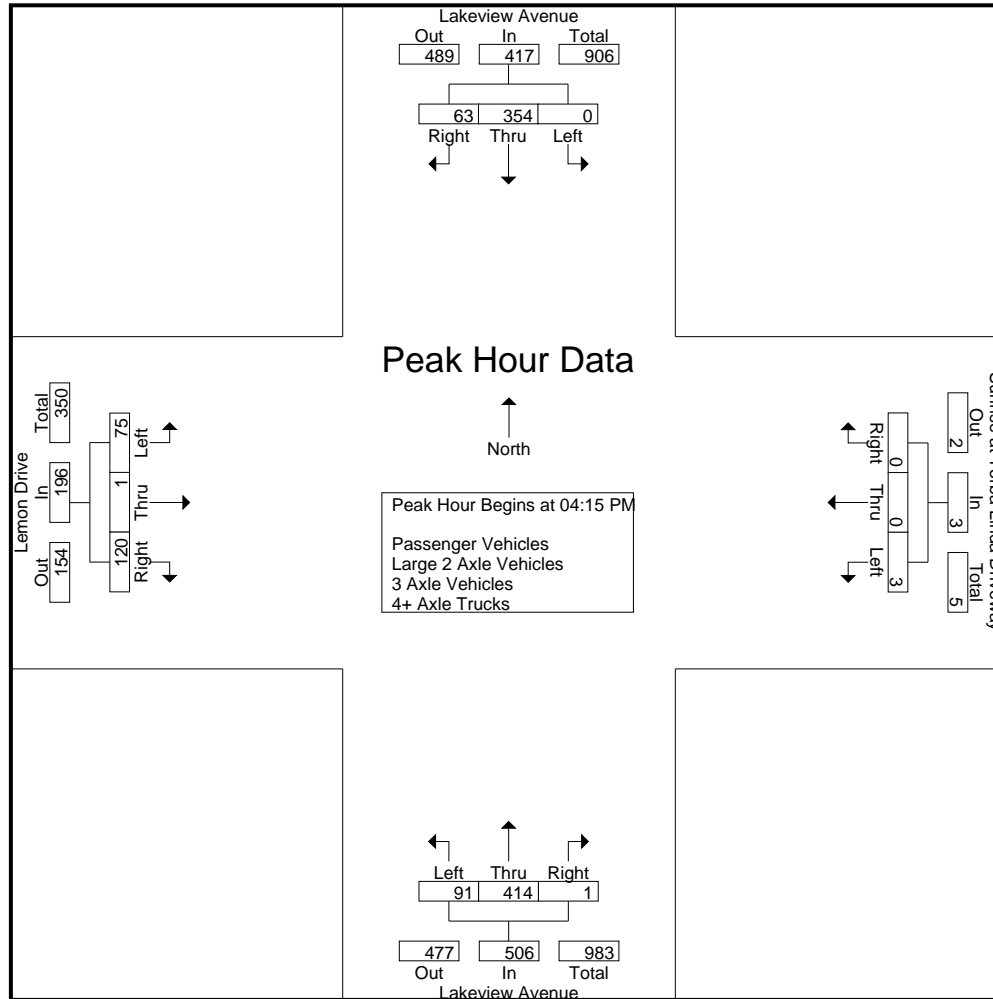
Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

Start Time	Lakeview Avenue Southbound					Sunrise at Yorba Linda Driveway Westbound					Lakeview Avenue Northbound					Lemon Drive Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	0	90	8	1	98	1	0	0	0	1	27	100	0	0	127	18	0	11	7	29	8	255	263
04:15 PM	0	92	15	2	107	0	0	0	0	0	25	111	1	0	137	17	0	33	28	50	30	294	324
04:30 PM	0	95	14	5	109	3	0	0	0	3	18	100	0	0	118	15	0	31	20	46	25	276	301
04:45 PM	0	80	23	6	103	0	0	0	0	0	19	94	0	0	113	25	1	26	16	52	22	268	290
Total	0	357	60	14	417	4	0	0	0	4	89	405	1	0	495	75	1	101	71	177	85	1093	1178
05:00 PM	0	87	11	3	98	0	0	0	0	0	29	109	0	0	138	18	0	30	21	48	24	284	308
05:15 PM	0	67	11	4	78	1	0	0	0	1	26	112	0	0	138	15	0	24	23	39	27	256	283
05:30 PM	0	82	16	3	98	0	0	0	0	0	33	117	0	0	150	13	0	30	24	43	27	291	318
05:45 PM	0	84	11	0	95	0	0	0	0	0	21	131	0	0	152	23	0	14	8	37	8	284	292
Total	0	320	49	10	369	1	0	0	0	1	109	469	0	0	578	69	0	98	76	167	86	1115	1201
Grand Total	0	677	109	24	786	5	0	0	0	5	198	874	1	0	1073	144	1	199	147	344	171	2208	2379
Apprch %	0	86.1	13.9			100	0	0			18.5	81.5	0.1			41.9	0.3	57.8					
Total %	0	30.7	4.9		35.6	0.2	0	0		0.2	9	39.6	0		48.6	6.5	0	9		15.6	7.2	92.8	
Passenger Vehicles	0	670	109		803	5	0	0		5	196	870	1		1067	142	1	199		489	0	0	2364
% Passenger Vehicles	0	99	100	100	99.1	100	0	0	0	100	99	99.5	100	0	99.4	98.6	100	100	100	99.6	0	0	99.4
Large 2 Axle Vehicles	0	3	0		3	0	0	0		0	2	2	0		4	0	0	0		0	0	0	7
% Large 2 Axle Vehicles	0	0.4	0	0	0.4	0	0	0	0	0	1	0.2	0	0	0.4	0	0	0	0	0	0	0	0.3
3 Axle Vehicles	0	3	0		3	0	0	0		0	0	1	0		1	2	0	0		2	0	0	6
% 3 Axle Vehicles	0	0.4	0	0	0.4	0	0	0	0	0	0	0.1	0	0	0.1	1.4	0	0	0	0.4	0	0	0.3
4+ Axle Trucks	0	1	0		1	0	0	0		0	0	1	0		1	0	0	0		0	0	0	2
% 4+ Axle Trucks	0	0.1	0	0	0.1	0	0	0	0	0	0	0.1	0	0	0.1	0	0	0	0	0	0	0	0.1

Start Time	Lakeview Avenue Southbound				Sunrise at Yorba Linda Driveway Westbound				Lakeview Avenue Northbound				Lemon Drive Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:15 PM																	
04:15 PM	0	92	15	107	0	0	0	0	25	111	1	137	17	0	33	50	294
04:30 PM	0	95	14	109	3	0	0	3	18	100	0	118	15	0	31	46	276
04:45 PM	0	80	23	103	0	0	0	0	19	94	0	113	25	1	26	52	268
05:00 PM	0	87	11	98	0	0	0	0	29	109	0	138	18	0	30	48	284
Total Volume	0	354	63	417	3	0	0	3	91	414	1	506	75	1	120	196	1122
% App. Total	0	84.9	15.1		100	0	0		18	81.8	0.2		38.3	0.5	61.2		
PHF	.000	.932	.685	.956	.250	.000	.000	.250	.784	.932	.250	.917	.750	.250	.909	.942	.954

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Lemon Drive
 Weather: Clear

File Name : 11_YLA_Lake_Lemon PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Lemon Drive
 Weather: Clear

File Name : 11_YLA_Lake_Lemon PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Lakeview Avenue Southbound				Sunrise at Yorba Linda Driveway Westbound				Lakeview Avenue Northbound				Lemon Drive Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:00 PM				04:00 PM				05:00 PM				04:15 PM				
+0 mins.	0	90	8	98	1	0	0	1	29	109	0	138	17	0	33	50	
+15 mins.	0	92	15	107	0	0	0	0	26	112	0	138	15	0	31	46	
+30 mins.	0	95	14	109	3	0	0	3	33	117	0	150	25	1	26	52	
+45 mins.	0	80	23	103	0	0	0	0	21	131	0	152	18	0	30	48	
Total Volume	0	357	60	417	4	0	0	4	109	469	0	578	75	1	120	196	
% App. Total	0	85.6	14.4		100	0	0		18.9	81.1	0		38.3	0.5	61.2		
PHF	.000	.939	.652	.956	.333	.000	.000	.333	.826	.895	.000	.951	.750	.250	.909	.942	

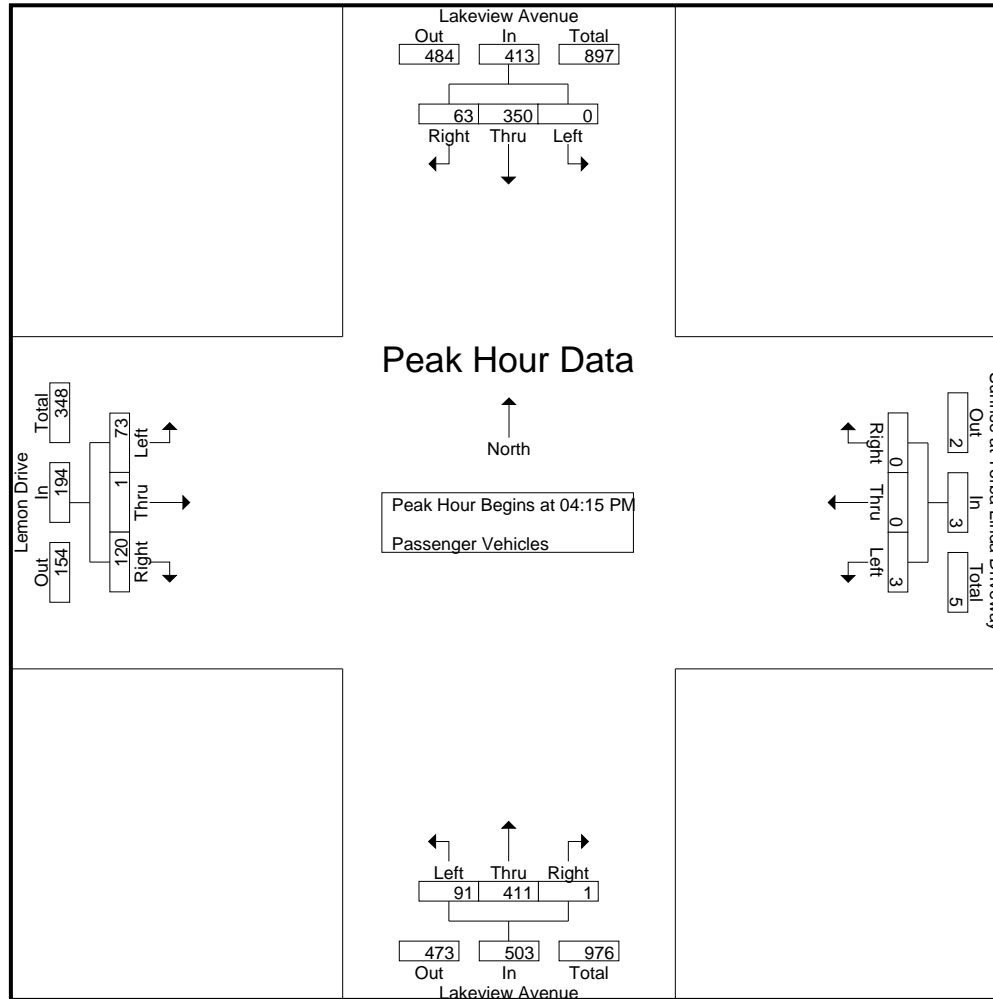
City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Lemon Drive
 Weather: Clear

File Name : 11_YLA_Lake_Lemon PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

Groups Printed- Passenger Vehicles

Start Time	Lakeview Avenue Southbound					Sunrise at Yorba Linda Driveway Westbound					Lakeview Avenue Northbound					Lemon Drive Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	0	90	8	1	98	1	0	0	0	1	27	100	0	0	127	18	0	11	7	29	8	255	263
04:15 PM	0	91	15	2	106	0	0	0	0	0	25	110	1	0	136	16	0	33	28	49	30	291	321
04:30 PM	0	95	14	5	109	3	0	0	0	3	18	99	0	0	117	15	0	31	20	46	25	275	300
04:45 PM	0	79	23	6	102	0	0	0	0	0	19	93	0	0	112	24	1	26	16	51	22	265	287
Total	0	355	60	14	415	4	0	0	0	4	89	402	1	0	492	73	1	101	71	175	85	1086	1171
05:00 PM	0	85	11	3	96	0	0	0	0	0	29	109	0	0	138	18	0	30	21	48	24	282	306
05:15 PM	0	66	11	4	77	1	0	0	0	1	26	112	0	0	138	15	0	24	23	39	27	255	282
05:30 PM	0	81	16	3	97	0	0	0	0	0	32	117	0	0	149	13	0	30	24	43	27	289	316
05:45 PM	0	83	11	0	94	0	0	0	0	0	20	130	0	0	150	23	0	14	8	37	8	281	289
Total	0	315	49	10	364	1	0	0	0	1	107	468	0	0	575	69	0	98	76	167	86	1107	1193
Grand Total	0	670	109	24	779	5	0	0	0	5	196	870	1	0	1067	142	1	199	147	342	171	2193	2364
Apprch %	0	86	14			100	0	0			18.4	81.5	0.1			41.5	0.3	58.2					
Total %	0	30.6	5		35.5	0.2	0	0		0.2	8.9	39.7	0		48.7	6.5	0	9.1		15.6	7.2	92.8	

Start Time	Lakeview Avenue Southbound				Sunrise at Yorba Linda Driveway Westbound				Lakeview Avenue Northbound				Lemon Drive Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:15 PM to 05:00 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:15 PM																	
04:15 PM	0	91	15	106	0	0	0	0	25	110	1	136	16	0	33	49	291
04:30 PM	0	95	14	109	3	0	0	3	18	99	0	117	15	0	31	46	275
04:45 PM	0	79	23	102	0	0	0	0	19	93	0	112	24	1	26	51	265
05:00 PM	0	85	11	96	0	0	0	0	29	109	0	138	18	0	30	48	282
Total Volume	0	350	63	413	3	0	0	3	91	411	1	503	73	1	120	194	1113
% App. Total	0	84.7	15.3		100	0	0		18.1	81.7	0.2		37.6	0.5	61.9		
PHF	.000	.921	.685	.947	.250	.000	.000	.250	.784	.934	.250	.911	.760	.250	.909	.951	.956



City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Lemon Drive
 Weather: Clear

File Name : 11_YLA_Lake_Lemon PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Lakeview Avenue Southbound				Sunrise at Yorba Linda Driveway Westbound				Lakeview Avenue Northbound				Lemon Drive Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:15 PM to 05:00 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:15 PM				04:15 PM				04:15 PM				04:15 PM				
+0 mins.	0	91	15	106	0	0	0	0	25	110	1	136	16	0	33	49	
+15 mins.	0	95	14	109	3	0	0	3	18	99	0	117	15	0	31	46	
+30 mins.	0	79	23	102	0	0	0	0	19	93	0	112	24	1	26	51	
+45 mins.	0	85	11	96	0	0	0	0	29	109	0	138	18	0	30	48	
Total Volume	0	350	63	413	3	0	0	3	91	411	1	503	73	1	120	194	
% App. Total	0	84.7	15.3		100	0	0		18.1	81.7	0.2		37.6	0.5	61.9		
PHF	.000	.921	.685	.947	.250	.000	.000	.250	.784	.934	.250	.911	.760	.250	.909	.951	

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Lemon Drive
 Weather: Clear

File Name : 11_YLA_Lake_Lemon PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

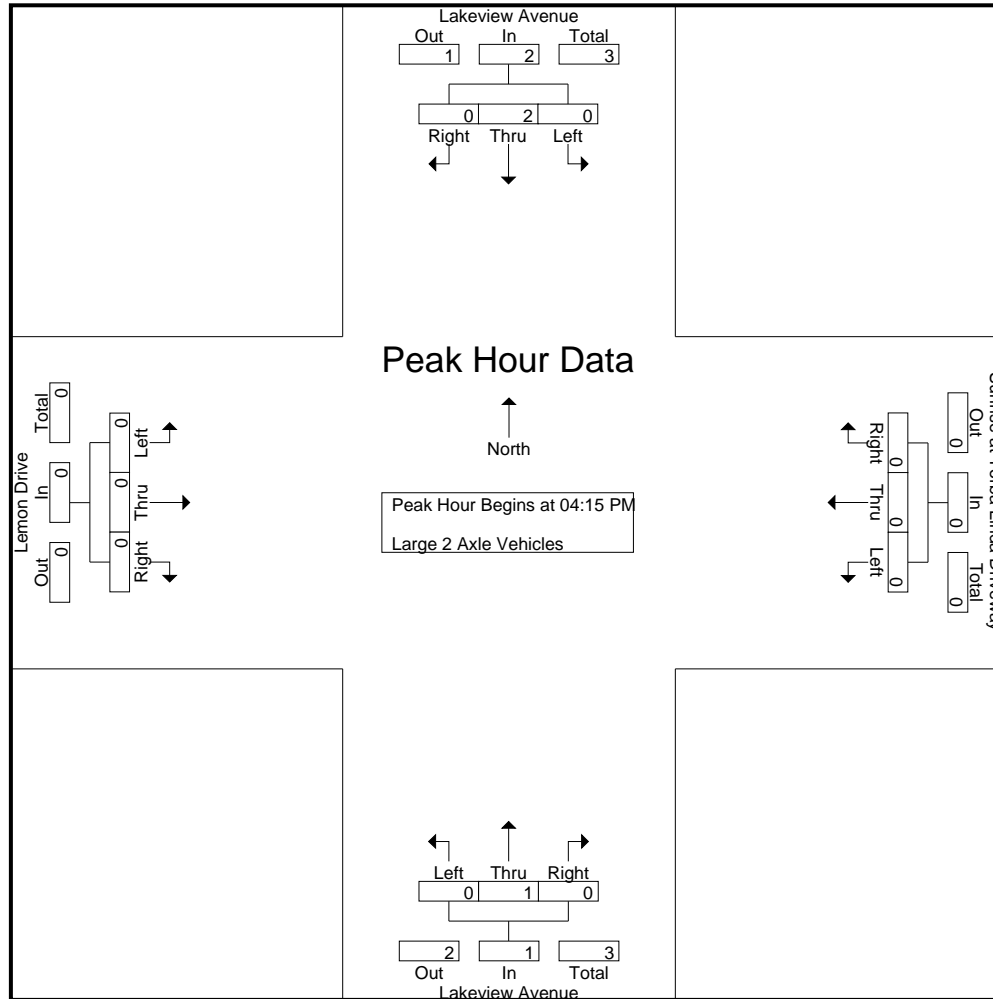
Groups Printed- Large 2 Axle Vehicles

Start Time	Lakeview Avenue Southbound					Sunrise at Yorba Linda Driveway Westbound					Lakeview Avenue Northbound					Lemon Drive Eastbound					Exclu. Total	Inclu. Total	Int. Total					
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total								
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Total	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	2
05:00 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
05:15 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
05:30 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1
05:45 PM	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2
Total	0	2	0	0	2	0	0	0	0	0	2	1	0	0	3	0	0	0	0	0	0	0	0	0	0	0	5	5
Grand Total	0	3	0	0	3	0	0	0	0	0	2	2	0	0	4	0	0	0	0	0	0	0	0	0	0	0	7	7
Apprch %	0	100	0			0	0	0			50	50	0			0	0	0			0	0	0			0		
Total %	0	42.9	0		42.9	0	0	0		0	28.6	28.6	0		57.1	0	0	0		0	0	0	0		0	0	100	

Start Time	Lakeview Avenue Southbound				Sunrise at Yorba Linda Driveway Westbound				Lakeview Avenue Northbound				Lemon Drive Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:15 PM to 05:00 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:15 PM																	
04:15 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
05:00 PM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Total Volume	0	2	0	2	0	0	0	0	0	1	0	1	0	0	0	0	3
% App. Total	0	100	0		0	0	0		0	100	0		0	0	0		
PHF	.000	.500	.000	.500	.000	.000	.000	.000	.000	.250	.000	.250	.000	.000	.000	.000	.750

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Lemon Drive
 Weather: Clear

File Name : 11_YLA_Lake_Lemon PM
 Site Code : 0512223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Lemon Drive
 Weather: Clear

File Name : 11_YLA_Lake_Lemon PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Lakeview Avenue Southbound				Sunrise at Yorba Linda Driveway Westbound				Lakeview Avenue Northbound				Lemon Drive Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:15 PM to 05:00 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:15 PM				04:15 PM				04:15 PM				04:15 PM				
+0 mins.	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
+30 mins.	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
+45 mins.	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
Total Volume	0	2	0	2	0	0	0	0	0	1	0	1	0	0	0	0	
% App. Total	0	100	0		0	0	0		0	100	0		0	0	0		
PHF	.000	.500	.000	.500	.000	.000	.000	.000	.000	.250	.000	.250	.000	.000	.000	.000	

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Lemon Drive
 Weather: Clear

File Name : 11_YLA_Lake_Lemon PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

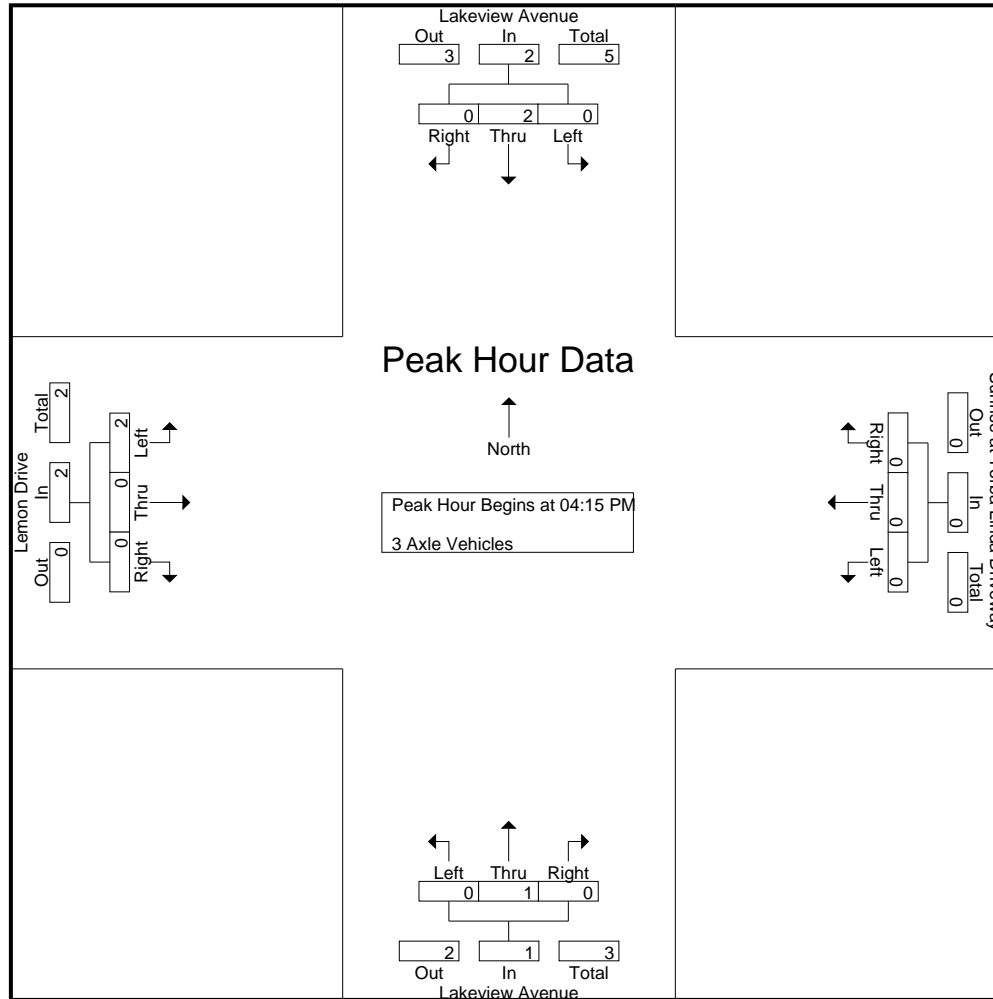
Groups Printed- 3 Axle Vehicles

Start Time	Lakeview Avenue Southbound					Sunrise at Yorba Linda Driveway Westbound					Lakeview Avenue Northbound					Lemon Drive Eastbound					Exclu. Total	Inclu. Total	Int. Total				
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total							
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	2	2
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1	1
Total	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	2	0	0	0	2	0	0	0	0	0	4	4
05:00 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
Grand Total	0	3	0	0	3	0	0	0	0	0	0	1	0	0	1	2	0	0	0	2	0	0	0	0	0	6	6
Apprch %	0	100	0			0	0	0			0	100	0			100	0	0			0	0	0				
Total %	0	50	0		50	0	0	0		0	0	16.7	0		16.7	33.3	0	0		33.3	0	100					

Start Time	Lakeview Avenue Southbound				Sunrise at Yorba Linda Driveway Westbound				Lakeview Avenue Northbound				Lemon Drive Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:15 PM to 05:00 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:15 PM																	
04:15 PM	0	1	0	1	0	0	0	0	0	0	0	0	1	0	0	1	2
04:30 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
05:00 PM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Total Volume	0	2	0	2	0	0	0	0	0	1	0	1	2	0	0	2	5
% App. Total	0	100	0		0	0	0		0	100	0		100	0	0		
PHF	.000	.500	.000	.500	.000	.000	.000	.000	.000	.250	.000	.250	.500	.000	.000	.500	.625

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Lemon Drive
 Weather: Clear

File Name : 11_YLA_Lake_Lemon PM
 Site Code : 0512223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Lemon Drive
 Weather: Clear

File Name : 11_YLA_Lake_Lemon PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Lakeview Avenue Southbound				Sunrise at Yorba Linda Driveway Westbound				Lakeview Avenue Northbound				Lemon Drive Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:15 PM to 05:00 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:15 PM				04:15 PM				04:15 PM				04:15 PM				
+0 mins.	0	1	0	1	0	0	0	0	0	0	0	0	1	0	0	1	
+15 mins.	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	
+45 mins.	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
Total Volume	0	2	0	2	0	0	0	0	0	1	0	1	2	0	0	2	
% App. Total	0	100	0		0	0	0		0	100	0		100	0	0		
PHF	.000	.500	.000	.500	.000	.000	.000	.000	.000	.250	.000	.250	.500	.000	.000	.500	

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Lemon Drive
 Weather: Clear

File Name : 11_YLA_Lake_Lemon PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

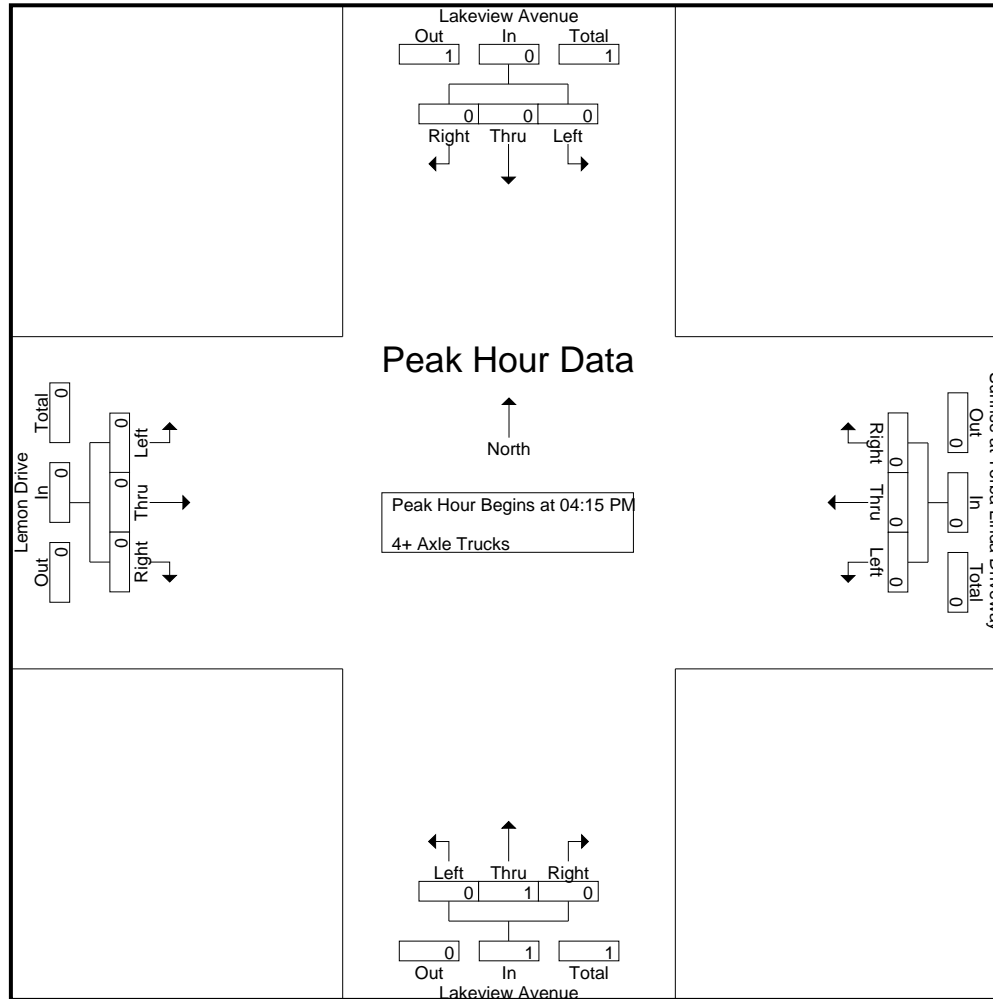
Groups Printed- 4+ Axle Trucks

Start Time	Lakeview Avenue Southbound					Sunrise at Yorba Linda Driveway Westbound					Lakeview Avenue Northbound					Lemon Drive Eastbound					Exclu. Total	Inclu. Total	Int. Total				
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total							
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1
Total	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Total	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Grand Total	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	2	2
Apprch %	0	100	0			0	0	0			0	100	0			0	0	0			0	0	0		0		
Total %	0	50	0		50	0	0	0		0	0	50	0		50	0	0	0		0	0	0	0		0	100	

Start Time	Lakeview Avenue Southbound				Sunrise at Yorba Linda Driveway Westbound				Lakeview Avenue Northbound				Lemon Drive Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
% App. Total	0	0	0		0	0	0		0	100	0		0	0	0		
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.250	.000	.250	.000	.000	.000	.000	.250

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Lemon Drive
 Weather: Clear

File Name : 11_YLA_Lake_Lemon PM
 Site Code : 0512223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Lemon Drive
 Weather: Clear

File Name : 11_YLA_Lake_Lemon PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Lakeview Avenue Southbound				Sunrise at Yorba Linda Driveway Westbound				Lakeview Avenue Northbound				Lemon Drive Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:15 PM to 05:00 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:15 PM				04:15 PM				04:15 PM				04:15 PM				
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
% App. Total	0	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.250	.000	.250	.000	.000	.000	.000	.000

Location: Yorba Linda
 N/S: Lakeview Avenue
 E/W: Lemon Drive



Date: 3/15/2022
 Day: Tuesday

PEDESTRIANS

	North Leg Lakeview Avenue	East Leg Sunrise Driveway	South Leg Lakeview Avenue	West Leg Lemon Drive	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	1	1
7:30 AM	0	0	0	0	0
7:45 AM	0	0	0	0	0
8:00 AM	0	0	0	1	1
8:15 AM	0	0	2	0	2
8:30 AM	0	0	4	0	4
8:45 AM	0	0	4	1	5
TOTAL VOLUMES:	0	0	10	3	13

	North Leg Lakeview Avenue	East Leg Sunrise Driveway	South Leg Lakeview Avenue	West Leg Lemon Drive	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	1	0	1
4:15 PM	0	0	1	0	1
4:30 PM	0	0	0	0	0
4:45 PM	0	0	4	2	6
5:00 PM	0	0	3	0	3
5:15 PM	0	0	4	3	7
5:30 PM	0	0	5	3	8
5:45 PM	0	0	5	4	9
TOTAL VOLUMES:	0	0	23	12	35

Location: Yorba Linda
 N/S: Lakeview Avenue
 E/W: Lemon Drive



Date: 3/15/2022
 Day: Tuesday

BICYCLES

	Southbound Lakeview Avenue			Westbound Sunrise Driveway			Northbound Lakeview Avenue			Eastbound Lemon Drive			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	0	0	0	0	0	0	0	0	0

	Southbound Lakeview Avenue			Westbound Sunrise Driveway			Northbound Lakeview Avenue			Eastbound Lemon Drive			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	1	1
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	1	0	0	0	0	1	0	0	0	0	0	2
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	1	0	0	0	0	1	0	0	0	0	1	3

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 12_YLA_Lake_Yorba AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

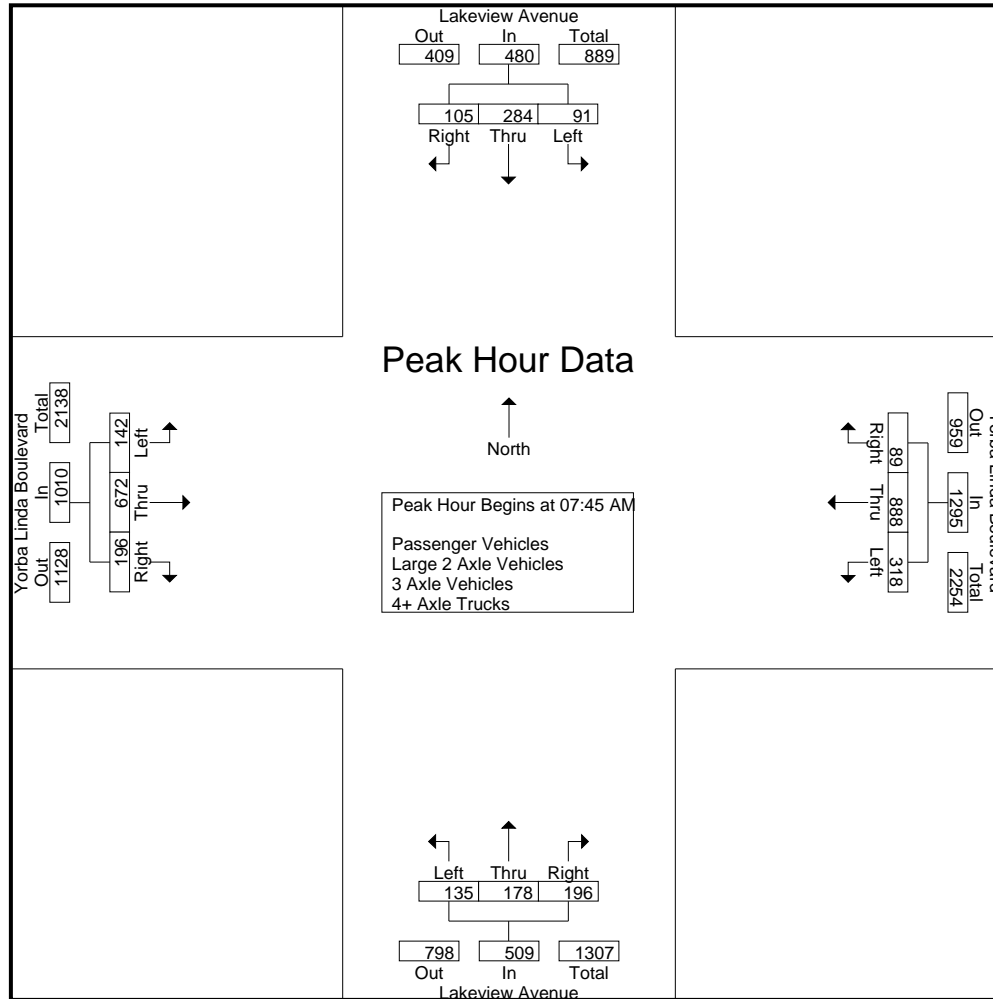
Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

Start Time	Lakeview Avenue Southbound					Yorba Linda Boulevard Westbound					Lakeview Avenue Northbound					Yorba Linda Boulevard Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	6	70	7	0	83	66	101	10	4	177	11	33	20	12	64	12	63	23	4	98	20	422	442
07:15 AM	14	67	19	0	100	64	152	6	0	222	17	24	25	15	66	16	85	14	3	115	18	503	521
07:30 AM	19	84	38	0	141	76	222	7	0	305	28	58	29	16	115	24	115	29	1	168	17	729	746
07:45 AM	25	84	38	0	147	91	218	21	2	330	28	54	55	35	137	30	166	30	5	226	42	840	882
Total	64	305	102	0	471	297	693	44	6	1034	84	169	129	78	382	82	429	96	13	607	97	2494	2591
08:00 AM	21	72	23	1	116	76	214	17	2	307	28	38	43	32	109	29	166	46	10	241	45	773	818
08:15 AM	22	64	25	0	111	72	229	26	1	327	36	36	39	25	111	40	169	53	10	262	36	811	847
08:30 AM	23	64	19	1	106	79	227	25	3	331	43	50	59	46	152	43	171	67	20	281	70	870	940
08:45 AM	21	64	35	3	120	52	208	16	1	276	44	43	58	35	145	45	170	19	3	234	42	775	817
Total	87	264	102	5	453	279	878	84	7	1241	151	167	199	138	517	157	676	185	43	1018	193	3229	3422
Grand Total	151	569	204	5	924	576	1571	128	13	2275	235	336	328	216	899	239	1105	281	56	1625	290	5723	6013
Apprch %	16.3	61.6	22.1			25.3	69.1	5.6			26.1	37.4	36.5			14.7	68	17.3					
Total %	2.6	9.9	3.6		16.1	10.1	27.5	2.2		39.8	4.1	5.9	5.7		15.7	4.2	19.3	4.9		28.4	4.8	95.2	
Passenger Vehicles	148	565	198		916	573	1547	122		2255	231	328	320		1090	230	1073	278		1637	0	0	5898
% Passenger Vehicles	98	99.3	97.1	100	98.6	99.5	98.5	95.3	100	98.6	98.3	97.6	97.6	97.7	97.8	96.2	97.1	98.9	100	97.4	0	0	98.1
Large 2 Axle Vehicles	2	4	4		10	3	19	4		26	3	8	8		24	9	23	3		35	0	0	95
% Large 2 Axle Vehicles	1.3	0.7	2	0	1.1	0.5	1.2	3.1	0	1.1	1.3	2.4	2.4	2.3	2.2	3.8	2.1	1.1	0	2.1	0	0	1.6
3 Axle Vehicles	1	0	1		2	0	3	0		3	1	0	0		1	0	5	0		5	0	0	11
% 3 Axle Vehicles	0.7	0	0.5	0	0.2	0	0.2	0	0	0.1	0.4	0	0	0	0.1	0	0.5	0	0	0.3	0	0	0.2
4+ Axle Trucks	0	0	1		1	0	2	2		4	0	0	0		0	0	4	0		4	0	0	9
% 4+ Axle Trucks	0	0	0.5	0	0.1	0	0.1	1.6	0	0.2	0	0	0	0	0	0	0.4	0	0	0.2	0	0	0.1

Start Time	Lakeview Avenue Southbound				Yorba Linda Boulevard Westbound				Lakeview Avenue Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	25	84	38	147	91	218	21	330	28	54	55	137	30	166	30	226	840
08:00 AM	21	72	23	116	76	214	17	307	28	38	43	109	29	166	46	241	773
08:15 AM	22	64	25	111	72	229	26	327	36	36	39	111	40	169	53	262	811
08:30 AM	23	64	19	106	79	227	25	331	43	50	59	152	43	171	67	281	870
Total Volume	91	284	105	480	318	888	89	1295	135	178	196	509	142	672	196	1010	3294
% App. Total	19	59.2	21.9		24.6	68.6	6.9		26.5	35	38.5		14.1	66.5	19.4		
PHF	.910	.845	.691	.816	.874	.969	.856	.978	.785	.824	.831	.837	.826	.982	.731	.899	.947

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 12_YLA_Lake_Yorba AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 12_YLA_Lake_Yorba AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Lakeview Avenue Southbound				Yorba Linda Boulevard Westbound				Lakeview Avenue Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:30 AM				07:45 AM				08:00 AM				08:00 AM				
+0 mins.	19	84	38	141	91	218	21	330	28	38	43	109	29	166	46	241	
+15 mins.	25	84	38	147	76	214	17	307	36	36	39	111	40	169	53	262	
+30 mins.	21	72	23	116	72	229	26	327	43	50	59	152	43	171	67	281	
+45 mins.	22	64	25	111	79	227	25	331	44	43	58	145	45	170	19	234	
Total Volume	87	304	124	515	318	888	89	1295	151	167	199	517	157	676	185	1018	
% App. Total	16.9	59	24.1		24.6	68.6	6.9		29.2	32.3	38.5		15.4	66.4	18.2		
PHF	.870	.905	.816	.876	.874	.969	.856	.978	.858	.835	.843	.850	.872	.988	.690	.906	

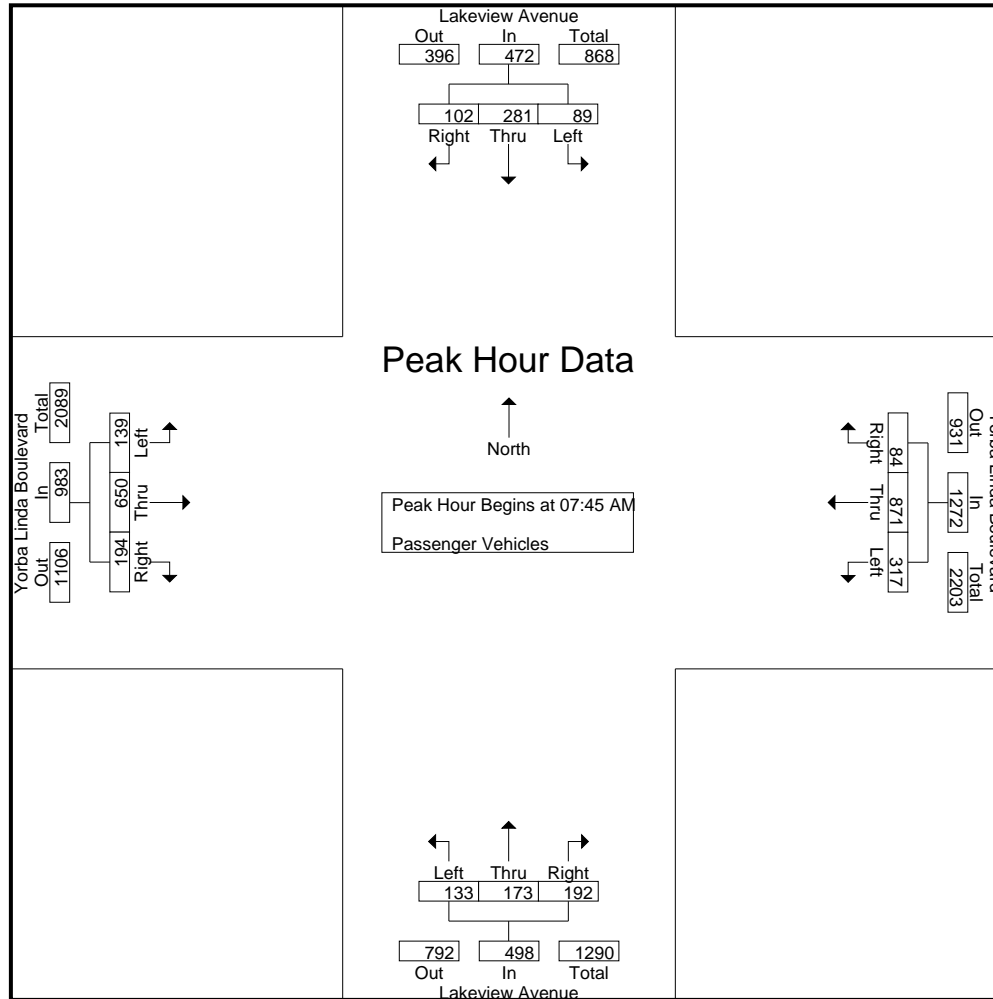
City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 12_YLA_Lake_Yorba AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

Groups Printed- Passenger Vehicles

Start Time	Lakeview Avenue Southbound					Yorba Linda Boulevard Westbound					Lakeview Avenue Northbound					Yorba Linda Boulevard Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	6	70	7	0	83	66	100	9	4	175	11	31	19	11	61	11	60	23	4	94	19	413	432
07:15 AM	14	67	17	0	98	64	151	6	0	221	17	24	24	15	65	15	83	14	3	112	18	496	514
07:30 AM	18	84	37	0	139	76	219	7	0	302	27	58	28	16	113	22	113	28	1	163	17	717	734
07:45 AM	25	83	37	0	145	91	214	20	2	325	28	54	55	35	137	29	159	30	5	218	42	825	867
Total	63	304	98	0	465	297	684	42	6	1023	83	167	126	77	376	77	415	95	13	587	96	2451	2547
08:00 AM	20	70	23	1	113	75	212	17	2	304	28	35	41	30	104	28	160	45	10	233	43	754	797
08:15 AM	22	64	23	0	109	72	223	26	1	321	36	35	38	25	109	40	164	53	10	257	36	796	832
08:30 AM	22	64	19	1	105	79	222	21	3	322	41	49	58	45	148	42	167	66	20	275	69	850	919
08:45 AM	21	63	35	3	119	50	206	16	1	272	43	42	57	34	142	43	167	19	3	229	41	762	803
Total	85	261	100	5	446	276	863	80	7	1219	148	161	194	134	503	153	658	183	43	994	189	3162	3351
Grand Total	148	565	198	5	911	573	1547	122	13	2242	231	328	320	211	879	230	1073	278	56	1581	285	5613	5898
Apprch %	16.2	62	21.7			25.6	69	5.4			26.3	37.3	36.4			14.5	67.9	17.6					
Total %	2.6	10.1	3.5		16.2	10.2	27.6	2.2		39.9	4.1	5.8	5.7		15.7	4.1	19.1	5		28.2	4.8	95.2	

Start Time	Lakeview Avenue Southbound				Yorba Linda Boulevard Westbound				Lakeview Avenue Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	25	83	37	145	91	214	20	325	28	54	55	137	29	159	30	218	825
08:00 AM	20	70	23	113	75	212	17	304	28	35	41	104	28	160	45	233	754
08:15 AM	22	64	23	109	72	223	26	321	36	35	38	109	40	164	53	257	796
08:30 AM	22	64	19	105	79	222	21	322	41	49	58	148	42	167	66	275	850
Total Volume	89	281	102	472	317	871	84	1272	133	173	192	498	139	650	194	983	3225
% App. Total	18.9	59.5	21.6		24.9	68.5	6.6		26.7	34.7	38.6		14.1	66.1	19.7		
PHF	.890	.846	.689	.814	.871	.976	.808	.978	.811	.801	.828	.841	.827	.973	.735	.894	.949



City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 12_YLA_Lake_Yorba AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Lakeview Avenue Southbound				Yorba Linda Boulevard Westbound				Lakeview Avenue Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:45 AM				07:45 AM				07:45 AM				07:45 AM				
+0 mins.	25	83	37	145	91	214	20	325	28	54	55	137	29	159	30	218	
+15 mins.	20	70	23	113	75	212	17	304	28	35	41	104	28	160	45	233	
+30 mins.	22	64	23	109	72	223	26	321	36	35	38	109	40	164	53	257	
+45 mins.	22	64	19	105	79	222	21	322	41	49	58	148	42	167	66	275	
Total Volume	89	281	102	472	317	871	84	1272	133	173	192	498	139	650	194	983	
% App. Total	18.9	59.5	21.6		24.9	68.5	6.6		26.7	34.7	38.6		14.1	66.1	19.7		
PHF	.890	.846	.689	.814	.871	.976	.808	.978	.811	.801	.828	.841	.827	.973	.735	.894	

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 12_YLA_Lake_Yorba AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

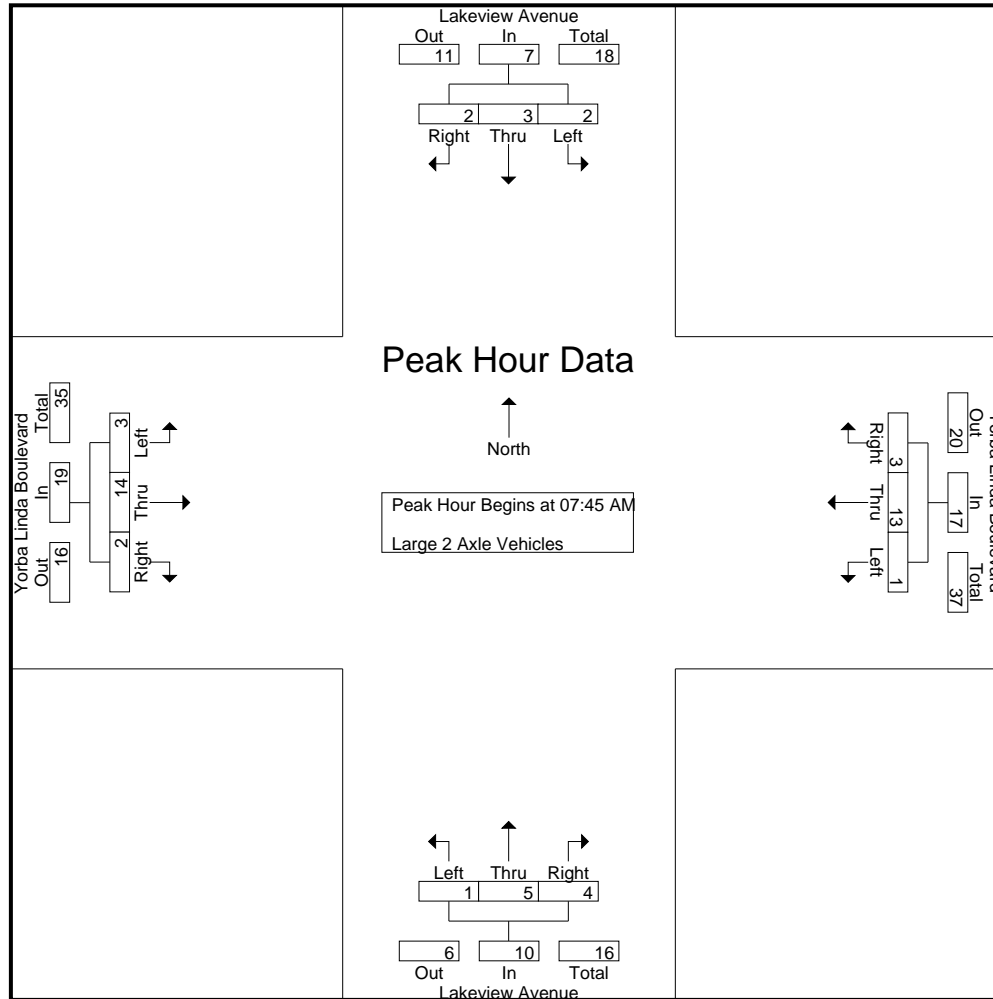
Groups Printed- Large 2 Axle Vehicles

Start Time	Lakeview Avenue Southbound					Yorba Linda Boulevard Westbound					Lakeview Avenue Northbound					Yorba Linda Boulevard Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	0	0	0	0	0	0	1	1	0	2	0	2	1	1	3	1	2	0	0	3	1	8	9
07:15 AM	0	0	1	0	1	0	1	0	0	1	0	0	1	0	1	1	2	0	0	3	0	6	6
07:30 AM	0	0	1	0	1	0	3	0	0	3	1	0	1	0	2	2	2	1	0	5	0	11	11
07:45 AM	0	1	1	0	2	0	2	1	0	3	0	0	0	0	0	1	3	0	0	4	0	9	9
Total	0	1	3	0	4	0	7	2	0	9	1	2	3	1	6	5	9	1	0	15	1	34	35
08:00 AM	1	2	0	0	3	1	2	0	0	3	0	3	2	2	5	1	5	1	0	7	2	18	20
08:15 AM	0	0	1	0	1	0	4	0	0	4	0	1	1	0	2	0	4	0	0	4	0	11	11
08:30 AM	1	0	0	0	1	0	5	2	0	7	1	1	1	1	3	1	2	1	0	4	1	15	16
08:45 AM	0	1	0	0	1	2	1	0	0	3	1	1	1	1	3	2	3	0	0	5	1	12	13
Total	2	3	1	0	6	3	12	2	0	17	2	6	5	4	13	4	14	2	0	20	4	56	60
Grand Total	2	4	4	0	10	3	19	4	0	26	3	8	8	5	19	9	23	3	0	35	5	90	95
Apprch %	20	40	40			11.5	73.1	15.4			15.8	42.1	42.1			25.7	65.7	8.6					
Total %	2.2	4.4	4.4		11.1	3.3	21.1	4.4		28.9	3.3	8.9	8.9		21.1	10	25.6	3.3		38.9	5.3	94.7	

Start Time	Lakeview Avenue Southbound				Yorba Linda Boulevard Westbound				Lakeview Avenue Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	0	1	1	2	0	2	1	3	0	0	0	0	1	3	0	4	9
08:00 AM	1	2	0	3	1	2	0	3	0	3	2	5	1	5	1	7	18
08:15 AM	0	0	1	1	0	4	0	4	0	1	1	2	0	4	0	4	11
08:30 AM	1	0	0	1	0	5	2	7	1	1	1	3	1	2	1	4	15
Total Volume	2	3	2	7	1	13	3	17	1	5	4	10	3	14	2	19	53
% App. Total	28.6	42.9	28.6		5.9	76.5	17.6		10	50	40		15.8	73.7	10.5		
PHF	.500	.375	.500	.583	.250	.650	.375	.607	.250	.417	.500	.500	.750	.700	.500	.679	.736

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 12_YLA_Lake_Yorba AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 12_YLA_Lake_Yorba AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Lakeview Avenue Southbound				Yorba Linda Boulevard Westbound				Lakeview Avenue Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:45 AM				07:45 AM				07:45 AM				07:45 AM				
+0 mins.	0	1	1	2	0	2	1	3	0	0	0	0	1	3	0	4	
+15 mins.	1	2	0	3	1	2	0	3	0	3	2	5	1	5	1	7	
+30 mins.	0	0	1	1	0	4	0	4	0	1	1	2	0	4	0	4	
+45 mins.	1	0	0	1	0	5	2	7	1	1	1	3	1	2	1	4	
Total Volume	2	3	2	7	1	13	3	17	1	5	4	10	3	14	2	19	
% App. Total	28.6	42.9	28.6		5.9	76.5	17.6		10	50	40		15.8	73.7	10.5		
PHF	.500	.375	.500	.583	.250	.650	.375	.607	.250	.417	.500	.500	.750	.700	.500	.679	

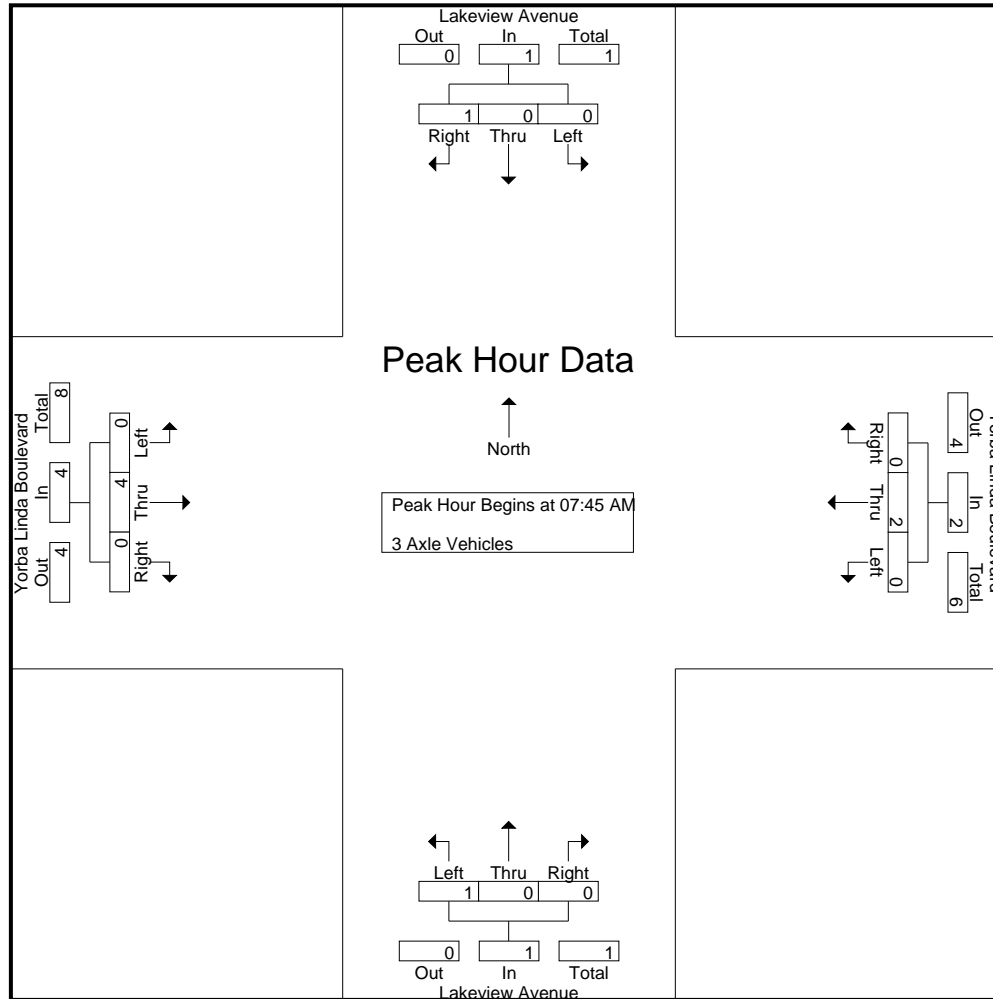
City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 12_YLA_Lake_Yorba AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

Groups Printed- 3 Axle Vehicles

Start Time	Lakeview Avenue Southbound					Yorba Linda Boulevard Westbound					Lakeview Avenue Northbound					Yorba Linda Boulevard Eastbound					Exclu. Total	Inclu. Total	Int. Total	
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total				
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	1
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
07:45 AM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	0	3	3	3
Total	1	0	0	0	1	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	0	5	5	5
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15 AM	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	2	2	2
08:30 AM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	2	0	0	2	0	3	3	3
08:45 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1
Total	0	0	1	0	1	0	1	0	0	1	1	0	0	0	1	0	3	0	0	3	0	6	6	6
Grand Total	1	0	1	0	2	0	3	0	0	3	1	0	0	0	1	0	5	0	0	5	0	11	11	11
Apprch %	50	0	50			0	100	0			100	0	0			0	100	0			0	100	100	100
Total %	9.1	0	9.1		18.2	0	27.3	0		27.3	9.1	0	0		9.1	0	45.5	0		45.5	0	100	100	100

Start Time	Lakeview Avenue Southbound				Yorba Linda Boulevard Westbound				Lakeview Avenue Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	0	0	0	0	0	2	0	2	0	0	0	0	0	1	0	1	3
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15 AM	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	1	2
08:30 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	2	0	2	3
Total Volume	0	0	1	1	0	2	0	2	1	0	0	1	0	4	0	4	8
% App. Total	0	0	100		0	100	0		100	0	0		0	100	0		
PHF	.000	.000	.250	.250	.000	.250	.000	.250	.250	.000	.000	.250	.000	.500	.000	.500	.667



City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 12_YLA_Lake_Yorba AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Lakeview Avenue Southbound				Yorba Linda Boulevard Westbound				Lakeview Avenue Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:45 AM				07:45 AM				07:45 AM				07:45 AM				
+0 mins.	0	0	0	0	0	2	0	2	0	0	0	0	0	1	0	1	
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
+30 mins.	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	1	
+45 mins.	0	0	0	0	0	0	0	0	1	0	0	1	0	2	0	2	
Total Volume	0	0	1	1	0	2	0	2	1	0	0	1	0	4	0	4	
% App. Total	0	0	100		0	100	0		100	0	0		0	100	0		
PHF	.000	.000	.250	.250	.000	.250	.000	.250	.250	.000	.000	.250	.000	.500	.000	.500	

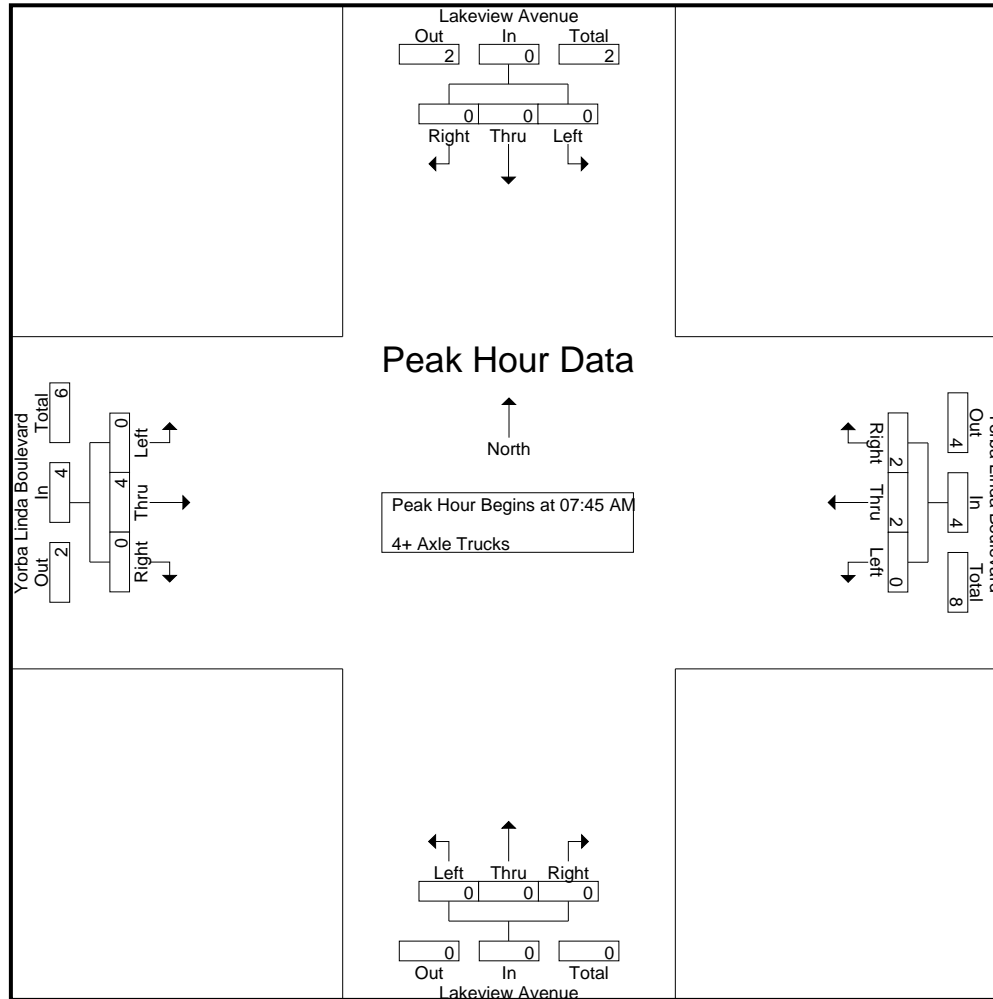
City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 12_YLA_Lake_Yorba AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

Groups Printed- 4+ Axle Trucks

Start Time	Lakeview Avenue Southbound					Yorba Linda Boulevard Westbound					Lakeview Avenue Northbound					Yorba Linda Boulevard Eastbound					Exclu. Total	Inclu. Total	Int. Total					
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total								
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	3	0	0	3	0	3	3
Total	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	3	0	0	3	0	4	4
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	1	0	1	1
08:15 AM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
08:30 AM	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	2	2	0	4	0	0	0	0	0	0	1	0	0	1	0	1	0	0	1	0	5	5
Grand Total	0	0	1	0	1	0	2	2	0	4	0	0	0	0	0	0	4	0	0	4	0	4	0	0	4	0	9	9
Apprch %	0	0	100			0	50	50			0	0	0			0	100	0			0	100	0			0	100	100
Total %	0	0	11.1		11.1	0	22.2	22.2		44.4	0	0	0		0	0	44.4	0		44.4	0	44.4	0		44.4	0	100	100

Start Time	Lakeview Avenue Southbound				Yorba Linda Boulevard Westbound				Lakeview Avenue Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3	3
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
08:15 AM	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2
08:30 AM	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	2
Total Volume	0	0	0	0	0	2	2	4	0	0	0	0	0	4	0	4	8
% App. Total	0	0	0	0	0	50	50		0	0	0		0	100	0		
PHF	.000	.000	.000	.000	.000	.250	.250	.500	.000	.000	.000	.000	.000	.333	.000	.333	.667



City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 12_YLA_Lake_Yorba AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Lakeview Avenue Southbound				Yorba Linda Boulevard Westbound				Lakeview Avenue Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:45 AM				07:45 AM				07:45 AM				07:45 AM				
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3	
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
+30 mins.	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	
+45 mins.	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	
Total Volume	0	0	0	0	0	2	2	4	0	0	0	0	0	4	0	4	
% App. Total	0	0	0	0	0	50	50		0	0	0		0	100	0		
PHF	.000	.000	.000	.000	.000	.250	.250	.500	.000	.000	.000	.000	.000	.333	.000	.333	

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 12_YLA_Lake_Yorba PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

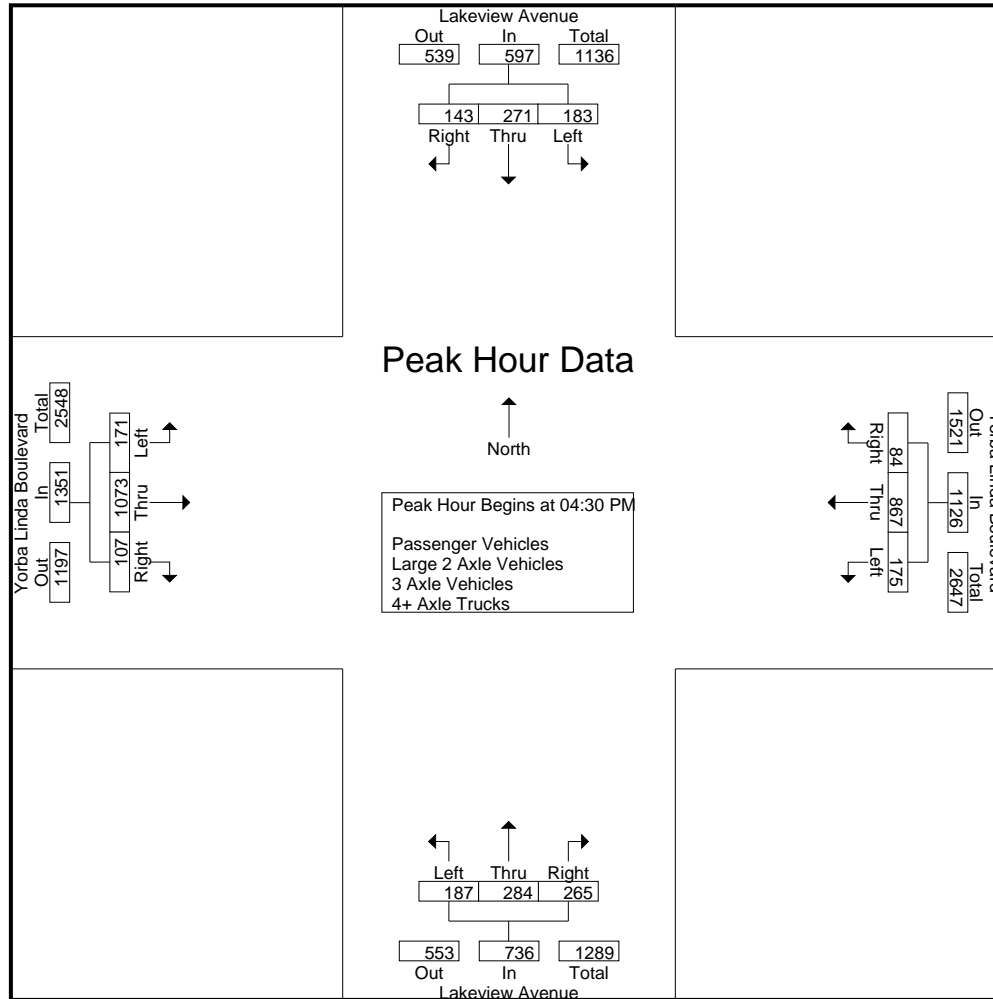
Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

Start Time	Lakeview Avenue Southbound					Yorba Linda Boulevard Westbound					Lakeview Avenue Northbound					Yorba Linda Boulevard Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	40	64	12	0	116	42	213	29	3	284	44	50	52	34	146	37	254	25	4	316	41	862	903
04:15 PM	41	58	34	5	133	43	209	18	1	270	56	72	55	34	183	47	273	28	4	348	44	934	978
04:30 PM	45	69	30	2	144	43	231	20	1	294	46	76	54	35	176	39	279	33	7	351	45	965	1010
04:45 PM	54	69	42	6	165	35	214	17	1	266	46	69	75	51	190	43	255	24	1	322	59	943	1002
Total	180	260	118	13	558	163	867	84	6	1114	192	267	236	154	695	166	1061	110	16	1337	189	3704	3893
05:00 PM	39	71	31	0	141	50	192	28	5	270	43	62	74	47	179	47	265	29	5	341	57	931	988
05:15 PM	45	62	40	2	147	47	230	19	4	296	52	77	62	42	191	42	274	21	5	337	53	971	1024
05:30 PM	55	62	32	1	149	54	209	35	1	298	32	82	62	47	176	42	258	25	4	325	53	948	1001
05:45 PM	40	48	30	2	118	45	199	21	1	265	37	90	48	31	175	61	271	27	6	359	40	917	957
Total	179	243	133	5	555	196	830	103	11	1129	164	311	246	167	721	192	1068	102	20	1362	203	3767	3970
Grand Total	359	503	251	18	1113	359	1697	187	17	2243	356	578	482	321	1416	358	2129	212	36	2699	392	7471	7863
Apprch %	32.3	45.2	22.6			16	75.7	8.3			25.1	40.8	34			13.3	78.9	7.9					
Total %	4.8	6.7	3.4		14.9	4.8	22.7	2.5		30	4.8	7.7	6.5		19	4.8	28.5	2.8		36.1	5	95	
Passenger Vehicles	358	499	247		1122	357	1686	186		2246	354	578	482		1735	352	2122	210		2720	0	0	7823
% Passenger Vehicles	99.7	99.2	98.4		99.2	99.4	99.4	99.5		99.4	99.4	100	100		99.9	98.3	99.7	99.1		99.5	0	0	99.5
Large 2 Axle Vehicles	1	2	1		4	1	8	1		10	2	0	0		2	4	5	0		9	0	0	25
% Large 2 Axle Vehicles	0.3	0.4	0.4		0.4	0.3	0.5	0.5		0.4	0.6	0	0		0.1	1.1	0.2	0		0.3	0	0	0.3
3 Axle Vehicles	0	2	1		3	0	1	0		1	0	0	0		0	1	1	2		4	0	0	8
% 3 Axle Vehicles	0	0.4	0.4		0.3	0	0.1	0		0	0	0	0		0	0.3	0	0.9		0.1	0	0	0.1
4+ Axle Trucks	0	0	2		2	1	2	0		3	0	0	0		0	1	1	0		2	0	0	7
% 4+ Axle Trucks	0	0	0.8		0.2	0.3	0.1	0		0.1	0	0	0		0	0.3	0	0		0.1	0	0	0.1

Start Time	Lakeview Avenue Southbound				Yorba Linda Boulevard Westbound				Lakeview Avenue Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	45	69	30	144	43	231	20	294	46	76	54	176	39	279	33	351	965
04:45 PM	54	69	42	165	35	214	17	266	46	69	75	190	43	255	24	322	943
05:00 PM	39	71	31	141	50	192	28	270	43	62	74	179	47	265	29	341	931
05:15 PM	45	62	40	147	47	230	19	296	52	77	62	191	42	274	21	337	971
Total Volume	183	271	143	597	175	867	84	1126	187	284	265	736	171	1073	107	1351	3810
% App. Total	30.7	45.4	24		15.5	77	7.5		25.4	38.6	36		12.7	79.4	7.9		
PHF	.847	.954	.851	.905	.875	.938	.750	.951	.899	.922	.883	.963	.910	.961	.811	.962	.981

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 12_YLA_Lake_Yorba PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 12_YLA_Lake_Yorba PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Lakeview Avenue Southbound				Yorba Linda Boulevard Westbound				Lakeview Avenue Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:45 PM				04:45 PM				04:30 PM				04:15 PM				
+0 mins.	54	69	42	165	35	214	17	266	46	76	54	176	47	273	28	348	
+15 mins.	39	71	31	141	50	192	28	270	46	69	75	190	39	279	33	351	
+30 mins.	45	62	40	147	47	230	19	296	43	62	74	179	43	255	24	322	
+45 mins.	55	62	32	149	54	209	35	298	52	77	62	191	47	265	29	341	
Total Volume	193	264	145	602	186	845	99	1130	187	284	265	736	176	1072	114	1362	
% App. Total	32.1	43.9	24.1		16.5	74.8	8.8		25.4	38.6	36		12.9	78.7	8.4		
PHF	.877	.930	.863	.912	.861	.918	.707	.948	.899	.922	.883	.963	.936	.961	.864	.970	

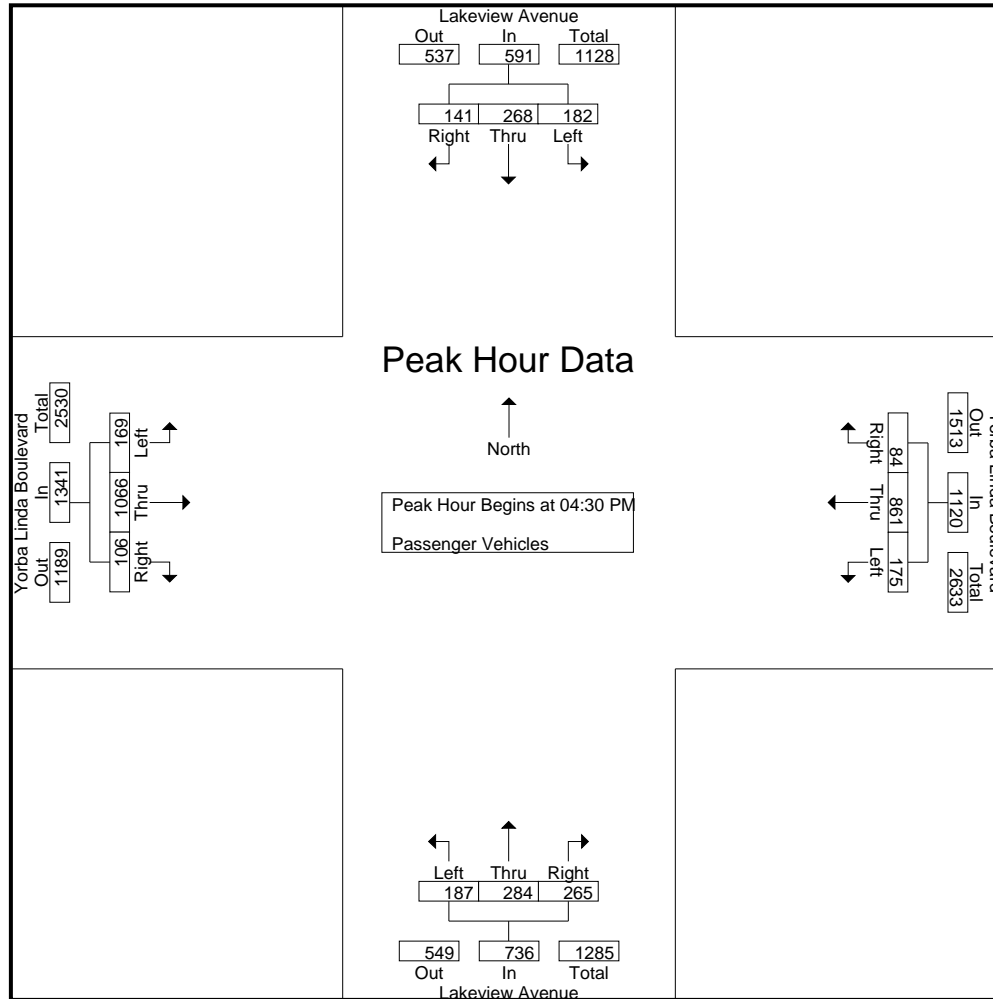
City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 12_YLA_Lake_Yorba PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

Groups Printed- Passenger Vehicles

Start Time	Lakeview Avenue Southbound					Yorba Linda Boulevard Westbound					Lakeview Avenue Northbound					Yorba Linda Boulevard Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	40	64	12	0	116	41	211	28	3	280	44	50	52	34	146	36	254	25	4	315	41	857	898
04:15 PM	41	58	33	5	132	43	208	18	1	269	55	72	55	34	182	47	273	27	4	347	44	930	974
04:30 PM	44	68	30	2	142	43	228	20	1	291	46	76	54	35	176	38	278	32	7	348	45	957	1002
04:45 PM	54	68	41	6	163	35	214	17	1	266	46	69	75	51	190	42	254	24	1	320	59	939	998
Total	179	258	116	13	553	162	861	83	6	1106	191	267	236	154	694	163	1059	108	16	1330	189	3683	3872
05:00 PM	39	71	31	0	141	50	189	28	5	267	43	62	74	47	179	47	263	29	5	339	57	926	983
05:15 PM	45	61	39	2	145	47	230	19	4	296	52	77	62	42	191	42	271	21	5	334	53	966	1019
05:30 PM	55	61	32	1	148	53	207	35	1	295	32	82	62	47	176	41	258	25	4	324	53	943	996
05:45 PM	40	48	29	2	117	45	199	21	1	265	36	90	48	31	174	59	271	27	6	357	40	913	953
Total	179	241	131	5	551	195	825	103	11	1123	163	311	246	167	720	189	1063	102	20	1354	203	3748	3951
Grand Total	358	499	247	18	1104	357	1686	186	17	2229	354	578	482	321	1414	352	2122	210	36	2684	392	7431	7823
Apprch %	32.4	45.2	22.4			16	75.6	8.3			25	40.9	34.1			13.1	79.1	7.8					
Total %	4.8	6.7	3.3		14.9	4.8	22.7	2.5		30	4.8	7.8	6.5		19	4.7	28.6	2.8		36.1	5	95	

Start Time	Lakeview Avenue Southbound				Yorba Linda Boulevard Westbound				Lakeview Avenue Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	44	68	30	142	43	228	20	291	46	76	54	176	38	278	32	348	957
04:45 PM	54	68	41	163	35	214	17	266	46	69	75	190	42	254	24	320	939
05:00 PM	39	71	31	141	50	189	28	267	43	62	74	179	47	263	29	339	926
05:15 PM	45	61	39	145	47	230	19	296	52	77	62	191	42	271	21	334	966
Total Volume	182	268	141	591	175	861	84	1120	187	284	265	736	169	1066	106	1341	3788
% App. Total	30.8	45.3	23.9		15.6	76.9	7.5		25.4	38.6	36		12.6	79.5	7.9		
PHF	.843	.944	.860	.906	.875	.936	.750	.946	.899	.922	.883	.963	.899	.959	.828	.963	.980



City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 12_YLA_Lake_Yorba PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Lakeview Avenue Southbound				Yorba Linda Boulevard Westbound				Lakeview Avenue Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:30 PM				04:30 PM				04:30 PM				04:30 PM				
+0 mins.	44	68	30	142	43	228	20	291	46	76	54	176	38	278	32	348	
+15 mins.	54	68	41	163	35	214	17	266	46	69	75	190	42	254	24	320	
+30 mins.	39	71	31	141	50	189	28	267	43	62	74	179	47	263	29	339	
+45 mins.	45	61	39	145	47	230	19	296	52	77	62	191	42	271	21	334	
Total Volume	182	268	141	591	175	861	84	1120	187	284	265	736	169	1066	106	1341	
% App. Total	30.8	45.3	23.9		15.6	76.9	7.5		25.4	38.6	36		12.6	79.5	7.9		
PHF	.843	.944	.860	.906	.875	.936	.750	.946	.899	.922	.883	.963	.899	.959	.828	.963	

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 12_YLA_Lake_Yorba PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

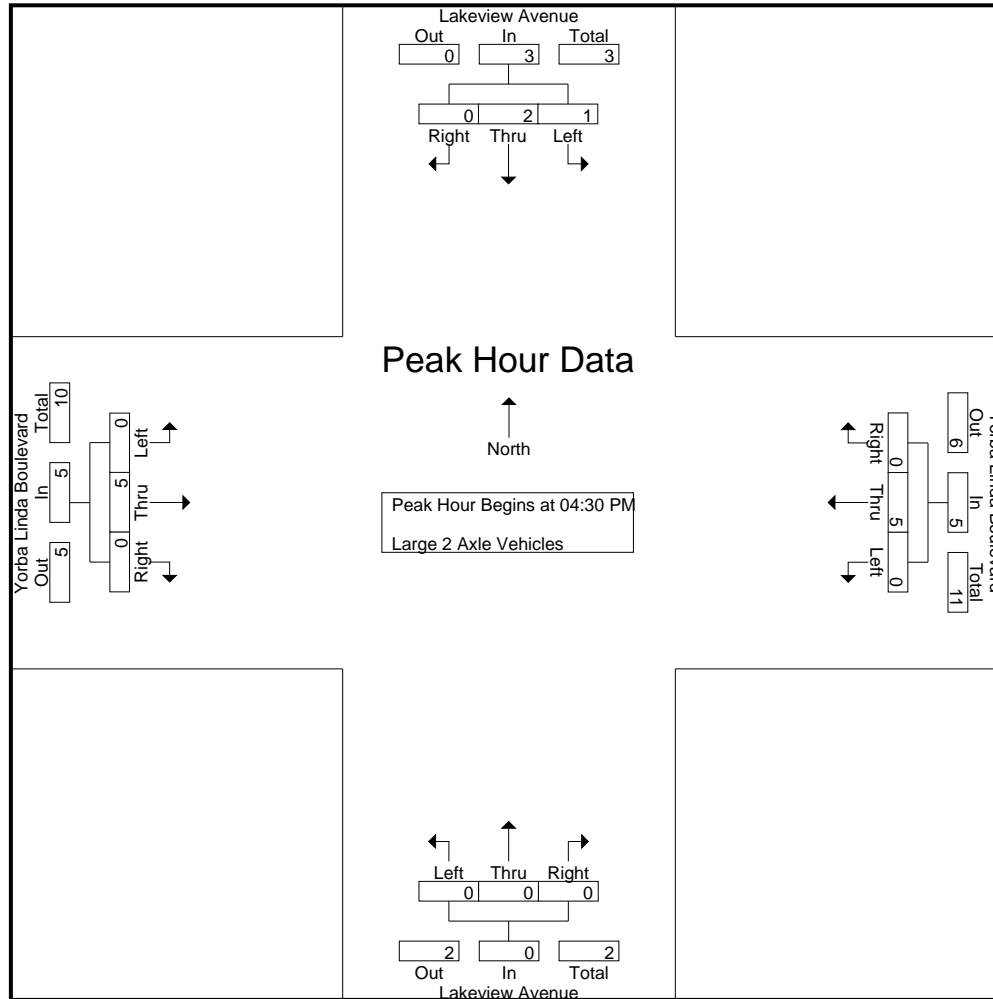
Groups Printed- Large 2 Axle Vehicles

Start Time	Lakeview Avenue Southbound					Yorba Linda Boulevard Westbound					Lakeview Avenue Northbound					Yorba Linda Boulevard Eastbound					Exclu. Total	Inclu. Total	Int. Total	
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total				
04:00 PM	0	0	0	0	0	0	2	1	0	3	0	0	0	0	0	1	0	0	0	1	0	0	4	4
04:15 PM	0	0	1	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	2	2
04:30 PM	1	0	0	0	1	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	0	0	4	4
04:45 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Total	1	1	1	0	3	0	4	1	0	5	1	0	0	0	1	1	1	0	0	2	0	0	11	11
05:00 PM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	2	0	0	2	0	0	5	5
05:15 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	3	3
05:30 PM	0	0	0	0	0	1	1	0	0	2	0	0	0	0	0	1	0	0	0	1	0	0	3	3
05:45 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	2	0	0	0	2	0	0	3	3
Total	0	1	0	0	1	1	4	0	0	5	1	0	0	0	1	3	4	0	0	7	0	0	14	14
Grand Total	1	2	1	0	4	1	8	1	0	10	2	0	0	0	2	4	5	0	0	9	0	0	25	25
Apprch %	25	50	25			10	80	10			100	0	0			44.4	55.6	0						
Total %	4	8	4		16	4	32	4		40	8	0	0		8	16	20	0		36	0	0	100	

Start Time	Lakeview Avenue Southbound				Yorba Linda Boulevard Westbound				Lakeview Avenue Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	1	0	0	1	0	2	0	2	0	0	0	0	0	1	0	1	4
04:45 PM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
05:00 PM	0	0	0	0	0	3	0	3	0	0	0	0	0	2	0	2	5
05:15 PM	0	1	0	1	0	0	0	0	0	0	0	0	0	2	0	2	3
Total Volume	1	2	0	3	0	5	0	5	0	0	0	0	0	5	0	5	13
% App. Total	33.3	66.7	0		0	100	0		0	0	0		0	100	0		
PHF	.250	.500	.000	.750	.000	.417	.000	.417	.000	.000	.000	.000	.000	.625	.000	.625	.650

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 12_YLA_Lake_Yorba PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 12_YLA_Lake_Yorba PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Lakeview Avenue Southbound				Yorba Linda Boulevard Westbound				Lakeview Avenue Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:30 PM				04:30 PM				04:30 PM				04:30 PM				
+0 mins.	1	0	0	1	0	2	0	2	0	0	0	0	0	1	0	1	
+15 mins.	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
+30 mins.	0	0	0	0	0	3	0	3	0	0	0	0	0	2	0	2	
+45 mins.	0	1	0	1	0	0	0	0	0	0	0	0	0	2	0	2	
Total Volume	1	2	0	3	0	5	0	5	0	0	0	0	0	5	0	5	
% App. Total	33.3	66.7	0		0	100	0		0	0	0		0	100	0		
PHF	.250	.500	.000	.750	.000	.417	.000	.417	.000	.000	.000	.000	.000	.625	.000	.625	

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 12_YLA_Lake_Yorba PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

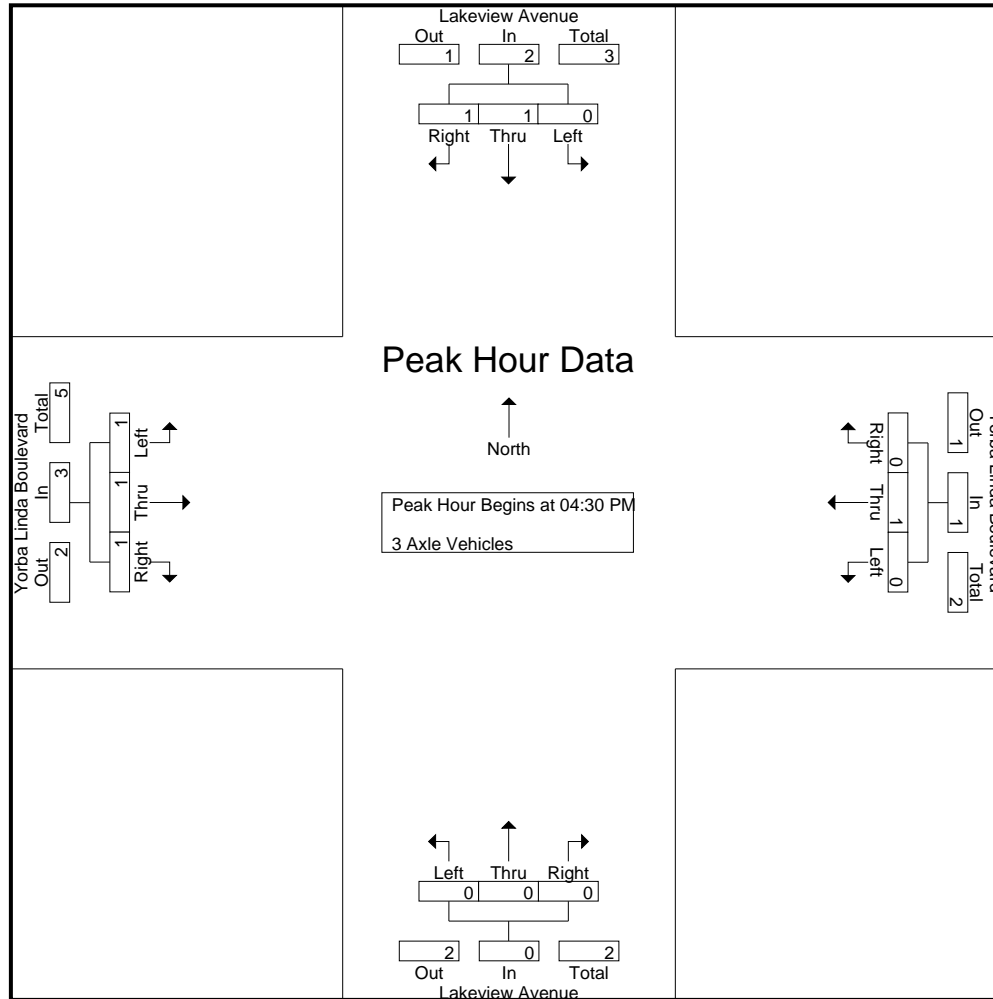
Groups Printed- 3 Axle Vehicles

Start Time	Lakeview Avenue Southbound					Yorba Linda Boulevard Westbound					Lakeview Avenue Northbound					Yorba Linda Boulevard Eastbound					Exclu. Total	Inclu. Total	Int. Total					
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total								
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	1	0	1	1
04:30 PM	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	1	0	1	0	2	0	0	0	0	0	0	4	4
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	1	0	2	0	3	0	0	0	0	0	0	5	5
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1	0	2	2
05:30 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1	0	3	3
Grand Total	0	2	1	0	3	0	1	0	0	1	0	0	0	0	0	1	1	2	0	4	0	0	0	0	4	0	8	8
Apprch %	0	66.7	33.3			0	100	0			0	0	0			25	25	50										
Total %	0	25	12.5		37.5	0	12.5	0		12.5	0	0	0		0	12.5	12.5	25		50	0	0	0		50	0	100	

Start Time	Lakeview Avenue Southbound				Yorba Linda Boulevard Westbound				Lakeview Avenue Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	0	1	0	1	0	1	0	1	0	0	0	0	1	0	1	2	4
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	1	2
Total Volume	0	1	1	2	0	1	0	1	0	0	0	0	1	1	1	3	6
% App. Total	0	50	50		0	100	0		0	0	0		33.3	33.3	33.3		
PHF	.000	.250	.250	.500	.000	.250	.000	.250	.000	.000	.000	.000	.250	.250	.250	.375	.375

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 12_YLA_Lake_Yorba PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 12_YLA_Lake_Yorba PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Lakeview Avenue Southbound				Yorba Linda Boulevard Westbound				Lakeview Avenue Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:30 PM				04:30 PM				04:30 PM				04:30 PM				
+0 mins.	0	1	0	1	0	1	0	1	0	0	0	0	1	0	1	2	
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
+45 mins.	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	1	
Total Volume	0	1	1	2	0	1	0	1	0	0	0	0	1	1	1	3	
% App. Total	0	50	50		0	100	0		0	0	0		33.3	33.3	33.3		
PHF	.000	.250	.250	.500	.000	.250	.000	.250	.000	.000	.000	.000	.250	.250	.250	.375	

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 12_YLA_Lake_Yorba PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

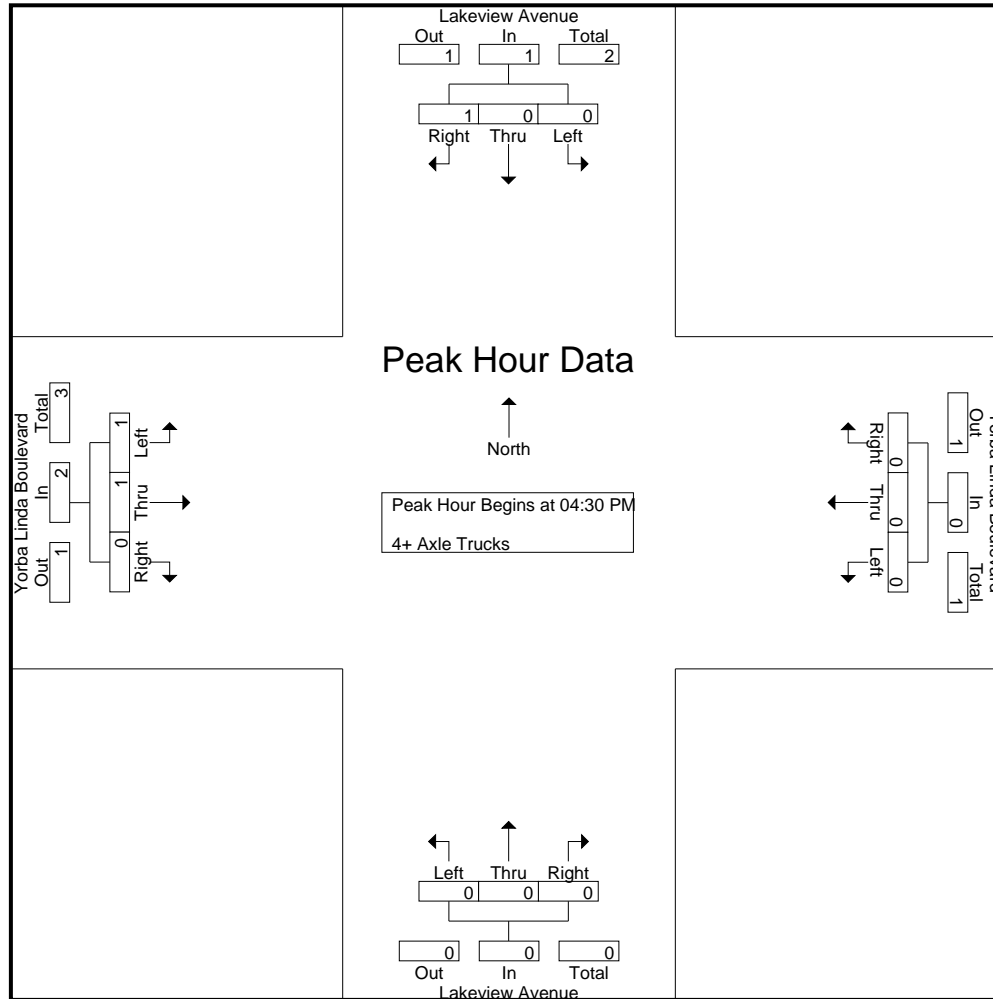
Groups Printed- 4+ Axle Trucks

Start Time	Lakeview Avenue Southbound					Yorba Linda Boulevard Westbound					Lakeview Avenue Northbound					Yorba Linda Boulevard Eastbound					Exclu. Total	Inclu. Total	Int. Total	
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total				
04:00 PM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1
04:15 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	0	3	3	3
Total	0	0	1	0	1	1	1	0	0	2	0	0	0	0	0	1	1	0	0	2	0	5	5	5
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1
05:45 PM	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
Total	0	0	1	0	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	2	2
Grand Total	0	0	2	0	2	1	2	0	0	3	0	0	0	0	0	1	1	0	0	2	0	7	7	7
Apprch %	0	0	100			33.3	66.7	0			0	0	0			50	50	0			0			
Total %	0	0	28.6		28.6	14.3	28.6	0		42.9	0	0	0		0	14.3	14.3	0		28.6	0	100		

Start Time	Lakeview Avenue Southbound				Yorba Linda Boulevard Westbound				Lakeview Avenue Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	2	3
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	2	3
% App. Total	0	0	100		0	0	0		0	0	0		50	50	0		
PHF	.000	.000	.250	.250	.000	.000	.000	.000	.000	.000	.000	.000	.250	.250	.000	.250	.250

City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 12_YLA_Lake_Yorba PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Lakeview Avenue
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 12_YLA_Lake_Yorba PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Lakeview Avenue Southbound				Yorba Linda Boulevard Westbound				Lakeview Avenue Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:30 PM				04:30 PM				04:30 PM				04:30 PM				
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
+15 mins.	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	2	
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total Volume	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	2	
% App. Total	0	0	100		0	0	0		0	0	0		50	50	0		
PHF	.000	.000	.250	.250	.000	.000	.000	.000	.000	.000	.000	.000	.250	.250	.000	.250	

Location: Yorba Linda
 N/S: Lakeview Avenue
 E/W: Yorba Linda Boulevard



Date: 3/15/2022
 Day: Tuesday

PEDESTRIANS

	North Leg Lakeview Avenue	East Leg Yorba Linda Boulevard	South Leg Methodist Church DW	West Leg Yorba Linda Boulevard	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	1	1	1	0	3
7:15 AM	1	3	2	0	6
7:30 AM	0	0	1	0	1
7:45 AM	1	2	0	0	3
8:00 AM	1	0	1	0	2
8:15 AM	0	0	0	0	0
8:30 AM	0	4	1	0	5
8:45 AM	1	7	1	0	9
TOTAL VOLUMES:	5	17	7	0	29

	North Leg Lakeview Avenue	East Leg Yorba Linda Boulevard	South Leg Methodist Church DW	West Leg Yorba Linda Boulevard	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	0	0	0
4:15 PM	0	0	0	0	0
4:30 PM	1	4	2	0	7
4:45 PM	2	1	0	0	3
5:00 PM	0	1	1	0	2
5:15 PM	0	2	0	0	2
5:30 PM	1	3	0	0	4
5:45 PM	0	1	2	0	3
TOTAL VOLUMES:	4	12	5	0	21

Location: Yorba Linda
 N/S: Lakeview Avenue
 E/W: Yorba Linda Boulevard



Date: 3/15/2022
 Day: Tuesday

BICYCLES

	Southbound Lakeview Avenue			Westbound Yorba Linda Boulevard			Northbound Methodist Church DW			Eastbound Yorba Linda Boulevard			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	1	0	0	0	0	0	0	0	0	0	0	1
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	1	0	0	1	0	2
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	1	1
TOTAL VOLUMES:	0	1	0	0	0	0	0	1	0	0	1	1	4

	Southbound Lakeview Avenue			Westbound Yorba Linda Boulevard			Northbound Methodist Church DW			Eastbound Yorba Linda Boulevard			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	1	0	0	0	0	0	0	0	1

City of Yorba Linda
 N/S: Ohio Street
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 13_YLA_Ohio_Yorba AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

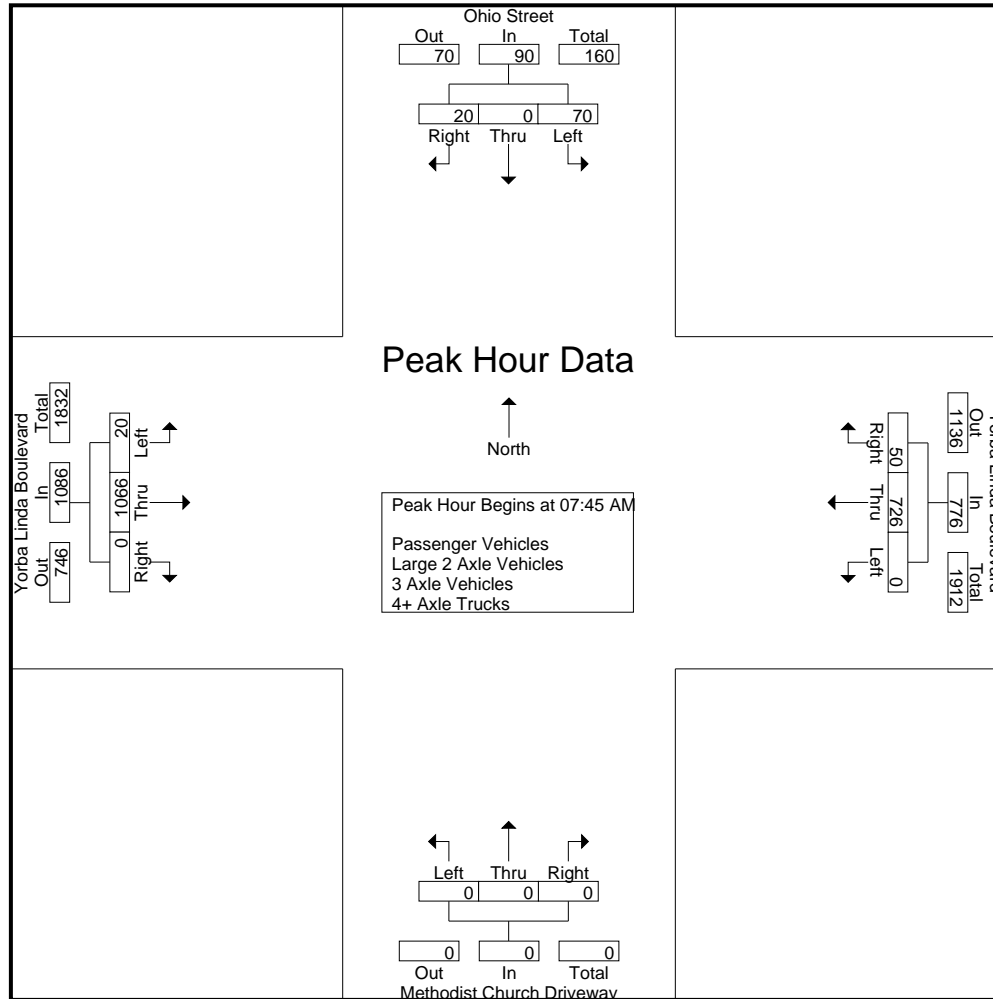
Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

Start Time	Ohio Street Southbound					Yorba Linda Boulevard Westbound					Methodist Church Driveway Northbound					Yorba Linda Boulevard Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	6	0	3	3	9	0	77	2	0	79	0	0	0	0	0	2	136	0	0	138	3	226	229
07:15 AM	13	0	2	2	15	0	92	4	1	96	0	0	0	0	0	0	192	0	0	192	3	303	306
07:30 AM	10	0	7	6	17	0	150	34	0	184	0	0	0	0	0	3	241	0	0	244	6	445	451
07:45 AM	22	0	4	3	26	0	179	17	1	196	0	0	0	0	0	2	266	0	0	268	4	490	494
Total	51	0	16	14	67	0	498	57	2	555	0	0	0	0	0	7	835	0	0	842	16	1464	1480
08:00 AM	16	0	1	1	17	0	179	10	0	189	0	0	0	0	0	2	275	0	0	277	1	483	484
08:15 AM	12	0	4	3	16	0	179	10	0	189	0	0	0	0	0	5	267	0	0	272	3	477	480
08:30 AM	20	0	11	9	31	0	189	13	1	202	0	0	0	0	0	11	258	0	0	269	10	502	512
08:45 AM	18	0	5	4	23	0	192	12	0	204	0	0	0	0	0	7	228	0	0	235	4	462	466
Total	66	0	21	17	87	0	739	45	1	784	0	0	0	0	0	25	1028	0	0	1053	18	1924	1942
Grand Total	117	0	37	31	154	0	1237	102	3	1339	0	0	0	0	0	32	1863	0	0	1895	34	3388	3422
Apprch %	76	0	24			0	92.4	7.6			0	0	0			1.7	98.3	0					
Total %	3.5	0	1.1		4.5	0	36.5	3	39.5		0	0	0		0	0.9	55	0	55.9		1	99	
Passenger Vehicles	117	0	37		185	0	1205	101		1309	0	0	0		0	31	1829	0		1860	0	0	3354
% Passenger Vehicles	100	0	100	100	100	0	97.4	99	100	97.5	0	0	0	0	0	96.9	98.2	0	0	98.2	0	0	98
Large 2 Axle Vehicles	0	0	0		0	0	24	1		25	0	0	0		0	1	26	0		27	0	0	52
% Large 2 Axle Vehicles	0	0	0	0	0	0	1.9	1	0	1.9	0	0	0	0	0	3.1	1.4	0	0	1.4	0	0	1.5
3 Axle Vehicles	0	0	0		0	0	4	0		4	0	0	0		0	4	0		4	0	0	8	
% 3 Axle Vehicles	0	0	0	0	0	0	0.3	0	0	0.3	0	0	0	0	0	0	0.2	0	0	0.2	0	0	0.2
4+ Axle Trucks	0	0	0		0	0	4	0		4	0	0	0		0	4	0		4	0	0	8	
% 4+ Axle Trucks	0	0	0	0	0	0	0.3	0	0	0.3	0	0	0	0	0	0.2	0	0	0.2	0	0	0.2	

Start Time	Ohio Street Southbound				Yorba Linda Boulevard Westbound				Methodist Church Driveway Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	22	0	4	26	0	179	17	196	0	0	0	0	2	266	0	268	490
08:00 AM	16	0	1	17	0	179	10	189	0	0	0	0	2	275	0	277	483
08:15 AM	12	0	4	16	0	179	10	189	0	0	0	0	5	267	0	272	477
08:30 AM	20	0	11	31	0	189	13	202	0	0	0	0	11	258	0	269	502
Total Volume	70	0	20	90	0	726	50	776	0	0	0	0	20	1066	0	1086	1952
% App. Total	77.8	0	22.2		0	93.6	6.4		0	0	0		1.8	98.2	0		
PHF	.795	.000	.455	.726	.000	.960	.735	.960	.000	.000	.000	.000	.455	.969	.000	.980	.972

City of Yorba Linda
 N/S: Ohio Street
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 13_YLA_Ohio_Yorba AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Ohio Street
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 13_YLA_Ohio_Yorba AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Ohio Street Southbound				Yorba Linda Boulevard Westbound				Methodist Church Driveway Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:45 AM				08:00 AM				07:00 AM				07:45 AM				
+0 mins.	22	0	4	26	0	179	10	189	0	0	0	0	2	266	0	268	
+15 mins.	16	0	1	17	0	179	10	189	0	0	0	0	2	275	0	277	
+30 mins.	12	0	4	16	0	189	13	202	0	0	0	0	5	267	0	272	
+45 mins.	20	0	11	31	0	192	12	204	0	0	0	0	11	258	0	269	
Total Volume	70	0	20	90	0	739	45	784	0	0	0	0	20	1066	0	1086	
% App. Total	77.8	0	22.2		0	94.3	5.7		0	0	0		1.8	98.2	0		
PHF	.795	.000	.455	.726	.000	.962	.865	.961	.000	.000	.000	.000	.455	.969	.000	.980	

City of Yorba Linda
 N/S: Ohio Street
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 13_YLA_Ohio_Yorba AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

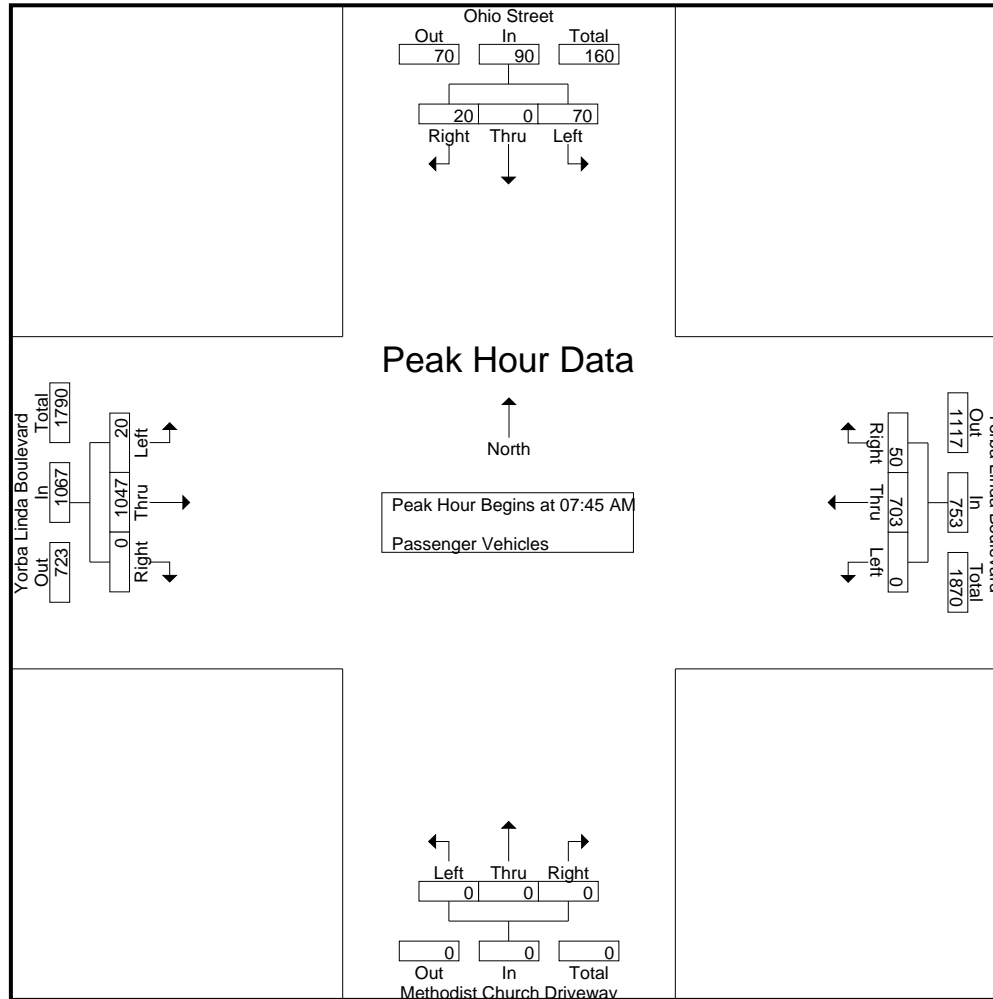
Groups Printed- Passenger Vehicles

Start Time	Ohio Street Southbound					Yorba Linda Boulevard Westbound					Methodist Church Driveway Northbound					Yorba Linda Boulevard Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	6	0	3	3	9	0	73	2	0	75	0	0	0	0	0	2	132	0	0	134	3	218	221
07:15 AM	13	0	2	2	15	0	91	4	1	95	0	0	0	0	0	0	191	0	0	191	3	301	304
07:30 AM	10	0	7	6	17	0	147	34	0	181	0	0	0	0	0	2	234	0	0	236	6	434	440
07:45 AM	22	0	4	3	26	0	172	17	1	189	0	0	0	0	0	2	263	0	0	265	4	480	484
Total	51	0	16	14	67	0	483	57	2	540	0	0	0	0	0	6	820	0	0	826	16	1433	1449
08:00 AM	16	0	1	1	17	0	173	10	0	183	0	0	0	0	0	2	272	0	0	274	1	474	475
08:15 AM	12	0	4	3	16	0	174	10	0	184	0	0	0	0	0	5	260	0	0	265	3	465	468
08:30 AM	20	0	11	9	31	0	184	13	1	197	0	0	0	0	0	11	252	0	0	263	10	491	501
08:45 AM	18	0	5	4	23	0	191	11	0	202	0	0	0	0	0	7	225	0	0	232	4	457	461
Total	66	0	21	17	87	0	722	44	1	766	0	0	0	0	0	25	1009	0	0	1034	18	1887	1905
Grand Total	117	0	37	31	154	0	1205	101	3	1306	0	0	0	0	0	31	1829	0	0	1860	34	3320	3354
Apprch %	76	0	24			0	92.3	7.7			0	0	0		1.7	98.3	0						
Total %	3.5	0	1.1		4.6	0	36.3	3		39.3	0	0	0		0.9	55.1	0		56		1	99	

Start Time	Ohio Street Southbound				Yorba Linda Boulevard Westbound				Methodist Church Driveway Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	22	0	4	26	0	172	17	189	0	0	0	0	2	263	0	265	480
08:00 AM	16	0	1	17	0	173	10	183	0	0	0	0	2	272	0	274	474
08:15 AM	12	0	4	16	0	174	10	184	0	0	0	0	5	260	0	265	465
08:30 AM	20	0	11	31	0	184	13	197	0	0	0	0	11	252	0	263	491
Total Volume	70	0	20	90	0	703	50	753	0	0	0	0	20	1047	0	1067	1910
% App. Total	77.8	0	22.2		0	93.4	6.6		0	0	0		1.9	98.1	0		
PHF	.795	.000	.455	.726	.000	.955	.735	.956	.000	.000	.000	.000	.455	.962	.000	.974	.973

City of Yorba Linda
 N/S: Ohio Street
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 13_YLA_Ohio_Yorba AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Ohio Street
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 13_YLA_Ohio_Yorba AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Ohio Street Southbound				Yorba Linda Boulevard Westbound				Methodist Church Driveway Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:45 AM				07:45 AM				07:45 AM				07:45 AM				
+0 mins.	22	0	4	26	0	172	17	189	0	0	0	0	2	263	0	265	
+15 mins.	16	0	1	17	0	173	10	183	0	0	0	0	2	272	0	274	
+30 mins.	12	0	4	16	0	174	10	184	0	0	0	0	5	260	0	265	
+45 mins.	20	0	11	31	0	184	13	197	0	0	0	0	11	252	0	263	
Total Volume	70	0	20	90	0	703	50	753	0	0	0	0	20	1047	0	1067	
% App. Total	77.8	0	22.2		0	93.4	6.6		0	0	0		1.9	98.1	0		
PHF	.795	.000	.455	.726	.000	.955	.735	.956	.000	.000	.000	.000	.455	.962	.000	.974	

City of Yorba Linda
 N/S: Ohio Street
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 13_YLA_Ohio_Yorba AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

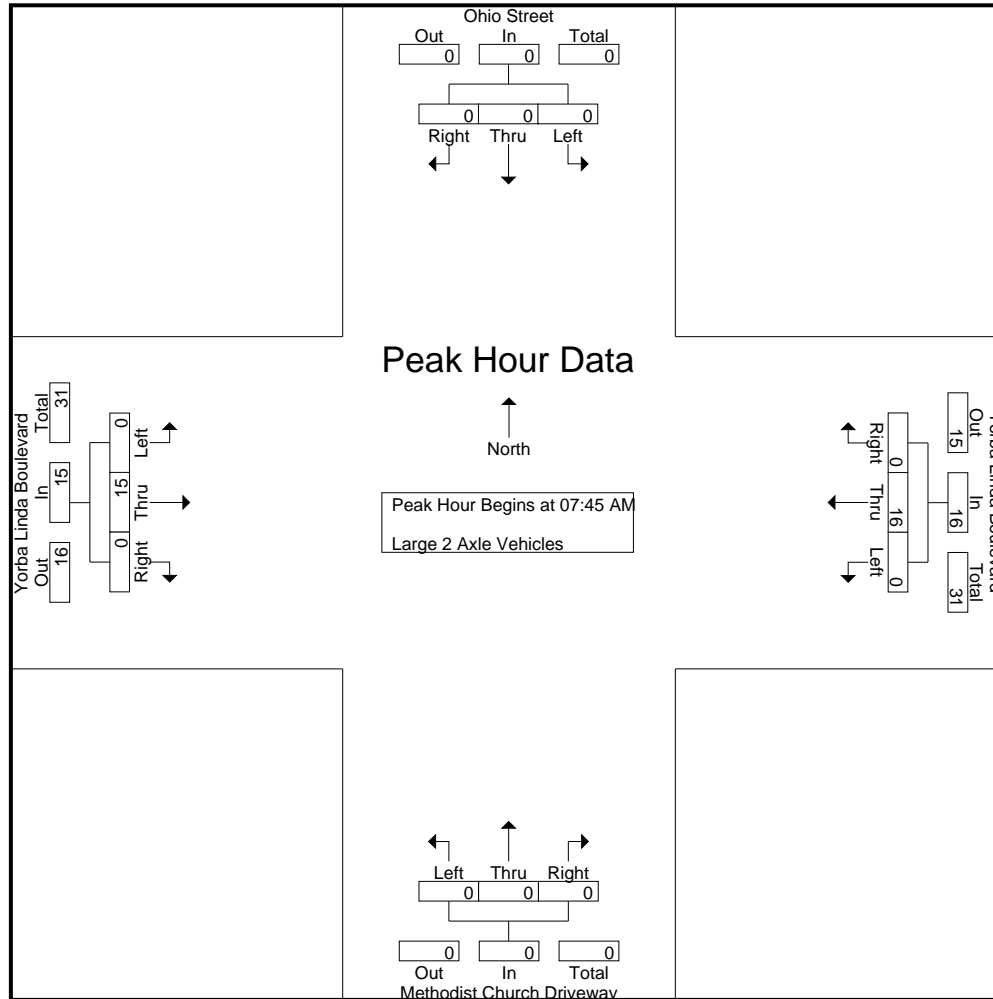
Groups Printed- Large 2 Axle Vehicles

Start Time	Ohio Street Southbound					Yorba Linda Boulevard Westbound					Methodist Church Driveway Northbound					Yorba Linda Boulevard Eastbound					Exclu. Total	Inclu. Total	Int. Total	
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total				
07:00 AM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	2	0	0	2	0	0	5	5
07:15 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	2	2
07:30 AM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	1	6	0	0	7	0	0	10	10
07:45 AM	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	2	0	0	2	0	0	6	6
Total	0	0	0	0	0	0	11	0	0	11	0	0	0	0	0	1	11	0	0	12	0	0	23	23
08:00 AM	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	3	0	0	3	0	0	8	8
08:15 AM	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	5	0	0	5	0	0	9	9
08:30 AM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	5	0	0	5	0	0	8	8
08:45 AM	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	2	0	0	2	0	0	4	4
Total	0	0	0	0	0	0	13	1	0	14	0	0	0	0	0	0	15	0	0	15	0	0	29	29
Grand Total	0	0	0	0	0	0	24	1	0	25	0	0	0	0	0	1	26	0	0	27	0	0	52	52
Apprch %	0	0	0			0	96	4			0	0	0			3.7	96.3	0						
Total %	0	0	0			0	46.2	1.9		48.1	0	0	0			1.9	50	0		51.9	0	0	100	

Start Time	Ohio Street Southbound				Yorba Linda Boulevard Westbound				Methodist Church Driveway Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	0	0	0	0	0	4	0	4	0	0	0	0	0	2	0	2	6
08:00 AM	0	0	0	0	0	5	0	5	0	0	0	0	0	3	0	3	8
08:15 AM	0	0	0	0	0	4	0	4	0	0	0	0	0	5	0	5	9
08:30 AM	0	0	0	0	0	3	0	3	0	0	0	0	0	5	0	5	8
Total Volume	0	0	0	0	0	16	0	16	0	0	0	0	0	15	0	15	31
% App. Total	0	0	0		0	100	0		0	0	0		0	100	0		
PHF	.000	.000	.000	.000	.000	.800	.000	.800	.000	.000	.000	.000	.000	.750	.000	.750	.861

City of Yorba Linda
 N/S: Ohio Street
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 13_YLA_Ohio_Yorba AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Ohio Street
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 13_YLA_Ohio_Yorba AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Ohio Street Southbound				Yorba Linda Boulevard Westbound				Methodist Church Driveway Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:45 AM				07:45 AM				07:45 AM				07:45 AM				
+0 mins.	0	0	0	0	0	4	0	4	0	0	0	0	0	2	0	2	
+15 mins.	0	0	0	0	0	5	0	5	0	0	0	0	0	3	0	3	
+30 mins.	0	0	0	0	0	4	0	4	0	0	0	0	0	5	0	5	
+45 mins.	0	0	0	0	0	3	0	3	0	0	0	0	0	5	0	5	
Total Volume	0	0	0	0	0	16	0	16	0	0	0	0	0	15	0	15	
% App. Total	0	0	0	0	0	100	0	100	0	0	0	0	0	100	0	100	
PHF	.000	.000	.000	.000	.000	.800	.000	.800	.000	.000	.000	.000	.000	.750	.000	.750	

City of Yorba Linda
 N/S: Ohio Street
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 13_YLA_Ohio_Yorba AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

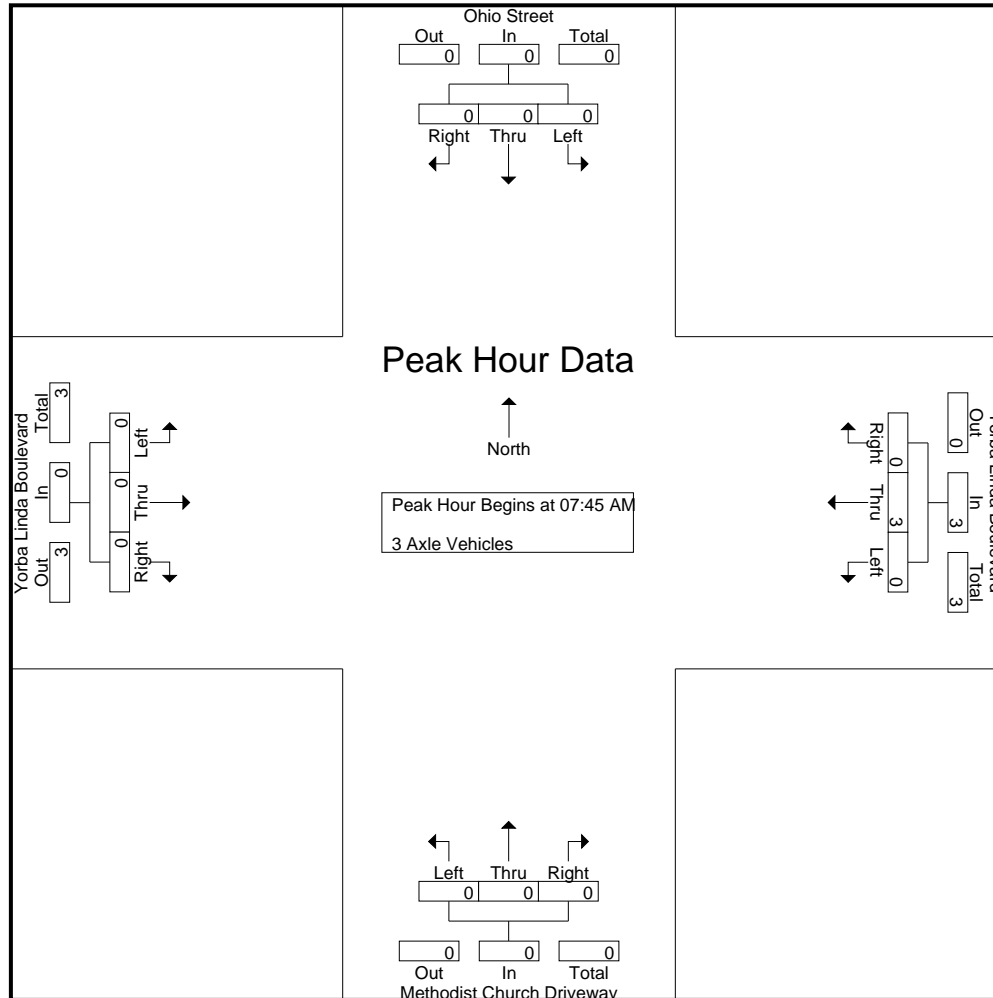
Groups Printed- 3 Axle Vehicles

Start Time	Ohio Street Southbound					Yorba Linda Boulevard Westbound					Methodist Church Driveway Northbound					Yorba Linda Boulevard Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	3
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	1
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	3	0	0	3	0	4	4
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1
08:30 AM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	1
Total	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	1	0	0	1	0	4	4
Grand Total	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	4	0	0	4	0	8	8
Apprch %	0	0	0			0	100	0			0	0	0			0	100	0			0		
Total %	0	0	0			0	50	0		50	0	0	0			0	50	0		50	0	100	

Start Time	Ohio Street Southbound				Yorba Linda Boulevard Westbound				Methodist Church Driveway Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
08:30 AM	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2
Total Volume	0	0	0	0	0	3	0	3	0	0	0	0	0	0	0	0	3
% App. Total	0	0	0		0	100	0		0	0	0		0	0	0		
PHF	.000	.000	.000	.000	.000	.375	.000	.375	.000	.000	.000	.000	.000	.000	.000	.000	.375

City of Yorba Linda
 N/S: Ohio Street
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 13_YLA_Ohio_Yorba AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Ohio Street
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 13_YLA_Ohio_Yorba AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Ohio Street Southbound				Yorba Linda Boulevard Westbound				Methodist Church Driveway Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:45 AM				07:45 AM				07:45 AM				07:45 AM				
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	3	0	3	0	0	0	0	0	0	0	0	0
% App. Total	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0	0	0
PHF	.000	.000	.000	.000	.000	.375	.000	.375	.000	.000	.000	.000	.000	.000	.000	.000	.000

City of Yorba Linda
 N/S: Ohio Street
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 13_YLA_Ohio_Yorba AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

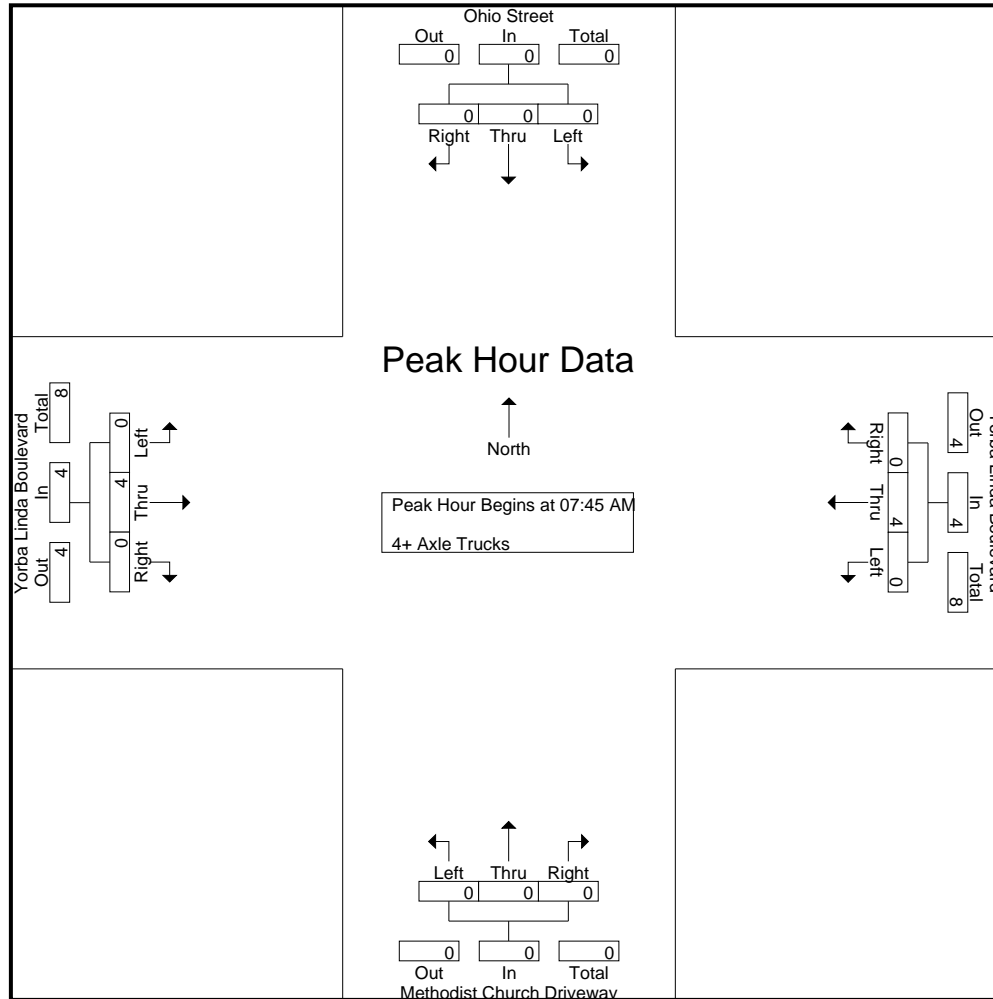
Groups Printed- 4+ Axle Trucks

Start Time	Ohio Street Southbound					Yorba Linda Boulevard Westbound					Methodist Church Driveway Northbound					Yorba Linda Boulevard Eastbound					Exclu. Total	Inclu. Total	Int. Total			
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total						
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	1	0	0	1	0	4	4	0	4	4
Total	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	1	0	0	1	0	4	4	0	4	4
08:00 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	2	2	0	2	2
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	1	0	1	1
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	3	0	0	3	0	4	4	0	4	4
Grand Total	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	4	0	0	4	0	8	8	0	8	8
Apprch %	0	0	0			0	100	0			0	0	0			0	100	0			0			0		
Total %	0	0	0			0	50	0		50	0	0	0		0	0	50	0		50	0	100		0	100	

Start Time	Ohio Street Southbound				Yorba Linda Boulevard Westbound				Methodist Church Driveway Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	0	0	0	0	0	3	0	3	0	0	0	0	0	1	0	1	4
08:00 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Total Volume	0	0	0	0	0	4	0	4	0	0	0	0	0	4	0	4	8
% App. Total	0	0	0		0	100	0		0	0	0		0	100	0		
PHF	.000	.000	.000	.000	.000	.333	.000	.333	.000	.000	.000	.000	.000	.500	.000	.500	.500

City of Yorba Linda
 N/S: Ohio Street
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 13_YLA_Ohio_Yorba AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Ohio Street
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 13_YLA_Ohio_Yorba AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Ohio Street Southbound				Yorba Linda Boulevard Westbound				Methodist Church Driveway Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:45 AM				07:45 AM				07:45 AM				07:45 AM				
+0 mins.	0	0	0	0	0	3	0	3	0	0	0	0	0	1	0	1	
+15 mins.	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
Total Volume	0	0	0	0	0	4	0	4	0	0	0	0	0	4	0	4	
% App. Total	0	0	0	0	0	100	0	0	0	0	0	0	0	100	0	0	
PHF	.000	.000	.000	.000	.000	.333	.000	.333	.000	.000	.000	.000	.000	.500	.000	.500	

City of Yorba Linda
 N/S: Ohio Street
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 13_YLA_Ohio_Yorba PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

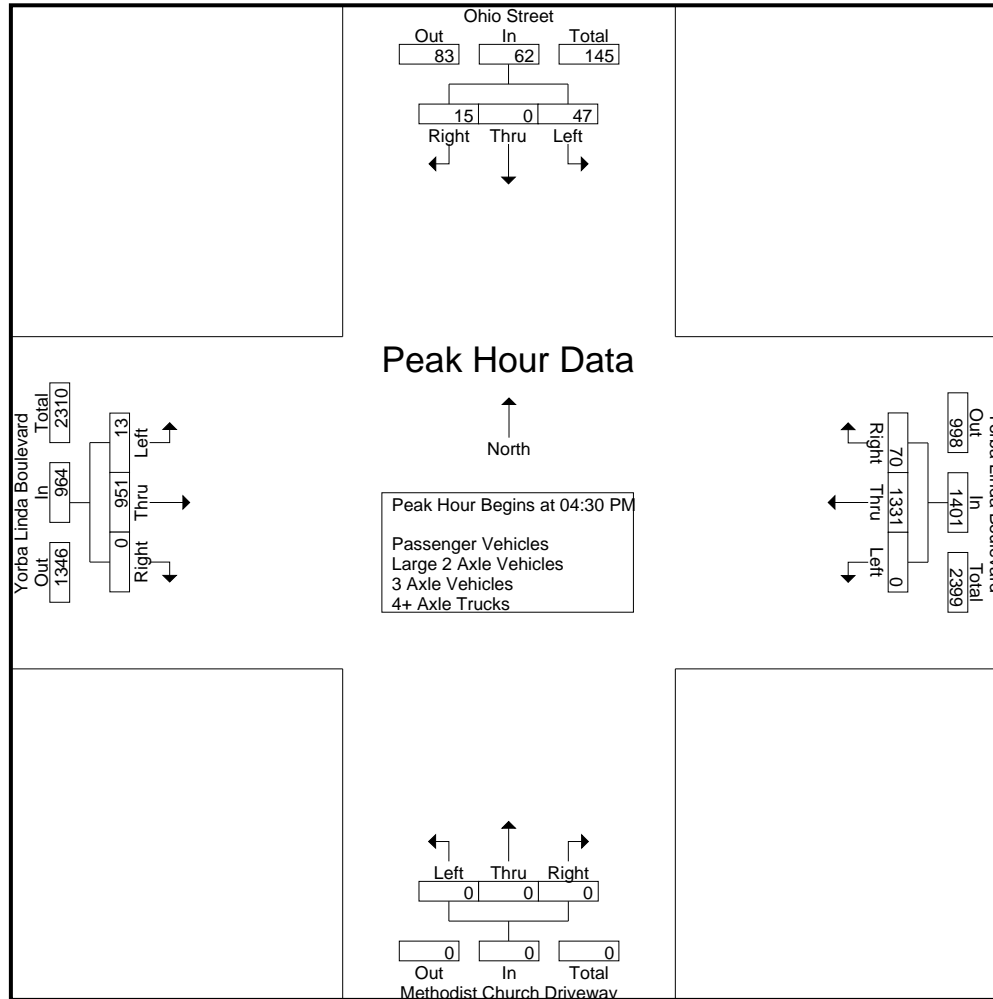
Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

Start Time	Ohio Street Southbound					Yorba Linda Boulevard Westbound					Methodist Church Driveway Northbound					Yorba Linda Boulevard Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	10	0	4	4	14	0	273	12	0	285	0	0	0	0	0	10	247	0	0	257	4	556	560
04:15 PM	11	0	4	4	15	0	327	11	0	338	0	0	0	0	0	3	234	0	0	237	4	590	594
04:30 PM	14	0	4	4	18	0	320	15	2	335	0	0	0	0	0	6	236	0	0	242	6	595	601
04:45 PM	11	0	2	1	13	0	355	15	0	370	0	0	0	0	0	1	235	0	0	236	1	619	620
Total	46	0	14	13	60	0	1275	53	2	1328	0	0	0	0	0	20	952	0	0	972	15	2360	2375
05:00 PM	10	0	6	6	16	0	328	18	0	346	0	0	0	0	0	4	235	0	0	239	6	601	607
05:15 PM	12	0	3	2	15	0	328	22	0	350	0	0	0	0	0	2	245	0	0	247	2	612	614
05:30 PM	14	0	1	0	15	0	295	17	0	312	0	0	0	0	0	2	230	0	0	232	0	559	559
05:45 PM	13	0	3	2	16	0	321	17	0	338	0	0	0	0	0	4	200	0	0	204	2	558	560
Total	49	0	13	10	62	0	1272	74	0	1346	0	0	0	0	0	12	910	0	0	922	10	2330	2340
Grand Total	95	0	27	23	122	0	2547	127	2	2674	0	0	0	0	0	32	1862	0	0	1894	25	4690	4715
Apprch %	77.9	0	22.1			0	95.3	4.7			0	0	0		1.7	98.3	0						
Total %	2	0	0.6		2.6	0	54.3	2.7		57	0	0	0		0.7	39.7	0		40.4		0.5	99.5	
Passenger Vehicles	94	0	26		142	0	2540	125		2667	0	0	0		0	1851	0		1883		0	0	4692
% Passenger Vehicles	98.9	0	96.3	95.7	97.9	0	99.7	98.4	100	99.7	0	0	0	0	0	99.4	0	0	99.4		0	0	99.5
Large 2 Axle Vehicles	1	0	1		3	0	6	2		8	0	0	0		0	7	0		7		0	0	18
% Large 2 Axle Vehicles	1.1	0	3.7	4.3	2.1	0	0.2	1.6	0	0.3	0	0	0	0	0	0.4	0	0	0.4		0	0	0.4
3 Axle Vehicles	0	0	0		0	0	1	0		1	0	0	0		0	1	0		1		0	0	2
% 3 Axle Vehicles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0	0	0.1		0	0	0
4+ Axle Trucks	0	0	0		0	0	0	0		0	0	0	0		0	3	0		3		0	0	3
% 4+ Axle Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	0	0	0.2		0	0	0.1

Start Time	Ohio Street Southbound				Yorba Linda Boulevard Westbound				Methodist Church Driveway Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	14	0	4	18	0	320	15	335	0	0	0	0	6	236	0	242	595
04:45 PM	11	0	2	13	0	355	15	370	0	0	0	0	1	235	0	236	619
05:00 PM	10	0	6	16	0	328	18	346	0	0	0	0	4	235	0	239	601
05:15 PM	12	0	3	15	0	328	22	350	0	0	0	0	2	245	0	247	612
Total Volume	47	0	15	62	0	1331	70	1401	0	0	0	0	13	951	0	964	2427
% App. Total	75.8	0	24.2		0	95	5		0	0	0		1.3	98.7	0		
PHF	.839	.000	.625	.861	.000	.937	.795	.947	.000	.000	.000	.000	.542	.970	.000	.976	.980

City of Yorba Linda
 N/S: Ohio Street
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 13_YLA_Ohio_Yorba PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Ohio Street
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 13_YLA_Ohio_Yorba PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Ohio Street Southbound				Yorba Linda Boulevard Westbound				Methodist Church Driveway Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:15 PM				04:30 PM				04:00 PM				04:00 PM				
+0 mins.	11	0	4	15	0	320	15	335	0	0	0	0	10	247	0	257	
+15 mins.	14	0	4	18	0	355	15	370	0	0	0	0	3	234	0	237	
+30 mins.	11	0	2	13	0	328	18	346	0	0	0	0	6	236	0	242	
+45 mins.	10	0	6	16	0	328	22	350	0	0	0	0	1	235	0	236	
Total Volume	46	0	16	62	0	1331	70	1401	0	0	0	0	20	952	0	972	
% App. Total	74.2	0	25.8		0	95	5		0	0	0		2.1	97.9	0		
PHF	.821	.000	.667	.861	.000	.937	.795	.947	.000	.000	.000	.000	.500	.964	.000	.946	

City of Yorba Linda
 N/S: Ohio Street
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 13_YLA_Ohio_Yorba PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

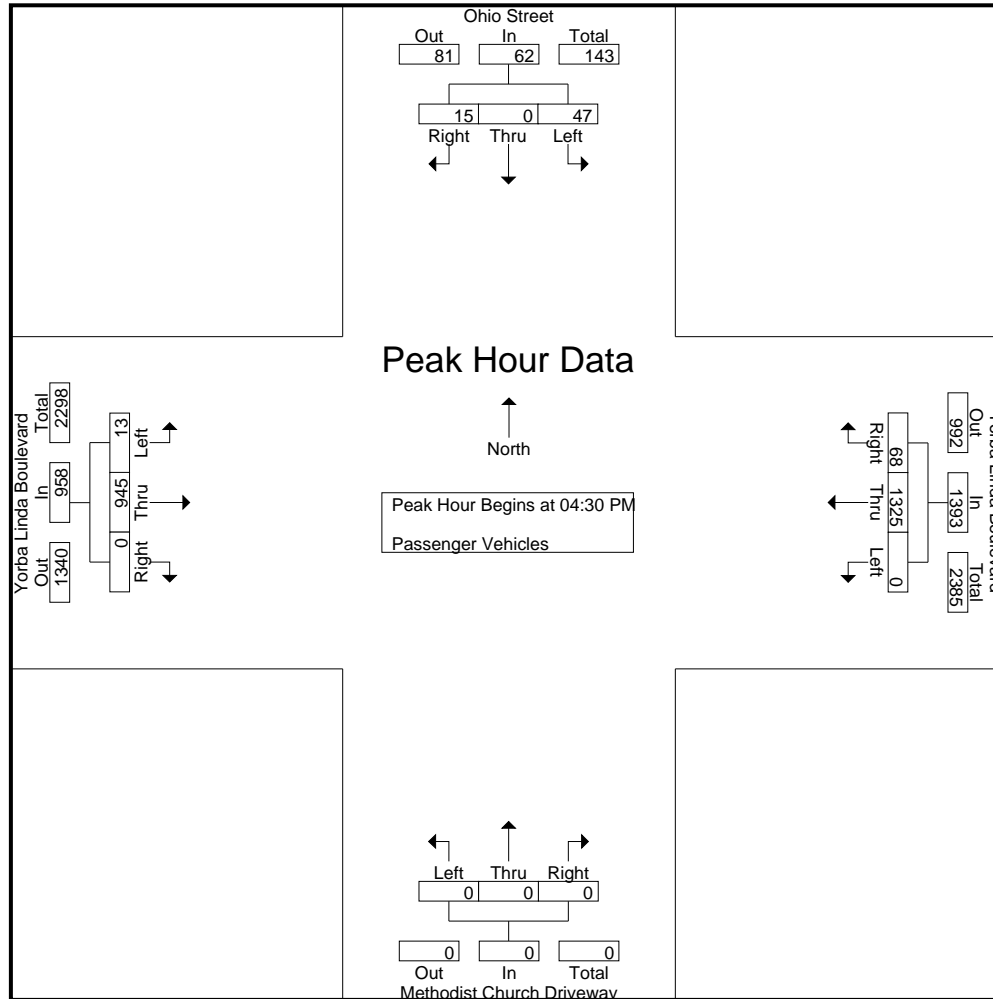
Groups Printed- Passenger Vehicles

Start Time	Ohio Street Southbound					Yorba Linda Boulevard Westbound					Methodist Church Driveway Northbound					Yorba Linda Boulevard Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	10	0	3	3	13	0	273	12	0	285	0	0	0	0	0	10	244	0	0	254	3	552	555
04:15 PM	11	0	4	4	15	0	326	11	0	337	0	0	0	0	0	3	232	0	0	235	4	587	591
04:30 PM	14	0	4	4	18	0	320	15	2	335	0	0	0	0	0	6	234	0	0	240	6	593	599
04:45 PM	11	0	2	1	13	0	355	15	0	370	0	0	0	0	0	1	235	0	0	236	1	619	620
Total	46	0	13	12	59	0	1274	53	2	1327	0	0	0	0	0	20	945	0	0	965	14	2351	2365
05:00 PM	10	0	6	6	16	0	326	16	0	342	0	0	0	0	0	4	232	0	0	236	6	594	600
05:15 PM	12	0	3	2	15	0	324	22	0	346	0	0	0	0	0	2	244	0	0	246	2	607	609
05:30 PM	13	0	1	0	14	0	295	17	0	312	0	0	0	0	0	2	230	0	0	232	0	558	558
05:45 PM	13	0	3	2	16	0	321	17	0	338	0	0	0	0	0	4	200	0	0	204	2	558	560
Total	48	0	13	10	61	0	1266	72	0	1338	0	0	0	0	0	12	906	0	0	918	10	2317	2327
Grand Total	94	0	26	22	120	0	2540	125	2	2665	0	0	0	0	0	32	1851	0	0	1883	24	4668	4692
Apprch %	78.3	0	21.7			0	95.3	4.7			0	0	0		1.7	98.3	0						
Total %	2	0	0.6		2.6	0	54.4	2.7		57.1	0	0	0		0.7	39.7	0		40.3	0.5	99.5		

Start Time	Ohio Street Southbound				Yorba Linda Boulevard Westbound				Methodist Church Driveway Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	14	0	4	18	0	320	15	335	0	0	0	0	6	234	0	240	593
04:45 PM	11	0	2	13	0	355	15	370	0	0	0	0	1	235	0	236	619
05:00 PM	10	0	6	16	0	326	16	342	0	0	0	0	4	232	0	236	594
05:15 PM	12	0	3	15	0	324	22	346	0	0	0	0	2	244	0	246	607
Total Volume	47	0	15	62	0	1325	68	1393	0	0	0	0	13	945	0	958	2413
% App. Total	75.8	0	24.2		0	95.1	4.9		0	0	0		1.4	98.6	0		
PHF	.839	.000	.625	.861	.000	.933	.773	.941	.000	.000	.000	.000	.542	.968	.000	.974	.975

City of Yorba Linda
 N/S: Ohio Street
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 13_YLA_Ohio_Yorba PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Ohio Street
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 13_YLA_Ohio_Yorba PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Ohio Street Southbound				Yorba Linda Boulevard Westbound				Methodist Church Driveway Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:30 PM				04:30 PM				04:30 PM				04:30 PM				
+0 mins.	14	0	4	18	0	320	15	335	0	0	0	0	6	234	0	240	
+15 mins.	11	0	2	13	0	355	15	370	0	0	0	0	1	235	0	236	
+30 mins.	10	0	6	16	0	326	16	342	0	0	0	0	4	232	0	236	
+45 mins.	12	0	3	15	0	324	22	346	0	0	0	0	2	244	0	246	
Total Volume	47	0	15	62	0	1325	68	1393	0	0	0	0	13	945	0	958	
% App. Total	75.8	0	24.2		0	95.1	4.9		0	0	0		1.4	98.6	0		
PHF	.839	.000	.625	.861	.000	.933	.773	.941	.000	.000	.000	.000	.542	.968	.000	.974	

City of Yorba Linda
 N/S: Ohio Street
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 13_YLA_Ohio_Yorba PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

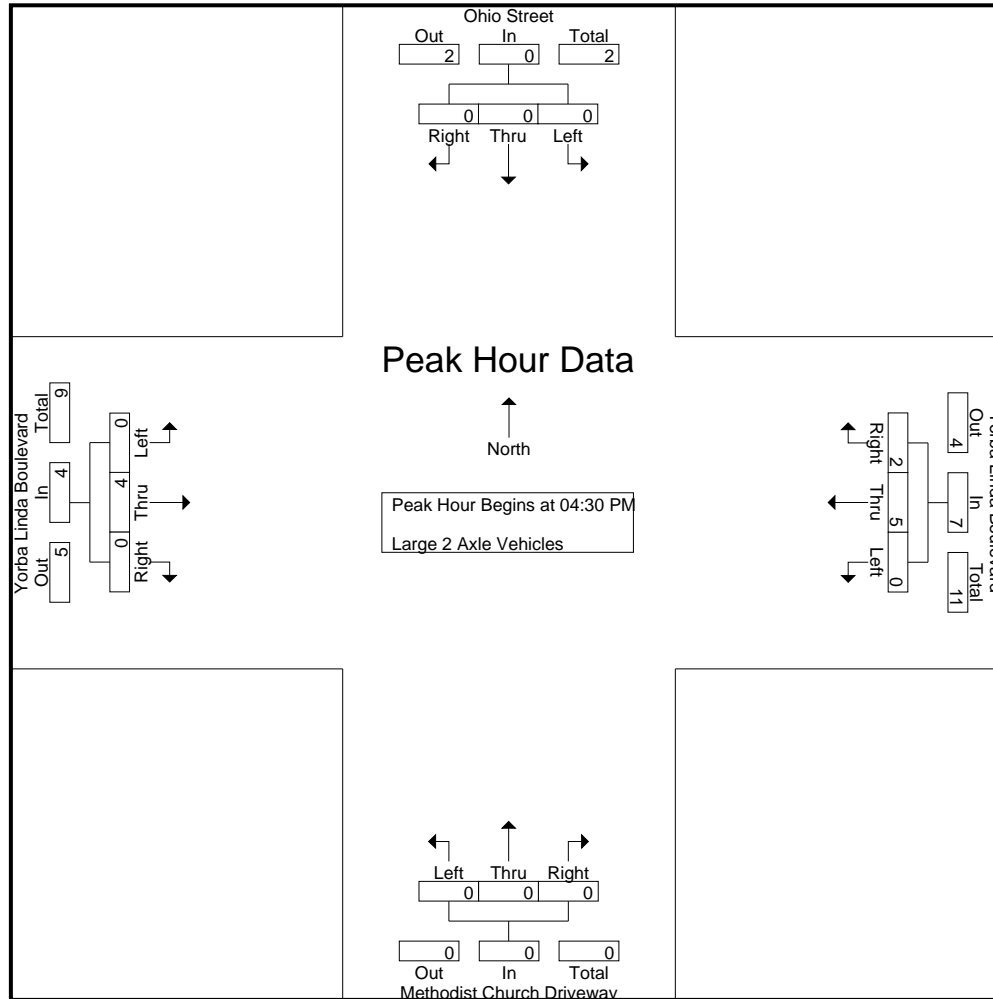
Groups Printed- Large 2 Axle Vehicles

Start Time	Ohio Street Southbound					Yorba Linda Boulevard Westbound					Methodist Church Driveway Northbound					Yorba Linda Boulevard Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	1	3	4
04:15 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	2	2
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	1
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	1	1	1	0	1	0	0	1	0	0	0	0	0	0	4	0	0	4	1	6	7
05:00 PM	0	0	0	0	0	0	2	2	0	4	0	0	0	0	0	0	3	0	0	3	0	7	7
05:15 PM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3	3
05:30 PM	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	0	0	0	1	0	5	2	0	7	0	0	0	0	0	0	3	0	0	3	0	11	11
Grand Total	1	0	1	1	2	0	6	2	0	8	0	0	0	0	0	0	7	0	0	7	1	17	18
Apprch %	50	0	50			0	75	25			0	0	0			0	100	0					
Total %	5.9	0	5.9		11.8	0	35.3	11.8		47.1	0	0	0		0	0	41.2	0		41.2	5.6	94.4	

Start Time	Ohio Street Southbound				Yorba Linda Boulevard Westbound				Methodist Church Driveway Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00 PM	0	0	0	0	0	2	2	4	0	0	0	0	0	3	0	3	7
05:15 PM	0	0	0	0	0	3	0	3	0	0	0	0	0	0	0	0	3
Total Volume	0	0	0	0	0	5	2	7	0	0	0	0	0	4	0	4	11
% App. Total	0	0	0	0	0	71.4	28.6		0	0	0		0	100	0		
PHF	.000	.000	.000	.000	.000	.417	.250	.438	.000	.000	.000	.000	.000	.333	.000	.333	.393

City of Yorba Linda
 N/S: Ohio Street
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 13_YLA_Ohio_Yorba PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Ohio Street
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 13_YLA_Ohio_Yorba PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Ohio Street Southbound				Yorba Linda Boulevard Westbound				Methodist Church Driveway Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:30 PM				04:30 PM				04:30 PM				04:30 PM				
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
+30 mins.	0	0	0	0	0	2	2	4	0	0	0	0	0	3	0	3	
+45 mins.	0	0	0	0	0	3	0	3	0	0	0	0	0	0	0	0	
Total Volume	0	0	0	0	0	5	2	7	0	0	0	0	0	4	0	4	
% App. Total	0	0	0	0	0	71.4	28.6		0	0	0		0	100	0		
PHF	.000	.000	.000	.000	.000	.417	.250	.438	.000	.000	.000	.000	.000	.333	.000	.333	

City of Yorba Linda
 N/S: Ohio Street
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 13_YLA_Ohio_Yorba PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

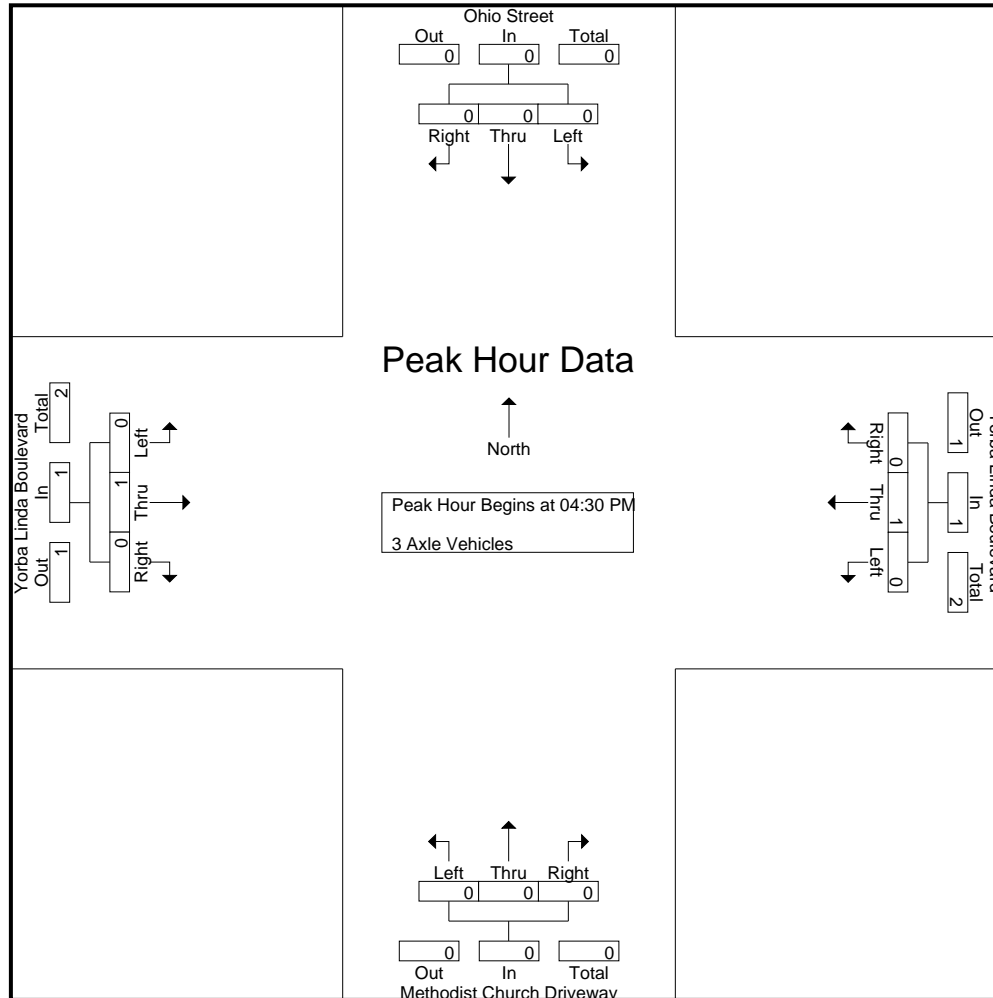
Groups Printed- 3 Axle Vehicles

Start Time	Ohio Street Southbound					Yorba Linda Boulevard Westbound					Methodist Church Driveway Northbound					Yorba Linda Boulevard Eastbound					Exclu. Total	Inclu. Total	Int. Total			
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total						
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	1	1
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	1	1
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Grand Total	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	2	0	0	2	2
Apprch %	0	0	0			0	100	0			0	0	0			0	100	0			0			0		
Total %	0	0	0			0	50	0		50	0	0	0		0	0	50	0		50	0	100		0	100	

Start Time	Ohio Street Southbound				Yorba Linda Boulevard Westbound				Methodist Church Driveway Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
Total Volume	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1	2
% App. Total	0	0	0		0	100	0		0	0	0		0	100	0		
PHF	.000	.000	.000	.000	.000	.250	.000	.250	.000	.000	.000	.000	.000	.250	.000	.250	.500

City of Yorba Linda
 N/S: Ohio Street
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 13_YLA_Ohio_Yorba PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Ohio Street
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 13_YLA_Ohio_Yorba PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Ohio Street Southbound				Yorba Linda Boulevard Westbound				Methodist Church Driveway Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:30 PM				04:30 PM				04:30 PM				04:30 PM				
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
+45 mins.	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	
Total Volume	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1	
% App. Total	0	0	0	0	0	100	0	0	0	0	0	0	0	100	0	0	
PHF	.000	.000	.000	.000	.000	.250	.000	.250	.000	.000	.000	.000	.000	.250	.000	.250	

City of Yorba Linda
 N/S: Ohio Street
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 13_YLA_Ohio_Yorba PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

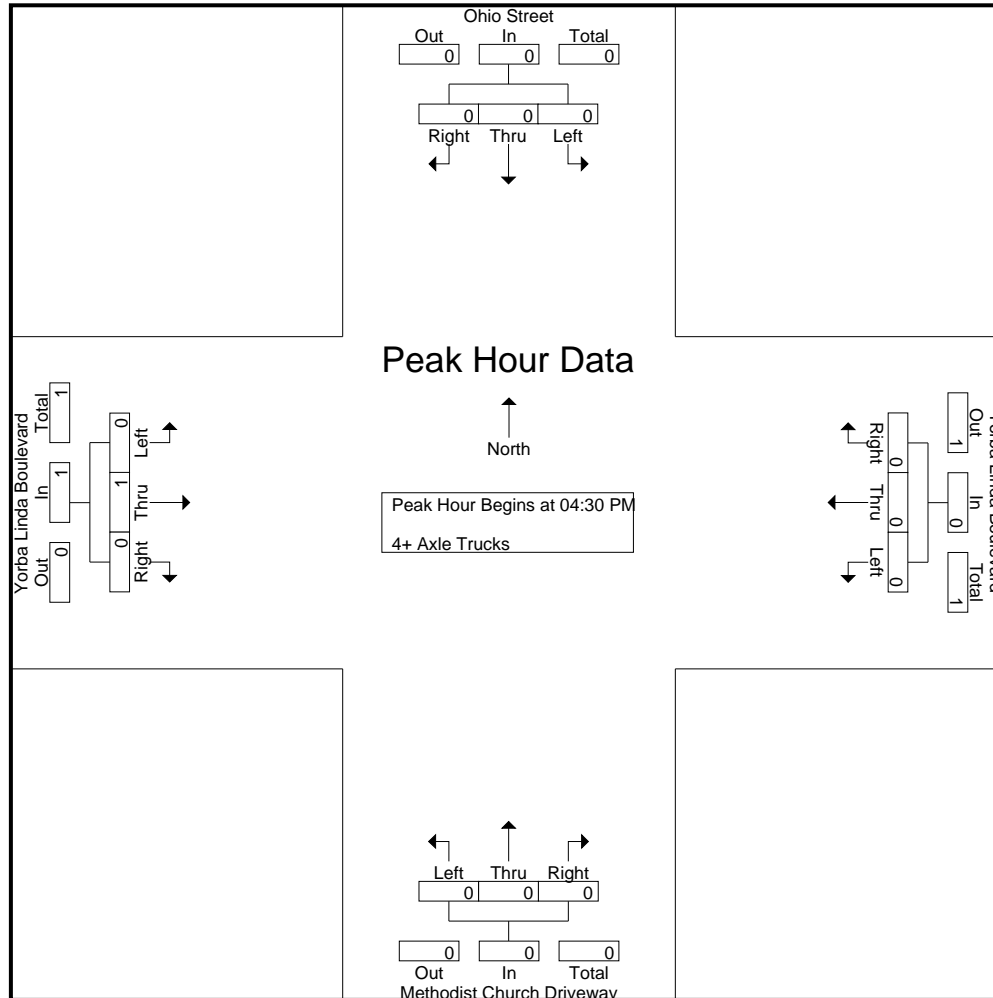
Groups Printed- 4+ Axle Trucks

Start Time	Ohio Street Southbound					Yorba Linda Boulevard Westbound					Methodist Church Driveway Northbound					Yorba Linda Boulevard Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	2
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1
Grand Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	3
Apprch %	0	0	0			0	0	0			0	0	0			0	100	0			0		
Total %	0	0	0		0	0	0	0		0	0	0	0		0	0	100	0		100	0	0	100

Start Time	Ohio Street Southbound				Yorba Linda Boulevard Westbound				Methodist Church Driveway Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
% App. Total	0	0	0		0	0	0		0	0	0		0	100	0		
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.250	.000	.250	.250

City of Yorba Linda
 N/S: Ohio Street
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 13_YLA_Ohio_Yorba PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Ohio Street
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 13_YLA_Ohio_Yorba PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Ohio Street Southbound				Yorba Linda Boulevard Westbound				Methodist Church Driveway Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:30 PM				04:30 PM				04:30 PM				04:30 PM				
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
% App. Total	0	0	0	0	0	0	0	0	0	0	0	0	0	100	0	0	0
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.250	.000	.250	

Location: Yorba Linda
 N/S: Ohio Street
 E/W: Yorba Linda Boulevard



Date: 3/15/2022
 Day: Tuesday

PEDESTRIANS

	North Leg Ohio Street	East Leg Yorba Linda Boulevard	South Leg Methodist Church DW	West Leg Yorba Linda Boulevard	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	2	0	0	0	2
7:45 AM	1	0	0	0	1
8:00 AM	0	0	0	0	0
8:15 AM	0	0	0	0	0
8:30 AM	0	0	0	0	0
8:45 AM	0	0	0	0	0
TOTAL VOLUMES:	3	0	0	0	3

	North Leg Ohio Street	East Leg Yorba Linda Boulevard	South Leg Methodist Church DW	West Leg Yorba Linda Boulevard	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	0	0	0
4:15 PM	0	0	0	0	0
4:30 PM	0	0	0	0	0
4:45 PM	0	0	0	0	0
5:00 PM	1	0	0	0	1
5:15 PM	0	0	0	0	0
5:30 PM	0	0	0	0	0
5:45 PM	0	0	0	0	0
TOTAL VOLUMES:	1	0	0	0	1

Location: Yorba Linda
 N/S: Ohio Street
 E/W: Yorba Linda Boulevard



Date: 3/15/2022
 Day: Tuesday

BICYCLES

	Southbound Ohio Street			Westbound Yorba Linda Boulevard			Northbound Methodist Church DW			Eastbound Yorba Linda Boulevard			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	1	0	0	0	0	0	0	0	0	0	0	0	1
7:15 AM	0	0	0	0	0	1	0	0	0	0	1	0	2
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	1	0	0	0	0	1	0	0	0	0	2	0	4

	Southbound Ohio Street			Westbound Yorba Linda Boulevard			Northbound Methodist Church DW			Eastbound Yorba Linda Boulevard			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
5:15 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
TOTAL VOLUMES:	0	0	0	0	1	0	0	0	0	0	3	0	4

City of Yorba Linda
 N/S: Fairmont Boulevard
 E/W: Bastanchury Road
 Weather: Clear

File Name : 14_YLA_Fair_Bast AM
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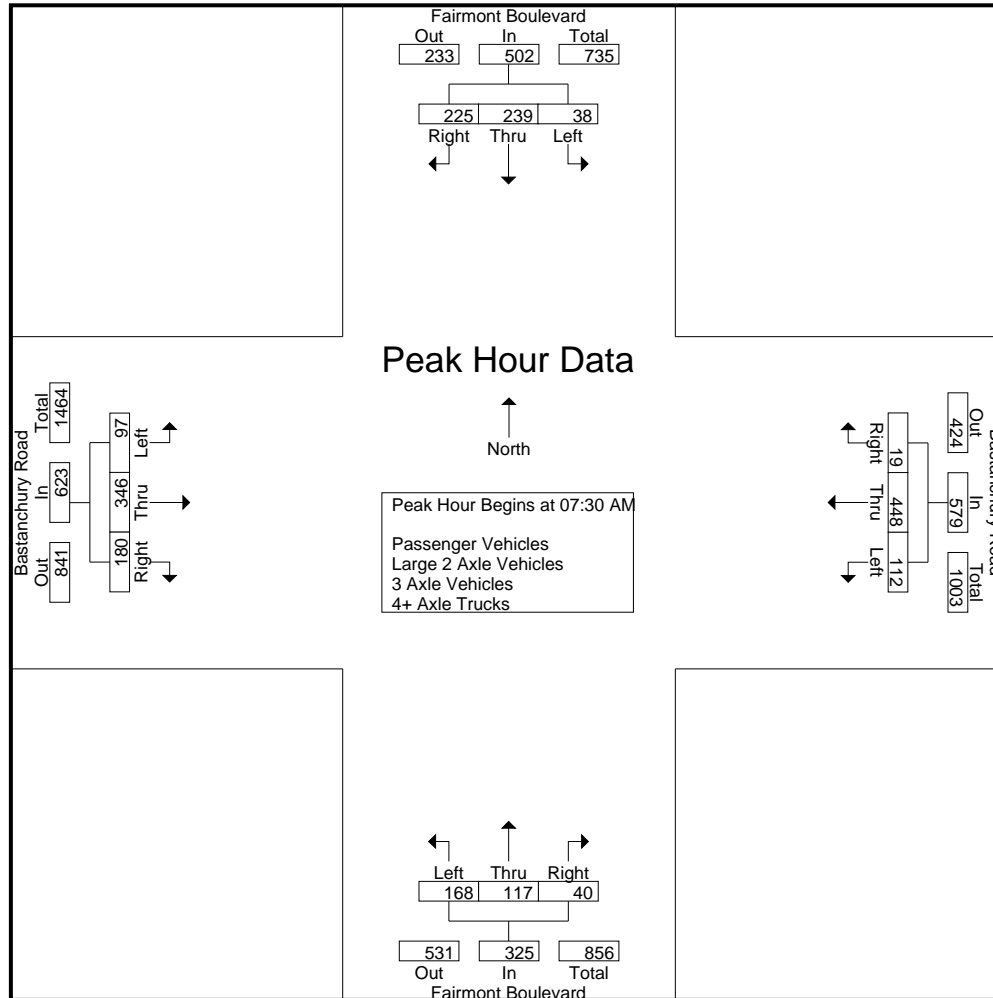
Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

Start Time	Fairmont Boulevard Southbound					Bastanchury Road Westbound					Fairmont Boulevard Northbound					Bastanchury Road Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	8	18	29	20	55	5	54	2	0	61	20	14	4	1	38	8	30	8	2	46	23	200	223
07:15 AM	10	28	50	26	88	17	97	1	0	115	40	13	6	0	59	10	44	14	4	68	30	330	360
07:30 AM	8	67	88	38	163	50	192	1	1	243	57	17	3	1	77	11	73	54	6	138	46	621	667
07:45 AM	13	64	52	21	129	38	110	5	0	153	52	32	15	1	99	45	151	71	11	267	33	648	681
Total	39	177	219	105	435	110	453	9	1	572	169	76	28	3	273	74	298	147	23	519	132	1799	1931
08:00 AM	12	61	43	25	116	17	83	9	4	109	25	26	6	2	57	25	59	36	13	120	44	402	446
08:15 AM	5	47	42	26	94	7	63	4	2	74	34	42	16	1	92	16	63	19	6	98	35	358	393
08:30 AM	7	16	52	38	75	7	78	4	2	89	27	25	9	0	61	23	52	20	8	95	48	320	368
08:45 AM	5	15	25	20	45	9	74	3	1	86	37	13	7	2	57	24	66	30	9	120	32	308	340
Total	29	139	162	109	330	40	298	20	9	358	123	106	38	5	267	88	240	105	36	433	159	1388	1547
Grand Total	68	316	381	214	765	150	751	29	10	930	292	182	66	8	540	162	538	252	59	952	291	3187	3478
Apprch %	8.9	41.3	49.8			16.1	80.8	3.1			54.1	33.7	12.2			17	56.5	26.5					
Total %	2.1	9.9	12		24	4.7	23.6	0.9		29.2	9.2	5.7	2.1		16.9	5.1	16.9	7.9		29.9	8.4	91.6	
Passenger Vehicles	68	313	378		971	150	741	28		929	289	173	66		536	160	527	251		997	0	0	3433
% Passenger Vehicles	100	99.1	99.2	99.1	99.2	100	98.7	96.6	100	98.8	99	95.1	100	100	97.8	98.8	98	99.6	100	98.6	0	0	98.7
Large 2 Axle Vehicles	0	3	3		8	0	9	1		10	3	5	0		8	2	11	1		14	0	0	40
% Large 2 Axle Vehicles	0	0.9	0.8	0.9	0.8	0	1.2	3.4	0	1.1	1	2.7	0	0	1.5	1.2	2	0.4	0	1.4	0	0	1.2
3 Axle Vehicles	0	0	0		0	0	1	0		1	0	3	0		3	0	0	0		0	0	0	4
% 3 Axle Vehicles	0	0	0	0	0	0	0.1	0	0	0.1	0	1.6	0	0	0.5	0	0	0	0	0	0	0	0.1
4+ Axle Trucks	0	0	0		0	0	0	0		0	0	1	0		1	0	0	0		0	0	0	1
% 4+ Axle Trucks	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0.2	0	0	0	0	0	0	0	0

Start Time	Fairmont Boulevard Southbound				Bastanchury Road Westbound				Fairmont Boulevard Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	8	67	88	163	50	192	1	243	57	17	3	77	11	73	54	138	621
07:45 AM	13	64	52	129	38	110	5	153	52	32	15	99	45	151	71	267	648
08:00 AM	12	61	43	116	17	83	9	109	25	26	6	57	25	59	36	120	402
08:15 AM	5	47	42	94	7	63	4	74	34	42	16	92	16	63	19	98	358
Total Volume	38	239	225	502	112	448	19	579	168	117	40	325	97	346	180	623	2029
% App. Total	7.6	47.6	44.8		19.3	77.4	3.3		51.7	36	12.3		15.6	55.5	28.9		
PHF	.731	.892	.639	.770	.560	.583	.528	.596	.737	.696	.625	.821	.539	.573	.634	.583	.783

City of Yorba Linda
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 E/W: Bastanchury Road
 Weather: Clear

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City of Yorba Linda
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File Name : 14_YLA_Fair_Bast AM
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Start Time	Fairmont Boulevard Southbound				Bastanchury Road Westbound				Fairmont Boulevard Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:30 AM				07:15 AM				07:30 AM				07:30 AM				
+0 mins.	8	67	88	163	17	97	1	115	57	17	3	77	11	73	54	138	
+15 mins.	13	64	52	129	50	192	1	243	52	32	15	99	45	151	71	267	
+30 mins.	12	61	43	116	38	110	5	153	25	26	6	57	25	59	36	120	
+45 mins.	5	47	42	94	17	83	9	109	34	42	16	92	16	63	19	98	
Total Volume	38	239	225	502	122	482	16	620	168	117	40	325	97	346	180	623	
% App. Total	7.6	47.6	44.8		19.7	77.7	2.6		51.7	36	12.3		15.6	55.5	28.9		
PHF	.731	.892	.639	.770	.610	.628	.444	.638	.737	.696	.625	.821	.539	.573	.634	.583	

City of Yorba Linda
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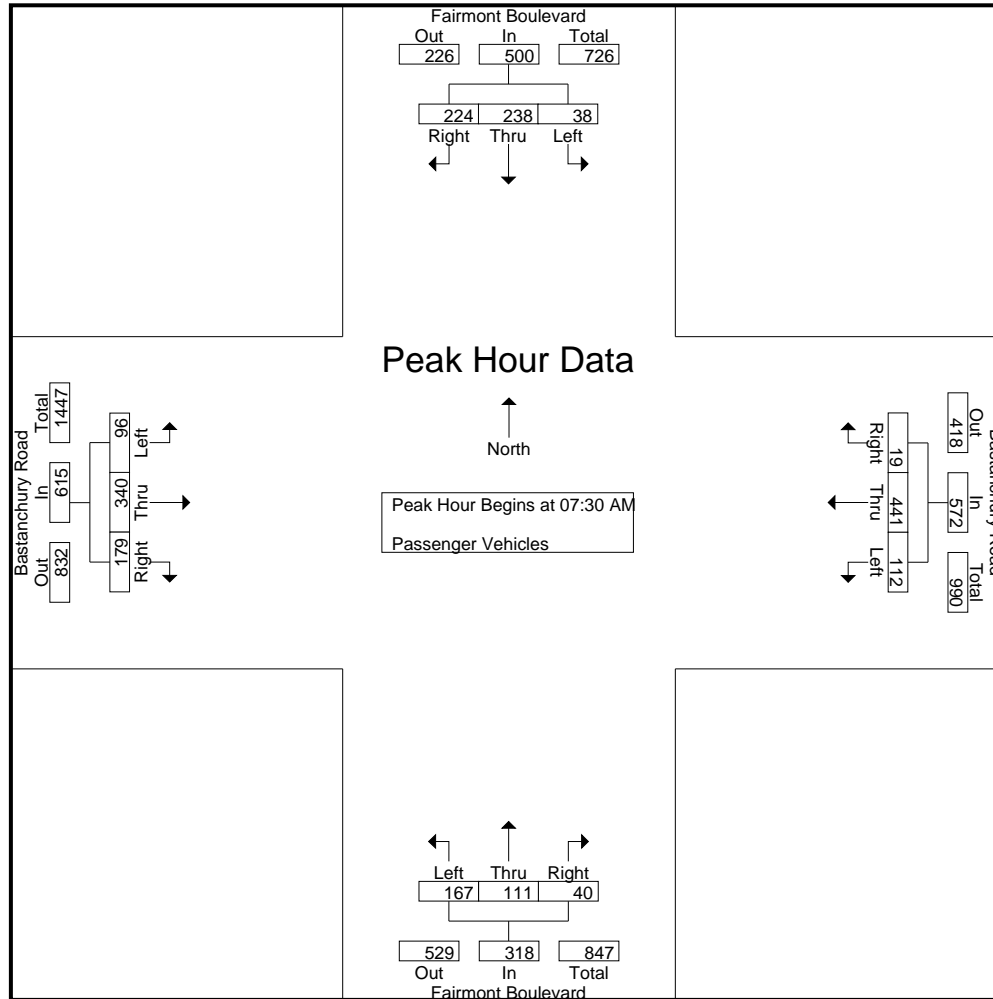
Groups Printed- Passenger Vehicles

Start Time	Fairmont Boulevard Southbound					Bastanchury Road Westbound					Fairmont Boulevard Northbound					Bastanchury Road Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	8	16	29	20	53	5	54	1	0	60	20	12	4	1	36	7	30	8	2	45	23	194	217
07:15 AM	10	28	48	25	86	17	96	1	0	114	38	12	6	0	56	10	42	14	4	66	29	322	351
07:30 AM	8	67	88	38	163	50	191	1	1	242	56	16	3	1	75	11	73	54	6	138	46	618	664
07:45 AM	13	63	52	21	128	38	108	5	0	151	52	29	15	1	96	45	149	71	11	265	33	640	673
Total	39	174	217	104	430	110	449	8	1	567	166	69	28	3	263	73	294	147	23	514	131	1774	1905
08:00 AM	12	61	43	25	116	17	82	9	4	108	25	24	6	2	55	24	57	35	13	116	44	395	439
08:15 AM	5	47	41	25	93	7	60	4	2	71	34	42	16	1	92	16	61	19	6	96	34	352	386
08:30 AM	7	16	52	38	75	7	76	4	2	87	27	25	9	0	61	23	51	20	8	94	48	317	365
08:45 AM	5	15	25	20	45	9	74	3	1	86	37	13	7	2	57	24	64	30	9	118	32	306	338
Total	29	139	161	108	329	40	292	20	9	352	123	104	38	5	265	87	233	104	36	424	158	1370	1528
Grand Total	68	313	378	212	759	150	741	28	10	919	289	173	66	8	528	160	527	251	59	938	289	3144	3433
Apprch %	9	41.2	49.8			16.3	80.6	3			54.7	32.8	12.5			17.1	56.2	26.8					
Total %	2.2	10	12		24.1	4.8	23.6	0.9		29.2	9.2	5.5	2.1		16.8	5.1	16.8	8		29.8	8.4	91.6	

Start Time	Fairmont Boulevard Southbound				Bastanchury Road Westbound				Fairmont Boulevard Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	8	67	88	163	50	191	1	242	56	16	3	75	11	73	54	138	618
07:45 AM	13	63	52	128	38	108	5	151	52	29	15	96	45	149	71	265	640
08:00 AM	12	61	43	116	17	82	9	108	25	24	6	55	24	57	35	116	395
08:15 AM	5	47	41	93	7	60	4	71	34	42	16	92	16	61	19	96	352
Total Volume	38	238	224	500	112	441	19	572	167	111	40	318	96	340	179	615	2005
% App. Total	7.6	47.6	44.8		19.6	77.1	3.3		52.5	34.9	12.6		15.6	55.3	29.1		
PHF	.731	.888	.636	.767	.560	.577	.528	.591	.746	.661	.625	.828	.533	.570	.630	.580	.783

City of Yorba Linda
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 Weather: Clear

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Start Time	Fairmont Boulevard Southbound				Bastanchury Road Westbound				Fairmont Boulevard Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:30 AM				07:30 AM				07:30 AM				07:30 AM				
+0 mins.	8	67	88	163	50	191	1	242	56	16	3	75	11	73	54	138	
+15 mins.	13	63	52	128	38	108	5	151	52	29	15	96	45	149	71	265	
+30 mins.	12	61	43	116	17	82	9	108	25	24	6	55	24	57	35	116	
+45 mins.	5	47	41	93	7	60	4	71	34	42	16	92	16	61	19	96	
Total Volume	38	238	224	500	112	441	19	572	167	111	40	318	96	340	179	615	
% App. Total	7.6	47.6	44.8		19.6	77.1	3.3		52.5	34.9	12.6		15.6	55.3	29.1		
PHF	.731	.888	.636	.767	.560	.577	.528	.591	.746	.661	.625	.828	.533	.570	.630	.580	

City of Yorba Linda
 N/S: Fairmont Boulevard
 E/W: Bastanchury Road
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File Name : 14_YLA_Fair_Bast AM
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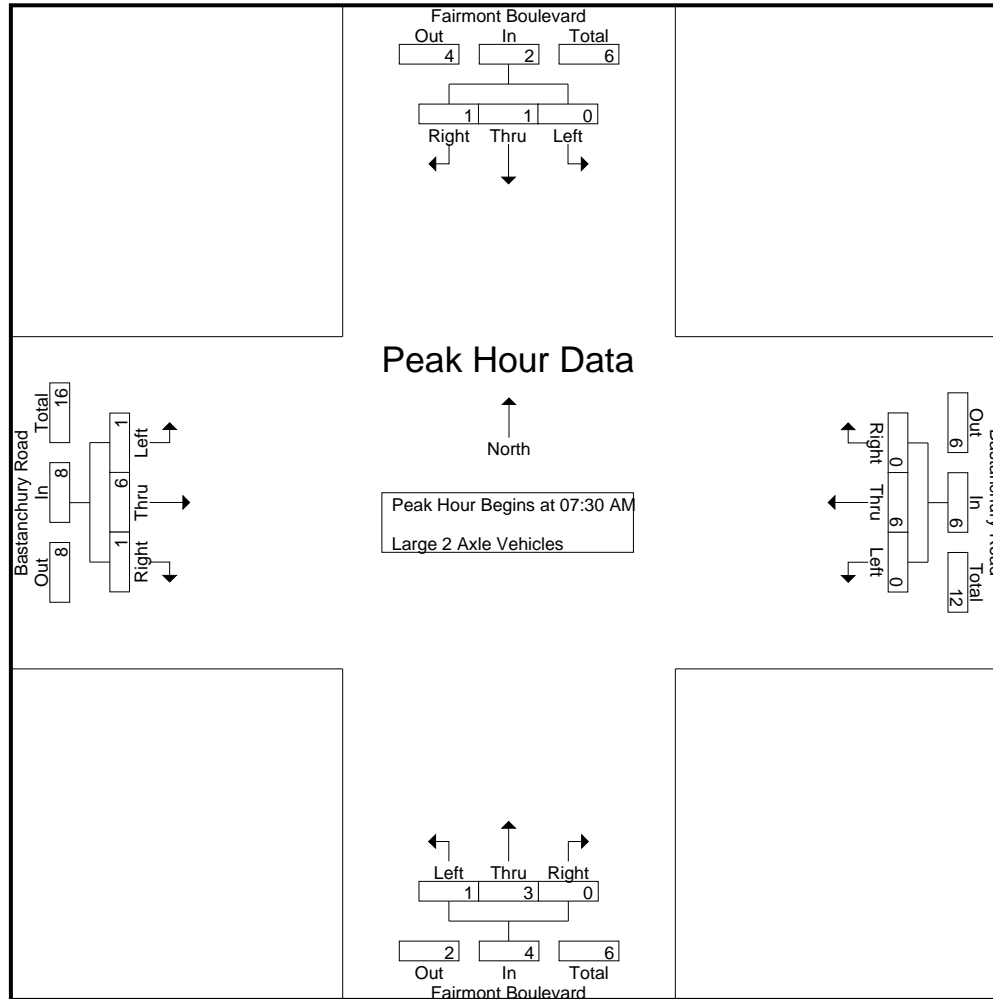
Groups Printed- Large 2 Axle Vehicles

Start Time	Fairmont Boulevard Southbound					Bastanchury Road Westbound					Fairmont Boulevard Northbound					Bastanchury Road Eastbound					Exclu. Total	Inclu. Total	Int. Total	
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total				
07:00 AM	0	2	0	0	2	0	0	1	0	1	0	1	0	0	1	1	0	0	0	1	0	0	5	5
07:15 AM	0	0	2	1	2	0	1	0	0	1	2	1	0	0	3	0	2	0	0	2	1	8	9	9
07:30 AM	0	0	0	0	0	0	1	0	0	1	1	0	0	0	1	0	0	0	0	0	0	2	2	2
07:45 AM	0	1	0	0	1	0	2	0	0	2	0	1	0	0	1	0	2	0	0	2	0	6	6	6
Total	0	3	2	1	5	0	4	1	0	5	3	3	0	0	6	1	4	0	0	5	1	21	22	22
08:00 AM	0	0	0	0	0	0	1	0	0	1	0	2	0	0	2	1	2	1	0	4	0	7	7	7
08:15 AM	0	0	1	1	1	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	1	5	6	6
08:30 AM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	0	3	3	3
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	2	2	2
Total	0	0	1	1	1	0	5	0	0	5	0	2	0	0	2	1	7	1	0	9	1	17	18	18
Grand Total	0	3	3	2	6	0	9	1	0	10	3	5	0	0	8	2	11	1	0	14	2	38	40	40
Apprch %	0	50	50			0	90	10			37.5	62.5	0			14.3	78.6	7.1						
Total %	0	7.9	7.9		15.8	0	23.7	2.6		26.3	7.9	13.2	0		21.1	5.3	28.9	2.6		36.8	5	95		

Start Time	Fairmont Boulevard Southbound				Bastanchury Road Westbound				Fairmont Boulevard Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	0	0	0	0	1	0	1	1	0	0	1	0	0	0	0	2
07:45 AM	0	1	0	1	0	2	0	2	0	1	0	1	0	2	0	2	6
08:00 AM	0	0	0	0	0	1	0	1	0	2	0	2	1	2	1	4	7
08:15 AM	0	0	1	1	0	2	0	2	0	0	0	0	0	2	0	2	5
Total Volume	0	1	1	2	0	6	0	6	1	3	0	4	1	6	1	8	20
% App. Total	0	50	50		0	100	0		25	75	0		12.5	75	12.5		
PHF	.000	.250	.250	.500	.000	.750	.000	.750	.250	.375	.000	.500	.250	.750	.250	.500	.714

City of Yorba Linda
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File Name : 14_YLA_Fair_Bast AM
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Start Time	Fairmont Boulevard Southbound				Bastanchury Road Westbound				Fairmont Boulevard Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:30 AM				07:30 AM				07:30 AM				07:30 AM				
+0 mins.	0	0	0	0	0	1	0	1	1	0	0	1	0	0	0	0	
+15 mins.	0	1	0	1	0	2	0	2	0	1	0	1	0	2	0	2	
+30 mins.	0	0	0	0	0	1	0	1	0	2	0	2	1	2	1	4	
+45 mins.	0	0	1	1	0	2	0	2	0	0	0	0	0	2	0	2	
Total Volume	0	1	1	2	0	6	0	6	1	3	0	4	1	6	1	8	
% App. Total	0	50	50		0	100	0		25	75	0		12.5	75	12.5		
PHF	.000	.250	.250	.500	.000	.750	.000	.750	.250	.375	.000	.500	.250	.750	.250	.500	

City of Yorba Linda
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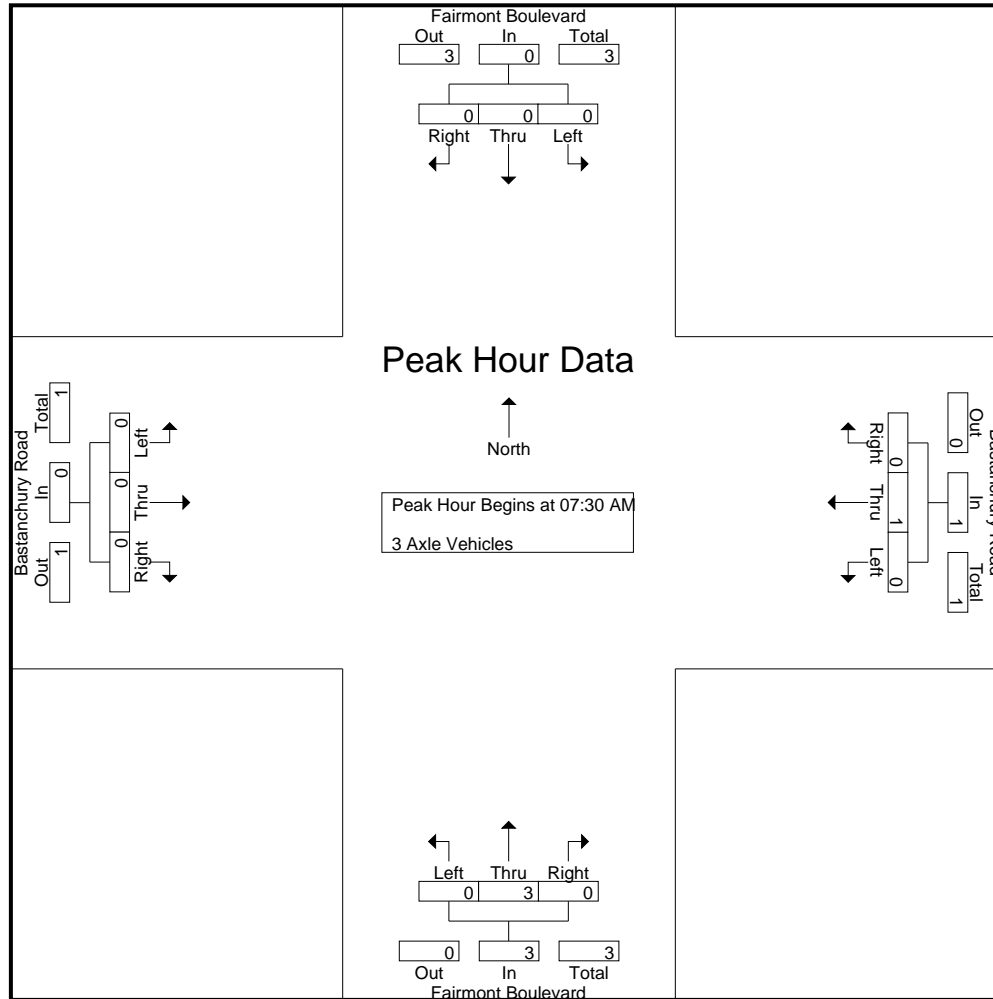
Groups Printed- 3 Axle Vehicles

Start Time	Fairmont Boulevard Southbound					Bastanchury Road Westbound					Fairmont Boulevard Northbound					Bastanchury Road Eastbound					Exclu. Total	Inclu. Total	Int. Total					
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total								
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2
Total	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3	3
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Grand Total	0	0	0	0	0	0	1	0	0	1	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	4	4
Apprch %	0	0	0			0	100	0			0	100	0			0	0	0			0	0	0			0		
Total %	0	0	0			0	25	0		25	0	75	0		75	0	0	0			0	0	0			0	100	

Start Time	Fairmont Boulevard Southbound				Bastanchury Road Westbound				Fairmont Boulevard Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
07:45 AM	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	2
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
Total Volume	0	0	0	0	0	1	0	1	0	3	0	3	0	0	0	0	4
% App. Total	0	0	0		0	100	0		0	100	0		0	0	0		
PHF	.000	.000	.000	.000	.000	.250	.000	.250	.000	.375	.000	.375	.000	.000	.000	.000	.500

City of Yorba Linda
 N/S: Fairmont Boulevard
 E/W: Bastanchury Road
 Weather: Clear

File Name : 14_YLA_Fair_Bast AM
 Site Code : 05122223
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City of Yorba Linda
 N/S: Fairmont Boulevard
 E/W: Bastanchury Road
 Weather: Clear

File Name : 14_YLA_Fair_Bast AM
 Site Code : 05122223
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Start Time	Fairmont Boulevard Southbound				Bastanchury Road Westbound				Fairmont Boulevard Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:30 AM				07:30 AM				07:30 AM				07:30 AM				
+0 mins.	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	1	0	1	0	3	0	3	0	0	0	0	0
% App. Total	0	0	0	0	0	100	0	0	0	100	0	0	0	0	0	0	0
PHF	.000	.000	.000	.000	.000	.250	.000	.250	.000	.375	.000	.375	.000	.000	.000	.000	.000

City of Yorba Linda
 N/S: Fairmont Boulevard
 E/W: Bastanchury Road
 Weather: Clear

File Name : 14_YLA_Fair_Bast AM
 Site Code : 05122223
 Start Date : 3/15/2022
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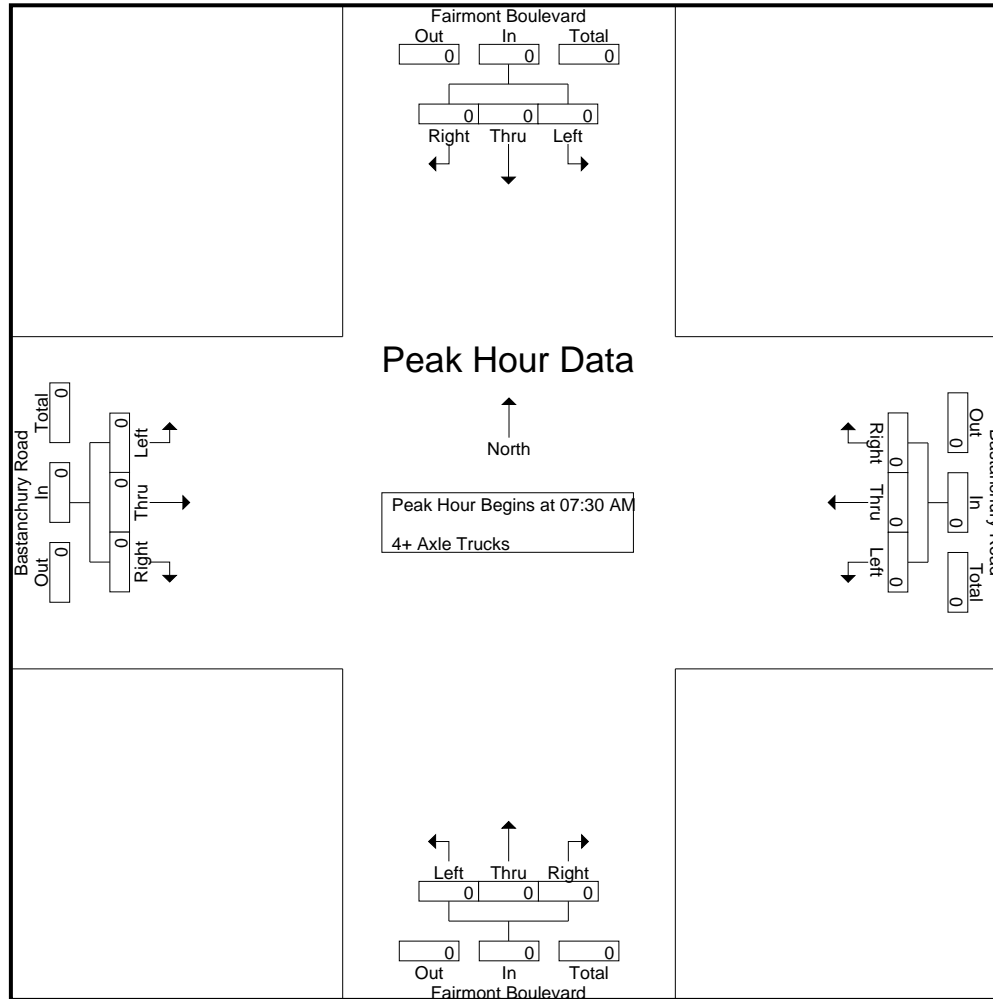
Groups Printed- 4+ Axle Trucks

Start Time	Fairmont Boulevard Southbound					Bastanchury Road Westbound					Fairmont Boulevard Northbound					Bastanchury Road Eastbound					Exclu. Total	Inclu. Total	Int. Total	
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total				
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	1	1
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	1	1
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	1	1
Apprch %	0	0	0			0	0	0			0	100	0			0	0	0			0			
Total %	0	0	0			0	0	0			0	100	0		100	0	0	0			0	100		

Start Time	Fairmont Boulevard Southbound				Bastanchury Road Westbound				Fairmont Boulevard Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
% App. Total	0	0	0		0	0	0		0	0	0		0	0	0		
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	

City of Yorba Linda
 N/S: Fairmont Boulevard
 E/W: Bastanchury Road
 Weather: Clear

File Name : 14_YLA_Fair_Bast AM
 Site Code : 05122223
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City of Yorba Linda
 N/S: Fairmont Boulevard
 E/W: Bastanchury Road
 Weather: Clear

File Name : 14_YLA_Fair_Bast AM
 Site Code : 05122223
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Start Time	Fairmont Boulevard Southbound				Bastanchury Road Westbound				Fairmont Boulevard Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:30 AM				07:30 AM				07:30 AM				07:30 AM				
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% App. Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

City of Yorba Linda
 N/S: Fairmont Boulevard
 E/W: Bastanchury Road
 Weather: Clear

File Name : 14_YLA_Fair_Bast PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

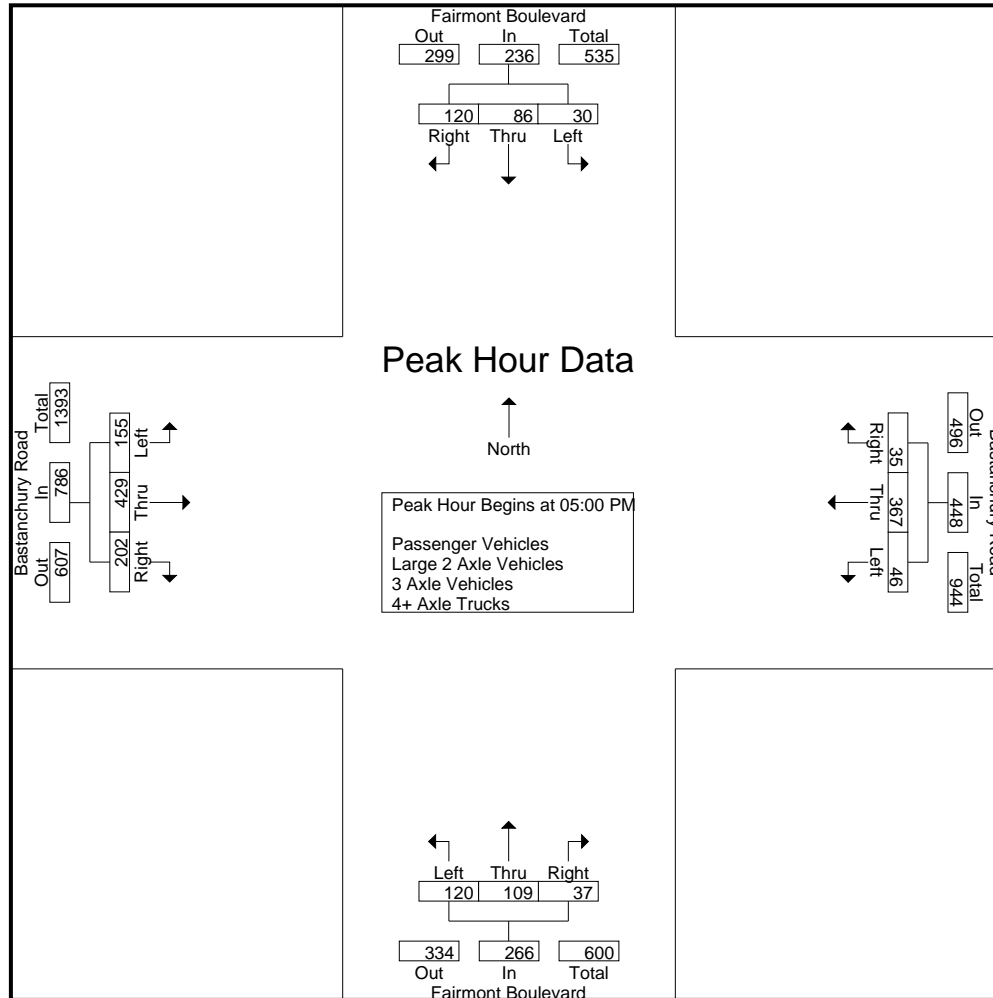
Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

Start Time	Fairmont Boulevard Southbound					Bastanchury Road Westbound					Fairmont Boulevard Northbound					Bastanchury Road Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	6	23	20	12	49	6	92	16	6	114	33	28	5	0	66	36	108	55	9	199	27	428	455
04:15 PM	5	20	27	20	52	4	102	9	0	115	25	17	9	4	51	39	105	38	8	182	32	400	432
04:30 PM	5	11	22	19	38	7	92	8	3	107	34	25	5	1	64	47	114	48	10	209	33	418	451
04:45 PM	7	29	29	16	65	1	98	10	1	109	29	18	7	0	54	29	95	46	8	170	25	398	423
Total	23	83	98	67	204	18	384	43	10	445	121	88	26	5	235	151	422	187	35	760	117	1644	1761
05:00 PM	10	21	21	13	52	9	84	10	1	103	28	33	4	2	65	38	112	41	6	191	22	411	433
05:15 PM	5	27	26	18	58	17	104	5	2	126	38	32	13	3	83	40	97	57	14	194	37	461	498
05:30 PM	6	23	25	18	54	15	90	8	2	113	33	23	12	1	68	44	111	54	5	209	26	444	470
05:45 PM	9	15	48	39	72	5	89	12	3	106	21	21	8	2	50	33	109	50	5	192	49	420	469
Total	30	86	120	88	236	46	367	35	8	448	120	109	37	8	266	155	429	202	30	786	134	1736	1870
Grand Total	53	169	218	155	440	64	751	78	18	893	241	197	63	13	501	306	851	389	65	1546	251	3380	3631
Apprch %	12	38.4	49.5			7.2	84.1	8.7			48.1	39.3	12.6			19.8	55	25.2					
Total %	1.6	5	6.4		13	1.9	22.2	2.3		26.4	7.1	5.8	1.9		14.8	9.1	25.2	11.5		45.7	6.9	93.1	
Passenger Vehicles	53	166	216		589	64	748	78		908	240	197	63		513	305	848	387		1605	0	0	3615
% Passenger Vehicles	100	98.2	99.1	99.4	99	100	99.6	100	100	99.7	99.6	100	100	100	99.8	99.7	99.6	99.5	100	99.6	0	0	99.6
Large 2 Axle Vehicles	0	2	1		4	0	1	0		1	1	0	0		1	0	2	2		4	0	0	10
% Large 2 Axle Vehicles	0	1.2	0.5	0.6	0.7	0	0.1	0	0	0.1	0.4	0	0	0	0.2	0	0.2	0.5	0	0.2	0	0	0.3
3 Axle Vehicles	0	1	0		1	0	2	0		2	0	0	0		0	0	1	0		1	0	0	4
% 3 Axle Vehicles	0	0.6	0	0	0.2	0	0.3	0	0	0.2	0	0	0	0	0	0	0.1	0	0	0.1	0	0	0.1
4+ Axle Trucks	0	0	1		1	0	0	0		0	0	0	0		0	1	0	0		1	0	0	2
% 4+ Axle Trucks	0	0	0.5	0	0.2	0	0	0	0	0	0	0	0	0	0	0.3	0	0	0	0.1	0	0	0.1

Start Time	Fairmont Boulevard Southbound				Bastanchury Road Westbound				Fairmont Boulevard Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	10	21	21	52	9	84	10	103	28	33	4	65	38	112	41	191	411
05:15 PM	5	27	26	58	17	104	5	126	38	32	13	83	40	97	57	194	461
05:30 PM	6	23	25	54	15	90	8	113	33	23	12	68	44	111	54	209	444
05:45 PM	9	15	48	72	5	89	12	106	21	21	8	50	33	109	50	192	420
Total Volume	30	86	120	236	46	367	35	448	120	109	37	266	155	429	202	786	1736
% App. Total	12.7	36.4	50.8		10.3	81.9	7.8		45.1	41	13.9		19.7	54.6	25.7		
PHF	.750	.796	.625	.819	.676	.882	.729	.889	.789	.826	.712	.801	.881	.958	.886	.940	.941

City of Yorba Linda
 N/S: Fairmont Boulevard
 E/W: Bastanchury Road
 Weather: Clear

File Name : 14_YLA_Fair_Bast PM
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City of Yorba Linda
 N/S: Fairmont Boulevard
 E/W: Bastanchury Road
 Weather: Clear

File Name : 14_YLA_Fair_Bast PM
 Site Code : 05122223
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 Page No : 3

Start Time	Fairmont Boulevard Southbound				Bastanchury Road Westbound				Fairmont Boulevard Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	05:00 PM				04:45 PM				04:45 PM				05:00 PM				
+0 mins.	10	21	21	52	1	98	10	109	29	18	7	54	38	112	41	191	
+15 mins.	5	27	26	58	9	84	10	103	28	33	4	65	40	97	57	194	
+30 mins.	6	23	25	54	17	104	5	126	38	32	13	83	44	111	54	209	
+45 mins.	9	15	48	72	15	90	8	113	33	23	12	68	33	109	50	192	
Total Volume	30	86	120	236	42	376	33	451	128	106	36	270	155	429	202	786	
% App. Total	12.7	36.4	50.8		9.3	83.4	7.3		47.4	39.3	13.3		19.7	54.6	25.7		
PHF	.750	.796	.625	.819	.618	.904	.825	.895	.842	.803	.692	.813	.881	.958	.886	.940	

City of Yorba Linda
 N/S: Fairmont Boulevard
 E/W: Bastanchury Road
 Weather: Clear

File Name : 14_YLA_Fair_Bast PM
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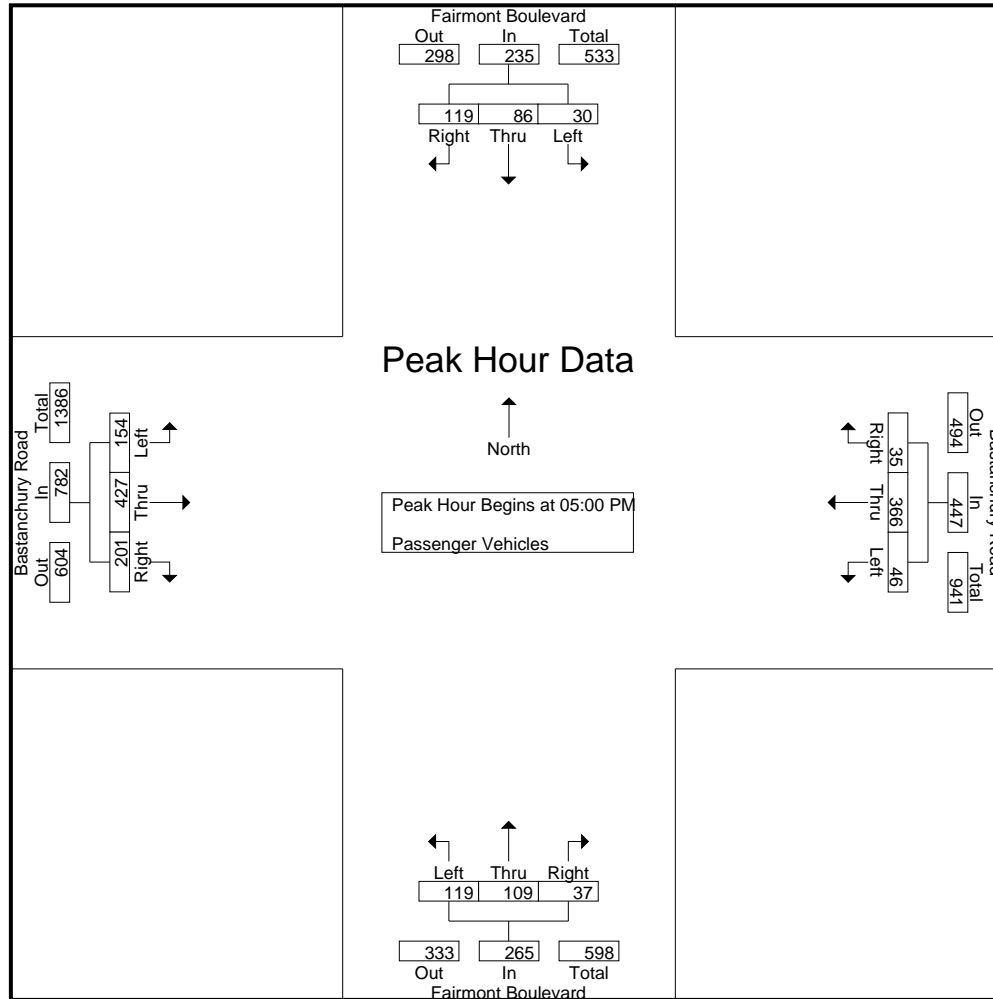
Groups Printed- Passenger Vehicles

Start Time	Fairmont Boulevard Southbound					Bastanchury Road Westbound					Fairmont Boulevard Northbound					Bastanchury Road Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	6	20	20	12	46	6	91	16	6	113	33	28	5	0	66	36	107	54	9	197	27	422	449
04:15 PM	5	20	26	19	51	4	102	9	0	115	25	17	9	4	51	39	105	38	8	182	31	399	430
04:30 PM	5	11	22	19	38	7	92	8	3	107	34	25	5	1	64	47	114	48	10	209	33	418	451
04:45 PM	7	29	29	16	65	1	97	10	1	108	29	18	7	0	54	29	95	46	8	170	25	397	422
Total	23	80	97	66	200	18	382	43	10	443	121	88	26	5	235	151	421	186	35	758	116	1636	1752
05:00 PM	10	21	21	13	52	9	84	10	1	103	28	33	4	2	65	37	110	41	6	188	22	408	430
05:15 PM	5	27	26	18	58	17	104	5	2	126	38	32	13	3	83	40	97	57	14	194	37	461	498
05:30 PM	6	23	24	18	53	15	89	8	2	112	33	23	12	1	68	44	111	53	5	208	26	441	467
05:45 PM	9	15	48	39	72	5	89	12	3	106	20	21	8	2	49	33	109	50	5	192	49	419	468
Total	30	86	119	88	235	46	366	35	8	447	119	109	37	8	265	154	427	201	30	782	134	1729	1863
Grand Total	53	166	216	154	435	64	748	78	18	890	240	197	63	13	500	305	848	387	65	1540	250	3365	3615
Apprch %	12.2	38.2	49.7			7.2	84	8.8			48	39.4	12.6			19.8	55.1	25.1					
Total %	1.6	4.9	6.4		12.9	1.9	22.2	2.3		26.4	7.1	5.9	1.9		14.9	9.1	25.2	11.5		45.8	6.9	93.1	

Start Time	Fairmont Boulevard Southbound				Bastanchury Road Westbound				Fairmont Boulevard Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	10	21	21	52	9	84	10	103	28	33	4	65	37	110	41	188	408
05:15 PM	5	27	26	58	17	104	5	126	38	32	13	83	40	97	57	194	461
05:30 PM	6	23	24	53	15	89	8	112	33	23	12	68	44	111	53	208	441
05:45 PM	9	15	48	72	5	89	12	106	20	21	8	49	33	109	50	192	419
Total Volume	30	86	119	235	46	366	35	447	119	109	37	265	154	427	201	782	1729
% App. Total	12.8	36.6	50.6		10.3	81.9	7.8		44.9	41.1	14		19.7	54.6	25.7		
PHF	.750	.796	.620	.816	.676	.880	.729	.887	.783	.826	.712	.798	.875	.962	.882	.940	.938

City of Yorba Linda
 N/S: Fairmont Boulevard
 E/W: Bastanchury Road
 Weather: Clear

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City of Yorba Linda
 N/S: Fairmont Boulevard
 E/W: Bastanchury Road
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File Name : 14_YLA_Fair_Bast PM
 Site Code : 05122223
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Start Time	Fairmont Boulevard Southbound				Bastanchury Road Westbound				Fairmont Boulevard Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	05:00 PM				05:00 PM				05:00 PM				05:00 PM				
+0 mins.	10	21	21	52	9	84	10	103	28	33	4	65	37	110	41	188	
+15 mins.	5	27	26	58	17	104	5	126	38	32	13	83	40	97	57	194	
+30 mins.	6	23	24	53	15	89	8	112	33	23	12	68	44	111	53	208	
+45 mins.	9	15	48	72	5	89	12	106	20	21	8	49	33	109	50	192	
Total Volume	30	86	119	235	46	366	35	447	119	109	37	265	154	427	201	782	
% App. Total	12.8	36.6	50.6		10.3	81.9	7.8		44.9	41.1	14		19.7	54.6	25.7		
PHF	.750	.796	.620	.816	.676	.880	.729	.887	.783	.826	.712	.798	.875	.962	.882	.940	

City of Yorba Linda
 N/S: Fairmont Boulevard
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File Name : 14_YLA_Fair_Bast PM
 Site Code : 05122223
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 Page No : 1

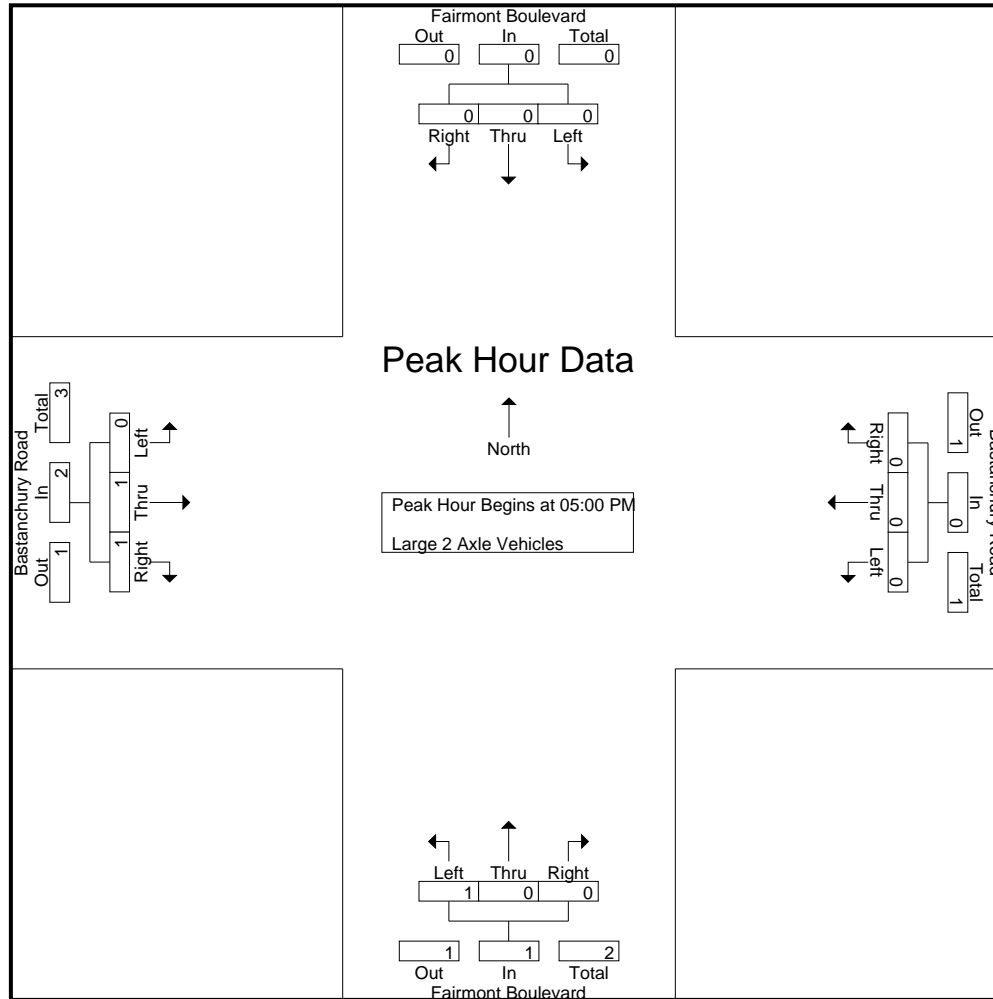
Groups Printed- Large 2 Axle Vehicles

Start Time	Fairmont Boulevard Southbound					Bastanchury Road Westbound					Fairmont Boulevard Northbound					Bastanchury Road Eastbound					Exclu. Total	Inclu. Total	Int. Total						
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total									
04:00 PM	0	2	0	0	2	0	1	0	0	1	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	1	5	5
04:15 PM	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	2	1	1	3	0	1	0	0	1	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	1	6	7	7
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	1	1
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	1	0	1	1	1
05:45 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1
Total	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	1	0	2	0	0	0	0	0	0	3	3	3
Grand Total	0	2	1	1	3	0	1	0	0	1	1	0	0	0	1	0	2	2	0	4	0	0	0	0	0	1	9	10	10
Apprch %	0	66.7	33.3			0	100	0			100	0	0			0	50	50			0	0	0	0	0	0	0	0	0
Total %	0	22.2	11.1		33.3	0	11.1	0		11.1	11.1	0	0		11.1	0	22.2	22.2		44.4	0	0	0	0	0	10	90		

Start Time	Fairmont Boulevard Southbound				Bastanchury Road Westbound				Fairmont Boulevard Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
05:45 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1
Total Volume	0	0	0	0	0	0	0	0	1	0	0	1	0	1	1	2	3
% App. Total	0	0	0	0	0	0	0	0	100	0	0	100	0	50	50		
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.250	.000	.000	.250	.000	.250	.250	.500	.750

City of Yorba Linda
 N/S: Fairmont Boulevard
 E/W: Bastanchury Road
 Weather: Clear

File Name : 14_YLA_Fair_Bast PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Fairmont Boulevard
 E/W: Bastanchury Road
 Weather: Clear

File Name : 14_YLA_Fair_Bast PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Fairmont Boulevard Southbound				Bastanchury Road Westbound				Fairmont Boulevard Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	05:00 PM				05:00 PM				05:00 PM				05:00 PM				
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
+45 mins.	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	
Total Volume	0	0	0	0	0	0	0	0	1	0	0	1	0	1	1	2	
% App. Total	0	0	0	0	0	0	0	0	100	0	0	0	0	50	50	0	
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.250	.000	.000	.250	.000	.250	.250	.500	

City of Yorba Linda
 N/S: Fairmont Boulevard
 E/W: Bastanchury Road
 Weather: Clear

File Name : 14_YLA_Fair_Bast PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

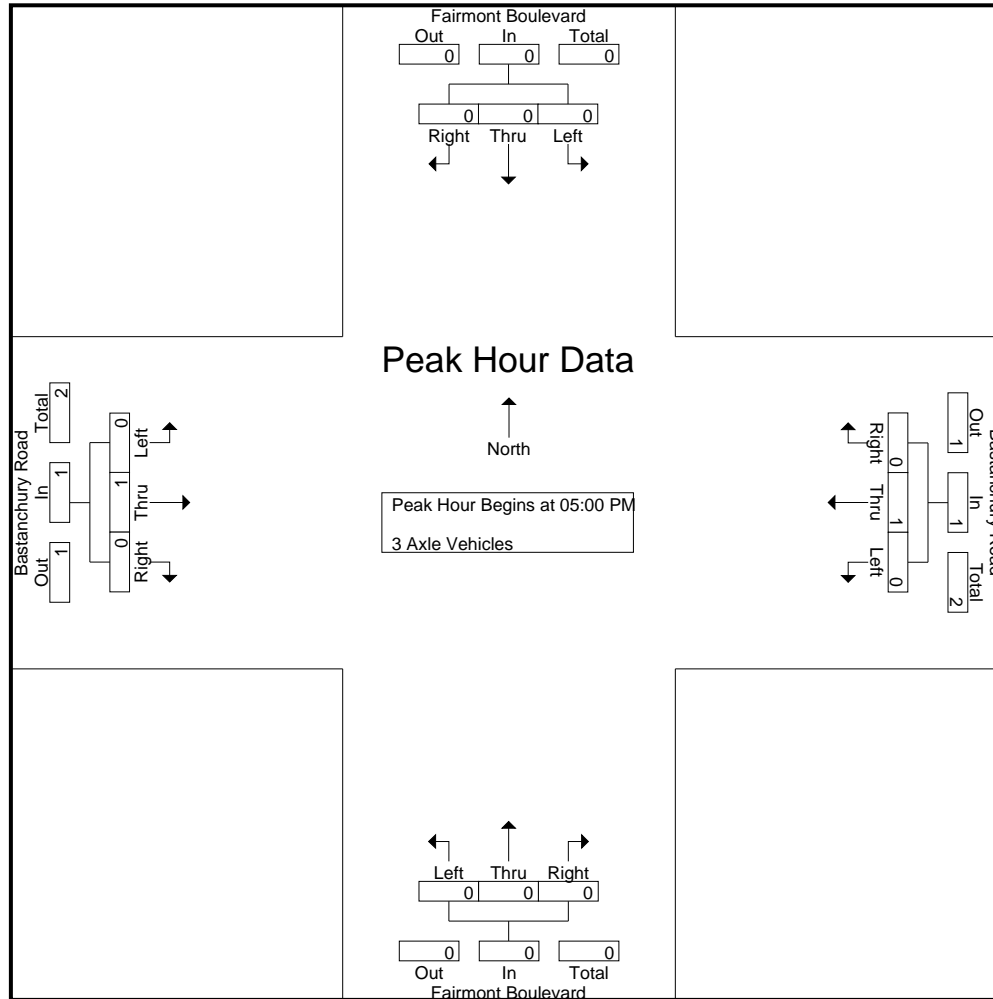
Groups Printed- 3 Axle Vehicles

Start Time	Fairmont Boulevard Southbound					Bastanchury Road Westbound					Fairmont Boulevard Northbound					Bastanchury Road Eastbound					Exclu. Total	Inclu. Total	Int. Total					
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total								
04:00 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Total	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	1	0	1	1
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	1	0	0	1	0	2	2
Grand Total	0	1	0	0	1	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	0	4	0	0	4	0	4	4
Apprch %	0	100	0			0	100	0			0	0	0			0	100	0			0		0			0		
Total %	0	25	0		25	0	50	0		50	0	0	0		0	0	25	0		25	0	100			100	0	100	

Start Time	Fairmont Boulevard Southbound				Bastanchury Road Westbound				Fairmont Boulevard Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1	2
% App. Total	0	0	0	0	0	100	0		0	0	0		0	100	0		
PHF	.000	.000	.000	.000	.000	.250	.000	.250	.000	.000	.000	.000	.000	.250	.000	.250	.500

City of Yorba Linda
 N/S: Fairmont Boulevard
 E/W: Bastanchury Road
 Weather: Clear

File Name : 14_YLA_Fair_Bast PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Fairmont Boulevard
 E/W: Bastanchury Road
 Weather: Clear

File Name : 14_YLA_Fair_Bast PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Fairmont Boulevard Southbound				Bastanchury Road Westbound				Fairmont Boulevard Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	05:00 PM				05:00 PM				05:00 PM				05:00 PM				
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
+30 mins.	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total Volume	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1	
% App. Total	0	0	0	0	0	100	0	100	0	0	0	0	0	100	0	100	
PHF	.000	.000	.000	.000	.000	.250	.000	.250	.000	.000	.000	.000	.000	.250	.000	.250	

City of Yorba Linda
 N/S: Fairmont Boulevard
 E/W: Bastanchury Road
 Weather: Clear

File Name : 14_YLA_Fair_Bast PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

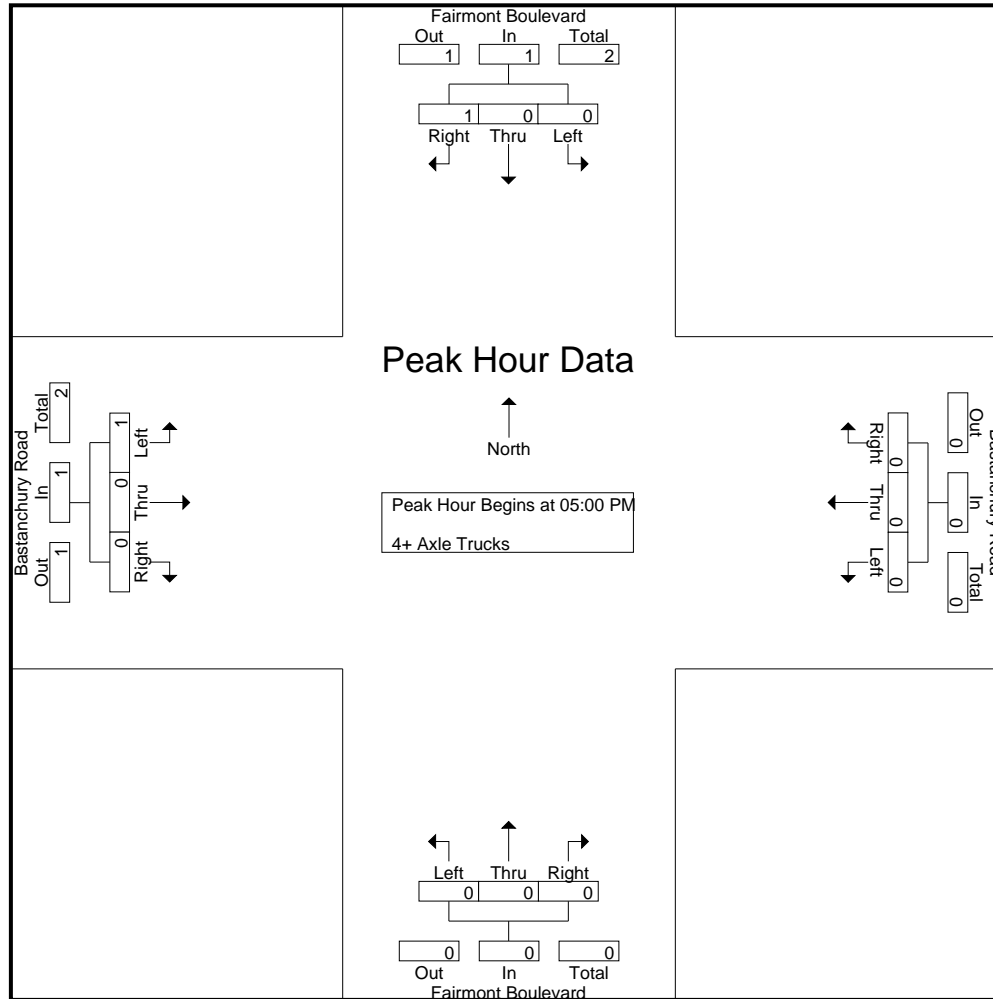
Groups Printed- 4+ Axle Trucks

Start Time	Fairmont Boulevard Southbound					Bastanchury Road Westbound					Fairmont Boulevard Northbound					Bastanchury Road Eastbound					Exclu. Total	Inclu. Total	Int. Total					
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total								
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	1	0	0	0	1	1
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	2	2	0	0	0	2	2
Grand Total	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	2	2	0	0	0	2	2
Apprch %	0	0	100			0	0	0			0	0	0			100	0	0			0	2	2			0	2	2
Total %	0	0	50		50	0	0	0		0	0	0	0		0	50	0	0		50	0	100	100			0	100	100

Start Time	Fairmont Boulevard Southbound				Bastanchury Road Westbound				Fairmont Boulevard Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	1	2
% App. Total	0	0	100		0	0	0		0	0	0		100	0	0		
PHF	.000	.000	.250	.250	.000	.000	.000	.000	.000	.000	.000	.000	.250	.000	.000	.250	.500

City of Yorba Linda
 N/S: Fairmont Boulevard
 E/W: Bastanchury Road
 Weather: Clear

File Name : 14_YLA_Fair_Bast PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Fairmont Boulevard
 E/W: Bastanchury Road
 Weather: Clear

File Name : 14_YLA_Fair_Bast PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Fairmont Boulevard Southbound				Bastanchury Road Westbound				Fairmont Boulevard Northbound				Bastanchury Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	05:00 PM				05:00 PM				05:00 PM				05:00 PM				
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
+30 mins.	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total Volume	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	1	
% App. Total	0	0	100		0	0	0		0	0	0		100	0	0		
PHF	.000	.000	.250	.250	.000	.000	.000	.000	.000	.000	.000	.000	.250	.000	.000	.250	

Location: Yorba Linda
 N/S: Fairmont Boulevard
 E/W: Bastanchury Road



Date: 3/15/2022
 Day: Tuesday

PEDESTRIANS

	North Leg Fairmont Boulevard Pedestrians	East Leg Bastanchury Road Pedestrians	South Leg Fairmont Boulevard Pedestrians	West Leg Bastanchury Road Pedestrians	
7:00 AM	0	1	1	0	2
7:15 AM	0	0	0	0	0
7:30 AM	1	0	2	4	7
7:45 AM	1	0	1	4	6
8:00 AM	0	1	0	0	1
8:15 AM	0	1	1	1	3
8:30 AM	0	2	1	1	4
8:45 AM	1	2	4	1	8
TOTAL VOLUMES:	3	7	10	11	31

	North Leg Fairmont Boulevard Pedestrians	East Leg Bastanchury Road Pedestrians	South Leg Fairmont Boulevard Pedestrians	West Leg Bastanchury Road Pedestrians	
4:00 PM	0	0	0	1	1
4:15 PM	0	0	0	0	0
4:30 PM	0	0	0	0	0
4:45 PM	0	2	4	0	6
5:00 PM	1	6	0	1	8
5:15 PM	0	1	0	0	1
5:30 PM	3	3	1	1	8
5:45 PM	5	1	1	0	7
TOTAL VOLUMES:	9	13	6	3	31

Location: Yorba Linda
 N/S: Fairmont Boulevard
 E/W: Bastanchury Road



Date: 3/15/2022
 Day: Tuesday

BICYCLES

	Southbound Fairmont Boulevard			Westbound Bastanchury Road			Northbound Fairmont Boulevard			Eastbound Bastanchury Road			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	2	0	0	0	0	0	0	0	0	0	0	2
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
8:45 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
TOTAL VOLUMES:	0	2	0	0	1	0	0	0	0	0	1	0	4

	Southbound Fairmont Boulevard			Westbound Bastanchury Road			Northbound Fairmont Boulevard			Eastbound Bastanchury Road			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
4:15 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
4:30 PM	0	0	0	0	0	1	0	0	0	0	0	0	1
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	1	1	0	0	0	0	0	0	0	2
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	1	0	1	1	1	0	1	0	0	0	0	5

City of Yorba Linda
 N/S: Fairmont Boulevard
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 15_YLA_Fair_Yorba AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

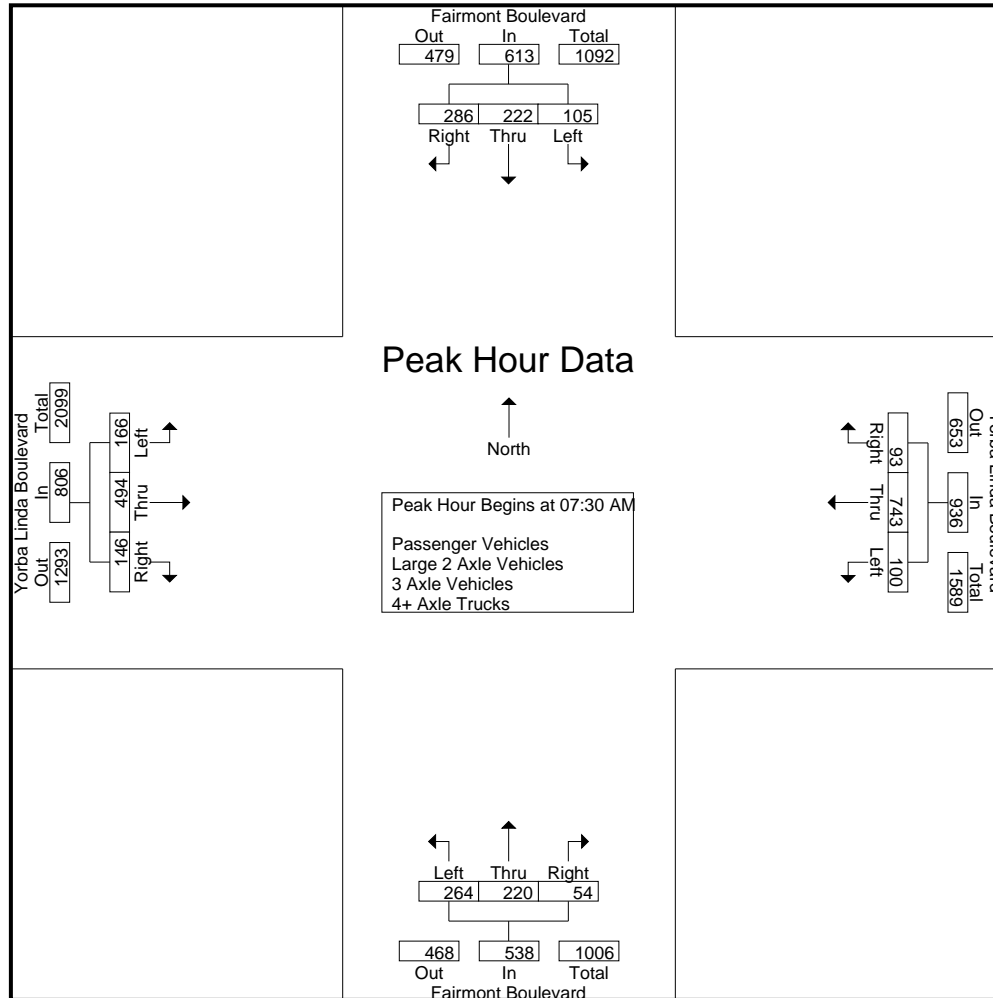
Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

Start Time	Fairmont Boulevard Southbound					Yorba Linda Boulevard Westbound					Fairmont Boulevard Northbound					Yorba Linda Boulevard Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	7	11	43	37	61	2	122	6	1	130	22	10	4	2	36	23	65	14	7	102	47	329	376
07:15 AM	10	13	50	46	73	3	116	15	4	134	36	14	5	5	55	20	65	17	1	102	56	364	420
07:30 AM	25	33	82	40	140	6	181	50	10	237	53	69	2	0	124	51	99	24	11	174	61	675	736
07:45 AM	42	63	79	32	184	19	193	35	6	247	57	51	10	0	118	47	126	42	22	215	60	764	824
Total	84	120	254	155	458	30	612	106	21	748	168	144	21	7	333	141	355	97	41	593	224	2132	2356
08:00 AM	11	73	72	53	156	45	175	4	0	224	85	45	18	0	148	36	137	48	18	221	71	749	820
08:15 AM	27	53	53	45	133	30	194	4	0	228	69	55	24	1	148	32	132	32	16	196	62	705	767
08:30 AM	19	26	34	21	79	9	195	8	1	212	75	29	19	4	123	37	136	42	5	215	31	629	660
08:45 AM	17	28	51	24	96	9	159	8	5	176	53	17	9	5	79	22	146	25	16	193	50	544	594
Total	74	180	210	143	464	93	723	24	6	840	282	146	70	10	498	127	551	147	55	825	214	2627	2841
Grand Total	158	300	464	298	922	123	1335	130	27	1588	450	290	91	17	831	268	906	244	96	1418	438	4759	5197
Apprch %	17.1	32.5	50.3			7.7	84.1	8.2			54.2	34.9	11			18.9	63.9	17.2					
Total %	3.3	6.3	9.7		19.4	2.6	28.1	2.7		33.4	9.5	6.1	1.9		17.5	5.6	19	5.1		29.8	8.4	91.6	
Passenger Vehicles	157	297	460		1210	122	1306	127		1581	445	288	89		838	259	872	243		1469	0	0	5098
% Passenger Vehicles	99.4	99	99.1	99.3	99.2	99.2	97.8	97.7	96.3	97.9	98.9	99.3	97.8	94.1	98.8	96.6	96.2	99.6	99	97	0	0	98.1
Large 2 Axle Vehicles	1	3	4		10	1	23	3		28	5	2	2		10	6	26	1		34	0	0	82
% Large 2 Axle Vehicles	0.6	1	0.9	0.7	0.8	0.8	1.7	2.3	3.7	1.7	1.1	0.7	2.2	5.9	1.2	2.2	2.9	0.4	1	2.2	0	0	1.6
3 Axle Vehicles	0	0	0		0	0	2	0		2	0	0	0		0	3	4	0		7	0	0	9
% 3 Axle Vehicles	0	0	0	0	0	0	0.1	0	0	0.1	0	0	0	0	0	1.1	0.4	0	0	0.5	0	0	0.2
4+ Axle Trucks	0	0	0		0	0	4	0		4	0	0	0		0	0	4	0		4	0	0	8
% 4+ Axle Trucks	0	0	0	0	0	0	0.3	0	0	0.2	0	0	0	0	0	0	0.4	0	0	0.3	0	0	0.2

Start Time	Fairmont Boulevard Southbound				Yorba Linda Boulevard Westbound				Fairmont Boulevard Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	25	33	82	140	6	181	50	237	53	69	2	124	51	99	24	174	675
07:45 AM	42	63	79	184	19	193	35	247	57	51	10	118	47	126	42	215	764
08:00 AM	11	73	72	156	45	175	4	224	85	45	18	148	36	137	48	221	749
08:15 AM	27	53	53	133	30	194	4	228	69	55	24	148	32	132	32	196	767
Total Volume	105	222	286	613	100	743	93	936	264	220	54	538	166	494	146	806	2893
% App. Total	17.1	36.2	46.7		10.7	79.4	9.9		49.1	40.9	10		20.6	61.3	18.1		
PHF	.625	.760	.872	.833	.556	.957	.465	.947	.776	.797	.563	.909	.814	.901	.760	.912	.947

City of Yorba Linda
 N/S: Fairmont Boulevard
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 15_YLA_Fair_Yorba AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Fairmont Boulevard
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 15_YLA_Fair_Yorba AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Fairmont Boulevard Southbound				Yorba Linda Boulevard Westbound				Fairmont Boulevard Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:30 AM				07:30 AM				07:30 AM				07:45 AM				
+0 mins.	25	33	82	140	6	181	50	237	53	69	2	124	47	126	42	215	
+15 mins.	42	63	79	184	19	193	35	247	57	51	10	118	36	137	48	221	
+30 mins.	11	73	72	156	45	175	4	224	85	45	18	148	32	132	32	196	
+45 mins.	27	53	53	133	30	194	4	228	69	55	24	148	37	136	42	215	
Total Volume	105	222	286	613	100	743	93	936	264	220	54	538	152	531	164	847	
% App. Total	17.1	36.2	46.7		10.7	79.4	9.9		49.1	40.9	10		17.9	62.7	19.4		
PHF	.625	.760	.872	.833	.556	.957	.465	.947	.776	.797	.563	.909	.809	.969	.854	.958	

City of Yorba Linda
 N/S: Fairmont Boulevard
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 15_YLA_Fair_Yorba AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

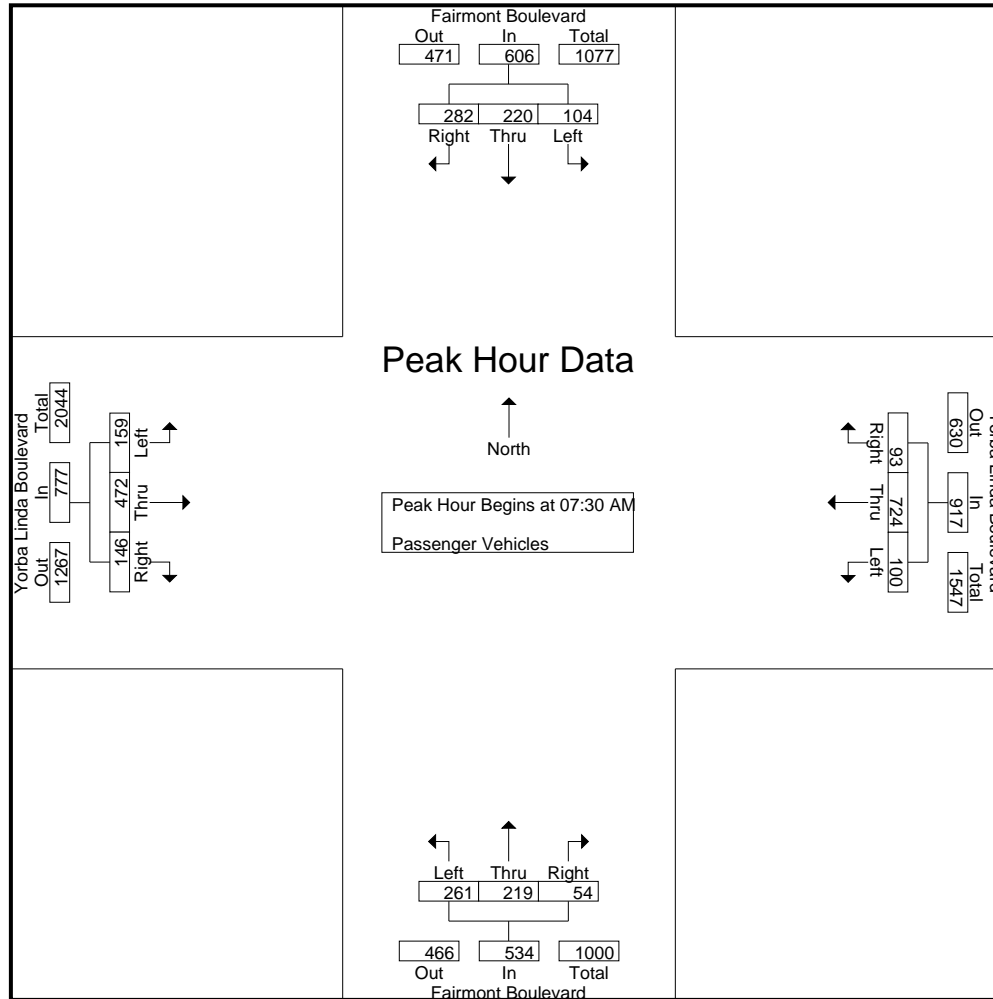
Groups Printed- Passenger Vehicles

Start Time	Fairmont Boulevard Southbound					Yorba Linda Boulevard Westbound					Fairmont Boulevard Northbound					Yorba Linda Boulevard Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	7	11	43	37	61	2	120	6	1	128	22	10	3	2	35	21	61	14	7	96	47	320	367
07:15 AM	10	12	50	46	72	3	115	12	3	130	36	13	4	4	53	20	64	17	1	101	54	356	410
07:30 AM	25	31	82	40	138	6	176	50	10	232	53	69	2	0	124	48	95	24	11	167	61	661	722
07:45 AM	42	63	78	32	183	19	189	35	6	243	56	51	10	0	117	45	123	42	22	210	60	753	813
Total	84	117	253	155	454	30	600	103	20	733	167	143	19	6	329	134	343	97	41	574	222	2090	2312
08:00 AM	10	73	72	53	155	45	172	4	0	221	83	44	18	0	145	34	129	48	18	211	71	732	803
08:15 AM	27	53	50	43	130	30	187	4	0	221	69	55	24	1	148	32	125	32	16	189	60	688	748
08:30 AM	19	26	34	21	79	9	191	8	1	208	75	29	19	4	123	37	132	42	5	211	31	621	652
08:45 AM	17	28	51	24	96	8	156	8	5	172	51	17	9	5	77	22	143	24	15	189	49	534	583
Total	73	180	207	141	460	92	706	24	6	822	278	145	70	10	493	125	529	146	54	800	211	2575	2786
Grand Total	157	297	460	296	914	122	1306	127	26	1555	445	288	89	16	822	259	872	243	95	1374	433	4665	5098
Apprch %	17.2	32.5	50.3			7.8	84	8.2			54.1	35	10.8			18.9	63.5	17.7					
Total %	3.4	6.4	9.9		19.6	2.6	28	2.7		33.3	9.5	6.2	1.9		17.6	5.6	18.7	5.2		29.5	8.5	91.5	

Start Time	Fairmont Boulevard Southbound				Yorba Linda Boulevard Westbound				Fairmont Boulevard Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	25	31	82	138	6	176	50	232	53	69	2	124	48	95	24	167	661
07:45 AM	42	63	78	183	19	189	35	243	56	51	10	117	45	123	42	210	753
08:00 AM	10	73	72	155	45	172	4	221	83	44	18	145	34	129	48	211	732
08:15 AM	27	53	50	130	30	187	4	221	69	55	24	148	32	125	32	189	688
Total Volume	104	220	282	606	100	724	93	917	261	219	54	534	159	472	146	777	2834
% App. Total	17.2	36.3	46.5		10.9	79	10.1		48.9	41	10.1		20.5	60.7	18.8		
PHF	.619	.753	.860	.828	.556	.958	.465	.943	.786	.793	.563	.902	.828	.915	.760	.921	.941

City of Yorba Linda
 N/S: Fairmont Boulevard
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 15_YLA_Fair_Yorba AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Fairmont Boulevard
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 15_YLA_Fair_Yorba AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Fairmont Boulevard Southbound				Yorba Linda Boulevard Westbound				Fairmont Boulevard Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:30 AM				07:30 AM				07:30 AM				07:30 AM				
+0 mins.	25	31	82	138	6	176	50	232	53	69	2	124	48	95	24	167	
+15 mins.	42	63	78	183	19	189	35	243	56	51	10	117	45	123	42	210	
+30 mins.	10	73	72	155	45	172	4	221	83	44	18	145	34	129	48	211	
+45 mins.	27	53	50	130	30	187	4	221	69	55	24	148	32	125	32	189	
Total Volume	104	220	282	606	100	724	93	917	261	219	54	534	159	472	146	777	
% App. Total	17.2	36.3	46.5		10.9	79	10.1		48.9	41	10.1		20.5	60.7	18.8		
PHF	.619	.753	.860	.828	.556	.958	.465	.943	.786	.793	.563	.902	.828	.915	.760	.921	

City of Yorba Linda
 N/S: Fairmont Boulevard
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 15_YLA_Fair_Yorba AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

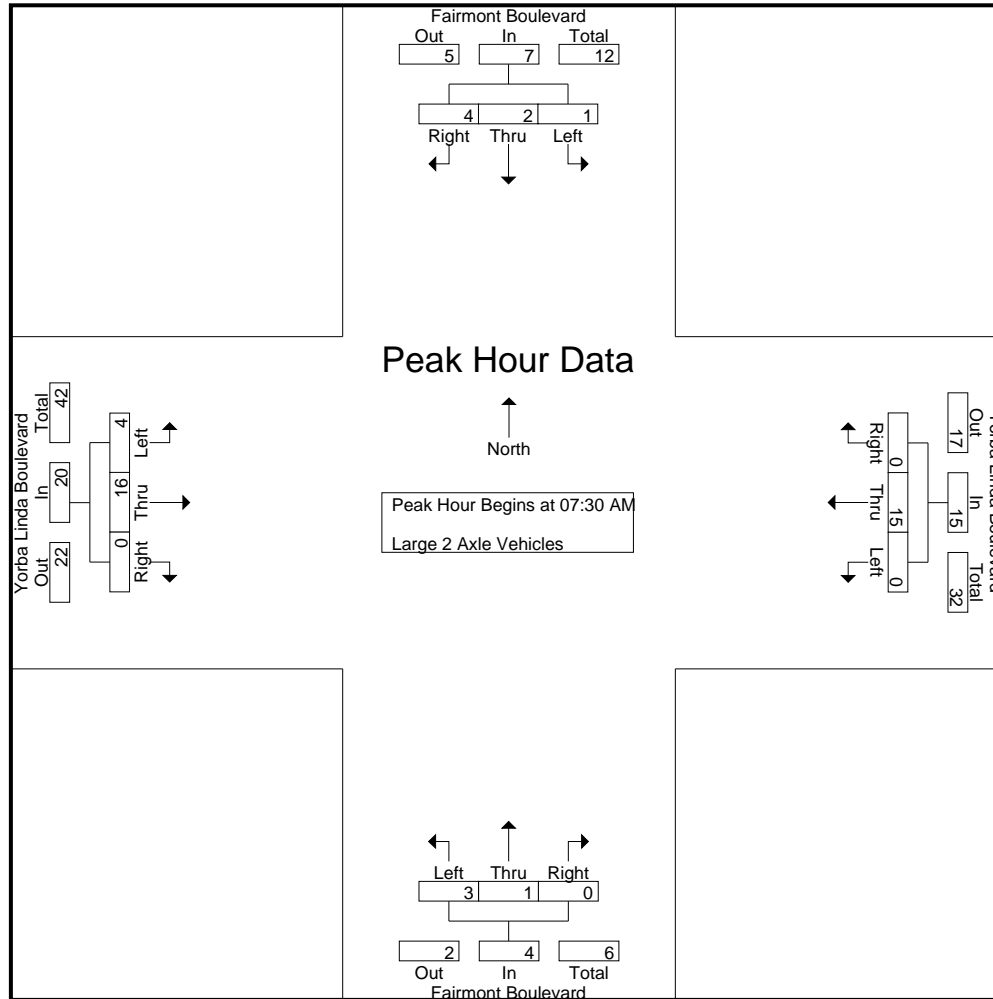
Groups Printed- Large 2 Axle Vehicles

Start Time	Fairmont Boulevard Southbound					Yorba Linda Boulevard Westbound					Fairmont Boulevard Northbound					Yorba Linda Boulevard Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	0	0	0	0	0	0	2	0	0	2	0	0	1	0	1	2	3	0	0	5	0	8	8
07:15 AM	0	1	0	0	1	0	1	3	1	4	0	1	1	1	2	0	1	0	0	1	2	8	10
07:30 AM	0	2	0	0	2	0	5	0	0	5	0	0	0	0	0	1	3	0	0	4	0	11	11
07:45 AM	0	0	1	0	1	0	2	0	0	2	1	0	0	0	1	1	2	0	0	3	0	7	7
Total	0	3	1	0	4	0	10	3	1	13	1	1	2	1	4	4	9	0	0	13	2	34	36
08:00 AM	1	0	0	0	1	0	3	0	0	3	2	1	0	0	3	2	5	0	0	7	0	14	14
08:15 AM	0	0	3	2	3	0	5	0	0	5	0	0	0	0	0	0	6	0	0	6	2	14	16
08:30 AM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	4	0	0	4	0	7	7
08:45 AM	0	0	0	0	0	1	2	0	0	3	2	0	0	0	2	0	2	1	1	3	1	8	9
Total	1	0	3	2	4	1	13	0	0	14	4	1	0	0	5	2	17	1	1	20	3	43	46
Grand Total	1	3	4	2	8	1	23	3	1	27	5	2	2	1	9	6	26	1	1	33	5	77	82
Apprch %	12.5	37.5	50			3.7	85.2	11.1			55.6	22.2	22.2			18.2	78.8	3					
Total %	1.3	3.9	5.2		10.4	1.3	29.9	3.9		35.1	6.5	2.6	2.6		11.7	7.8	33.8	1.3		42.9	6.1	93.9	

Start Time	Fairmont Boulevard Southbound				Yorba Linda Boulevard Westbound				Fairmont Boulevard Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	2	0	2	0	5	0	5	0	0	0	0	1	3	0	4	11
07:45 AM	0	0	1	1	0	2	0	2	1	0	0	1	1	2	0	3	7
08:00 AM	1	0	0	1	0	3	0	3	2	1	0	3	2	5	0	7	14
08:15 AM	0	0	3	3	0	5	0	5	0	0	0	0	0	6	0	6	14
Total Volume	1	2	4	7	0	15	0	15	3	1	0	4	4	16	0	20	46
% App. Total	14.3	28.6	57.1		0	100	0		75	25	0		20	80	0		
PHF	.250	.250	.333	.583	.000	.750	.000	.750	.375	.250	.000	.333	.500	.667	.000	.714	.821

City of Yorba Linda
 N/S: Fairmont Boulevard
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 15_YLA_Fair_Yorba AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Fairmont Boulevard
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 15_YLA_Fair_Yorba AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Fairmont Boulevard Southbound				Yorba Linda Boulevard Westbound				Fairmont Boulevard Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:30 AM				07:30 AM				07:30 AM				07:30 AM				
+0 mins.	0	2	0	2	0	5	0	5	0	0	0	0	1	3	0	4	
+15 mins.	0	0	1	1	0	2	0	2	1	0	0	1	1	2	0	3	
+30 mins.	1	0	0	1	0	3	0	3	2	1	0	3	2	5	0	7	
+45 mins.	0	0	3	3	0	5	0	5	0	0	0	0	0	6	0	6	
Total Volume	1	2	4	7	0	15	0	15	3	1	0	4	4	16	0	20	
% App. Total	14.3	28.6	57.1		0	100	0		75	25	0		20	80	0		
PHF	.250	.250	.333	.583	.000	.750	.000	.750	.375	.250	.000	.333	.500	.667	.000	.714	

City of Yorba Linda
 N/S: Fairmont Boulevard
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 15_YLA_Fair_Yorba AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

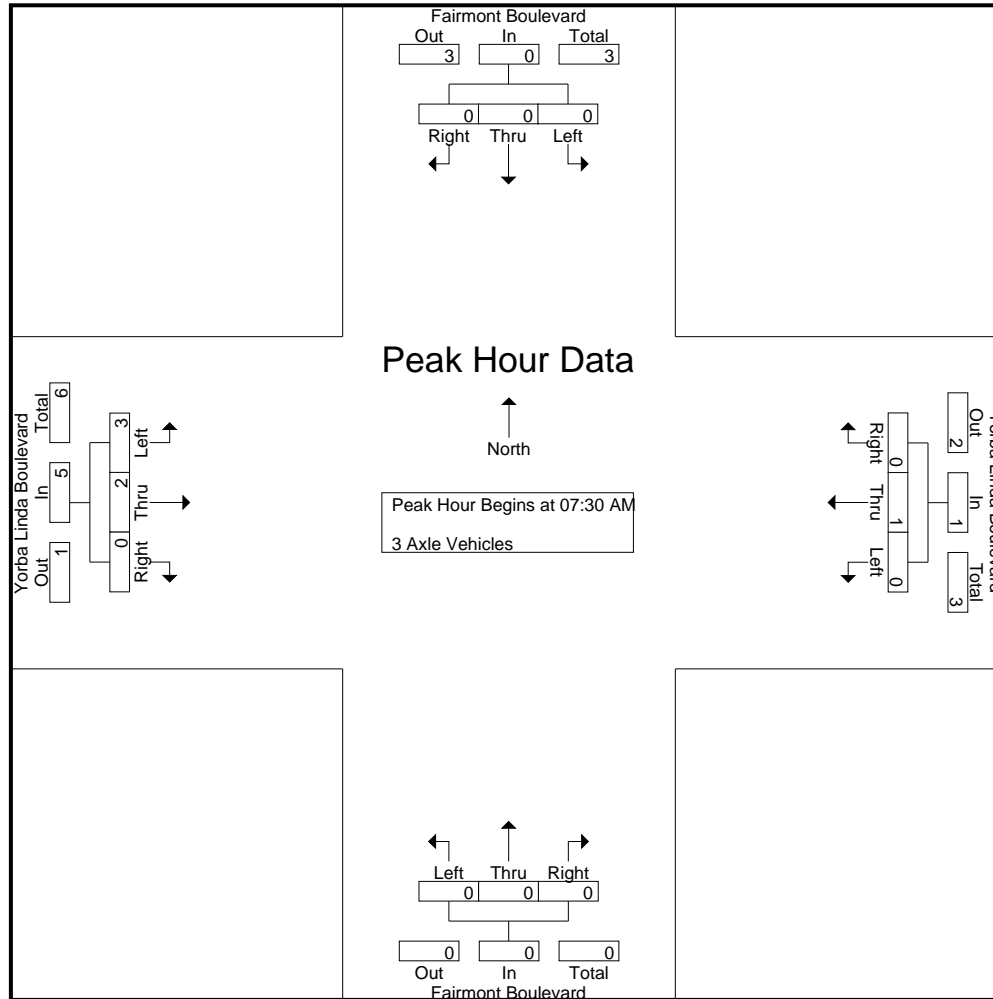
Groups Printed- 3 Axle Vehicles

Start Time	Fairmont Boulevard Southbound					Yorba Linda Boulevard Westbound					Fairmont Boulevard Northbound					Yorba Linda Boulevard Eastbound					Exclu. Total	Inclu. Total	Int. Total					
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total								
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	1
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	3	0	0	0	0	0	3	3	3
07:45 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	2	2	2
Total	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	3	2	0	0	5	0	0	0	0	0	6	6	6
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	1	1
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2	2	2
Total	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	3	3	3
Grand Total	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	3	4	0	0	7	0	0	0	0	0	9	9	9
Apprch %	0	0	0			0	100	0			0	0	0			42.9	57.1	0										
Total %	0	0	0			0	22.2	0		22.2	0	0	0			33.3	44.4	0		77.8	0	0	0		0	100		

Start Time	Fairmont Boulevard Southbound				Yorba Linda Boulevard Westbound				Fairmont Boulevard Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	3	3
07:45 AM	0	0	0	0	0	1	0	1	0	0	0	0	1	0	0	1	2
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Total Volume	0	0	0	0	0	1	0	1	0	0	0	0	3	2	0	5	6
% App. Total	0	0	0		0	100	0		0	0	0		60	40	0		
PHF	.000	.000	.000	.000	.000	.250	.000	.250	.000	.000	.000	.000	.375	.500	.000	.417	.500

City of Yorba Linda
 N/S: Fairmont Boulevard
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 15_YLA_Fair_Yorba AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Fairmont Boulevard
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 15_YLA_Fair_Yorba AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Fairmont Boulevard Southbound				Yorba Linda Boulevard Westbound				Fairmont Boulevard Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:30 AM				07:30 AM				07:30 AM				07:30 AM				
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	3	
+15 mins.	0	0	0	0	0	1	0	1	0	0	0	0	1	0	0	1	
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
Total Volume	0	0	0	0	0	1	0	1	0	0	0	0	3	2	0	5	
% App. Total	0	0	0	0	0	100	0	0	0	0	0	0	60	40	0	0	
PHF	.000	.000	.000	.000	.000	.250	.000	.250	.000	.000	.000	.000	.375	.500	.000	.417	

City of Yorba Linda
 N/S: Fairmont Boulevard
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 15_YLA_Fair_Yorba AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

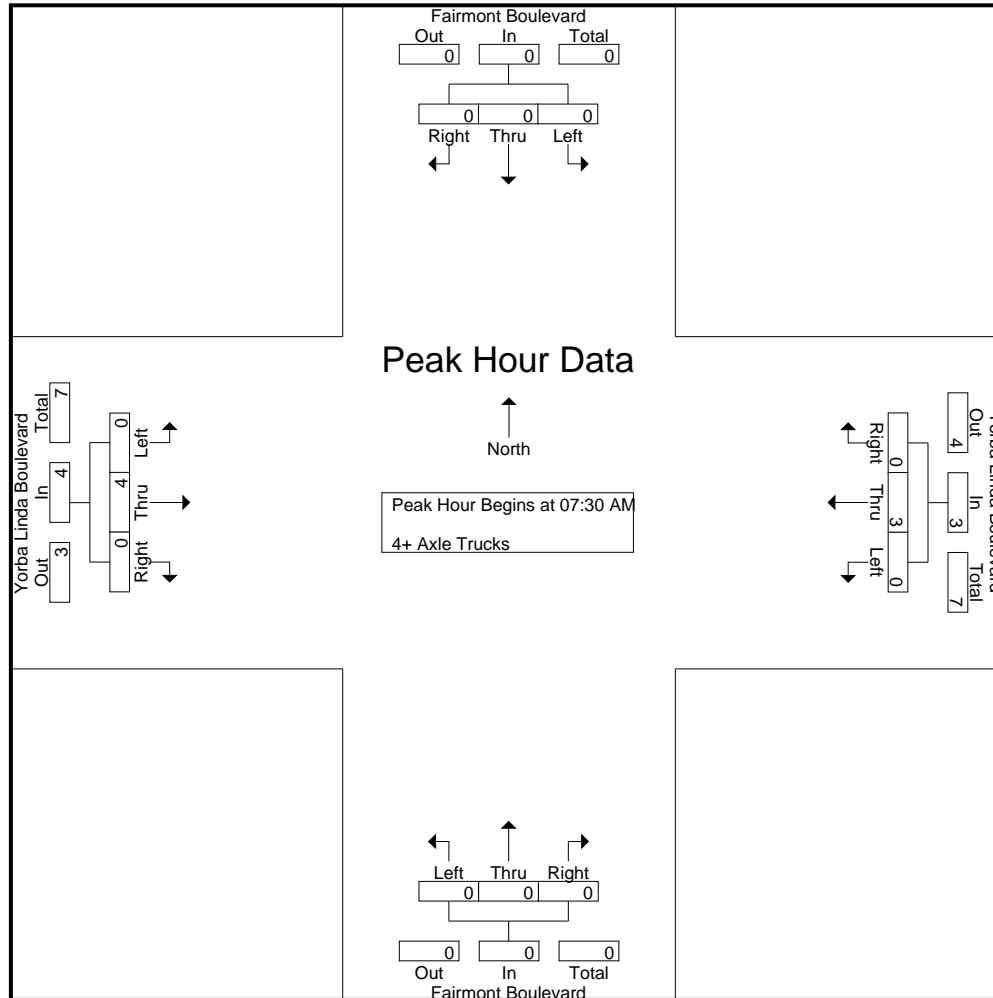
Groups Printed- 4+ Axle Trucks

Start Time	Fairmont Boulevard Southbound					Yorba Linda Boulevard Westbound					Fairmont Boulevard Northbound					Yorba Linda Boulevard Eastbound					Exclu. Total	Inclu. Total	Int. Total					
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total								
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1	0	2	2
Total	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1	0	2	2
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	3	0	3	3
08:15 AM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
08:30 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	3	0	0	3	0	0	0	0	3	0	6	6
Grand Total	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	4	0	0	4	0	0	0	0	4	0	8	8
Apprch %	0	0	0			0	100	0			0	0	0			0	100	0			0	0	0			0	0	0
Total %	0	0	0			0	50	0		50	0	0	0		0	0	50	0		50	0	0	0		100	0	100	

Start Time	Fairmont Boulevard Southbound				Yorba Linda Boulevard Westbound				Fairmont Boulevard Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1	2
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3	3
08:15 AM	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2
Total Volume	0	0	0	0	0	3	0	3	0	0	0	0	0	4	0	4	7
% App. Total	0	0	0		0	100	0		0	0	0		0	100	0		
PHF	.000	.000	.000	.000	.000	.375	.000	.375	.000	.000	.000	.000	.000	.333	.000	.333	.583

City of Yorba Linda
 N/S: Fairmont Boulevard
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 15_YLA_Fair_Yorba AM
 Site Code : 05122223
 Start Date : 3/15/2022
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City of Yorba Linda
 N/S: Fairmont Boulevard
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 15_YLA_Fair_Yorba AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Fairmont Boulevard Southbound				Yorba Linda Boulevard Westbound				Fairmont Boulevard Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:30 AM				07:30 AM				07:30 AM				07:30 AM				
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1	1
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3	3
+45 mins.	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	3	0	3	0	0	0	0	0	4	0	4	4
% App. Total	0	0	0	0	0	100	0	100	0	0	0	0	0	100	0	100	100
PHF	.000	.000	.000	.000	.000	.375	.000	.375	.000	.000	.000	.000	.000	.333	.000	.333	.333

City of Yorba Linda
 N/S: Fairmont Boulevard
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 15_YLA_Fair_Yorba PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

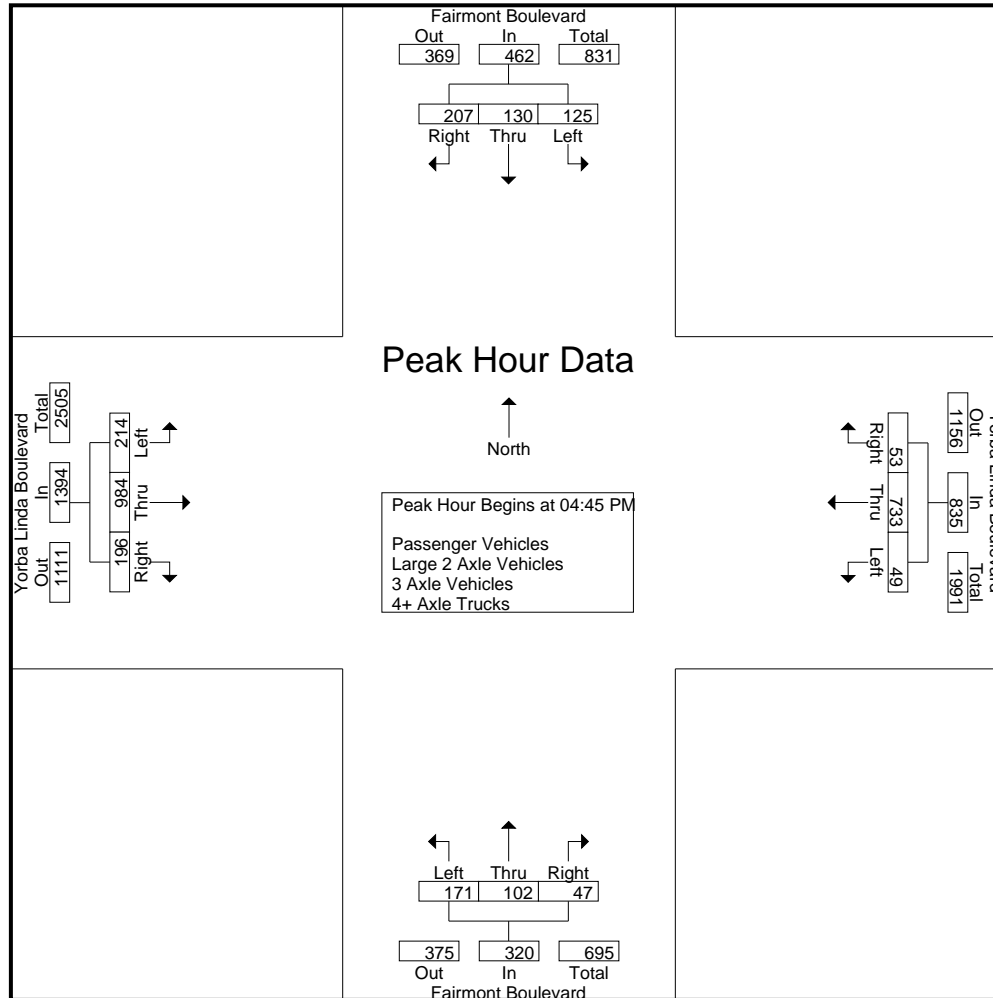
Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

Start Time	Fairmont Boulevard Southbound					Yorba Linda Boulevard Westbound					Fairmont Boulevard Northbound					Yorba Linda Boulevard Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	30	41	50	32	121	7	204	19	3	230	30	16	14	7	60	57	229	43	8	329	50	740	790
04:15 PM	26	28	40	16	94	3	175	7	2	185	60	18	20	11	98	50	241	53	12	344	41	721	762
04:30 PM	29	36	41	19	106	16	160	15	4	191	47	14	9	9	70	55	251	46	7	352	39	719	758
04:45 PM	29	35	42	20	106	11	179	13	6	203	38	27	9	2	74	50	231	58	15	339	43	722	765
Total	114	140	173	87	427	37	718	54	15	809	175	75	52	29	302	212	952	200	42	1364	173	2902	3075
05:00 PM	35	24	58	31	117	14	174	19	4	207	39	23	13	5	75	55	256	55	13	366	53	765	818
05:15 PM	29	38	49	27	116	12	183	11	3	206	56	24	13	7	93	51	230	44	8	325	45	740	785
05:30 PM	32	33	58	34	123	12	197	10	4	219	38	28	12	7	78	58	267	39	7	364	52	784	836
05:45 PM	32	31	45	20	108	7	166	14	2	187	55	28	7	0	90	50	237	44	14	331	36	716	752
Total	128	126	210	112	464	45	720	54	13	819	188	103	45	19	336	214	990	182	42	1386	186	3005	3191
Grand Total	242	266	383	199	891	82	1438	108	28	1628	363	178	97	48	638	426	1942	382	84	2750	359	5907	6266
Apprch %	27.2	29.9	43			5	88.3	6.6			56.9	27.9	15.2			15.5	70.6	13.9					
Total %	4.1	4.5	6.5		15.1	1.4	24.3	1.8		27.6	6.1	3	1.6		10.8	7.2	32.9	6.5		46.6	5.7	94.3	
Passenger Vehicles	239	265	380		1082	82	1432	108		1650	362	178	97		685	422	1938	380		2823	0	0	6240
% Passenger Vehicles	98.8	99.6	99.2	99.5	99.3	100	99.6	100	100	99.6	99.7	100	100	100	99.9	99.1	99.8	99.5	98.8	99.6	0	0	99.6
Large 2 Axle Vehicles	3	1	2		6	0	3	0		3	1	0	0		1	4	3	2		10	0	0	20
% Large 2 Axle Vehicles	1.2	0.4	0.5	0	0.6	0	0.2	0	0	0.2	0.3	0	0	0	0.1	0.9	0.2	0.5	1.2	0.4	0	0	0.3
3 Axle Vehicles	0	0	1		2	0	1	0		1	0	0	0		0	0	1	0		1	0	0	4
% 3 Axle Vehicles	0	0	0.3	0.5	0.2	0	0.1	0	0	0.1	0	0	0	0	0	0	0.1	0	0	0	0	0	0.1
4+ Axle Trucks	0	0	0		0	0	2	0		2	0	0	0		0	0	0	0		0	0	0	2
% 4+ Axle Trucks	0	0	0	0	0	0	0.1	0	0	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0

Start Time	Fairmont Boulevard Southbound				Yorba Linda Boulevard Westbound				Fairmont Boulevard Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	29	35	42	106	11	179	13	203	38	27	9	74	50	231	58	339	722
05:00 PM	35	24	58	117	14	174	19	207	39	23	13	75	55	256	55	366	765
05:15 PM	29	38	49	116	12	183	11	206	56	24	13	93	51	230	44	325	740
05:30 PM	32	33	58	123	12	197	10	219	38	28	12	78	58	267	39	364	784
Total Volume	125	130	207	462	49	733	53	835	171	102	47	320	214	984	196	1394	3011
% App. Total	27.1	28.1	44.8		5.9	87.8	6.3		53.4	31.9	14.7		15.4	70.6	14.1		
PHF	.893	.855	.892	.939	.875	.930	.697	.953	.763	.911	.904	.860	.922	.921	.845	.952	.960

City of Yorba Linda
 N/S: Fairmont Boulevard
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 15_YLA_Fair_Yorba PM
 Site Code : 05122223
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City of Yorba Linda
 N/S: Fairmont Boulevard
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 15_YLA_Fair_Yorba PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Fairmont Boulevard Southbound				Yorba Linda Boulevard Westbound				Fairmont Boulevard Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	05:00 PM				04:45 PM				05:00 PM				04:15 PM				
+0 mins.	35	24	58	117	11	179	13	203	39	23	13	75	50	241	53	344	
+15 mins.	29	38	49	116	14	174	19	207	56	24	13	93	55	251	46	352	
+30 mins.	32	33	58	123	12	183	11	206	38	28	12	78	50	231	58	339	
+45 mins.	32	31	45	108	12	197	10	219	55	28	7	90	55	256	55	366	
Total Volume	128	126	210	464	49	733	53	835	188	103	45	336	210	979	212	1401	
% App. Total	27.6	27.2	45.3		5.9	87.8	6.3		56	30.7	13.4		15	69.9	15.1		
PHF	.914	.829	.905	.943	.875	.930	.697	.953	.839	.920	.865	.903	.955	.956	.914	.957	

City of Yorba Linda
 N/S: Fairmont Boulevard
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 15_YLA_Fair_Yorba PM
 Site Code : 05122223
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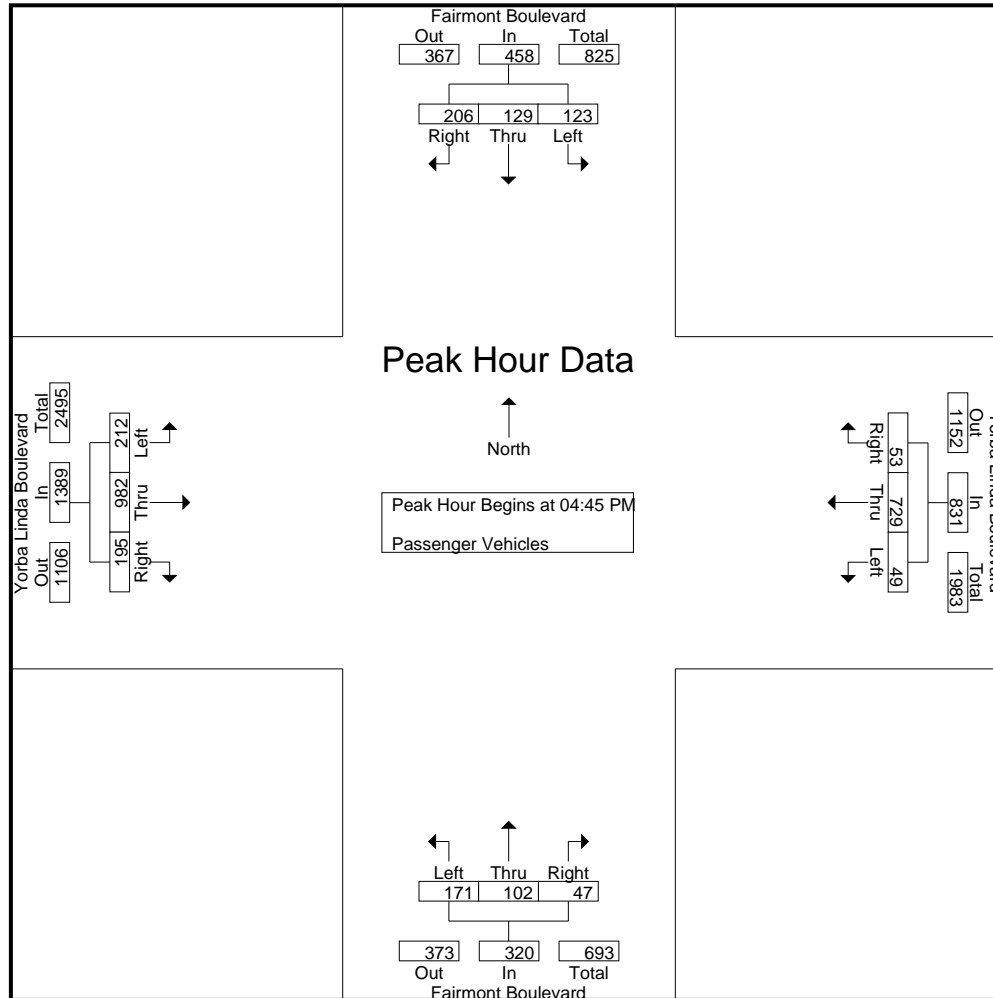
Groups Printed- Passenger Vehicles

Start Time	Fairmont Boulevard Southbound					Yorba Linda Boulevard Westbound					Fairmont Boulevard Northbound					Yorba Linda Boulevard Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	29	41	48	31	118	7	204	19	3	230	29	16	14	7	59	57	228	42	7	327	48	734	782
04:15 PM	26	28	40	16	94	3	174	7	2	184	60	18	20	11	98	49	241	53	12	343	41	719	760
04:30 PM	29	36	41	19	106	16	159	15	4	190	47	14	9	9	70	55	251	46	7	352	39	718	757
04:45 PM	29	35	42	20	106	11	179	13	6	203	38	27	9	2	74	50	231	58	15	339	43	722	765
Total	113	140	171	86	424	37	716	54	15	807	174	75	52	29	301	211	951	199	41	1361	171	2893	3064
05:00 PM	34	24	58	31	116	14	171	19	4	204	39	23	13	5	75	54	256	55	13	365	53	760	813
05:15 PM	29	37	49	27	115	12	182	11	3	205	56	24	13	7	93	50	229	43	8	322	45	735	780
05:30 PM	31	33	57	34	121	12	197	10	4	219	38	28	12	7	78	58	266	39	7	363	52	781	833
05:45 PM	32	31	45	20	108	7	166	14	2	187	55	28	7	0	90	49	236	44	14	329	36	714	750
Total	126	125	209	112	460	45	716	54	13	815	188	103	45	19	336	211	987	181	42	1379	186	2990	3176
Grand Total	239	265	380	198	884	82	1432	108	28	1622	362	178	97	48	637	422	1938	380	83	2740	357	5883	6240
Apprch %	27	30	43			5.1	88.3	6.7			56.8	27.9	15.2			15.4	70.7	13.9					
Total %	4.1	4.5	6.5		15	1.4	24.3	1.8		27.6	6.2	3	1.6		10.8	7.2	32.9	6.5		46.6	5.7	94.3	

Start Time	Fairmont Boulevard Southbound				Yorba Linda Boulevard Westbound				Fairmont Boulevard Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	29	35	42	106	11	179	13	203	38	27	9	74	50	231	58	339	722
05:00 PM	34	24	58	116	14	171	19	204	39	23	13	75	54	256	55	365	760
05:15 PM	29	37	49	115	12	182	11	205	56	24	13	93	50	229	43	322	735
05:30 PM	31	33	57	121	12	197	10	219	38	28	12	78	58	266	39	363	781
Total Volume	123	129	206	458	49	729	53	831	171	102	47	320	212	982	195	1389	2998
% App. Total	26.9	28.2	45		5.9	87.7	6.4		53.4	31.9	14.7		15.3	70.7	14		
PHF	.904	.872	.888	.946	.875	.925	.697	.949	.763	.911	.904	.860	.914	.923	.841	.951	.960

City of Yorba Linda
 N/S: Fairmont Boulevard
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 15_YLA_Fair_Yorba PM
 Site Code : 05122223
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City of Yorba Linda
 N/S: Fairmont Boulevard
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 15_YLA_Fair_Yorba PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Fairmont Boulevard Southbound				Yorba Linda Boulevard Westbound				Fairmont Boulevard Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:45 PM				04:45 PM				04:45 PM				04:45 PM				
+0 mins.	29	35	42	106	11	179	13	203	38	27	9	74	50	231	58	339	
+15 mins.	34	24	58	116	14	171	19	204	39	23	13	75	54	256	55	365	
+30 mins.	29	37	49	115	12	182	11	205	56	24	13	93	50	229	43	322	
+45 mins.	31	33	57	121	12	197	10	219	38	28	12	78	58	266	39	363	
Total Volume	123	129	206	458	49	729	53	831	171	102	47	320	212	982	195	1389	
% App. Total	26.9	28.2	45		5.9	87.7	6.4		53.4	31.9	14.7		15.3	70.7	14		
PHF	.904	.872	.888	.946	.875	.925	.697	.949	.763	.911	.904	.860	.914	.923	.841	.951	

City of Yorba Linda
 N/S: Fairmont Boulevard
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 15_YLA_Fair_Yorba PM
 Site Code : 05122223
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 Page No : 1

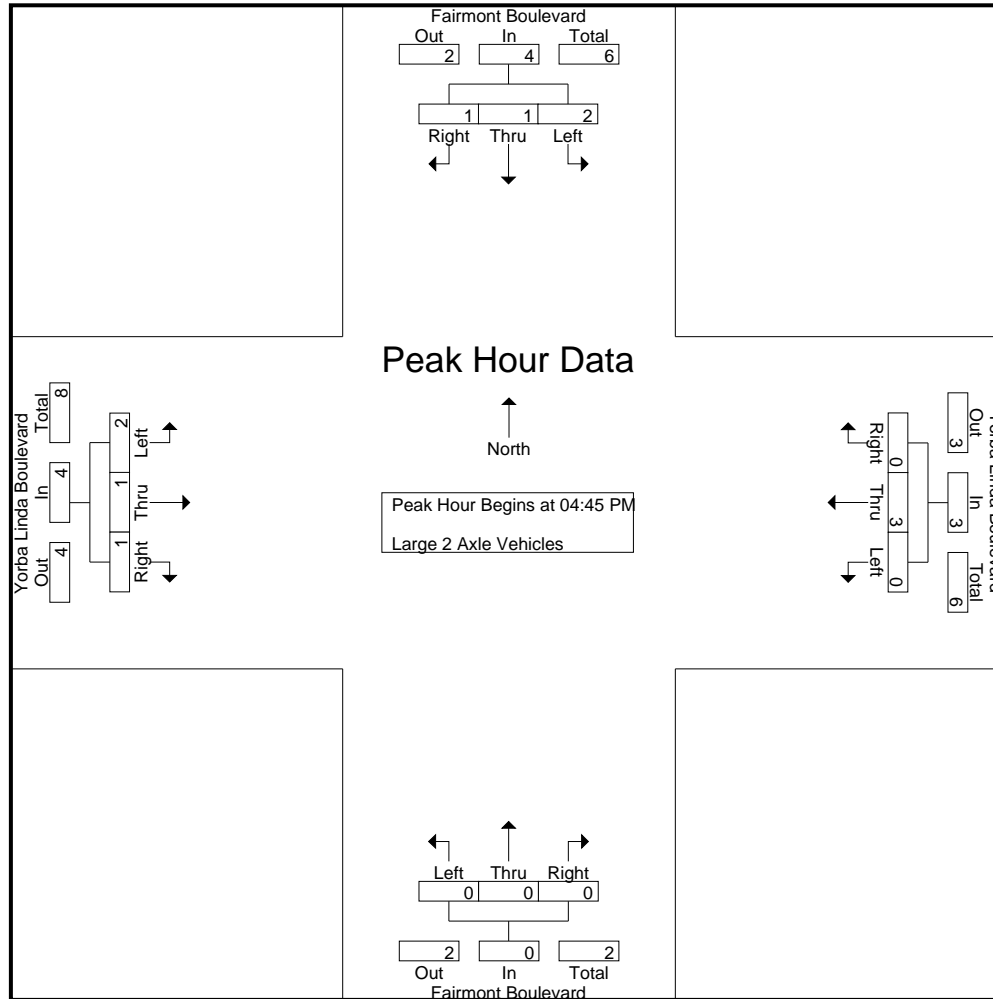
Groups Printed- Large 2 Axle Vehicles

Start Time	Fairmont Boulevard Southbound					Yorba Linda Boulevard Westbound					Fairmont Boulevard Northbound					Yorba Linda Boulevard Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	1	0	1	0	2	0	0	0	0	0	1	0	0	0	1	0	1	1	1	2	1	5	6
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	1
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	0	1	0	2	0	0	0	0	0	1	0	0	0	1	1	1	1	1	3	1	6	7
05:00 PM	1	0	0	0	1	0	3	0	0	3	0	0	0	0	0	1	0	0	0	1	0	5	5
05:15 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2	0	3	3
05:30 PM	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	3	3
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	0	2	2
Total	2	1	1	0	4	0	3	0	0	3	0	0	0	0	0	3	2	1	0	6	0	13	13
Grand Total	3	1	2	0	6	0	3	0	0	3	1	0	0	0	1	4	3	2	1	9	1	19	20
Apprch %	50	16.7	33.3			0	100	0			100	0	0			44.4	33.3	22.2					
Total %	15.8	5.3	10.5		31.6	0	15.8	0		15.8	5.3	0	0		5.3	21.1	15.8	10.5		47.4	5	95	

Start Time	Fairmont Boulevard Southbound				Yorba Linda Boulevard Westbound				Fairmont Boulevard Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00 PM	1	0	0	1	0	3	0	3	0	0	0	0	1	0	0	1	5
05:15 PM	0	1	0	1	0	0	0	0	0	0	0	0	1	0	1	2	3
05:30 PM	1	0	1	2	0	0	0	0	0	0	0	0	0	1	0	1	3
Total Volume	2	1	1	4	0	3	0	3	0	0	0	0	2	1	1	4	11
% App. Total	50	25	25		0	100	0		0	0	0		50	25	25		
PHF	.500	.250	.250	.500	.000	.250	.000	.250	.000	.000	.000	.000	.500	.250	.250	.500	.550

City of Yorba Linda
 N/S: Fairmont Boulevard
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 15_YLA_Fair_Yorba PM
 Site Code : 05122223
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City of Yorba Linda
 N/S: Fairmont Boulevard
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File Name : 15_YLA_Fair_Yorba PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Fairmont Boulevard Southbound				Yorba Linda Boulevard Westbound				Fairmont Boulevard Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:45 PM				04:45 PM				04:45 PM				04:45 PM				
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
+15 mins.	1	0	0	1	0	3	0	3	0	0	0	0	1	0	0	1	
+30 mins.	0	1	0	1	0	0	0	0	0	0	0	0	1	0	1	2	
+45 mins.	1	0	1	2	0	0	0	0	0	0	0	0	0	1	0	1	
Total Volume	2	1	1	4	0	3	0	3	0	0	0	0	2	1	1	4	
% App. Total	50	25	25		0	100	0		0	0	0		50	25	25		
PHF	.500	.250	.250	.500	.000	.250	.000	.250	.000	.000	.000	.000	.500	.250	.250	.500	

City of Yorba Linda
 N/S: Fairmont Boulevard
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 15_YLA_Fair_Yorba PM
 Site Code : 05122223
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 Page No : 1

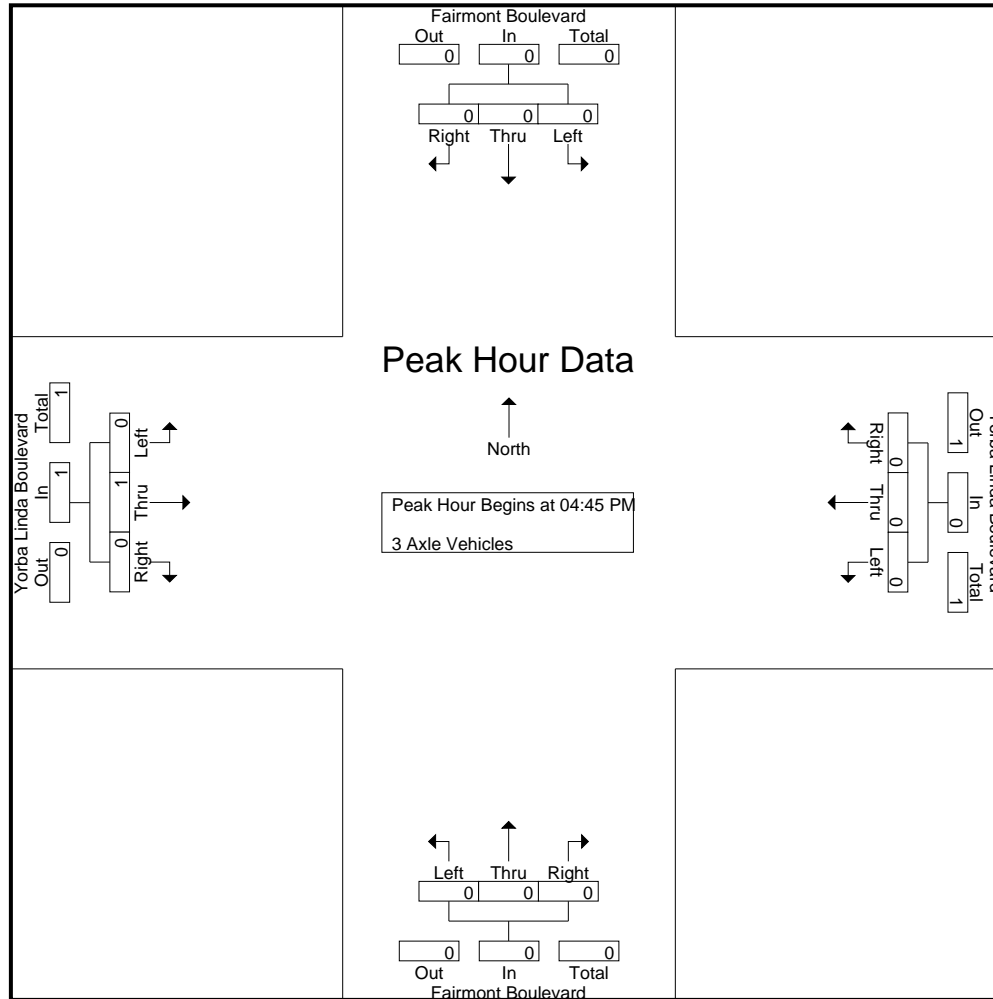
Groups Printed- 3 Axle Vehicles

Start Time	Fairmont Boulevard Southbound					Yorba Linda Boulevard Westbound					Fairmont Boulevard Northbound					Yorba Linda Boulevard Eastbound					Exclu. Total	Inclu. Total	Int. Total					
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total								
04:00 PM	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	1	1	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	1	0	1	1	
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	1	0	1	1	
Grand Total	0	0	1	1	1	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	1	3	0	4	1	3	4	
Apprch %	0	0	100			0	100	0			0	0	0			0	100	0			0	1	0	1	25	75		
Total %	0	0	33.3		33.3	0	33.3	0		33.3	0	0	0		0	0	33.3	0		33.3	25	75						

Start Time	Fairmont Boulevard Southbound				Yorba Linda Boulevard Westbound				Fairmont Boulevard Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
% App. Total	0	0	0	0	0	0	0	0	0	0	0	0	0	100	0	100	100
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.250	.000	.250	.250

City of Yorba Linda
 N/S: Fairmont Boulevard
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 15_YLA_Fair_Yorba PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Fairmont Boulevard
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 15_YLA_Fair_Yorba PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Fairmont Boulevard Southbound				Yorba Linda Boulevard Westbound				Fairmont Boulevard Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:45 PM				04:45 PM				04:45 PM				04:45 PM				
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
% App. Total	0	0	0	0	0	0	0	0	0	0	0	0	0	100	0	0	0
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.250	.000	.250	

City of Yorba Linda
 N/S: Fairmont Boulevard
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 15_YLA_Fair_Yorba PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

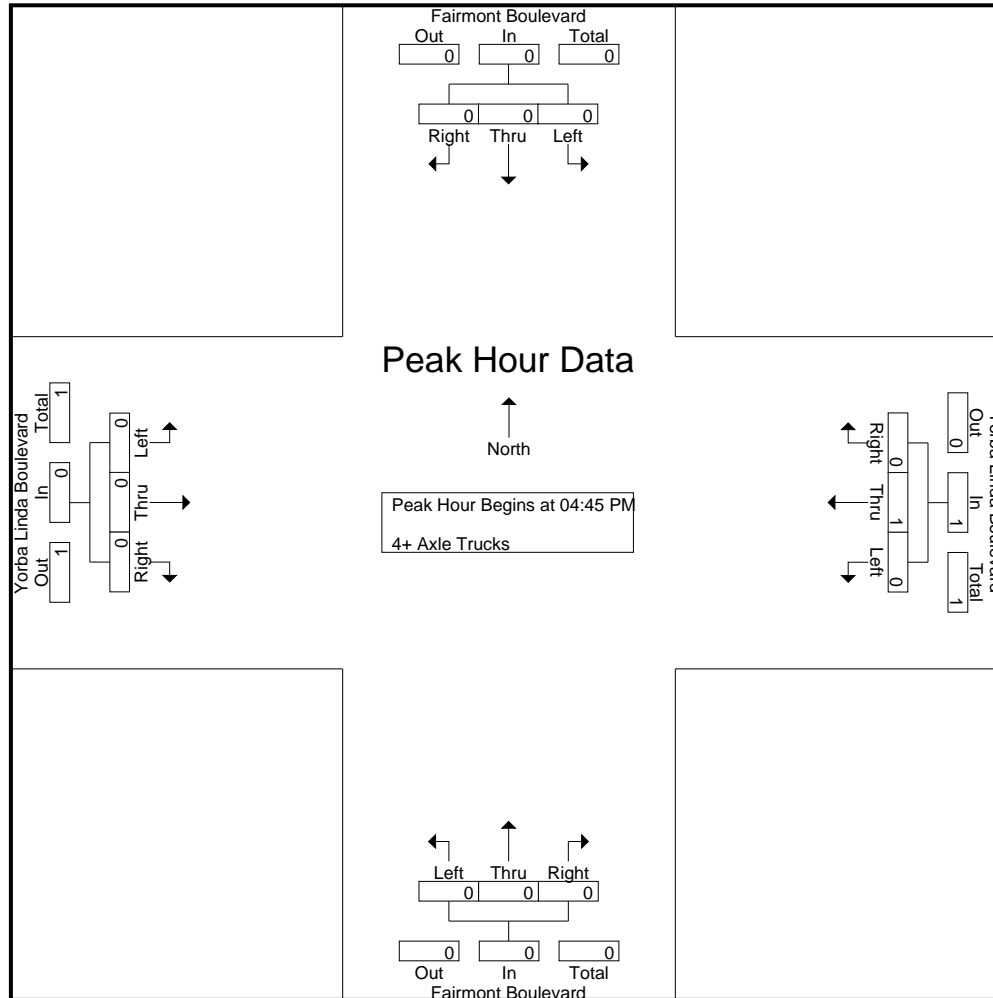
Groups Printed- 4+ Axle Trucks

Start Time	Fairmont Boulevard Southbound					Yorba Linda Boulevard Westbound					Fairmont Boulevard Northbound					Yorba Linda Boulevard Eastbound					Exclu. Total	Inclu. Total	Int. Total				
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total							
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Grand Total	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
Apprch %	0	0	0			0	100	0			0	0	0			0	0	0			0	0	0		0		
Total %	0	0	0			0	100	0		100	0	0	0			0	0	0			0	0	0		0	100	

Start Time	Fairmont Boulevard Southbound				Yorba Linda Boulevard Westbound				Fairmont Boulevard Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
% App. Total	0	0	0		0	100	0		0	0	0		0	0	0		
PHF	.000	.000	.000	.000	.000	.250	.000	.250	.000	.000	.000	.000	.000	.000	.000	.000	.250

City of Yorba Linda
 N/S: Fairmont Boulevard
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 15_YLA_Fair_Yorba PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Fairmont Boulevard
 E/W: Yorba Linda Boulevard
 Weather: Clear

File Name : 15_YLA_Fair_Yorba PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Fairmont Boulevard Southbound				Yorba Linda Boulevard Westbound				Fairmont Boulevard Northbound				Yorba Linda Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:45 PM				04:45 PM				04:45 PM				04:45 PM				
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
% App. Total	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0	0	0
PHF	.000	.000	.000	.000	.000	.250	.000	.250	.000	.000	.000	.000	.000	.000	.000	.000	.000

Location: Yorba Linda
 N/S: Fairmont Boulevard
 E/W: Yorba Linda Boulevard



Date: 3/15/2022
 Day: Tuesday

PEDESTRIANS

	North Leg Fairmont Boulevard Pedestrians	East Leg Yorba Linda Boulevard Pedestrians	South Leg Fairmont Boulevard Pedestrians	West Leg Yorba Linda Boulevard Pedestrians	
7:00 AM	0	0	1	1	2
7:15 AM	0	0	0	0	0
7:30 AM	2	1	0	1	4
7:45 AM	2	7	6	9	24
8:00 AM	23	22	27	105	177
8:15 AM	7	14	25	73	119
8:30 AM	0	2	0	1	3
8:45 AM	0	1	0	0	1
TOTAL VOLUMES:	34	47	59	190	330

	North Leg Fairmont Boulevard Pedestrians	East Leg Yorba Linda Boulevard Pedestrians	South Leg Fairmont Boulevard Pedestrians	West Leg Yorba Linda Boulevard Pedestrians	
4:00 PM	0	0	0	1	1
4:15 PM	0	0	0	1	1
4:30 PM	1	1	0	0	2
4:45 PM	2	1	0	0	3
5:00 PM	0	1	0	1	2
5:15 PM	0	0	0	0	0
5:30 PM	2	0	0	0	2
5:45 PM	1	0	0	2	3
TOTAL VOLUMES:	6	3	0	5	14

Location: Yorba Linda
 N/S: Fairmont Boulevard
 E/W: Yorba Linda Boulevard



Date: 3/15/2022
 Day: Tuesday

BICYCLES

	Southbound Fairmont Boulevard			Westbound Yorba Linda Boulevard			Northbound Fairmont Boulevard			Eastbound Yorba Linda Boulevard			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	2	0	0	0	0	0	0	0	0	2
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
TOTAL VOLUMES:	0	0	0	2	0	0	0	1	0	0	0	0	3

	Southbound Fairmont Boulevard			Westbound Yorba Linda Boulevard			Northbound Fairmont Boulevard			Eastbound Yorba Linda Boulevard			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	1	0	0	1	0	0	0	0	2
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	1	0	0	0	0	0	0	0	0	0	0	0	1
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
TOTAL VOLUMES:	1	0	0	0	2	0	0	1	0	0	1	0	5

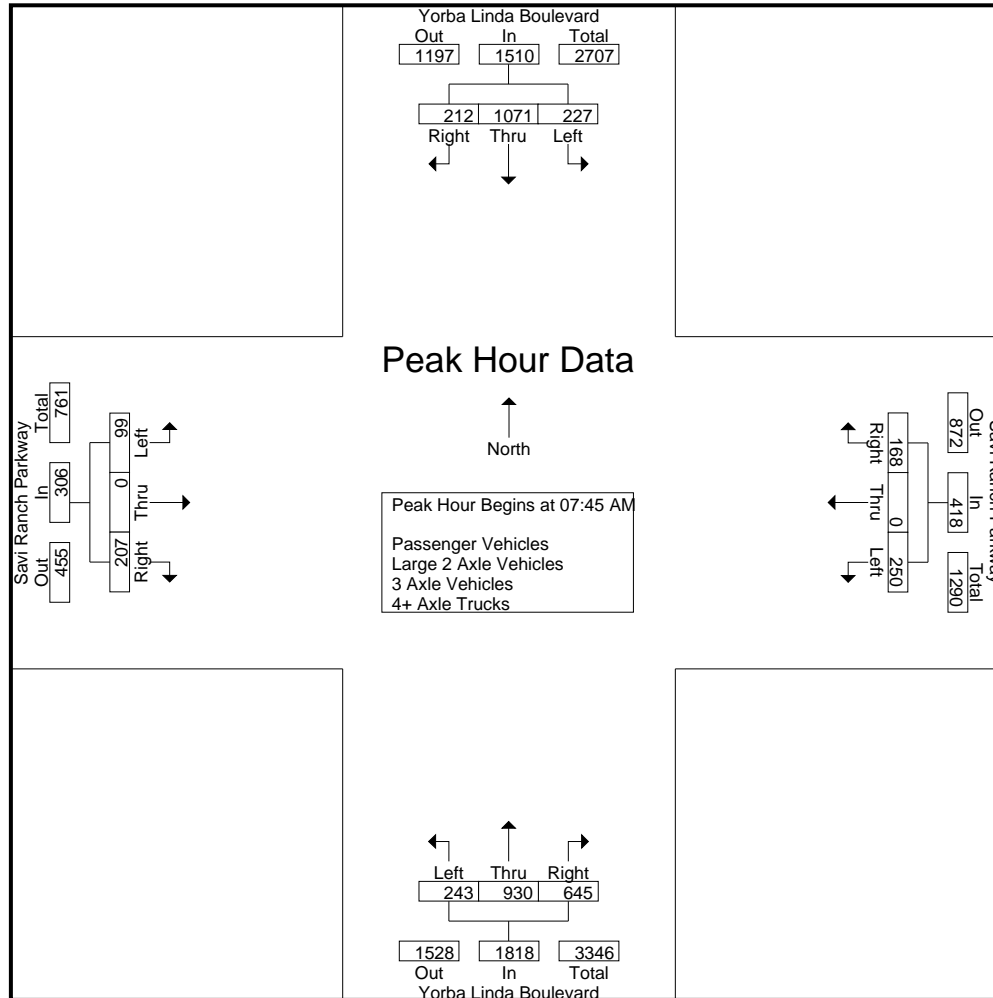
City of Yorba Linda
 N/S: Yorba Linda Boulevard
 E/W: Savi Ranch Parkway
 Weather: Clear

File Name : 16_YLA_Yorba_Savi AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

Start Time	Yorba Linda Boulevard Southbound					Savi Ranch Parkway Westbound					Yorba Linda Boulevard Northbound					Savi Ranch Parkway Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	18	192	21	6	231	36	0	23	21	59	65	150	108	0	323	8	0	42	36	50	63	663	726
07:15 AM	28	215	25	7	268	60	0	28	24	88	35	185	124	0	344	10	0	26	25	36	56	736	792
07:30 AM	41	244	41	12	326	46	0	41	31	87	36	268	111	0	415	24	0	48	37	72	80	900	980
07:45 AM	55	285	53	12	393	57	0	37	30	94	63	280	189	0	532	18	0	36	33	54	75	1073	1148
Total	142	936	140	37	1218	199	0	129	106	328	199	883	532	0	1614	60	0	152	131	212	274	3372	3646
08:00 AM	59	248	47	5	354	52	0	48	41	100	57	232	151	1	440	25	0	59	57	84	104	978	1082
08:15 AM	52	262	40	10	354	71	0	43	36	114	71	227	156	0	454	26	0	51	47	77	93	999	1092
08:30 AM	61	276	72	16	409	70	0	40	38	110	52	191	149	0	392	30	0	61	61	91	115	1002	1117
08:45 AM	72	229	64	14	365	52	0	52	48	104	61	224	176	0	461	28	0	63	60	91	122	1021	1143
Total	244	1015	223	45	1482	245	0	183	163	428	241	874	632	1	1747	109	0	234	225	343	434	4000	4434
Grand Total	386	1951	363	82	2700	444	0	312	269	756	440	1757	1164	1	3361	169	0	386	356	555	708	7372	8080
Apprch %	14.3	72.3	13.4			58.7	0	41.3			13.1	52.3	34.6			30.5	0	69.5					
Total %	5.2	26.5	4.9		36.6	6	0	4.2		10.3	6	23.8	15.8		45.6	2.3	0	5.2		7.5	8.8	91.2	
Passenger Vehicles	378	1911	359		2730	423	0	304		988	426	1686	1143		3256	164	0	372		882	0	0	7856
% Passenger Vehicles	97.9	97.9	98.9	100	98.1	95.3	0	97.4	97	96.4	96.8	96	98.2	100	96.8	97	0	96.4	97.2	96.8	0	0	97.2
Large 2 Axle Vehicles	7	28	4		39	16	0	6		28	13	40	16		69	5	0	9		21	0	0	157
% Large 2 Axle Vehicles	1.8	1.4	1.1	0	1.4	3.6	0	1.9	2.2	2.7	3	2.3	1.4	0	2.1	3	0	2.3	2	2.3	0	0	1.9
3 Axle Vehicles	0	7	0		7	1	0	0		1	0	26	3		29	0	0	0		0	0	0	37
% 3 Axle Vehicles	0	0.4	0	0	0.3	0.2	0	0	0	0.1	0	1.5	0.3	0	0.9	0	0	0	0	0	0	0	0.5
4+ Axle Trucks	1	5	0		6	4	0	2		8	1	5	2		8	0	0	5		8	0	0	30
% 4+ Axle Trucks	0.3	0.3	0	0	0.2	0.9	0	0.6	0.7	0.8	0.2	0.3	0.2	0	0.2	0	0	1.3	0.8	0.9	0	0	0.4

Start Time	Yorba Linda Boulevard Southbound				Savi Ranch Parkway Westbound				Yorba Linda Boulevard Northbound				Savi Ranch Parkway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	55	285	53	393	57	0	37	94	63	280	189	532	18	0	36	54	1073
08:00 AM	59	248	47	354	52	0	48	100	57	232	151	440	25	0	59	84	978
08:15 AM	52	262	40	354	71	0	43	114	71	227	156	454	26	0	51	77	999
08:30 AM	61	276	72	409	70	0	40	110	52	191	149	392	30	0	61	91	1002
Total Volume	227	1071	212	1510	250	0	168	418	243	930	645	1818	99	0	207	306	4052
% App. Total	15	70.9	14		59.8	0	40.2		13.4	51.2	35.5		32.4	0	67.6		
PHF	.930	.939	.736	.923	.880	.000	.875	.917	.856	.830	.853	.854	.825	.000	.848	.841	.944



City of Yorba Linda
 N/S: Yorba Linda Boulevard
 E/W: Savi Ranch Parkway
 Weather: Clear

File Name : 16_YLA_Yorba_Savi AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Yorba Linda Boulevard Southbound				Savi Ranch Parkway Westbound				Yorba Linda Boulevard Northbound				Savi Ranch Parkway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:45 AM				08:00 AM				07:30 AM				08:00 AM				
+0 mins.	55	285	53	393	52	0	48	100	36	268	111	415	25	0	59	84	
+15 mins.	59	248	47	354	71	0	43	114	63	280	189	532	26	0	51	77	
+30 mins.	52	262	40	354	70	0	40	110	57	232	151	440	30	0	61	91	
+45 mins.	61	276	72	409	52	0	52	104	71	227	156	454	28	0	63	91	
Total Volume	227	1071	212	1510	245	0	183	428	227	1007	607	1841	109	0	234	343	
% App. Total	15	70.9	14		57.2	0	42.8		12.3	54.7	33		31.8	0	68.2		
PHF	.930	.939	.736	.923	.863	.000	.880	.939	.799	.899	.803	.865	.908	.000	.929	.942	

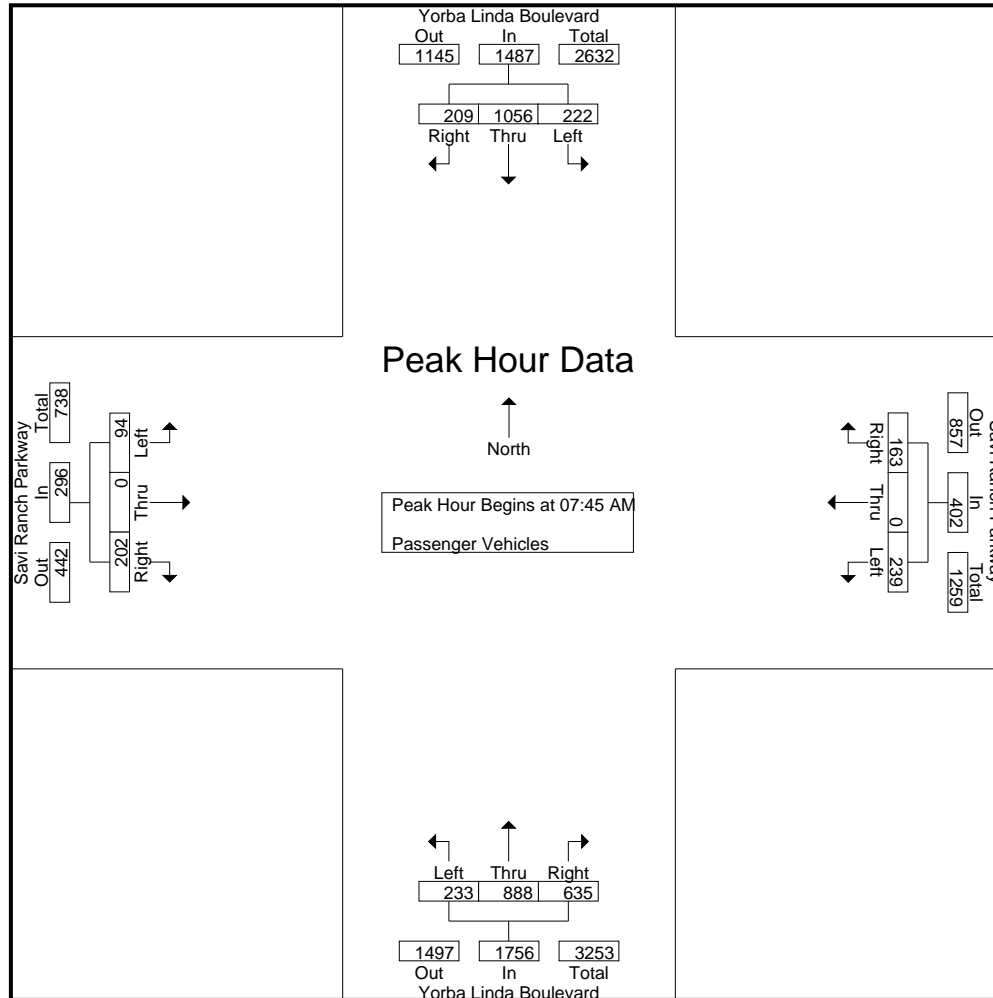
City of Yorba Linda
 N/S: Yorba Linda Boulevard
 E/W: Savi Ranch Parkway
 Weather: Clear

File Name : 16_YLA_Yorba_Savi AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

Groups Printed- Passenger Vehicles

Start Time	Yorba Linda Boulevard Southbound					Savi Ranch Parkway Westbound					Yorba Linda Boulevard Northbound					Savi Ranch Parkway Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	17	183	21	6	221	33	0	22	20	55	65	140	104	0	309	8	0	41	36	49	62	634	696
07:15 AM	28	208	25	7	261	55	0	27	23	82	34	178	122	0	334	10	0	23	22	33	52	710	762
07:30 AM	40	240	40	12	320	46	0	41	31	87	36	260	111	0	407	24	0	47	36	71	79	885	964
07:45 AM	55	282	53	12	390	53	0	35	28	88	62	266	187	0	515	17	0	35	32	52	72	1045	1117
Total	140	913	139	37	1192	187	0	125	102	312	197	844	524	0	1565	59	0	146	126	205	265	3274	3539
08:00 AM	56	244	46	5	346	49	0	47	40	96	55	221	151	1	427	24	0	57	56	81	102	950	1052
08:15 AM	50	256	40	10	346	70	0	42	35	112	64	218	150	0	432	24	0	50	47	74	92	964	1056
08:30 AM	61	274	70	16	405	67	0	39	37	106	52	183	147	0	382	29	0	60	60	89	113	982	1095
08:45 AM	71	224	64	14	359	50	0	51	47	101	58	220	171	0	449	28	0	59	57	87	118	996	1114
Total	238	998	220	45	1456	236	0	179	159	415	229	842	619	1	1690	105	0	226	220	331	425	3892	4317
Grand Total	378	1911	359	82	2648	423	0	304	261	727	426	1686	1143	1	3255	164	0	372	346	536	690	7166	7856
Apprch %	14.3	72.2	13.6			58.2	0	41.8			13.1	51.8	35.1			30.6	0	69.4					
Total %	5.3	26.7	5		37	5.9	0	4.2		10.1	5.9	23.5	16		45.4	2.3	0	5.2		7.5	8.8	91.2	

Start Time	Yorba Linda Boulevard Southbound				Savi Ranch Parkway Westbound				Yorba Linda Boulevard Northbound				Savi Ranch Parkway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	55	282	53	390	53	0	35	88	62	266	187	515	17	0	35	52	1045
08:00 AM	56	244	46	346	49	0	47	96	55	221	151	427	24	0	57	81	950
08:15 AM	50	256	40	346	70	0	42	112	64	218	150	432	24	0	50	74	964
08:30 AM	61	274	70	405	67	0	39	106	52	183	147	382	29	0	60	89	982
Total Volume	222	1056	209	1487	239	0	163	402	233	888	635	1756	94	0	202	296	3941
% App. Total	14.9	71	14.1		59.5	0	40.5		13.3	50.6	36.2		31.8	0	68.2		
PHF	.910	.936	.746	.918	.854	.000	.867	.897	.910	.835	.849	.852	.810	.000	.842	.831	.943



City of Yorba Linda
 N/S: Yorba Linda Boulevard
 E/W: Savi Ranch Parkway
 Weather: Clear

File Name : 16_YLA_Yorba_Savi AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Yorba Linda Boulevard Southbound				Savi Ranch Parkway Westbound				Yorba Linda Boulevard Northbound				Savi Ranch Parkway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:45 AM				07:45 AM				07:45 AM				07:45 AM				
+0 mins.	55	282	53	390	53	0	35	88	62	266	187	515	17	0	35	52	
+15 mins.	56	244	46	346	49	0	47	96	55	221	151	427	24	0	57	81	
+30 mins.	50	256	40	346	70	0	42	112	64	218	150	432	24	0	50	74	
+45 mins.	61	274	70	405	67	0	39	106	52	183	147	382	29	0	60	89	
Total Volume	222	1056	209	1487	239	0	163	402	233	888	635	1756	94	0	202	296	
% App. Total	14.9	71	14.1		59.5	0	40.5		13.3	50.6	36.2		31.8	0	68.2		
PHF	.910	.936	.746	.918	.854	.000	.867	.897	.910	.835	.849	.852	.810	.000	.842	.831	

City of Yorba Linda
 N/S: Yorba Linda Boulevard
 E/W: Savi Ranch Parkway
 Weather: Clear

File Name : 16_YLA_Yorba_Savi AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

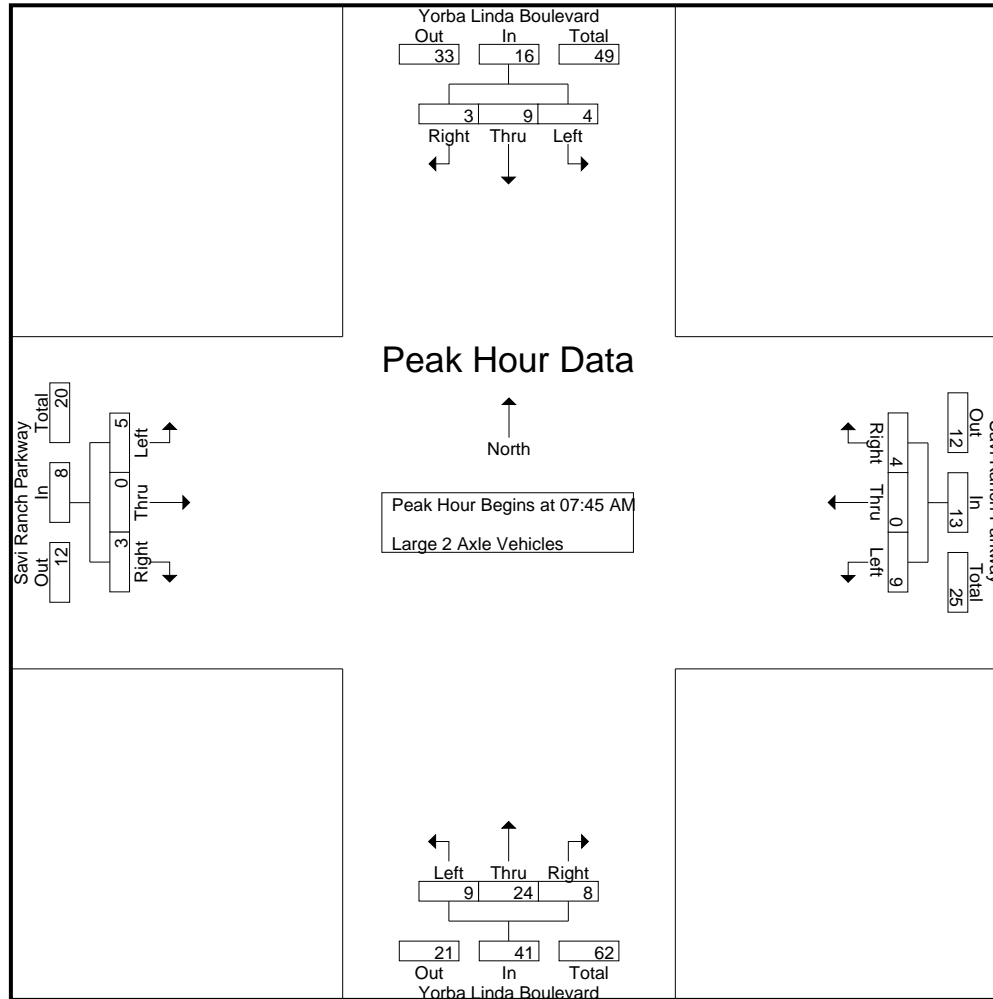
Groups Printed- Large 2 Axle Vehicles

Start Time	Yorba Linda Boulevard Southbound					Savi Ranch Parkway Westbound					Yorba Linda Boulevard Northbound					Savi Ranch Parkway Eastbound					Exclu. Total	Inclu. Total	Int. Total	
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total				
07:00 AM	1	7	0	0	8	2	0	0	0	2	0	4	3	0	7	0	0	1	0	1	0	0	18	18
07:15 AM	0	7	0	0	7	4	0	1	1	5	1	3	1	0	5	0	0	2	2	2	3	19	22	
07:30 AM	1	3	1	0	5	0	0	0	0	0	0	6	0	0	6	0	0	1	1	1	1	12	13	
07:45 AM	0	3	0	0	3	4	0	2	2	6	1	5	1	0	7	1	0	1	1	2	3	18	21	
Total	2	20	1	0	23	10	0	3	3	13	2	18	5	0	25	1	0	5	4	6	7	67	74	
08:00 AM	2	1	1	0	4	2	0	1	1	3	2	5	0	0	7	1	0	0	0	1	1	15	16	
08:15 AM	2	3	0	0	5	1	0	0	0	1	6	9	5	0	20	2	0	1	0	3	0	29	29	
08:30 AM	0	2	2	0	4	2	0	1	1	3	0	5	2	0	7	1	0	1	1	2	2	16	18	
08:45 AM	1	2	0	0	3	1	0	1	1	2	3	3	4	0	10	0	0	2	2	2	3	17	20	
Total	5	8	3	0	16	6	0	3	3	9	11	22	11	0	44	4	0	4	3	8	6	77	83	
Grand Total	7	28	4	0	39	16	0	6	6	22	13	40	16	0	69	5	0	9	7	14	13	144	157	
Apprch %	17.9	71.8	10.3			72.7	0	27.3			18.8	58	23.2			35.7	0	64.3						
Total %	4.9	19.4	2.8		27.1	11.1	0	4.2		15.3	9	27.8	11.1		47.9	3.5	0	6.2		9.7	8.3	91.7		

Start Time	Yorba Linda Boulevard Southbound				Savi Ranch Parkway Westbound				Yorba Linda Boulevard Northbound				Savi Ranch Parkway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	0	3	0	3	4	0	2	6	1	5	1	7	1	0	1	2	18
08:00 AM	2	1	1	4	2	0	1	3	2	5	0	7	1	0	0	1	15
08:15 AM	2	3	0	5	1	0	0	1	6	9	5	20	2	0	1	3	29
08:30 AM	0	2	2	4	2	0	1	3	0	5	2	7	1	0	1	2	16
Total Volume	4	9	3	16	9	0	4	13	9	24	8	41	5	0	3	8	78
% App. Total	25	56.2	18.8		69.2	0	30.8		22	58.5	19.5		62.5	0	37.5		
PHF	.500	.750	.375	.800	.563	.000	.500	.542	.375	.667	.400	.513	.625	.000	.750	.667	.672

City of Yorba Linda
 N/S: Yorba Linda Boulevard
 E/W: Savi Ranch Parkway
 Weather: Clear

File Name : 16_YLA_Yorba_Savi AM
 Site Code : 05122223
 Start Date : 3/15/2022
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City of Yorba Linda
 N/S: Yorba Linda Boulevard
 E/W: Savi Ranch Parkway
 Weather: Clear

File Name : 16_YLA_Yorba_Savi AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Yorba Linda Boulevard Southbound				Savi Ranch Parkway Westbound				Yorba Linda Boulevard Northbound				Savi Ranch Parkway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:45 AM				07:45 AM				07:45 AM				07:45 AM				
+0 mins.	0	3	0	3	4	0	2	6	1	5	1	7	1	0	1	2	
+15 mins.	2	1	1	4	2	0	1	3	2	5	0	7	1	0	0	1	
+30 mins.	2	3	0	5	1	0	0	1	6	9	5	20	2	0	1	3	
+45 mins.	0	2	2	4	2	0	1	3	0	5	2	7	1	0	1	2	
Total Volume	4	9	3	16	9	0	4	13	9	24	8	41	5	0	3	8	
% App. Total	25	56.2	18.8		69.2	0	30.8		22	58.5	19.5		62.5	0	37.5		
PHF	.500	.750	.375	.800	.563	.000	.500	.542	.375	.667	.400	.513	.625	.000	.750	.667	

City of Yorba Linda
 N/S: Yorba Linda Boulevard
 E/W: Savi Ranch Parkway
 Weather: Clear

File Name : 16_YLA_Yorba_Savi AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

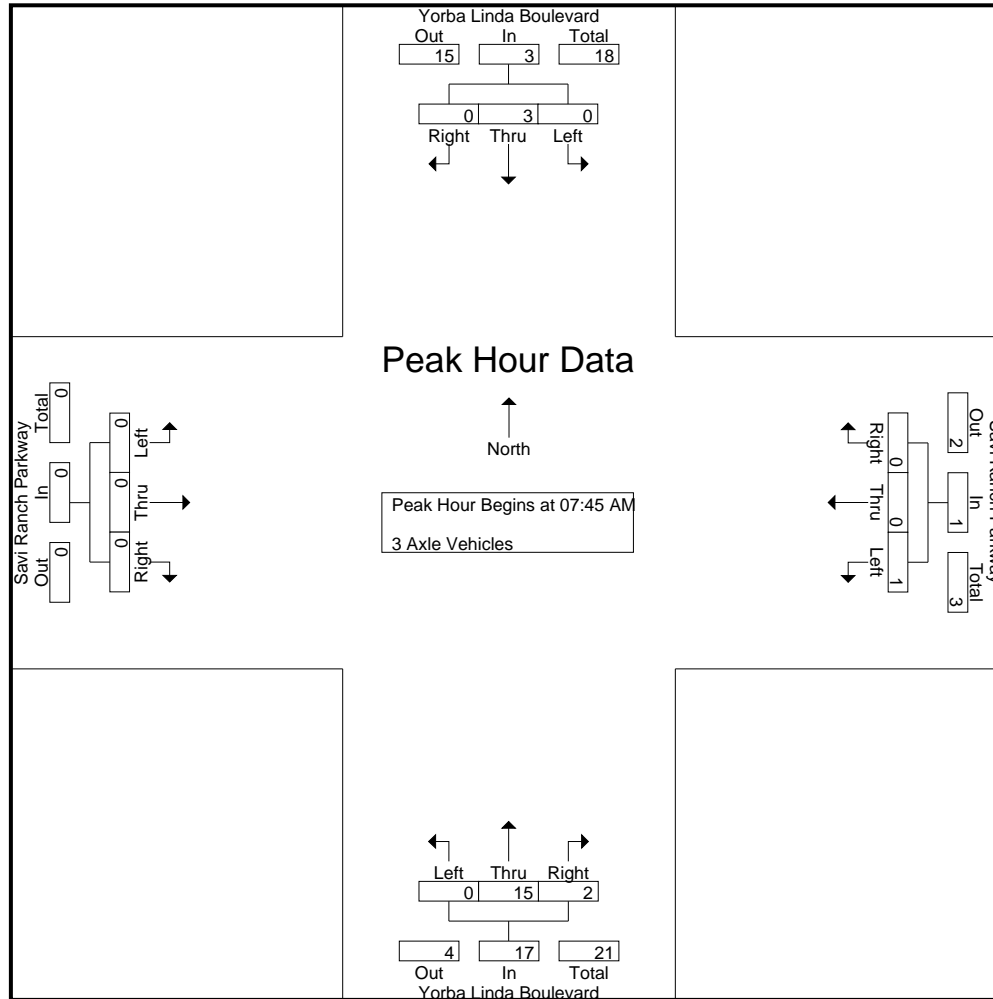
Groups Printed- 3 Axle Vehicles

Start Time	Yorba Linda Boulevard Southbound					Savi Ranch Parkway Westbound					Yorba Linda Boulevard Northbound					Savi Ranch Parkway Eastbound					Exclu. Total	Inclu. Total	Int. Total					
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total								
07:00 AM	0	1	0	0	1	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	0	0	0	0	0	0	7	7
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3	3
07:30 AM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	2
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	8	1	0	9	0	0	0	0	0	0	0	0	0	0	0	9	9
Total	0	2	0	0	2	0	0	0	0	0	0	18	1	0	19	0	0	0	0	0	0	0	0	0	0	0	21	21
08:00 AM	0	2	0	0	2	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0	6	6
08:15 AM	0	1	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2	2
08:30 AM	0	0	0	0	0	1	0	0	0	1	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	4	4
08:45 AM	0	2	0	0	2	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	4	4
Total	0	5	0	0	5	1	0	0	0	1	0	8	2	0	10	0	0	0	0	0	0	0	0	0	0	0	16	16
Grand Total	0	7	0	0	7	1	0	0	0	1	0	26	3	0	29	0	0	0	0	0	0	0	0	0	0	0	37	37
Apprch %	0	100	0			100	0	0			0	89.7	10.3			0	0	0			0	0	0			0		
Total %	0	18.9	0		18.9	2.7	0	0		2.7	0	70.3	8.1		78.4	0	0	0		0	0	0	0		0	0	100	

Start Time	Yorba Linda Boulevard Southbound				Savi Ranch Parkway Westbound				Yorba Linda Boulevard Northbound				Savi Ranch Parkway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	0	0	0	0	0	0	0	0	0	8	1	9	0	0	0	0	9
08:00 AM	0	2	0	2	0	0	0	0	0	4	0	4	0	0	0	0	6
08:15 AM	0	1	0	1	0	0	0	0	0	0	1	1	0	0	0	0	2
08:30 AM	0	0	0	0	1	0	0	1	0	3	0	3	0	0	0	0	4
Total Volume	0	3	0	3	1	0	0	1	0	15	2	17	0	0	0	0	21
% App. Total	0	100	0		100	0	0		0	88.2	11.8		0	0	0		
PHF	.000	.375	.000	.375	.250	.000	.000	.250	.000	.469	.500	.472	.000	.000	.000	.000	.583

City of Yorba Linda
 N/S: Yorba Linda Boulevard
 E/W: Savi Ranch Parkway
 Weather: Clear

File Name : 16_YLA_Yorba_Savi AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Yorba Linda Boulevard
 E/W: Savi Ranch Parkway
 Weather: Clear

File Name : 16_YLA_Yorba_Savi AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Yorba Linda Boulevard Southbound				Savi Ranch Parkway Westbound				Yorba Linda Boulevard Northbound				Savi Ranch Parkway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:45 AM				07:45 AM				07:45 AM				07:45 AM				
+0 mins.	0	0	0	0	0	0	0	0	0	8	1	9	0	0	0	0	
+15 mins.	0	2	0	2	0	0	0	0	0	4	0	4	0	0	0	0	
+30 mins.	0	1	0	1	0	0	0	0	0	0	1	1	0	0	0	0	
+45 mins.	0	0	0	0	1	0	0	1	0	3	0	3	0	0	0	0	
Total Volume	0	3	0	3	1	0	0	1	0	15	2	17	0	0	0	0	
% App. Total	0	100	0		100	0	0		0	88.2	11.8		0	0	0		
PHF	.000	.375	.000	.375	.250	.000	.000	.250	.000	.469	.500	.472	.000	.000	.000	.000	

City of Yorba Linda
 N/S: Yorba Linda Boulevard
 E/W: Savi Ranch Parkway
 Weather: Clear

File Name : 16_YLA_Yorba_Savi AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

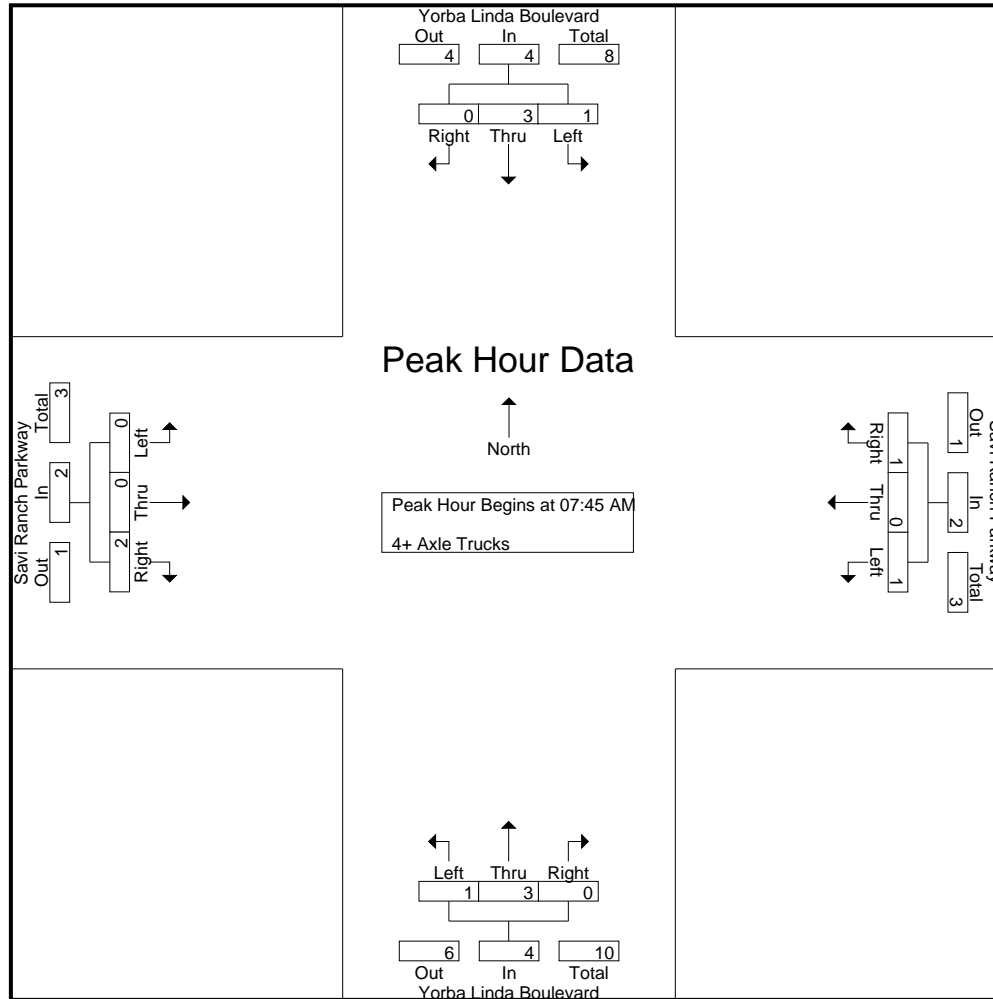
Groups Printed- 4+ Axle Trucks

Start Time	Yorba Linda Boulevard Southbound					Savi Ranch Parkway Westbound					Yorba Linda Boulevard Northbound					Savi Ranch Parkway Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	0	1	0	0	1	1	0	1	1	2	0	0	1	0	1	0	0	0	0	0	1	4	5
07:15 AM	0	0	0	0	0	1	0	0	0	1	0	1	1	0	2	0	0	1	1	1	1	4	5
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	1
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	1
Total	0	1	0	0	1	2	0	1	1	3	0	3	2	0	5	0	0	1	1	1	2	10	12
08:00 AM	1	1	0	0	2	1	0	0	0	1	0	2	0	0	2	0	0	2	1	2	1	7	8
08:15 AM	0	2	0	0	2	0	0	1	1	1	1	0	0	0	1	0	0	0	0	0	1	4	5
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45 AM	0	1	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	2	1	2	1	4	5
Total	1	4	0	0	5	2	0	1	1	3	1	2	0	0	3	0	0	4	2	4	3	15	18
Grand Total	1	5	0	0	6	4	0	2	2	6	1	5	2	0	8	0	0	5	3	5	5	25	30
Apprch %	16.7	83.3	0			66.7	0	33.3			12.5	62.5	25			0	0	100					
Total %	4	20	0		24	16	0	8		24	4	20	8		32	0	0	20		20	16.7	83.3	

Start Time	Yorba Linda Boulevard Southbound				Savi Ranch Parkway Westbound				Yorba Linda Boulevard Northbound				Savi Ranch Parkway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
08:00 AM	1	1	0	2	1	0	0	1	0	2	0	2	0	0	2	2	7
08:15 AM	0	2	0	2	0	0	1	1	1	0	0	1	0	0	0	0	4
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	1	3	0	4	1	0	1	2	1	3	0	4	0	0	2	2	12
% App. Total	25	75	0		50	0	50		25	75	0		0	0	100		
PHF	.250	.375	.000	.500	.250	.000	.250	.500	.250	.375	.000	.500	.000	.000	.250	.250	.429

City of Yorba Linda
 N/S: Yorba Linda Boulevard
 E/W: Savi Ranch Parkway
 Weather: Clear

File Name : 16_YLA_Yorba_Savi AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Yorba Linda Boulevard
 E/W: Savi Ranch Parkway
 Weather: Clear

File Name : 16_YLA_Yorba_Savi AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Yorba Linda Boulevard Southbound				Savi Ranch Parkway Westbound				Yorba Linda Boulevard Northbound				Savi Ranch Parkway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:45 AM				07:45 AM				07:45 AM				07:45 AM				
+0 mins.	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	
+15 mins.	1	1	0	2	1	0	0	1	0	2	0	2	0	0	2	2	
+30 mins.	0	2	0	2	0	0	1	1	1	0	0	1	0	0	0	0	
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total Volume	1	3	0	4	1	0	1	2	1	3	0	4	0	0	2	2	
% App. Total	25	75	0		50	0	50		25	75	0		0	0	100		
PHF	.250	.375	.000	.500	.250	.000	.250	.500	.250	.375	.000	.500	.000	.000	.250	.250	

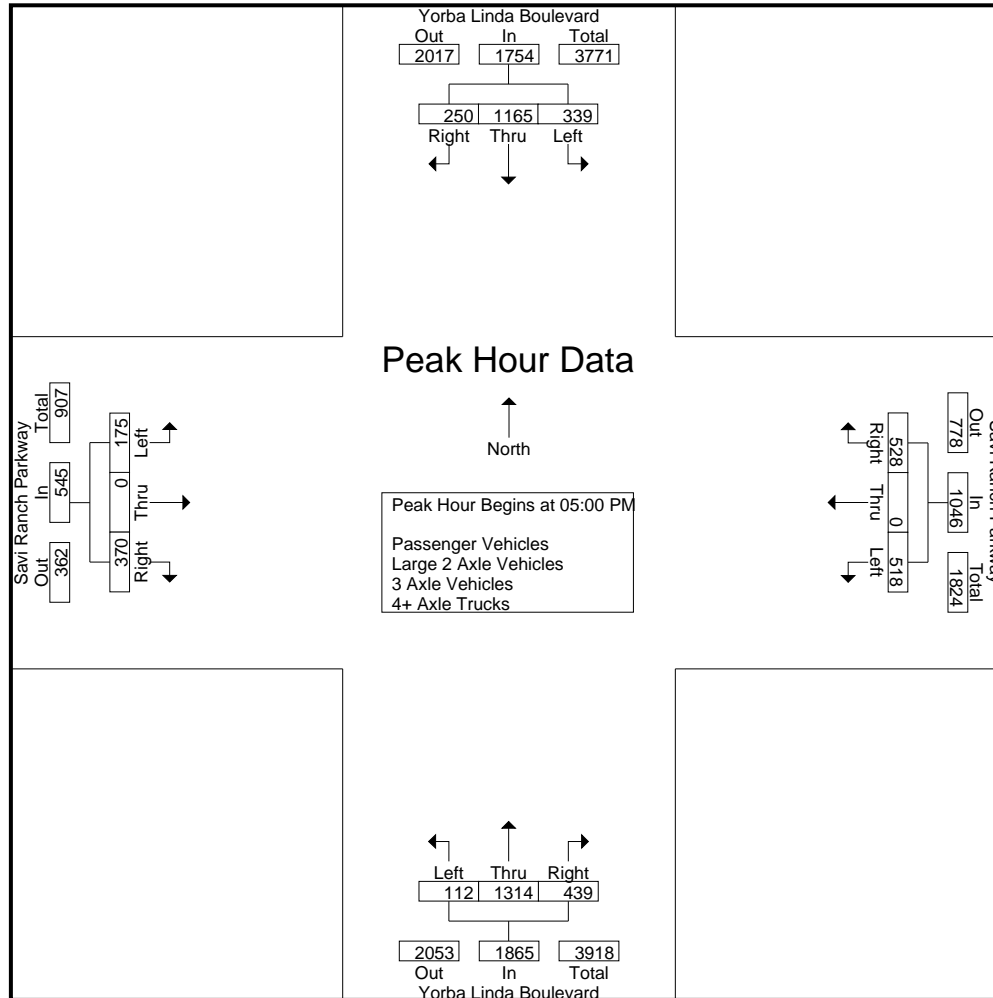
City of Yorba Linda
 N/S: Yorba Linda Boulevard
 E/W: Savi Ranch Parkway
 Weather: Clear

File Name : 16_YLA_Yorba_Savi PM
 Site Code : 0512223
 Start Date : 3/15/2022
 Page No : 1

Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

Start Time	Yorba Linda Boulevard Southbound					Savi Ranch Parkway Westbound					Yorba Linda Boulevard Northbound					Savi Ranch Parkway Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	88	282	71	23	441	126	0	135	117	261	32	269	131	0	432	47	0	115	96	162	236	1296	1532
04:15 PM	81	255	64	23	400	136	0	106	68	242	33	290	118	0	441	45	0	104	65	149	156	1232	1388
04:30 PM	86	279	65	21	430	112	0	152	127	264	25	303	117	0	445	41	0	117	52	158	200	1297	1497
04:45 PM	86	270	76	21	432	142	0	142	123	284	23	308	139	0	470	54	0	88	58	142	202	1328	1530
Total	341	1086	276	88	1703	516	0	535	435	1051	113	1170	505	0	1788	187	0	424	271	611	794	5153	5947
05:00 PM	72	290	66	23	428	117	0	124	97	241	31	347	100	0	478	48	0	110	92	158	212	1305	1517
05:15 PM	92	291	52	27	435	132	0	139	118	271	21	291	84	1	396	53	0	93	87	146	233	1248	1481
05:30 PM	74	291	67	19	432	146	0	132	105	278	31	325	129	0	485	37	0	76	76	113	200	1308	1508
05:45 PM	101	293	65	14	459	123	0	133	111	256	29	351	126	2	506	37	0	91	91	128	218	1349	1567
Total	339	1165	250	83	1754	518	0	528	431	1046	112	1314	439	3	1865	175	0	370	346	545	863	5210	6073
Grand Total	680	2251	526	171	3457	1034	0	1063	866	2097	225	2484	944	3	3653	362	0	794	617	1156	1657	10363	12020
Apprch %	19.7	65.1	15.2			49.3	0	50.7			6.2	68	25.8			31.3	0	68.7					
Total %	6.6	21.7	5.1		33.4	10	0	10.3		20.2	2.2	24	9.1		35.3	3.5	0	7.7		11.2	13.8	86.2	
Passenger Vehicles	678	2233	514		3593	1024	0	1055		2938	218	2467	937		3625	360	0	784		1752	0	0	11908
% Passenger Vehicles	99.7	99.2	97.7	98.2	99	99	0	99.2	99.2	99.2	96.9	99.3	99.3	100	99.2	99.4	0	98.7	98.5	98.8	0	0	99.1
Large 2 Axle Vehicles	2	15	10		29	8	0	7		21	5	14	6		25	2	0	8		17	0	0	92
% Large 2 Axle Vehicles	0.3	0.7	1.9	1.2	0.8	0.8	0	0.7	0.7	0.7	2.2	0.6	0.6	0	0.7	0.6	0	1	1.1	1	0	0	0.8
3 Axle Vehicles	0	2	1		4	1	0	1		3	0	2	0		2	0	0	0		0	0	0	9
% 3 Axle Vehicles	0	0.1	0.2	0.6	0.1	0.1	0	0.1	0.1	0.1	0	0.1	0	0	0.1	0	0	0	0	0	0	0	0.1
4+ Axle Trucks	0	1	1		2	1	0	0		1	2	1	1		4	0	0	2		4	0	0	11
% 4+ Axle Trucks	0	0	0.2	0	0.1	0.1	0	0	0	0	0.9	0	0.1	0	0.1	0	0	0.3	0.3	0.2	0	0	0.1

Start Time	Yorba Linda Boulevard Southbound				Savi Ranch Parkway Westbound				Yorba Linda Boulevard Northbound				Savi Ranch Parkway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	72	290	66	428	117	0	124	241	31	347	100	478	48	0	110	158	1305
05:15 PM	92	291	52	435	132	0	139	271	21	291	84	396	53	0	93	146	1248
05:30 PM	74	291	67	432	146	0	132	278	31	325	129	485	37	0	76	113	1308
05:45 PM	101	293	65	459	123	0	133	256	29	351	126	506	37	0	91	128	1349
Total Volume	339	1165	250	1754	518	0	528	1046	112	1314	439	1865	175	0	370	545	5210
% App. Total	19.3	66.4	14.3		49.5	0	50.5		6	70.5	23.5		32.1	0	67.9		
PHF	.839	.994	.933	.955	.887	.000	.950	.941	.903	.936	.851	.921	.825	.000	.841	.862	.966



City of Yorba Linda
 N/S: Yorba Linda Boulevard
 E/W: Savi Ranch Parkway
 Weather: Clear

File Name : 16_YLA_Yorba_Savi PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Yorba Linda Boulevard Southbound				Savi Ranch Parkway Westbound				Yorba Linda Boulevard Northbound				Savi Ranch Parkway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	05:00 PM				04:45 PM				05:00 PM				04:00 PM				
+0 mins.	72	290	66	428	142	0	142	284	31	347	100	478	47	0	115	162	
+15 mins.	92	291	52	435	117	0	124	241	21	291	84	396	45	0	104	149	
+30 mins.	74	291	67	432	132	0	139	271	31	325	129	485	41	0	117	158	
+45 mins.	101	293	65	459	146	0	132	278	29	351	126	506	54	0	88	142	
Total Volume	339	1165	250	1754	537	0	537	1074	112	1314	439	1865	187	0	424	611	
% App. Total	19.3	66.4	14.3		50	0	50		6	70.5	23.5		30.6	0	69.4		
PHF	.839	.994	.933	.955	.920	.000	.945	.945	.903	.936	.851	.921	.866	.000	.906	.943	

City of Yorba Linda
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 Weather: Clear

File Name : 16_YLA_Yorba_Savi PM
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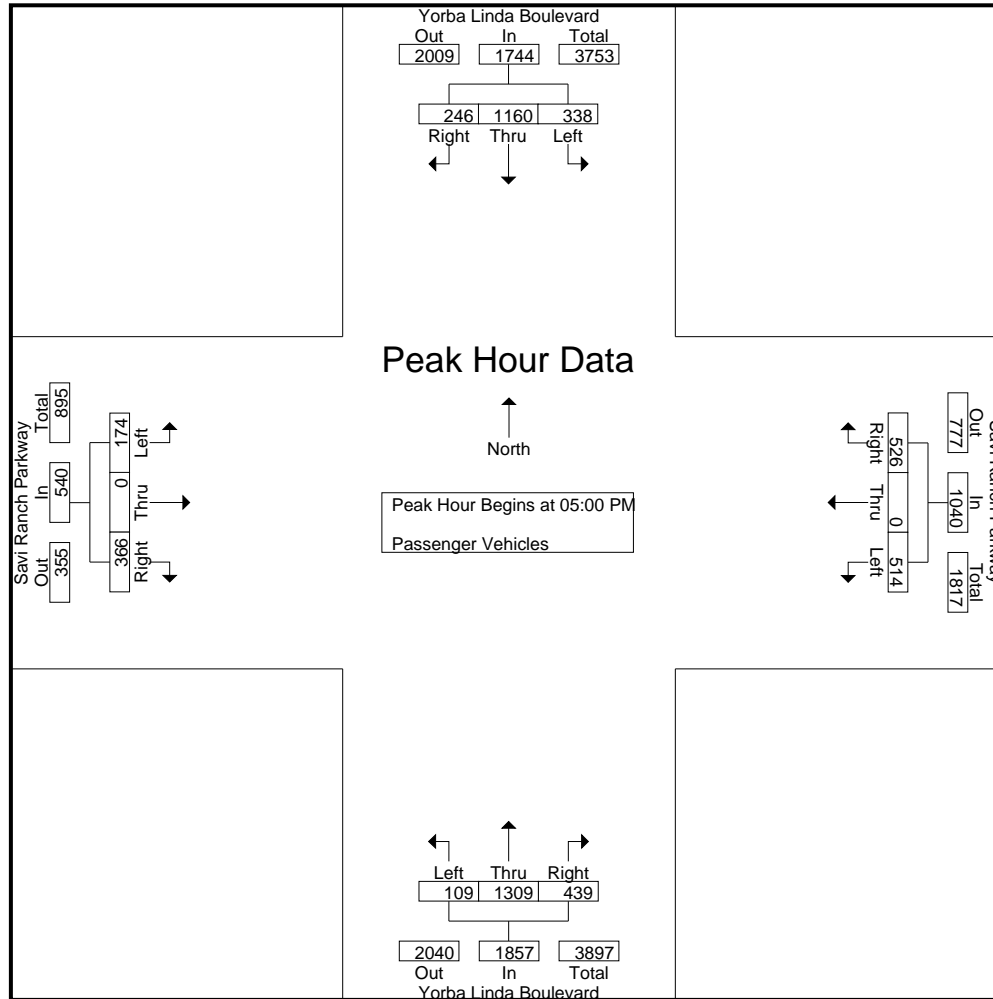
Groups Printed- Passenger Vehicles

Start Time	Yorba Linda Boulevard Southbound					Savi Ranch Parkway Westbound					Yorba Linda Boulevard Northbound					Savi Ranch Parkway Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	88	275	68	21	431	126	0	135	117	261	30	266	129	0	425	47	0	114	96	161	234	1278	1512
04:15 PM	81	251	61	23	393	135	0	105	67	240	33	287	115	0	435	44	0	100	61	144	151	1212	1363
04:30 PM	86	278	64	21	428	108	0	147	123	255	24	300	116	0	440	41	0	116	51	157	195	1280	1475
04:45 PM	85	269	75	21	429	141	0	142	123	283	22	305	138	0	465	54	0	88	58	142	202	1319	1521
Total	340	1073	268	86	1681	510	0	529	430	1039	109	1158	498	0	1765	186	0	418	266	604	782	5089	5871
05:00 PM	72	286	65	23	423	115	0	123	96	238	30	346	100	0	476	48	0	110	92	158	211	1295	1506
05:15 PM	91	291	51	27	433	132	0	139	118	271	21	289	84	1	394	53	0	92	86	145	232	1243	1475
05:30 PM	74	290	65	18	429	146	0	131	104	277	30	324	129	0	483	36	0	74	74	110	196	1299	1495
05:45 PM	101	293	65	14	459	121	0	133	111	254	28	350	126	2	504	37	0	90	90	127	217	1344	1561
Total	338	1160	246	82	1744	514	0	526	429	1040	109	1309	439	3	1857	174	0	366	342	540	856	5181	6037
Grand Total	678	2233	514	168	3425	1024	0	1055	859	2079	218	2467	937	3	3622	360	0	784	608	1144	1638	10270	11908
Apprch %	19.8	65.2	15			49.3	0	50.7			6	68.1	25.9			31.5	0	68.5					
Total %	6.6	21.7	5		33.3	10	0	10.3		20.2	2.1	24	9.1		35.3	3.5	0	7.6		11.1	13.8	86.2	

Start Time	Yorba Linda Boulevard Southbound				Savi Ranch Parkway Westbound				Yorba Linda Boulevard Northbound				Savi Ranch Parkway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	72	286	65	423	115	0	123	238	30	346	100	476	48	0	110	158	1295
05:15 PM	91	291	51	433	132	0	139	271	21	289	84	394	53	0	92	145	1243
05:30 PM	74	290	65	429	146	0	131	277	30	324	129	483	36	0	74	110	1299
05:45 PM	101	293	65	459	121	0	133	254	28	350	126	504	37	0	90	127	1344
Total Volume	338	1160	246	1744	514	0	526	1040	109	1309	439	1857	174	0	366	540	5181
% App. Total	19.4	66.5	14.1		49.4	0	50.6		5.9	70.5	23.6		32.2	0	67.8		
PHF	.837	.990	.946	.950	.880	.000	.946	.939	.908	.935	.851	.921	.821	.000	.832	.854	.964

City of Yorba Linda
 N/S: Yorba Linda Boulevard
 E/W: Savi Ranch Parkway
 Weather: Clear

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City of Yorba Linda
 N/S: Yorba Linda Boulevard
 E/W: Savi Ranch Parkway
 Weather: Clear

File Name : 16_YLA_Yorba_Savi PM
 Site Code : 05122223
 Start Date : 3/15/2022
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Start Time	Yorba Linda Boulevard Southbound				Savi Ranch Parkway Westbound				Yorba Linda Boulevard Northbound				Savi Ranch Parkway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	05:00 PM				05:00 PM				05:00 PM				05:00 PM				
+0 mins.	72	286	65	423	115	0	123	238	30	346	100	476	48	0	110	158	
+15 mins.	91	291	51	433	132	0	139	271	21	289	84	394	53	0	92	145	
+30 mins.	74	290	65	429	146	0	131	277	30	324	129	483	36	0	74	110	
+45 mins.	101	293	65	459	121	0	133	254	28	350	126	504	37	0	90	127	
Total Volume	338	1160	246	1744	514	0	526	1040	109	1309	439	1857	174	0	366	540	
% App. Total	19.4	66.5	14.1		49.4	0	50.6		5.9	70.5	23.6		32.2	0	67.8		
PHF	.837	.990	.946	.950	.880	.000	.946	.939	.908	.935	.851	.921	.821	.000	.832	.854	

City of Yorba Linda
 N/S: Yorba Linda Boulevard
 E/W: Savi Ranch Parkway
 Weather: Clear

File Name : 16_YLA_Yorba_Savi PM
 Site Code : 05122223
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 Page No : 1

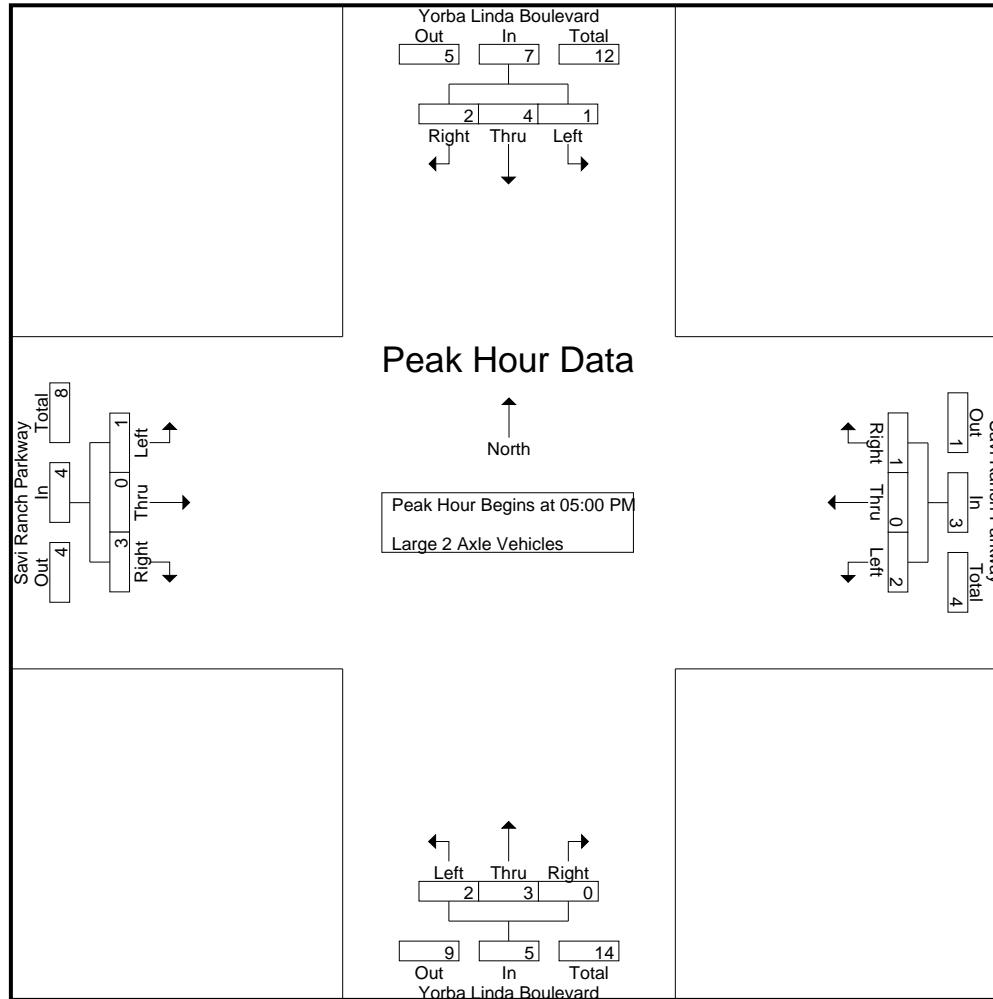
Groups Printed- Large 2 Axle Vehicles

Start Time	Yorba Linda Boulevard Southbound					Savi Ranch Parkway Westbound					Yorba Linda Boulevard Northbound					Savi Ranch Parkway Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	0	7	3	2	10	0	0	0	0	0	2	3	2	0	7	0	0	1	0	1	2	18	20
04:15 PM	0	2	3	0	5	1	0	1	1	2	0	3	3	0	6	1	0	3	3	4	4	17	21
04:30 PM	0	1	1	0	2	4	0	5	4	9	0	3	1	0	4	0	0	1	1	1	5	16	21
04:45 PM	1	1	1	0	3	1	0	0	0	1	1	2	0	0	3	0	0	0	0	0	0	7	7
Total	1	11	8	2	20	6	0	6	5	12	3	11	6	0	20	1	0	5	4	6	11	58	69
05:00 PM	0	3	1	0	4	2	0	1	1	3	0	1	0	0	1	0	0	0	0	0	1	8	9
05:15 PM	1	0	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	1	1	1	1	3	4
05:30 PM	0	1	1	0	2	0	0	0	0	0	1	0	0	0	1	1	0	1	1	2	1	5	6
05:45 PM	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	0	0	1	1	1	1	3	4
Total	1	4	2	0	7	2	0	1	1	3	2	3	0	0	5	1	0	3	3	4	4	19	23
Grand Total	2	15	10	2	27	8	0	7	6	15	5	14	6	0	25	2	0	8	7	10	15	77	92
Apprch %	7.4	55.6	37			53.3	0	46.7			20	56	24			20	0	80					
Total %	2.6	19.5	13		35.1	10.4	0	9.1		19.5	6.5	18.2	7.8		32.5	2.6	0	10.4		13	16.3	83.7	

Start Time	Yorba Linda Boulevard Southbound				Savi Ranch Parkway Westbound				Yorba Linda Boulevard Northbound				Savi Ranch Parkway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	3	1	4	2	0	1	3	0	1	0	1	0	0	0	0	8
05:15 PM	1	0	0	1	0	0	0	0	0	1	0	1	0	0	1	1	3
05:30 PM	0	1	1	2	0	0	0	0	1	0	0	1	1	0	1	2	5
05:45 PM	0	0	0	0	0	0	0	0	1	1	0	2	0	0	1	1	3
Total Volume	1	4	2	7	2	0	1	3	2	3	0	5	1	0	3	4	19
% App. Total	14.3	57.1	28.6		66.7	0	33.3		40	60	0		25	0	75		
PHF	.250	.333	.500	.438	.250	.000	.250	.250	.500	.750	.000	.625	.250	.000	.750	.500	.594

City of Yorba Linda
 N/S: Yorba Linda Boulevard
 E/W: Savi Ranch Parkway
 Weather: Clear

File Name : 16_YLA_Yorba_Savi PM
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City of Yorba Linda
 N/S: Yorba Linda Boulevard
 E/W: Savi Ranch Parkway
 Weather: Clear

File Name : 16_YLA_Yorba_Savi PM
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Start Time	Yorba Linda Boulevard Southbound				Savi Ranch Parkway Westbound				Yorba Linda Boulevard Northbound				Savi Ranch Parkway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	05:00 PM				05:00 PM				05:00 PM				05:00 PM				
+0 mins.	0	3	1	4	2	0	1	3	0	1	0	1	0	0	0	0	
+15 mins.	1	0	0	1	0	0	0	0	0	1	0	1	0	0	1	1	
+30 mins.	0	1	1	2	0	0	0	0	1	0	0	1	1	0	1	2	
+45 mins.	0	0	0	0	0	0	0	0	1	1	0	2	0	0	1	1	
Total Volume	1	4	2	7	2	0	1	3	2	3	0	5	1	0	3	4	
% App. Total	14.3	57.1	28.6		66.7	0	33.3		40	60	0		25	0	75		
PHF	.250	.333	.500	.438	.250	.000	.250	.250	.500	.750	.000	.625	.250	.000	.750	.500	

City of Yorba Linda
 N/S: Yorba Linda Boulevard
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 Weather: Clear

File Name : 16_YLA_Yorba_Savi PM
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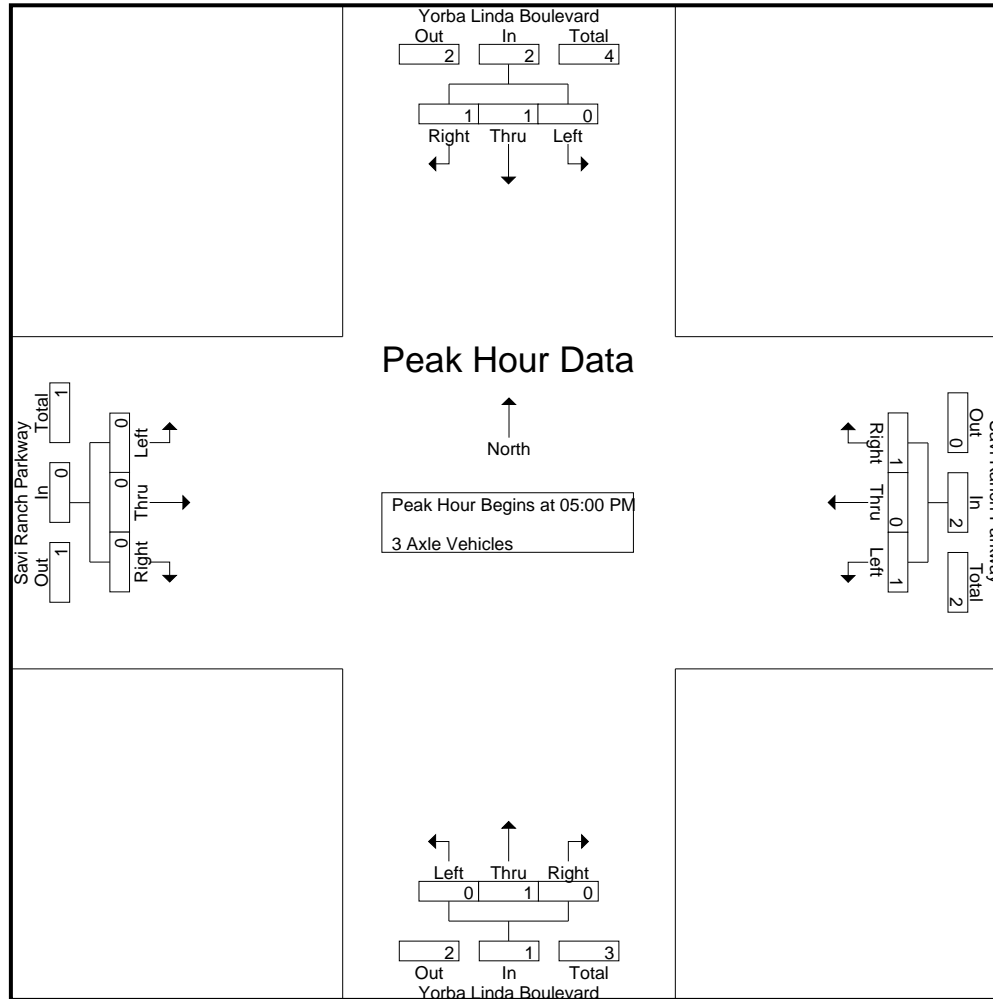
Groups Printed- 3 Axle Vehicles

Start Time	Yorba Linda Boulevard Southbound					Savi Ranch Parkway Westbound					Yorba Linda Boulevard Northbound					Savi Ranch Parkway Eastbound					Exclu. Total	Inclu. Total	Int. Total					
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total								
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1
Total	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	2
05:00 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	1	1	1	0	0	1	1	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	2	3	5
05:45 PM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Total	0	1	1	1	2	1	0	1	1	2	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	2	5	7
Grand Total	0	2	1	1	3	1	0	1	1	2	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	2	7	9
Apprch %	0	66.7	33.3			50	0	50			0	100	0			0	0	0			0	0	0					
Total %	0	28.6	14.3		42.9	14.3	0	14.3		28.6	0	28.6	0		28.6	0	0	0		0						22.2	77.8	

Start Time	Yorba Linda Boulevard Southbound				Savi Ranch Parkway Westbound				Yorba Linda Boulevard Northbound				Savi Ranch Parkway Eastbound				Int. Total				
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total					
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 05:00 PM																					
05:00 PM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	1	1	0	0	1	1	0	1	0	1	0	0	0	0	0	0	0	0	3
05:45 PM	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Total Volume	0	1	1	2	1	0	1	2	0	1	0	1	0	0	0	0	0	0	0	0	5
% App. Total	0	50	50		50	0	50		0	100	0		0	0	0		0	0	0		
PHF	.000	.250	.250	.500	.250	.000	.250	.500	.000	.250	.000	.250	.000	.000	.000	.000	.000	.000	.000	.000	.417

City of Yorba Linda
 N/S: Yorba Linda Boulevard
 E/W: Savi Ranch Parkway
 Weather: Clear

File Name : 16_YLA_Yorba_Savi PM
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City of Yorba Linda
 N/S: Yorba Linda Boulevard
 E/W: Savi Ranch Parkway
 Weather: Clear

File Name : 16_YLA_Yorba_Savi PM
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Start Time	Yorba Linda Boulevard Southbound				Savi Ranch Parkway Westbound				Yorba Linda Boulevard Northbound				Savi Ranch Parkway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	05:00 PM				05:00 PM				05:00 PM				05:00 PM				
+0 mins.	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
+30 mins.	0	0	1	1	0	0	1	1	0	1	0	1	0	0	0	0	
+45 mins.	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	
Total Volume	0	1	1	2	1	0	1	2	0	1	0	1	0	0	0	0	
% App. Total	0	50	50		50	0	50		0	100	0		0	0	0		
PHF	.000	.250	.250	.500	.250	.000	.250	.500	.000	.250	.000	.250	.000	.000	.000	.000	

City of Yorba Linda
 N/S: Yorba Linda Boulevard
 E/W: Savi Ranch Parkway
 Weather: Clear

File Name : 16_YLA_Yorba_Savi PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

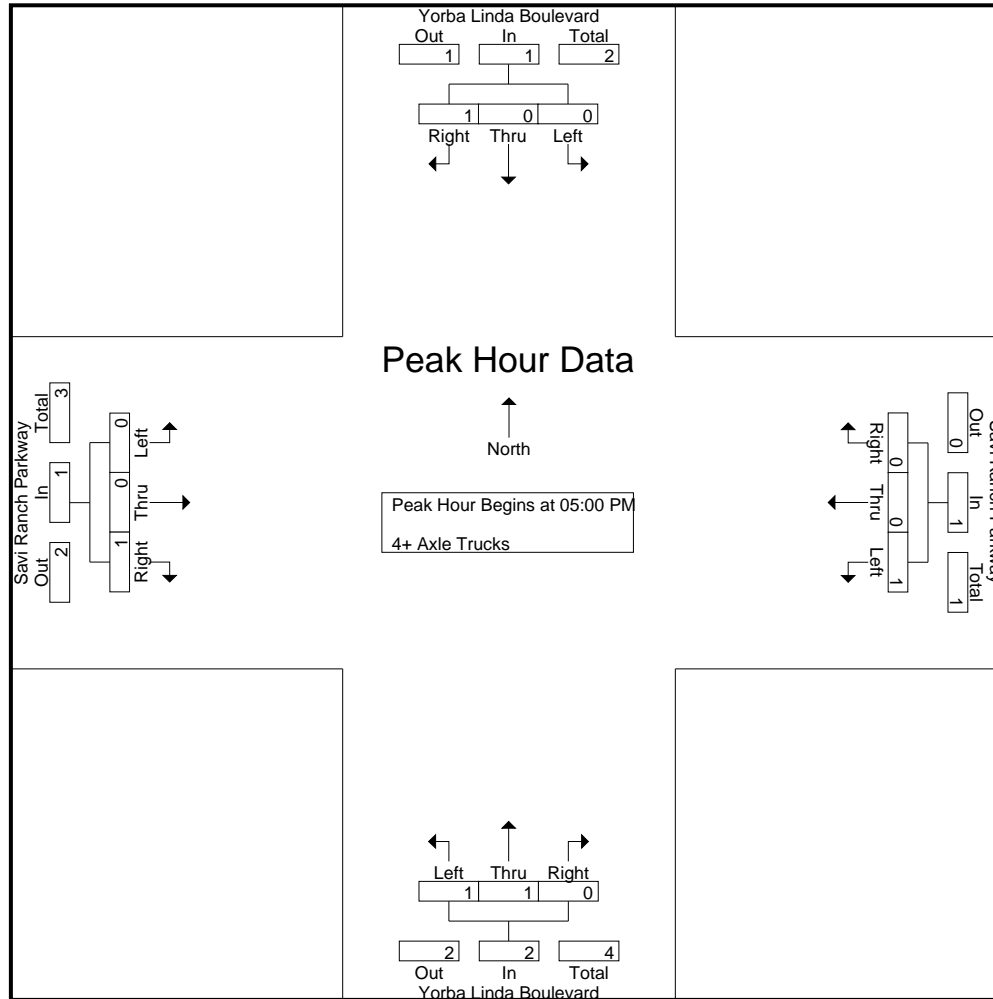
Groups Printed- 4+ Axle Trucks

Start Time	Yorba Linda Boulevard Southbound					Savi Ranch Parkway Westbound					Yorba Linda Boulevard Northbound					Savi Ranch Parkway Eastbound					Exclu. Total	Inclu. Total	Int. Total					
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total								
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	3
04:30 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1
Total	0	1	0	0	1	0	0	0	0	0	1	0	1	0	2	0	0	1	1	1	1	1	1	1	1	1	4	5
05:00 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1
05:15 PM	0	0	1	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	2
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2
05:45 PM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Total	0	0	1	0	1	1	0	0	0	1	1	1	0	0	2	0	0	1	1	1	1	1	1	1	1	1	5	6
Grand Total	0	1	1	0	2	1	0	0	0	1	2	1	1	0	4	0	0	2	2	2	2	2	2	2	2	2	9	11
Apprch %	0	50	50			100	0	0			50	25	25			0	0	100										
Total %	0	11.1	11.1		22.2	11.1	0	0		11.1	22.2	11.1	11.1		44.4	0	0	22.2		22.2	18.2	18.2	18.2	18.2	18.2	81.8	81.8	81.8

Start Time	Yorba Linda Boulevard Southbound				Savi Ranch Parkway Westbound				Yorba Linda Boulevard Northbound				Savi Ranch Parkway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1
05:15 PM	0	0	1	1	0	0	0	0	0	1	0	1	0	0	0	0	2
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
05:45 PM	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1
Total Volume	0	0	1	1	1	0	0	1	1	1	0	2	0	0	1	1	5
% App. Total	0	0	100		100	0	0		50	50	0		0	0	100		
PHF	.000	.000	.250	.250	.250	.000	.000	.250	.250	.250	.000	.500	.000	.000	.250	.250	.625

City of Yorba Linda
 N/S: Yorba Linda Boulevard
 E/W: Savi Ranch Parkway
 Weather: Clear

File Name : 16_YLA_Yorba_Savi PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Yorba Linda Boulevard
 E/W: Savi Ranch Parkway
 Weather: Clear

File Name : 16_YLA_Yorba_Savi PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Yorba Linda Boulevard Southbound				Savi Ranch Parkway Westbound				Yorba Linda Boulevard Northbound				Savi Ranch Parkway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	05:00 PM				05:00 PM				05:00 PM				05:00 PM				
+0 mins.	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	
+15 mins.	0	0	1	1	0	0	0	0	0	1	0	1	0	0	0	0	
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
+45 mins.	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	
Total Volume	0	0	1	1	1	0	0	1	1	1	0	2	0	0	1	1	
% App. Total	0	0	100		100	0	0		50	50	0		0	0	100		
PHF	.000	.000	.250	.250	.250	.000	.000	.250	.250	.250	.000	.500	.000	.000	.250	.250	

Location: Yorba Linda
 N/S: Yorba Linda Boulevard
 E/W: Savi Ranch Parkway



Date: 3/15/2022
 Day: Tuesday

PEDESTRIANS

	North Leg Yorba Linda Boulevard Pedestrians	East Leg Savi Ranch Parkway Pedestrians	South Leg Yorba Linda Boulevard Pedestrians	West Leg Savi Ranch Parkway Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	1	1
7:30 AM	0	0	0	0	0
7:45 AM	0	1	0	1	2
8:00 AM	0	0	0	0	0
8:15 AM	0	0	0	0	0
8:30 AM	0	1	0	0	1
8:45 AM	0	0	0	0	0
TOTAL VOLUMES:	0	2	0	2	4

	North Leg Yorba Linda Boulevard Pedestrians	East Leg Savi Ranch Parkway Pedestrians	South Leg Yorba Linda Boulevard Pedestrians	West Leg Savi Ranch Parkway Pedestrians	
4:00 PM	0	0	0	0	0
4:15 PM	0	0	0	0	0
4:30 PM	0	1	0	0	1
4:45 PM	0	0	0	0	0
5:00 PM	0	0	0	0	0
5:15 PM	0	0	0	0	0
5:30 PM	0	1	0	0	1
5:45 PM	0	0	0	0	0
TOTAL VOLUMES:	0	2	0	0	2

Location: Yorba Linda
 N/S: Yorba Linda Boulevard
 E/W: Savi Ranch Parkway



Date: 3/15/2022
 Day: Tuesday

BICYCLES

	Southbound Yorba Linda Boulevard			Westbound Savi Ranch Parkway			Northbound Yorba Linda Boulevard			Eastbound Savi Ranch Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	0	0	0	0	0	0	0	0	0

	Southbound Yorba Linda Boulevard			Westbound Savi Ranch Parkway			Northbound Yorba Linda Boulevard			Eastbound Savi Ranch Parkway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	1	0	0	0	0	0	1	0	0	0	0	2
4:45 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	1	0	0	0	0	0	2	0	0	0	0	3

City of Yorba Linda
 N/S: Yorba Linda Blvd/Weir Canyon Rd
 E/W: SR-91 Westbound Ramps
 Weather: Clear

File Name : 17_YLA_Yorba_91W AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

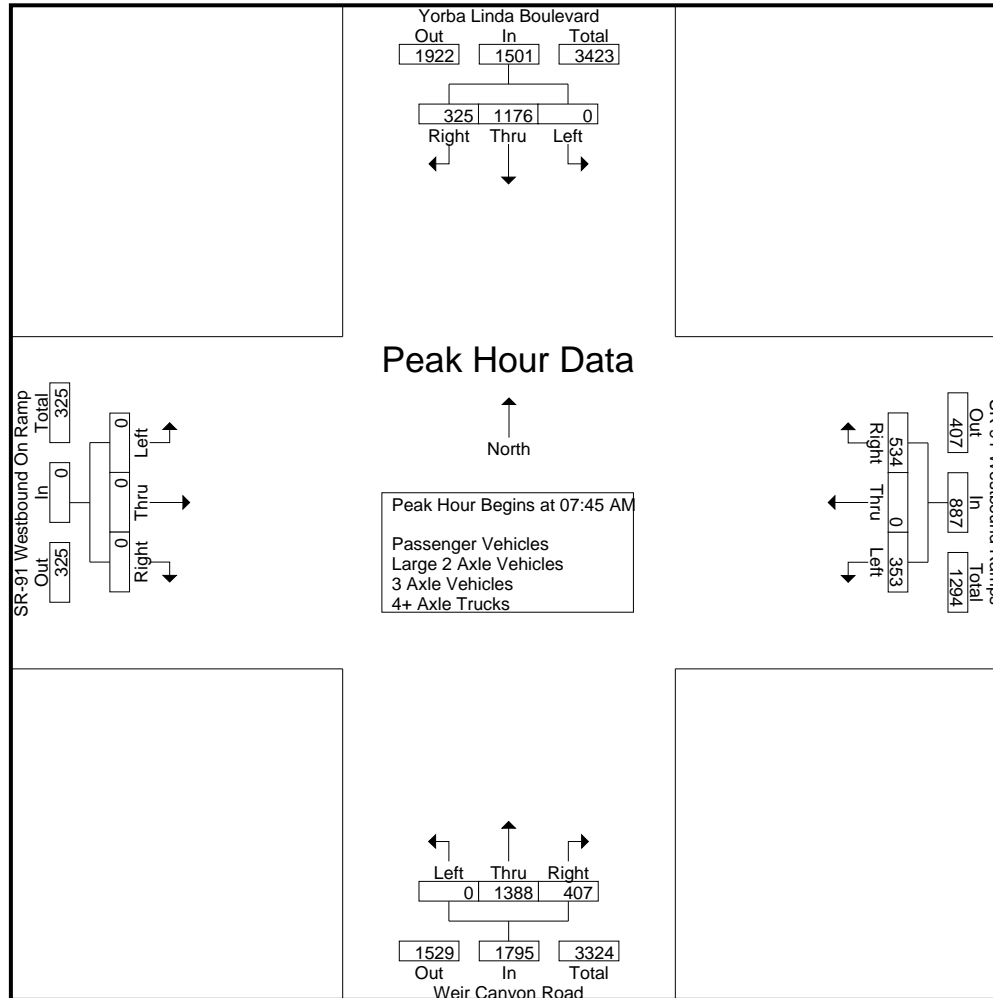
Start Time	Yorba Linda Boulevard Southbound					SR-91 Westbound Ramps Westbound					Weir Canyon Road Northbound					SR-91 Westbound On Ramp Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	0	192	86	0	278	56	0	113	72	169	0	201	94	0	295	0	0	0	0	0	72	742	814
07:15 AM	0	216	78	0	294	65	0	100	43	165	0	254	137	0	391	0	0	0	0	0	43	850	893
07:30 AM	0	245	78	0	323	76	0	135	52	211	0	307	142	0	449	0	0	0	0	0	52	983	1035
07:45 AM	0	305	79	0	384	85	0	174	30	259	0	401	107	0	508	0	0	0	0	0	30	1151	1181
Total	0	958	321	0	1279	282	0	522	197	804	0	1163	480	0	1643	0	0	0	0	0	197	3726	3923
08:00 AM	0	298	74	0	372	83	0	126	50	209	0	327	94	0	421	0	0	0	0	0	50	1002	1052
08:15 AM	0	283	85	0	368	92	0	126	37	218	0	333	108	0	441	0	0	0	0	0	37	1027	1064
08:30 AM	0	290	87	0	377	93	0	108	43	201	0	327	98	0	425	0	0	0	0	0	43	1003	1046
08:45 AM	0	257	84	0	341	93	0	133	32	226	0	333	82	0	415	0	0	0	0	0	32	982	1014
Total	0	1128	330	0	1458	361	0	493	162	854	0	1320	382	0	1702	0	0	0	0	0	162	4014	4176
Grand Total	0	2086	651	0	2737	643	0	1015	359	1658	0	2483	862	0	3345	0	0	0	0	0	359	7740	8099
Apprch %	0	76.2	23.8			38.8	0	61.2			0	74.2	25.8			0	0	0					
Total %	0	27	8.4		35.4	8.3	0	13.1		21.4	0	32.1	11.1		43.2	0	0	0			4.4	95.6	
Passenger Vehicles	0	2052	620		2672	626	0	980		1948	0	2405	856		3261	0	0	0		0	0	0	7881
% Passenger Vehicles	0	98.4	95.2	0	97.6	97.4	0	96.6	95.3	96.6	0	96.9	99.3	0	97.5	0	0	0	0	0	0	0	97.3
Large 2 Axle Vehicles	0	24	21		45	12	0	29		54	0	50	6		56	0	0	0		0	0	0	155
% Large 2 Axle Vehicles	0	1.2	3.2	0	1.6	1.9	0	2.9	3.6	2.7	0	2	0.7	0	1.7	0	0	0	0	0	0	0	1.9
3 Axle Vehicles	0	2	5		7	5	0	2		8	0	24	0		24	0	0	0		0	0	0	39
% 3 Axle Vehicles	0	0.1	0.8	0	0.3	0.8	0	0.2	0.3	0.4	0	1	0	0	0.7	0	0	0	0	0	0	0	0.5
4+ Axle Trucks	0	8	5		13	0	0	4		7	0	4	0		4	0	0	0		0	0	0	24
% 4+ Axle Trucks	0	0.4	0.8	0	0.5	0	0	0.4	0.8	0.3	0	0.2	0	0	0.1	0	0	0	0	0	0	0	0.3

Start Time	Yorba Linda Boulevard Southbound				SR-91 Westbound Ramps Westbound				Weir Canyon Road Northbound				SR-91 Westbound On Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:45 AM	0	305	79	384	85	0	174	259	0	401	107	508	0	0	0	0	1151
08:00 AM	0	298	74	372	83	0	126	209	0	327	94	421	0	0	0	0	1002
08:15 AM	0	283	85	368	92	0	126	218	0	333	108	441	0	0	0	0	1027
08:30 AM	0	290	87	377	93	0	108	201	0	327	98	425	0	0	0	0	1003
Total Volume	0	1176	325	1501	353	0	534	887	0	1388	407	1795	0	0	0	0	4183
% App. Total	0	78.3	21.7		39.8	0	60.2		0	77.3	22.7		0	0	0		
PHF	.000	.964	.934	.977	.949	.000	.767	.856	.000	.865	.942	.883	.000	.000	.000	.000	.909

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
 Peak Hour for Entire Intersection Begins at 07:45 AM

City of Yorba Linda
 N/S: Yorba Linda Blvd/Weir Canyon Rd
 E/W: SR-91 Westbound Ramps
 Weather: Clear

File Name : 17_YLA_Yorba_91W AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Yorba Linda Blvd/Weir Canyon Rd
 E/W: SR-91 Westbound Ramps
 Weather: Clear

File Name : 17_YLA_Yorba_91W AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Yorba Linda Boulevard Southbound				SR-91 Westbound Ramps Westbound				Weir Canyon Road Northbound				SR-91 Westbound On Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:45 AM				07:30 AM				07:30 AM				07:00 AM				
+0 mins.	0	305	79	384	76	0	135	211	0	307	142	449	0	0	0	0	
+15 mins.	0	298	74	372	85	0	174	259	0	401	107	508	0	0	0	0	
+30 mins.	0	283	85	368	83	0	126	209	0	327	94	421	0	0	0	0	
+45 mins.	0	290	87	377	92	0	126	218	0	333	108	441	0	0	0	0	
Total Volume	0	1176	325	1501	336	0	561	897	0	1368	451	1819	0	0	0	0	
% App. Total	0	78.3	21.7		37.5	0	62.5		0	75.2	24.8		0	0	0		
PHF	.000	.964	.934	.977	.913	.000	.806	.866	.000	.853	.794	.895	.000	.000	.000	.000	

City of Yorba Linda
 N/S: Yorba Linda Blvd/Weir Canyon Rd
 E/W: SR-91 Westbound Ramps
 Weather: Clear

File Name : 17_YLA_Yorba_91W AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

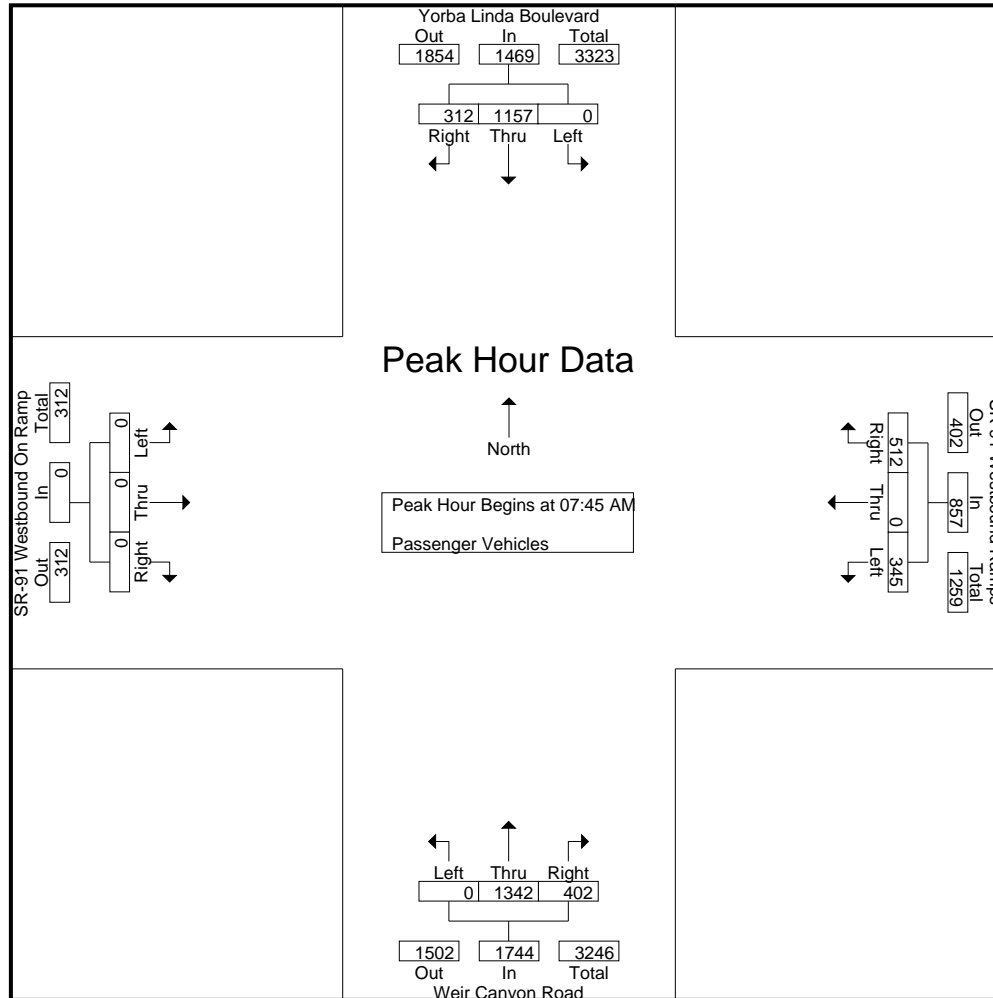
Groups Printed- Passenger Vehicles

Start Time	Yorba Linda Boulevard Southbound					SR-91 Westbound Ramps Westbound					Weir Canyon Road Northbound					SR-91 Westbound On Ramp Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	0	186	81	0	267	54	0	111	70	165	0	191	94	0	285	0	0	0	0	0	70	717	787
07:15 AM	0	209	72	0	281	63	0	97	41	160	0	246	137	0	383	0	0	0	0	0	41	824	865
07:30 AM	0	245	75	0	320	73	0	131	48	204	0	302	142	0	444	0	0	0	0	0	48	968	1016
07:45 AM	0	300	75	0	375	83	0	169	30	252	0	385	104	0	489	0	0	0	0	0	30	1116	1146
Total	0	940	303	0	1243	273	0	508	189	781	0	1124	477	0	1601	0	0	0	0	0	189	3625	3814
08:00 AM	0	292	72	0	364	82	0	122	47	204	0	316	94	0	410	0	0	0	0	0	47	978	1025
08:15 AM	0	278	82	0	360	90	0	116	32	206	0	323	107	0	430	0	0	0	0	0	32	996	1028
08:30 AM	0	287	83	0	370	90	0	105	43	195	0	318	97	0	415	0	0	0	0	0	43	980	1023
08:45 AM	0	255	80	0	335	91	0	129	31	220	0	324	81	0	405	0	0	0	0	0	31	960	991
Total	0	1112	317	0	1429	353	0	472	153	825	0	1281	379	0	1660	0	0	0	0	0	153	3914	4067
Grand Total	0	2052	620	0	2672	626	0	980	342	1606	0	2405	856	0	3261	0	0	0	0	0	342	7539	7881
Apprch %	0	76.8	23.2			39	0	61			0	73.8	26.2			0	0	0					
Total %	0	27.2	8.2		35.4	8.3	0	13		21.3	0	31.9	11.4		43.3	0	0	0			4.3	95.7	

Start Time	Yorba Linda Boulevard Southbound				SR-91 Westbound Ramps Westbound				Weir Canyon Road Northbound				SR-91 Westbound On Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	0	300	75	375	83	0	169	252	0	385	104	489	0	0	0	0	1116
08:00 AM	0	292	72	364	82	0	122	204	0	316	94	410	0	0	0	0	978
08:15 AM	0	278	82	360	90	0	116	206	0	323	107	430	0	0	0	0	996
08:30 AM	0	287	83	370	90	0	105	195	0	318	97	415	0	0	0	0	980
Total Volume	0	1157	312	1469	345	0	512	857	0	1342	402	1744	0	0	0	0	4070
% App. Total	0	78.8	21.2		40.3	0	59.7		0	76.9	23.1		0	0	0		
PHF	.000	.964	.940	.979	.958	.000	.757	.850	.000	.871	.939	.892	.000	.000	.000	.000	.912

City of Yorba Linda
 N/S: Yorba Linda Blvd/Weir Canyon Rd
 E/W: SR-91 Westbound Ramps
 Weather: Clear

File Name : 17_YLA_Yorba_91W AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Yorba Linda Blvd/Weir Canyon Rd
 E/W: SR-91 Westbound Ramps
 Weather: Clear

File Name : 17_YLA_Yorba_91W AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Yorba Linda Boulevard Southbound				SR-91 Westbound Ramps Westbound				Weir Canyon Road Northbound				SR-91 Westbound On Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:45 AM				07:45 AM				07:45 AM				07:45 AM				
+0 mins.	0	300	75	375	83	0	169	252	0	385	104	489	0	0	0	0	
+15 mins.	0	292	72	364	82	0	122	204	0	316	94	410	0	0	0	0	
+30 mins.	0	278	82	360	90	0	116	206	0	323	107	430	0	0	0	0	
+45 mins.	0	287	83	370	90	0	105	195	0	318	97	415	0	0	0	0	
Total Volume	0	1157	312	1469	345	0	512	857	0	1342	402	1744	0	0	0	0	
% App. Total	0	78.8	21.2		40.3	0	59.7		0	76.9	23.1		0	0	0		
PHF	.000	.964	.940	.979	.958	.000	.757	.850	.000	.871	.939	.892	.000	.000	.000	.000	

City of Yorba Linda
 N/S: Yorba Linda Blvd/Weir Canyon Rd
 E/W: SR-91 Westbound Ramps
 Weather: Clear

File Name : 17_YLA_Yorba_91W AM
 Site Code : 05122223
 Start Date : 3/15/2022
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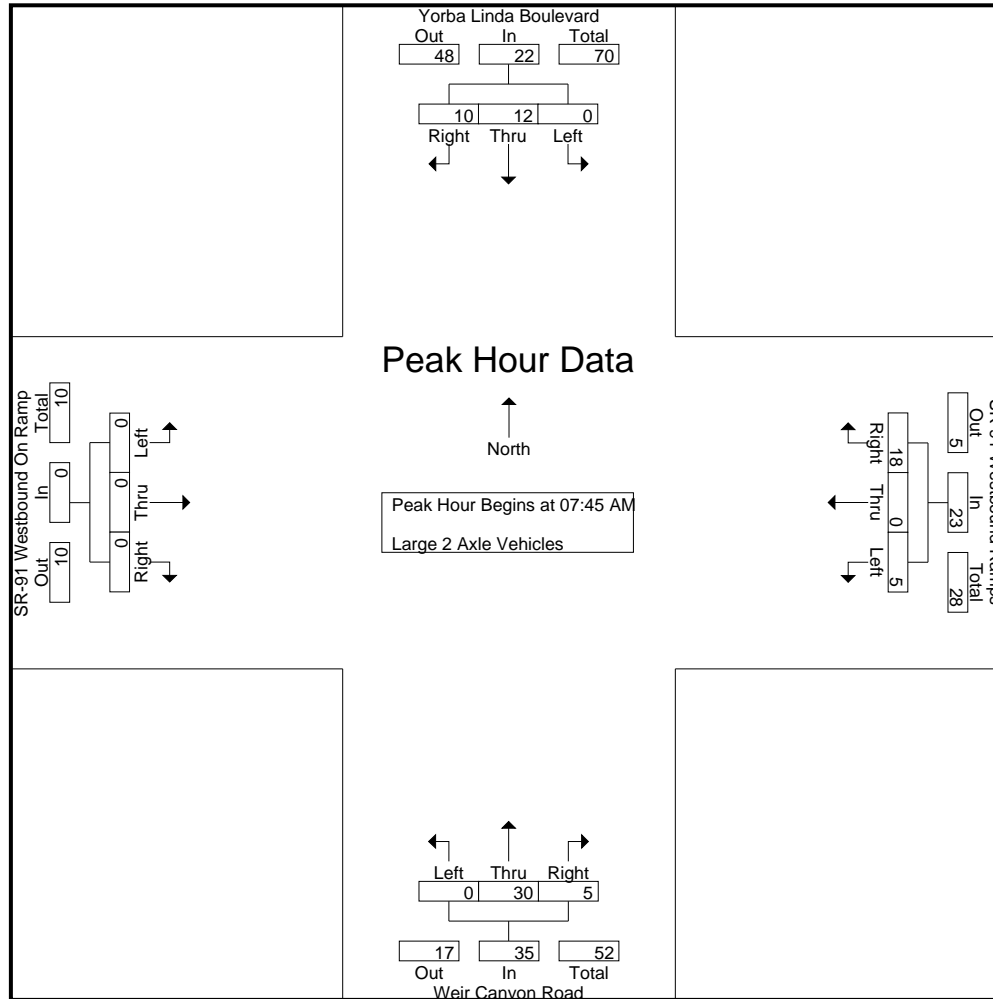
Groups Printed- Large 2 Axle Vehicles

Start Time	Yorba Linda Boulevard Southbound					SR-91 Westbound Ramps Westbound					Weir Canyon Road Northbound					SR-91 Westbound On Ramp Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	0	5	3	0	8	1	0	1	1	2	0	5	0	0	5	0	0	0	0	0	1	15	16
07:15 AM	0	6	5	0	11	1	0	2	1	3	0	4	0	0	4	0	0	0	0	0	1	18	19
07:30 AM	0	0	2	0	2	3	0	4	4	7	0	3	0	0	3	0	0	0	0	0	4	12	16
07:45 AM	0	5	3	0	8	1	0	4	0	5	0	8	3	0	11	0	0	0	0	0	0	24	24
Total	0	16	13	0	29	6	0	11	6	17	0	20	3	0	23	0	0	0	0	0	6	69	75
08:00 AM	0	2	1	0	3	0	0	3	2	3	0	6	0	0	6	0	0	0	0	0	2	12	14
08:15 AM	0	3	2	0	5	1	0	9	4	10	0	9	1	0	10	0	0	0	0	0	4	25	29
08:30 AM	0	2	4	0	6	3	0	2	0	5	0	7	1	0	8	0	0	0	0	0	0	19	19
08:45 AM	0	1	1	0	2	2	0	4	1	6	0	8	1	0	9	0	0	0	0	0	1	17	18
Total	0	8	8	0	16	6	0	18	7	24	0	30	3	0	33	0	0	0	0	0	7	73	80
Grand Total	0	24	21	0	45	12	0	29	13	41	0	50	6	0	56	0	0	0	0	0	13	142	155
Apprch %	0	53.3	46.7			29.3	0	70.7			0	89.3	10.7			0	0	0					
Total %	0	16.9	14.8		31.7	8.5	0	20.4		28.9	0	35.2	4.2		39.4	0	0	0		0	8.4	91.6	

Start Time	Yorba Linda Boulevard Southbound				SR-91 Westbound Ramps Westbound				Weir Canyon Road Northbound				SR-91 Westbound On Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	0	5	3	8	1	0	4	5	0	8	3	11	0	0	0	0	24
08:00 AM	0	2	1	3	0	0	3	3	0	6	0	6	0	0	0	0	12
08:15 AM	0	3	2	5	1	0	9	10	0	9	1	10	0	0	0	0	25
08:30 AM	0	2	4	6	3	0	2	5	0	7	1	8	0	0	0	0	19
Total Volume	0	12	10	22	5	0	18	23	0	30	5	35	0	0	0	0	80
% App. Total	0	54.5	45.5		21.7	0	78.3		0	85.7	14.3		0	0	0		
PHF	.000	.600	.625	.688	.417	.000	.500	.575	.000	.833	.417	.795	.000	.000	.000	.000	.800

City of Yorba Linda
 N/S: Yorba Linda Blvd/Weir Canyon Rd
 E/W: SR-91 Westbound Ramps
 Weather: Clear

File Name : 17_YLA_Yorba_91W AM
 Site Code : 05122223
 Start Date : 3/15/2022
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City of Yorba Linda
 N/S: Yorba Linda Blvd/Weir Canyon Rd
 E/W: SR-91 Westbound Ramps
 Weather: Clear

File Name : 17_YLA_Yorba_91W AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Yorba Linda Boulevard Southbound				SR-91 Westbound Ramps Westbound				Weir Canyon Road Northbound				SR-91 Westbound On Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:45 AM				07:45 AM				07:45 AM				07:45 AM				
+0 mins.	0	5	3	8	1	0	4	5	0	8	3	11	0	0	0	0	
+15 mins.	0	2	1	3	0	0	3	3	0	6	0	6	0	0	0	0	
+30 mins.	0	3	2	5	1	0	9	10	0	9	1	10	0	0	0	0	
+45 mins.	0	2	4	6	3	0	2	5	0	7	1	8	0	0	0	0	
Total Volume	0	12	10	22	5	0	18	23	0	30	5	35	0	0	0	0	
% App. Total	0	54.5	45.5		21.7	0	78.3		0	85.7	14.3		0	0	0		
PHF	.000	.600	.625	.688	.417	.000	.500	.575	.000	.833	.417	.795	.000	.000	.000	.000	

City of Yorba Linda
 N/S: Yorba Linda Blvd/Weir Canyon Rd
 E/W: SR-91 Westbound Ramps
 Weather: Clear

File Name : 17_YLA_Yorba_91W AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

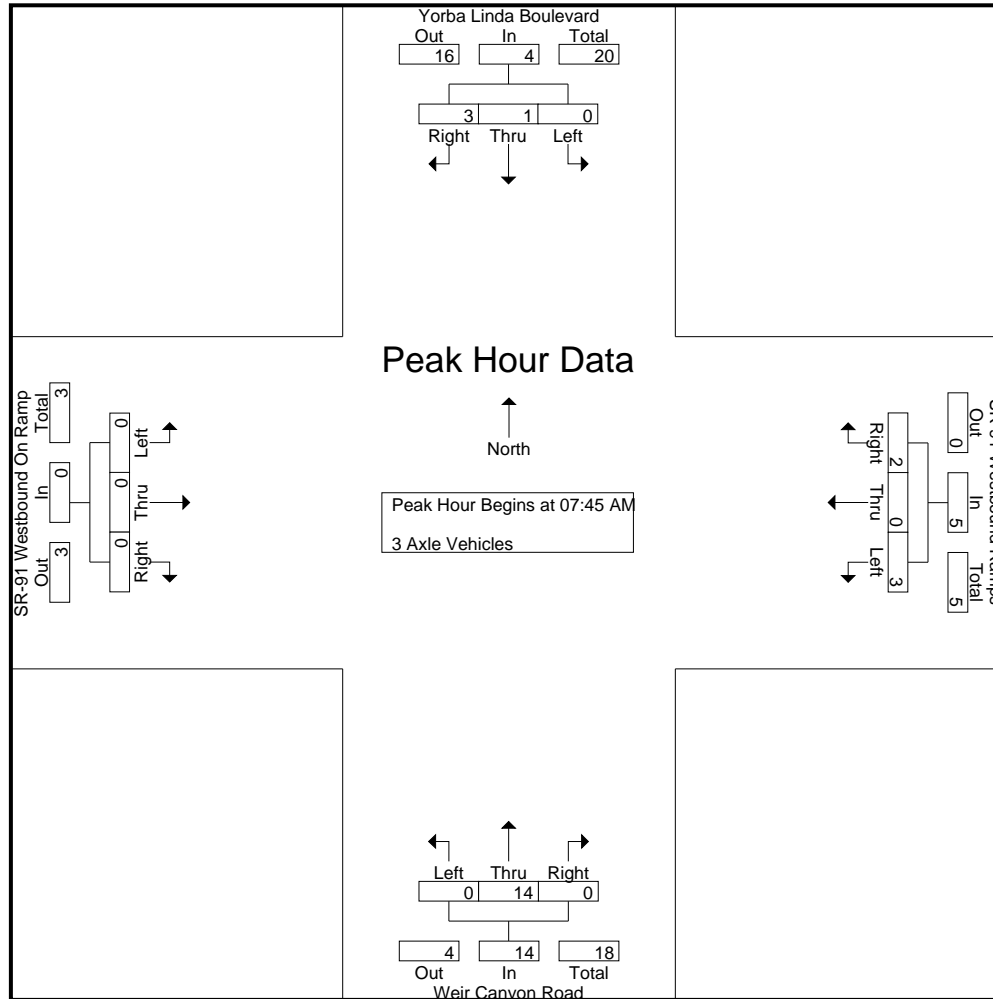
Groups Printed- 3 Axle Vehicles

Start Time	Yorba Linda Boulevard Southbound					SR-91 Westbound Ramps Westbound					Weir Canyon Road Northbound					SR-91 Westbound On Ramp Eastbound					Exclu. Total	Inclu. Total	Int. Total	
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total				
07:00 AM	0	1	0	0	1	1	0	0	0	1	0	5	0	0	5	0	0	0	0	0	0	0	7	7
07:15 AM	0	0	0	0	0	1	0	0	0	1	0	3	0	0	3	0	0	0	0	0	0	0	4	4
07:30 AM	0	0	1	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	2	2
07:45 AM	0	0	1	0	1	1	0	0	0	1	0	8	0	0	8	0	0	0	0	0	0	0	10	10
Total	0	1	2	0	3	3	0	0	0	3	0	17	0	0	17	0	0	0	0	0	0	0	23	23
08:00 AM	0	0	1	0	1	1	0	0	0	1	0	4	0	0	4	0	0	0	0	0	0	0	6	6
08:15 AM	0	0	1	0	1	1	0	1	1	2	0	0	0	0	0	0	0	0	0	0	1	3	4	4
08:30 AM	0	1	0	0	1	0	0	1	0	1	0	2	0	0	2	0	0	0	0	0	0	4	4	4
08:45 AM	0	0	1	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2	2	2
Total	0	1	3	0	4	2	0	2	1	4	0	7	0	0	7	0	0	0	0	0	1	15	16	16
Grand Total	0	2	5	0	7	5	0	2	1	7	0	24	0	0	24	0	0	0	0	0	1	38	39	39
Apprch %	0	28.6	71.4			71.4	0	28.6			0	100	0			0	0	0						
Total %	0	5.3	13.2		18.4	13.2	0	5.3		18.4	0	63.2	0		63.2	0	0	0		0	2.6	97.4		

Start Time	Yorba Linda Boulevard Southbound				SR-91 Westbound Ramps Westbound				Weir Canyon Road Northbound				SR-91 Westbound On Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	0	0	1	1	1	0	0	1	0	8	0	8	0	0	0	0	10
08:00 AM	0	0	1	1	1	0	0	1	0	4	0	4	0	0	0	0	6
08:15 AM	0	0	1	1	1	0	1	2	0	0	0	0	0	0	0	0	3
08:30 AM	0	1	0	1	0	0	1	1	0	2	0	2	0	0	0	0	4
Total Volume	0	1	3	4	3	0	2	5	0	14	0	14	0	0	0	0	23
% App. Total	0	25	75		60	0	40		0	100	0		0	0	0		
PHF	.000	.250	.750	1.00	.750	.000	.500	.625	.000	.438	.000	.438	.000	.000	.000	.000	.575

City of Yorba Linda
 N/S: Yorba Linda Blvd/Weir Canyon Rd
 E/W: SR-91 Westbound Ramps
 Weather: Clear

File Name : 17_YLA_Yorba_91W AM
 Site Code : 05122223
 Start Date : 3/15/2022
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City of Yorba Linda
 N/S: Yorba Linda Blvd/Weir Canyon Rd
 E/W: SR-91 Westbound Ramps
 Weather: Clear

File Name : 17_YLA_Yorba_91W AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Yorba Linda Boulevard Southbound				SR-91 Westbound Ramps Westbound				Weir Canyon Road Northbound				SR-91 Westbound On Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:45 AM				07:45 AM				07:45 AM				07:45 AM				
+0 mins.	0	0	1	1	1	0	0	1	0	8	0	8	0	0	0	0	
+15 mins.	0	0	1	1	1	0	0	1	0	4	0	4	0	0	0	0	
+30 mins.	0	0	1	1	1	0	1	2	0	0	0	0	0	0	0	0	
+45 mins.	0	1	0	1	0	0	1	1	0	2	0	2	0	0	0	0	
Total Volume	0	1	3	4	3	0	2	5	0	14	0	14	0	0	0	0	
% App. Total	0	25	75		60	0	40		0	100	0		0	0	0		
PHF	.000	.250	.750	1.000	.750	.000	.500	.625	.000	.438	.000	.438	.000	.000	.000	.000	

City of Yorba Linda
 N/S: Yorba Linda Blvd/Weir Canyon Rd
 E/W: SR-91 Westbound Ramps
 Weather: Clear

File Name : 17_YLA_Yorba_91W AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

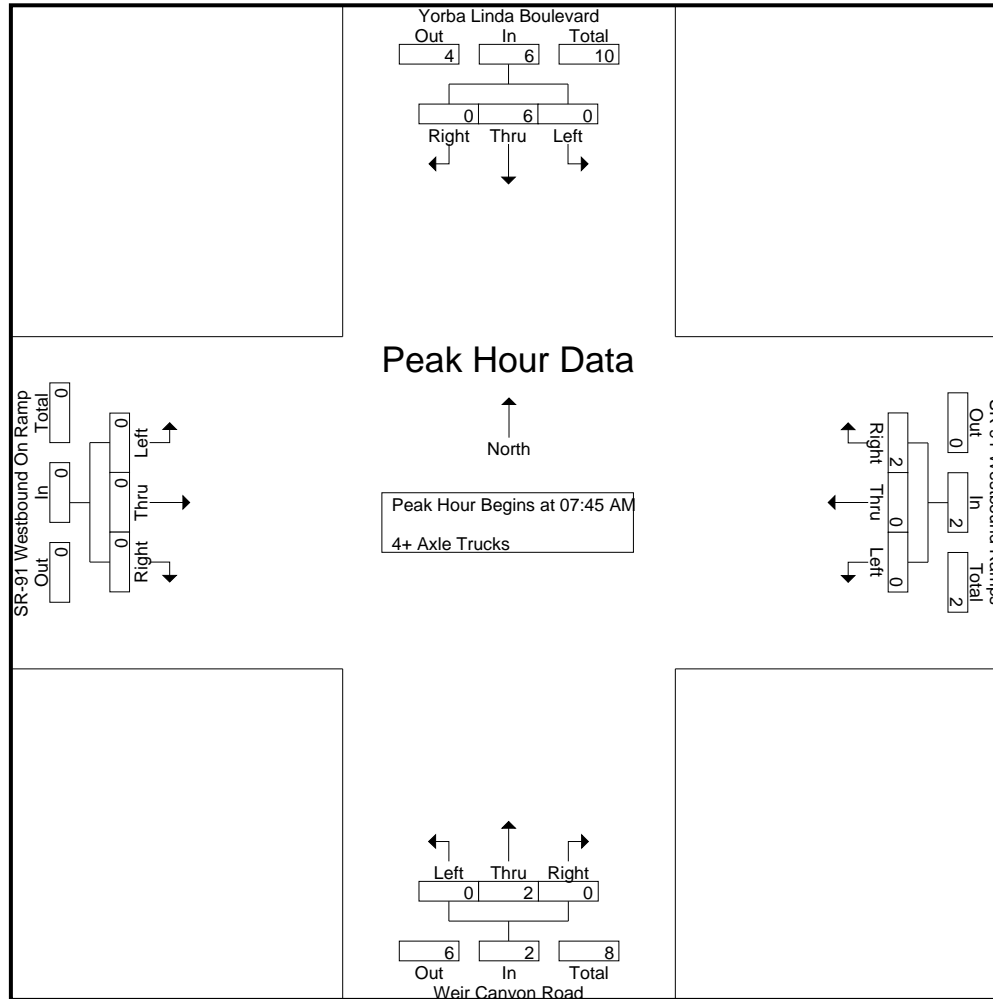
Groups Printed- 4+ Axle Trucks

Start Time	Yorba Linda Boulevard Southbound					SR-91 Westbound Ramps Westbound					Weir Canyon Road Northbound					SR-91 Westbound On Ramp Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	0	0	2	0	2	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	3	4
07:15 AM	0	1	1	0	2	0	0	1	1	1	0	1	0	0	1	0	0	0	0	0	1	4	5
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	1
07:45 AM	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1
Total	0	1	3	0	4	0	0	3	2	3	0	2	0	0	2	0	0	0	0	0	2	9	11
08:00 AM	0	4	0	0	4	0	0	1	1	1	0	1	0	0	1	0	0	0	0	0	1	6	7
08:15 AM	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	3	3
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45 AM	0	1	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
Total	0	7	2	0	9	0	0	1	1	1	0	2	0	0	2	0	0	0	0	0	1	12	13
Grand Total	0	8	5	0	13	0	0	4	3	4	0	4	0	0	4	0	0	0	0	0	3	21	24
Apprch %	0	61.5	38.5			0	0	100			0	100	0			0	0	0					
Total %	0	38.1	23.8		61.9	0	0	19		19	0	19	0		19	0	0	0		0	12.5	87.5	

Start Time	Yorba Linda Boulevard Southbound				SR-91 Westbound Ramps Westbound				Weir Canyon Road Northbound				SR-91 Westbound On Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1
08:00 AM	0	4	0	4	0	0	1	1	0	1	0	1	0	0	0	0	6
08:15 AM	0	2	0	2	0	0	0	0	0	1	0	1	0	0	0	0	3
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	6	0	6	0	0	2	2	0	2	0	2	0	0	0	0	10
% App. Total	0	100	0		0	0	100		0	100	0		0	0	0		
PHF	.000	.375	.000	.375	.000	.000	.500	.500	.000	.500	.000	.500	.000	.000	.000	.000	.417

City of Yorba Linda
 N/S: Yorba Linda Blvd/Weir Canyon Rd
 E/W: SR-91 Westbound Ramps
 Weather: Clear

File Name : 17_YLA_Yorba_91W AM
 Site Code : 05122223
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City of Yorba Linda
 N/S: Yorba Linda Blvd/Weir Canyon Rd
 E/W: SR-91 Westbound Ramps
 Weather: Clear

File Name : 17_YLA_Yorba_91W AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Yorba Linda Boulevard Southbound				SR-91 Westbound Ramps Westbound				Weir Canyon Road Northbound				SR-91 Westbound On Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:45 AM				07:45 AM				07:45 AM				07:45 AM				
+0 mins.	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	
+15 mins.	0	4	0	4	0	0	1	1	0	1	0	1	0	0	0	0	
+30 mins.	0	2	0	2	0	0	0	0	0	1	0	1	0	0	0	0	
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total Volume	0	6	0	6	0	0	2	2	0	2	0	2	0	0	0	0	
% App. Total	0	100	0		0	0	100		0	100	0		0	0	0		
PHF	.000	.375	.000	.375	.000	.000	.500	.500	.000	.500	.000	.500	.000	.000	.000	.000	

City of Yorba Linda
 N/S: Yorba Linda Blvd/Weir Canyon Rd
 E/W: SR-91 Westbound Ramps
 Weather: Clear

File Name : 17_YLA_Yorba_91W PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

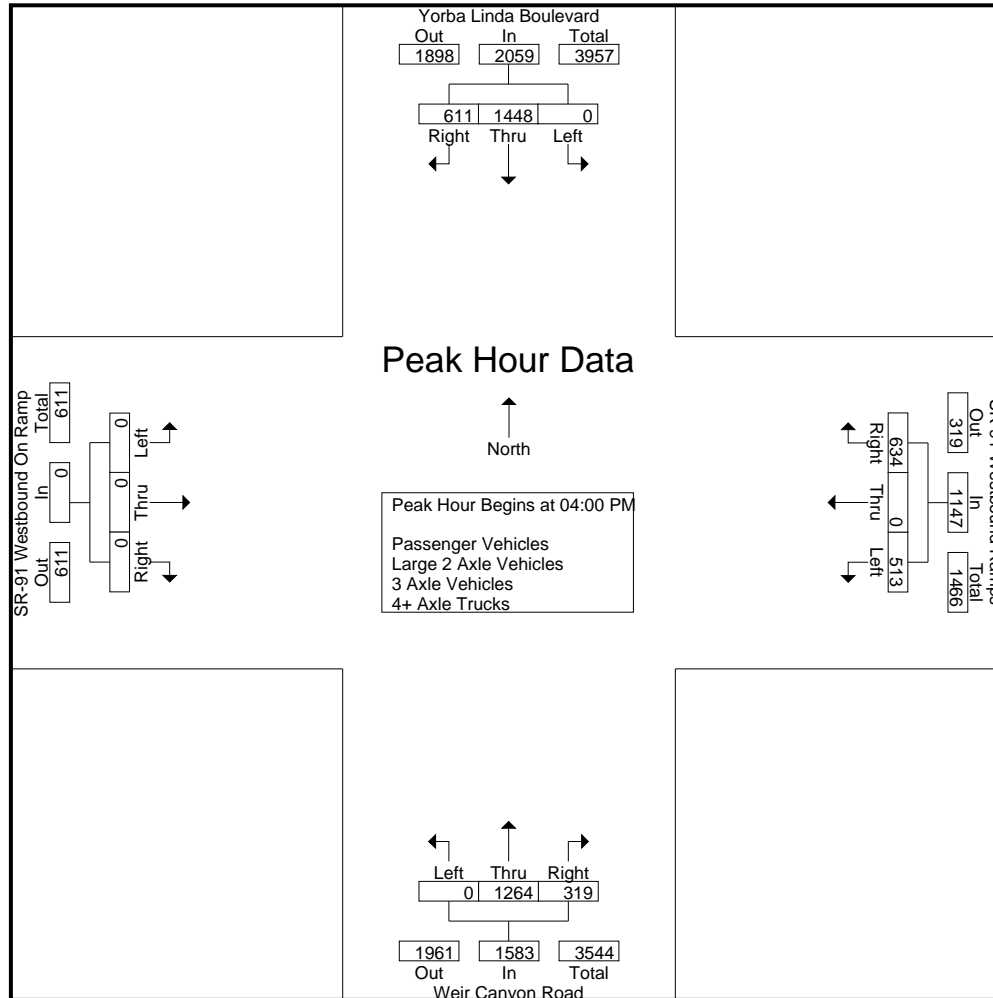
Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

Start Time	Yorba Linda Boulevard Southbound					SR-91 Westbound Ramps Westbound					Weir Canyon Road Northbound					SR-91 Westbound On Ramp Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	0	388	163	0	551	86	0	124	33	210	0	333	81	0	414	0	0	0	0	0	33	1175	1208
04:15 PM	0	347	144	0	491	140	0	151	47	291	0	314	72	0	386	0	0	0	0	0	47	1168	1215
04:30 PM	0	325	182	0	507	138	0	171	57	309	0	282	93	0	375	0	0	0	0	0	57	1191	1248
04:45 PM	0	388	122	0	510	149	0	188	45	337	0	335	73	0	408	0	0	0	0	0	45	1255	1300
Total	0	1448	611	0	2059	513	0	634	182	1147	0	1264	319	0	1583	0	0	0	0	0	182	4789	4971
05:00 PM	0	367	152	0	519	106	0	131	52	237	0	311	98	0	409	0	0	0	0	0	52	1165	1217
05:15 PM	0	389	137	0	526	92	0	133	54	225	0	318	93	0	411	0	0	0	0	0	54	1162	1216
05:30 PM	0	346	125	0	471	140	0	133	39	273	0	321	92	0	413	0	0	0	0	0	39	1157	1196
05:45 PM	0	371	115	0	486	171	0	156	36	327	0	362	81	0	443	0	0	0	0	0	36	1256	1292
Total	0	1473	529	0	2002	509	0	553	181	1062	0	1312	364	0	1676	0	0	0	0	0	181	4740	4921
Grand Total	0	2921	1140	0	4061	1022	0	1187	363	2209	0	2576	683	0	3259	0	0	0	0	0	363	9529	9892
Apprch %	0	71.9	28.1			46.3	0	53.7			0	79	21			0	0	0					
Total %	0	30.7	12		42.6	10.7	0	12.5		23.2	0	27	7.2		34.2	0	0	0		0	3.7	96.3	
Passenger Vehicles	0	2901	1124		4025	1011	0	1176		2548	0	2554	675		3229	0	0	0		0	0	0	9802
% Passenger Vehicles	0	99.3	98.6	0	99.1	98.9	0	99.1	99.4	99.1	0	99.1	98.8	0	99.1	0	0	0	0	0	0	0	99.1
Large 2 Axle Vehicles	0	17	11		28	7	0	8		17	0	19	6		25	0	0	0		0	0	0	70
% Large 2 Axle Vehicles	0	0.6	1	0	0.7	0.7	0	0.7	0.6	0.7	0	0.7	0.9	0	0.8	0	0	0	0	0	0	0	0.7
3 Axle Vehicles	0	1	2		3	4	0	1		5	0	1	0		1	0	0	0		0	0	0	9
% 3 Axle Vehicles	0	0	0.2	0	0.1	0.4	0	0.1	0	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0.1
4+ Axle Trucks	0	2	3		5	0	0	2		2	0	2	2		4	0	0	0		0	0	0	11
% 4+ Axle Trucks	0	0.1	0.3	0	0.1	0	0	0.2	0	0.1	0	0.1	0.3	0	0.1	0	0	0	0	0	0	0	0.1

Start Time	Yorba Linda Boulevard Southbound				SR-91 Westbound Ramps Westbound				Weir Canyon Road Northbound				SR-91 Westbound On Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:00 PM																	
04:00 PM	0	388	163	551	86	0	124	210	0	333	81	414	0	0	0	0	1175
04:15 PM	0	347	144	491	140	0	151	291	0	314	72	386	0	0	0	0	1168
04:30 PM	0	325	182	507	138	0	171	309	0	282	93	375	0	0	0	0	1191
04:45 PM	0	388	122	510	149	0	188	337	0	335	73	408	0	0	0	0	1255
Total Volume	0	1448	611	2059	513	0	634	1147	0	1264	319	1583	0	0	0	0	4789
% App. Total	0	70.3	29.7		44.7	0	55.3		0	79.8	20.2		0	0	0		
PHF	.000	.933	.839	.934	.861	.000	.843	.851	.000	.943	.858	.956	.000	.000	.000	.000	.954

City of Yorba Linda
 N/S: Yorba Linda Blvd/Weir Canyon Rd
 E/W: SR-91 Westbound Ramps
 Weather: Clear

File Name : 17_YLA_Yorba_91W PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Yorba Linda Blvd/Weir Canyon Rd
 E/W: SR-91 Westbound Ramps
 Weather: Clear

File Name : 17_YLA_Yorba_91W PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Yorba Linda Boulevard Southbound				SR-91 Westbound Ramps Westbound				Weir Canyon Road Northbound				SR-91 Westbound On Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:30 PM				04:15 PM				05:00 PM				04:00 PM				
+0 mins.	0	325	182	507	140	0	151	291	0	311	98	409	0	0	0	0	
+15 mins.	0	388	122	510	138	0	171	309	0	318	93	411	0	0	0	0	
+30 mins.	0	367	152	519	149	0	188	337	0	321	92	413	0	0	0	0	
+45 mins.	0	389	137	526	106	0	131	237	0	362	81	443	0	0	0	0	
Total Volume	0	1469	593	2062	533	0	641	1174	0	1312	364	1676	0	0	0	0	
% App. Total	0	71.2	28.8		45.4	0	54.6		0	78.3	21.7		0	0	0		
PHF	.000	.944	.815	.980	.894	.000	.852	.871	.000	.906	.929	.946	.000	.000	.000	.000	

City of Yorba Linda
 N/S: Yorba Linda Blvd/Weir Canyon Rd
 E/W: SR-91 Westbound Ramps
 Weather: Clear

File Name : 17_YLA_Yorba_91W PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

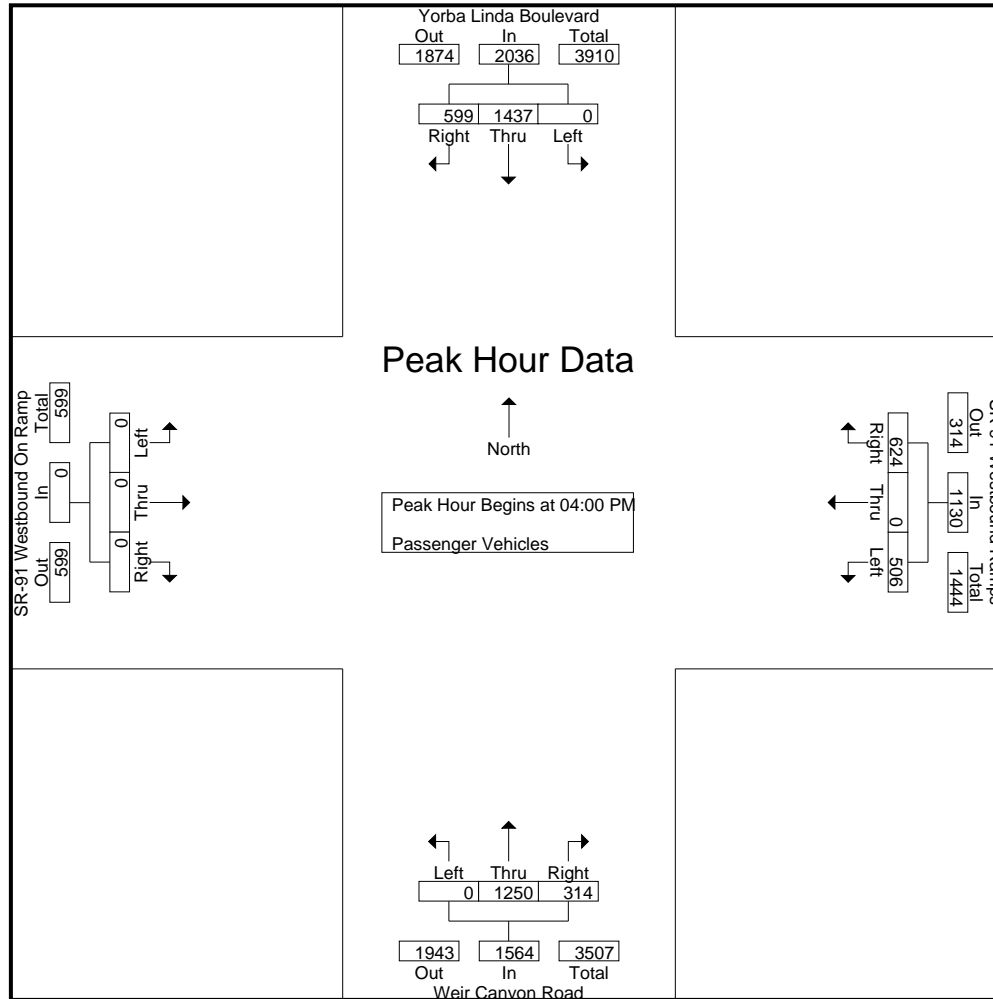
Groups Printed- Passenger Vehicles

Start Time	Yorba Linda Boulevard Southbound					SR-91 Westbound Ramps Westbound					Weir Canyon Road Northbound					SR-91 Westbound On Ramp Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	0	383	160	0	543	84	0	121	32	205	0	329	81	0	410	0	0	0	0	0	32	1158	1190
04:15 PM	0	345	139	0	484	137	0	149	47	286	0	308	71	0	379	0	0	0	0	0	47	1149	1196
04:30 PM	0	323	178	0	501	137	0	169	57	306	0	281	91	0	372	0	0	0	0	0	57	1179	1236
04:45 PM	0	386	122	0	508	148	0	185	45	333	0	332	71	0	403	0	0	0	0	0	45	1244	1289
Total	0	1437	599	0	2036	506	0	624	181	1130	0	1250	314	0	1564	0	0	0	0	0	181	4730	4911
05:00 PM	0	363	150	0	513	106	0	131	52	237	0	310	97	0	407	0	0	0	0	0	52	1157	1209
05:15 PM	0	389	136	0	525	92	0	133	54	225	0	315	92	0	407	0	0	0	0	0	54	1157	1211
05:30 PM	0	343	125	0	468	138	0	133	39	271	0	319	91	0	410	0	0	0	0	0	39	1149	1188
05:45 PM	0	369	114	0	483	169	0	155	35	324	0	360	81	0	441	0	0	0	0	0	35	1248	1283
Total	0	1464	525	0	1989	505	0	552	180	1057	0	1304	361	0	1665	0	0	0	0	0	180	4711	4891
Grand Total	0	2901	1124	0	4025	1011	0	1176	361	2187	0	2554	675	0	3229	0	0	0	0	0	361	9441	9802
Apprch %	0	72.1	27.9			46.2	0	53.8			0	79.1	20.9			0	0	0					
Total %	0	30.7	11.9		42.6	10.7	0	12.5		23.2	0	27.1	7.1		34.2	0	0	0			3.7	96.3	

Start Time	Yorba Linda Boulevard Southbound				SR-91 Westbound Ramps Westbound				Weir Canyon Road Northbound				SR-91 Westbound On Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:00 PM																	
04:00 PM	0	383	160	543	84	0	121	205	0	329	81	410	0	0	0	0	1158
04:15 PM	0	345	139	484	137	0	149	286	0	308	71	379	0	0	0	0	1149
04:30 PM	0	323	178	501	137	0	169	306	0	281	91	372	0	0	0	0	1179
04:45 PM	0	386	122	508	148	0	185	333	0	332	71	403	0	0	0	0	1244
Total Volume	0	1437	599	2036	506	0	624	1130	0	1250	314	1564	0	0	0	0	4730
% App. Total	0	70.6	29.4		44.8	0	55.2		0	79.9	20.1		0	0	0		
PHF	.000	.931	.841	.937	.855	.000	.843	.848	.000	.941	.863	.954	.000	.000	.000	.000	.951

City of Yorba Linda
 N/S: Yorba Linda Blvd/Weir Canyon Rd
 E/W: SR-91 Westbound Ramps
 Weather: Clear

File Name : 17_YLA_Yorba_91W PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Yorba Linda Blvd/Weir Canyon Rd
 E/W: SR-91 Westbound Ramps
 Weather: Clear

File Name : 17_YLA_Yorba_91W PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Yorba Linda Boulevard Southbound				SR-91 Westbound Ramps Westbound				Weir Canyon Road Northbound				SR-91 Westbound On Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:00 PM				04:00 PM				04:00 PM				04:00 PM				
+0 mins.	0	383	160	543	84	0	121	205	0	329	81	410	0	0	0	0	
+15 mins.	0	345	139	484	137	0	149	286	0	308	71	379	0	0	0	0	
+30 mins.	0	323	178	501	137	0	169	306	0	281	91	372	0	0	0	0	
+45 mins.	0	386	122	508	148	0	185	333	0	332	71	403	0	0	0	0	
Total Volume	0	1437	599	2036	506	0	624	1130	0	1250	314	1564	0	0	0	0	
% App. Total	0	70.6	29.4		44.8	0	55.2		0	79.9	20.1		0	0	0		
PHF	.000	.931	.841	.937	.855	.000	.843	.848	.000	.941	.863	.954	.000	.000	.000	.000	

City of Yorba Linda
 N/S: Yorba Linda Blvd/Weir Canyon Rd
 E/W: SR-91 Westbound Ramps
 Weather: Clear

File Name : 17_YLA_Yorba_91W PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

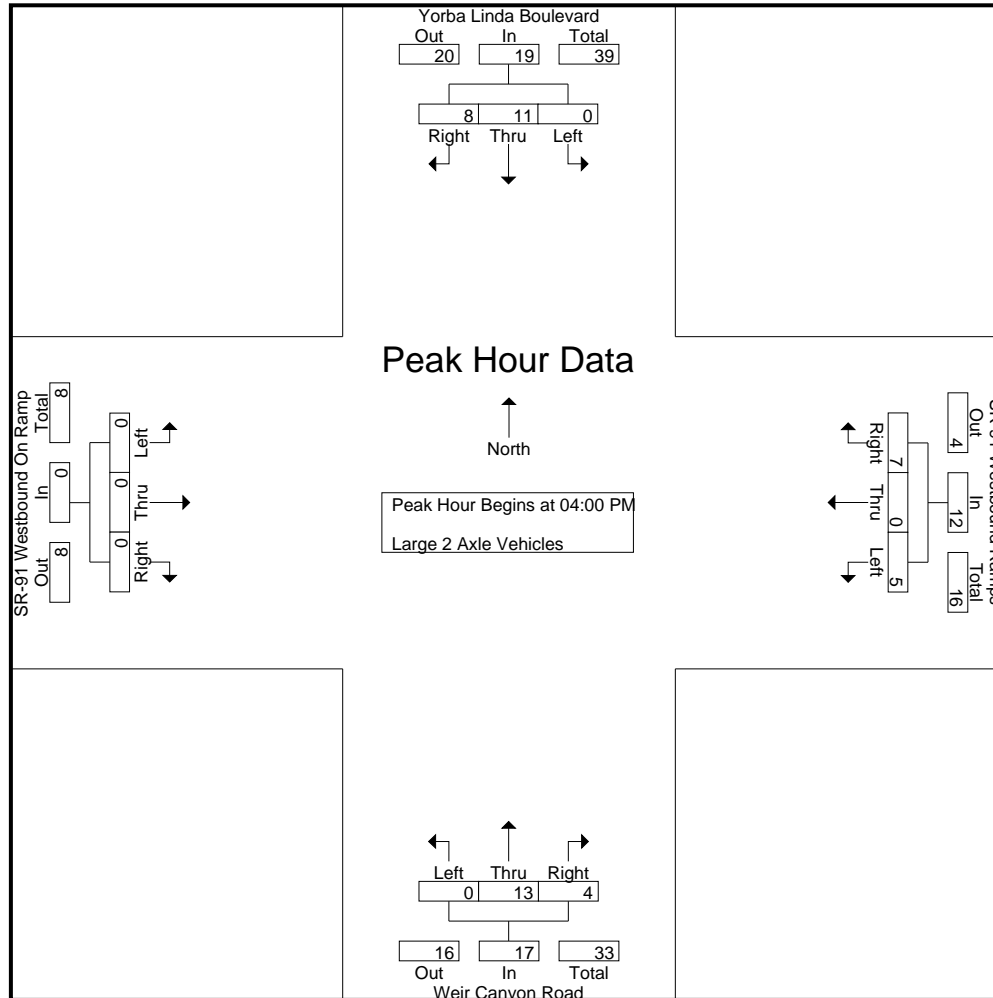
Groups Printed- Large 2 Axle Vehicles

Start Time	Yorba Linda Boulevard Southbound					SR-91 Westbound Ramps Westbound					Weir Canyon Road Northbound					SR-91 Westbound On Ramp Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	0	5	3	0	8	1	0	3	1	4	0	4	0	0	4	0	0	0	0	0	1	16	17
04:15 PM	0	2	2	0	4	2	0	2	0	4	0	6	1	0	7	0	0	0	0	0	0	15	15
04:30 PM	0	2	3	0	5	1	0	1	0	2	0	1	2	0	3	0	0	0	0	0	0	10	10
04:45 PM	0	2	0	0	2	1	0	1	0	2	0	2	1	0	3	0	0	0	0	0	0	7	7
Total	0	11	8	0	19	5	0	7	1	12	0	13	4	0	17	0	0	0	0	0	1	48	49
05:00 PM	0	3	2	0	5	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	7	7
05:15 PM	0	0	1	0	1	0	0	0	0	0	0	2	1	0	3	0	0	0	0	0	0	4	4
05:30 PM	0	2	0	0	2	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	0	4	4
05:45 PM	0	1	0	0	1	1	0	1	1	2	0	2	0	0	2	0	0	0	0	0	1	5	6
Total	0	6	3	0	9	2	0	1	1	3	0	6	2	0	8	0	0	0	0	0	1	20	21
Grand Total	0	17	11	0	28	7	0	8	2	15	0	19	6	0	25	0	0	0	0	0	2	68	70
Apprch %	0	60.7	39.3			46.7	0	53.3			0	76	24			0	0	0					
Total %	0	25	16.2		41.2	10.3	0	11.8		22.1	0	27.9	8.8		36.8	0	0	0		0	2.9	97.1	

Start Time	Yorba Linda Boulevard Southbound				SR-91 Westbound Ramps Westbound				Weir Canyon Road Northbound				SR-91 Westbound On Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:00 PM																	
04:00 PM	0	5	3	8	1	0	3	4	0	4	0	4	0	0	0	0	16
04:15 PM	0	2	2	4	2	0	2	4	0	6	1	7	0	0	0	0	15
04:30 PM	0	2	3	5	1	0	1	2	0	1	2	3	0	0	0	0	10
04:45 PM	0	2	0	2	1	0	1	2	0	2	1	3	0	0	0	0	7
Total Volume	0	11	8	19	5	0	7	12	0	13	4	17	0	0	0	0	48
% App. Total	0	57.9	42.1		41.7	0	58.3		0	76.5	23.5		0	0	0		
PHF	.000	.550	.667	.594	.625	.000	.583	.750	.000	.542	.500	.607	.000	.000	.000	.000	.750

City of Yorba Linda
 N/S: Yorba Linda Blvd/Weir Canyon Rd
 E/W: SR-91 Westbound Ramps
 Weather: Clear

File Name : 17_YLA_Yorba_91W PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Yorba Linda Blvd/Weir Canyon Rd
 E/W: SR-91 Westbound Ramps
 Weather: Clear

File Name : 17_YLA_Yorba_91W PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Yorba Linda Boulevard Southbound				SR-91 Westbound Ramps Westbound				Weir Canyon Road Northbound				SR-91 Westbound On Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:00 PM				04:00 PM				04:00 PM				04:00 PM				
+0 mins.	0	5	3	8	1	0	3	4	0	4	0	4	0	0	0	0	
+15 mins.	0	2	2	4	2	0	2	4	0	6	1	7	0	0	0	0	
+30 mins.	0	2	3	5	1	0	1	2	0	1	2	3	0	0	0	0	
+45 mins.	0	2	0	2	1	0	1	2	0	2	1	3	0	0	0	0	
Total Volume	0	11	8	19	5	0	7	12	0	13	4	17	0	0	0	0	
% App. Total	0	57.9	42.1		41.7	0	58.3		0	76.5	23.5		0	0	0		
PHF	.000	.550	.667	.594	.625	.000	.583	.750	.000	.542	.500	.607	.000	.000	.000	.000	

City of Yorba Linda
 N/S: Yorba Linda Blvd/Weir Canyon Rd
 E/W: SR-91 Westbound Ramps
 Weather: Clear

File Name : 17_YLA_Yorba_91W PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

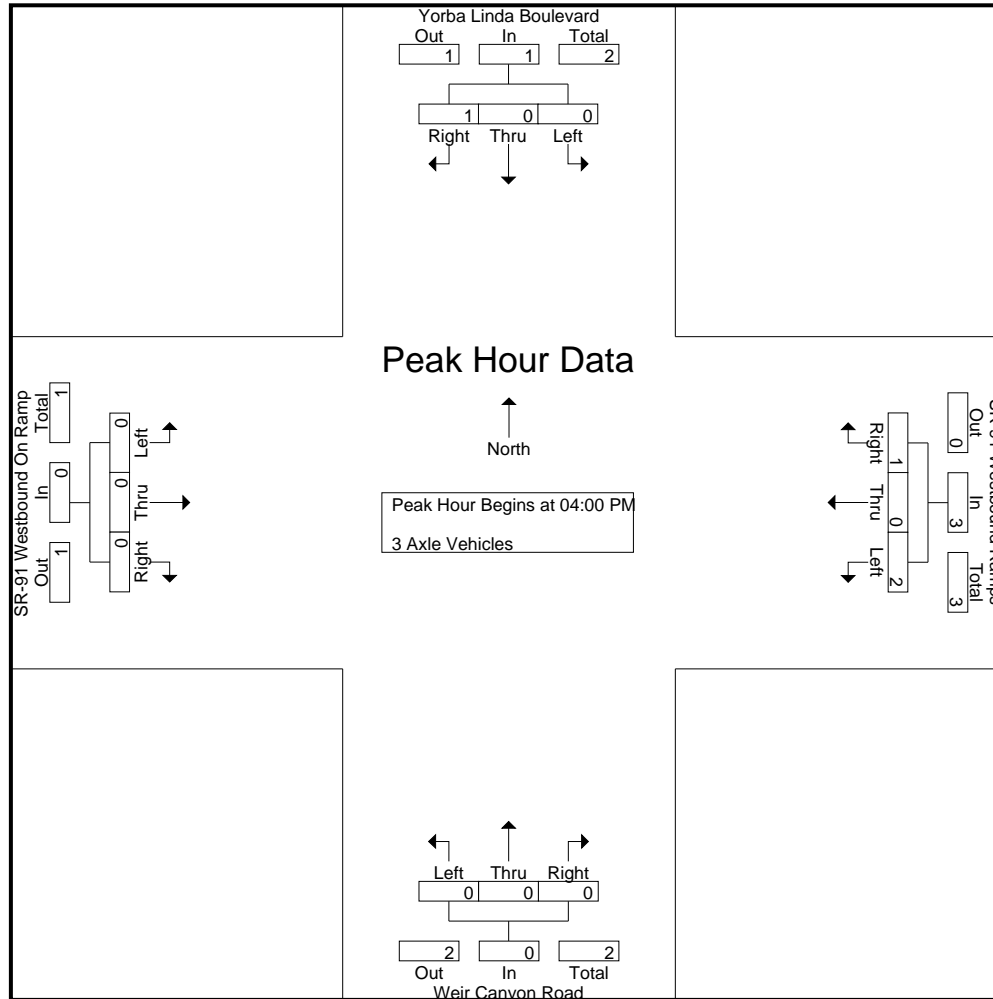
Groups Printed- 3 Axle Vehicles

Start Time	Yorba Linda Boulevard Southbound					SR-91 Westbound Ramps Westbound					Weir Canyon Road Northbound					SR-91 Westbound On Ramp Eastbound					Exclu. Total	Inclu. Total	Int. Total	
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total				
04:00 PM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1
04:15 PM	0	0	1	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	2
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Total	0	0	1	0	1	2	0	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	4	4
05:00 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	0	0	2	2
05:45 PM	0	0	1	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	2
Total	0	1	1	0	2	2	0	0	0	2	0	1	0	0	1	0	0	0	0	0	0	0	5	5
Grand Total	0	1	2	0	3	4	0	1	0	5	0	1	0	0	1	0	0	0	0	0	0	0	9	9
Apprch %	0	33.3	66.7			80	0	20			0	100	0			0	0	0			0	0		
Total %	0	11.1	22.2		33.3	44.4	0	11.1		55.6	0	11.1	0		11.1	0	0	0		0	0	0	100	

Start Time	Yorba Linda Boulevard Southbound				SR-91 Westbound Ramps Westbound				Weir Canyon Road Northbound				SR-91 Westbound On Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:00 PM																	
04:00 PM	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0
04:15 PM	0	0	1	1	1	0	0	1	0	0	0	0	0	0	0	0	2
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1
Total Volume	0	0	1	1	2	0	1	3	0	0	0	0	0	0	0	0	4
% App. Total	0	0	100		66.7	0	33.3		0	0	0		0	0	0		
PHF	.000	.000	.250	.250	.500	.000	.250	.750	.000	.000	.000	.000	.000	.000	.000	.000	.500

City of Yorba Linda
 N/S: Yorba Linda Blvd/Weir Canyon Rd
 E/W: SR-91 Westbound Ramps
 Weather: Clear

File Name : 17_YLA_Yorba_91W PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Yorba Linda Blvd/Weir Canyon Rd
 E/W: SR-91 Westbound Ramps
 Weather: Clear

File Name : 17_YLA_Yorba_91W PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Yorba Linda Boulevard Southbound				SR-91 Westbound Ramps Westbound				Weir Canyon Road Northbound				SR-91 Westbound On Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:00 PM				04:00 PM				04:00 PM				04:00 PM				
+0 mins.	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	
+15 mins.	0	0	1	1	1	0	0	1	0	0	0	0	0	0	0	0	
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
+45 mins.	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	
Total Volume	0	0	1	1	2	0	1	3	0	0	0	0	0	0	0	0	
% App. Total	0	0	100		66.7	0	33.3		0	0	0		0	0	0		
PHF	.000	.000	.250	.250	.500	.000	.250	.750	.000	.000	.000	.000	.000	.000	.000	.000	

City of Yorba Linda
 N/S: Yorba Linda Blvd/Weir Canyon Rd
 E/W: SR-91 Westbound Ramps
 Weather: Clear

File Name : 17_YLA_Yorba_91W PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

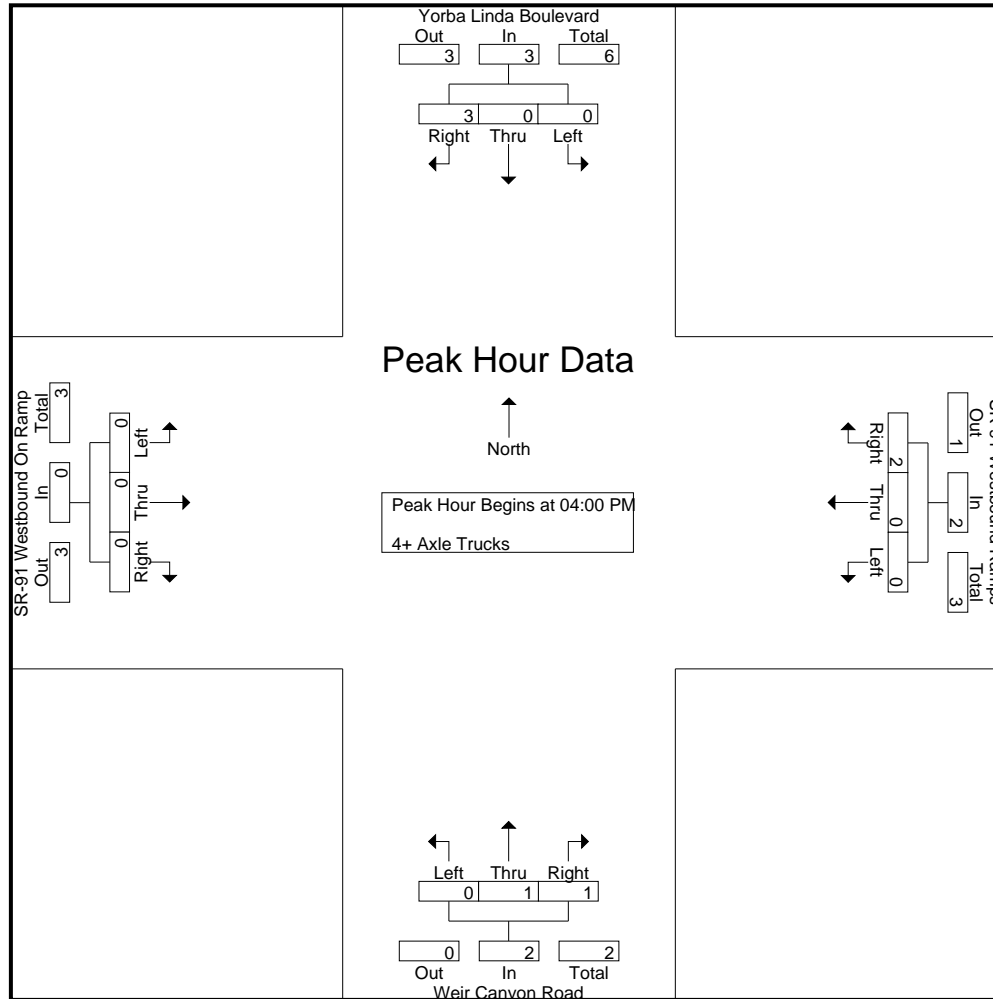
Groups Printed- 4+ Axle Trucks

Start Time	Yorba Linda Boulevard Southbound					SR-91 Westbound Ramps Westbound					Weir Canyon Road Northbound					SR-91 Westbound On Ramp Eastbound					Exclu. Total	Inclu. Total	Int. Total			
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total						
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
04:30 PM	0	0	1	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
04:45 PM	0	0	0	0	0	0	0	1	0	1	0	1	1	0	2	0	0	0	0	0	0	0	0	0	3	3
Total	0	0	3	0	3	0	0	2	0	2	0	1	1	0	2	0	0	0	0	0	0	0	0	0	7	7
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	1	1
05:30 PM	0	1	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2	2
05:45 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Total	0	2	0	0	2	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0	4	4
Grand Total	0	2	3	0	5	0	0	2	0	2	0	2	2	0	4	0	0	0	0	0	0	0	0	0	11	11
Apprch %	0	40	60			0	0	100			0	50	50			0	0	0			0	0	0	0		
Total %	0	18.2	27.3		45.5	0	0	18.2		18.2	0	18.2	18.2		36.4	0	0	0		0	0	0	0	0	100	

Start Time	Yorba Linda Boulevard Southbound				SR-91 Westbound Ramps Westbound				Weir Canyon Road Northbound				SR-91 Westbound On Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:00 PM																	
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	2
04:30 PM	0	0	1	1	0	0	1	1	0	0	0	0	0	0	0	0	2
04:45 PM	0	0	0	0	0	0	1	1	0	1	1	2	0	0	0	0	3
Total Volume	0	0	3	3	0	0	2	2	0	1	1	2	0	0	0	0	7
% App. Total	0	0	100		0	0	100		0	50	50		0	0	0		
PHF	.000	.000	.375	.375	.000	.000	.500	.500	.000	.250	.250	.250	.000	.000	.000	.000	.583

City of Yorba Linda
 N/S: Yorba Linda Blvd/Weir Canyon Rd
 E/W: SR-91 Westbound Ramps
 Weather: Clear

File Name : 17_YLA_Yorba_91W PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Yorba Linda
 N/S: Yorba Linda Blvd/Weir Canyon Rd
 E/W: SR-91 Westbound Ramps
 Weather: Clear

File Name : 17_YLA_Yorba_91W PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Yorba Linda Boulevard Southbound				SR-91 Westbound Ramps Westbound				Weir Canyon Road Northbound				SR-91 Westbound On Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:00 PM				04:00 PM				04:00 PM				04:00 PM				
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
+15 mins.	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	
+30 mins.	0	0	1	1	0	0	1	1	0	0	0	0	0	0	0	0	
+45 mins.	0	0	0	0	0	0	1	1	0	1	1	2	0	0	0	0	
Total Volume	0	0	3	3	0	0	2	2	0	1	1	2	0	0	0	0	
% App. Total	0	0	100		0	0	100		0	50	50		0	0	0		
PHF	.000	.000	.375	.375	.000	.000	.500	.500	.000	.250	.250	.250	.000	.000	.000	.000	

Location: Yorba Linda
 N/S: Yorba Linda Blvd/Weir Canyon Rd
 E/W: SR-91 WB Ramps



Date: 3/15/2022
 Day: Tuesday

PEDESTRIANS

	North Leg Yorba Linda Boulevard	East Leg SR-91 WB Ramps	South Leg Weir Canyon Road	West Leg SR-91 WB Ramps	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	0	0	0	0	0
7:45 AM	0	0	0	0	0
8:00 AM	0	0	0	0	0
8:15 AM	0	0	0	0	0
8:30 AM	0	1	0	0	1
8:45 AM	0	0	0	0	0
TOTAL VOLUMES:	0	1	0	0	1

	North Leg Yorba Linda Boulevard	East Leg SR-91 WB Ramps	South Leg Weir Canyon Road	West Leg SR-91 WB Ramps	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	0	0	0
4:15 PM	0	1	0	0	1
4:30 PM	0	0	0	0	0
4:45 PM	0	0	0	0	0
5:00 PM	0	0	0	0	0
5:15 PM	0	0	0	0	0
5:30 PM	0	1	0	0	1
5:45 PM	0	1	0	0	1
TOTAL VOLUMES:	0	3	0	0	3

Location: Yorba Linda
 N/S: Yorba Linda Blvd/Weir Canyon Rd
 E/W: SR-91 WB Ramps



Date: 3/15/2022
 Day: Tuesday

BICYCLES

	Southbound Yorba Linda Boulevard			Westbound SR-91 WB Ramps			Northbound Weir Canyon Road			Eastbound SR-91 WB Ramps			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	0	0	0	0	0	0	0	0	0

	Southbound Yorba Linda Boulevard			Westbound SR-91 WB Ramps			Northbound Weir Canyon Road			Eastbound SR-91 WB Ramps			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	1	0	0	0	0	0	2	0	0	0	0	3
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	1	0	0	0	0	0	3	0	0	0	0	4

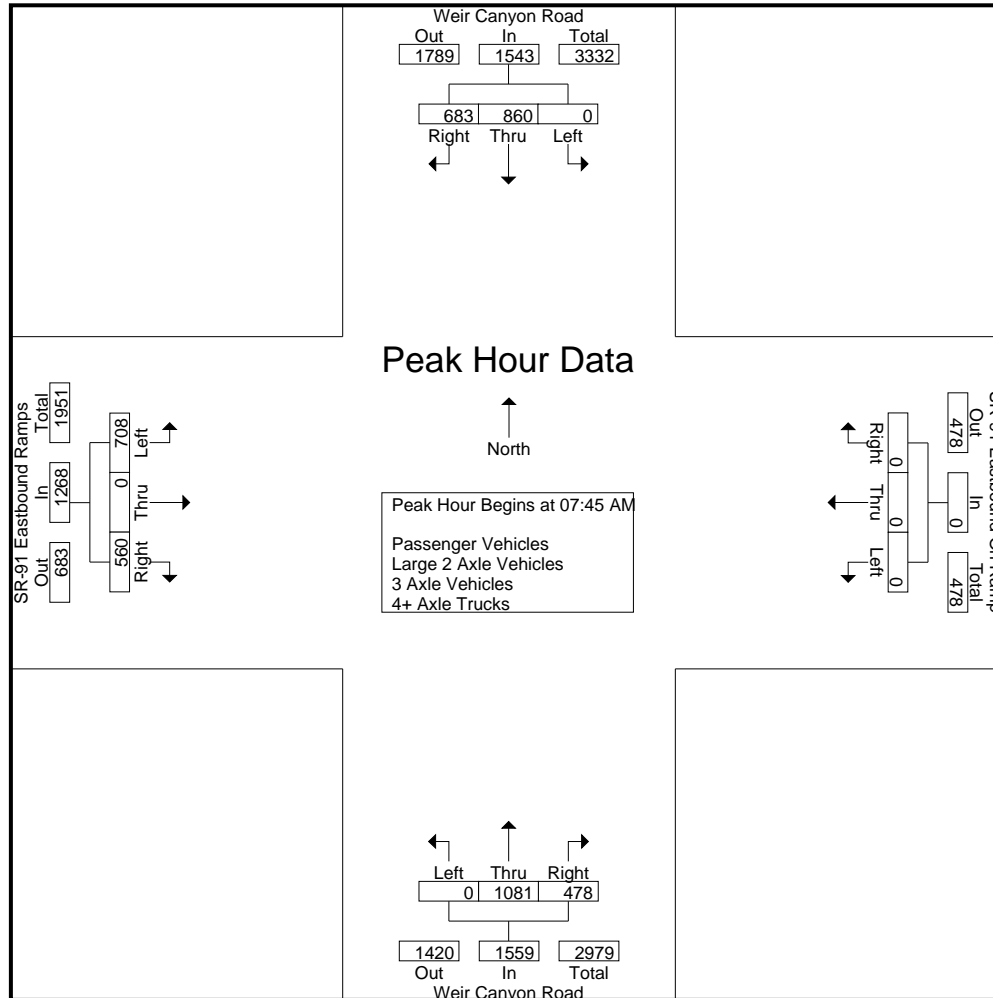
City of Anaheim
 N/S: Weir Canyon Road
 E/W: SR-91 Eastbound Ramps
 Weather: Clear

File Name : 18_ANA_Weir_91E AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

Start Time	Weir Canyon Road Southbound					SR-91 Eastbound On Ramp Westbound					Weir Canyon Road Northbound					SR-91 Eastbound Ramps Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	0	124	132	0	256	0	0	0	0	0	0	172	117	0	289	128	0	61	31	189	31	734	765
07:15 AM	0	123	158	0	281	0	0	0	0	0	0	255	138	0	393	142	0	88	47	230	47	904	951
07:30 AM	0	155	172	0	327	0	0	0	0	0	0	312	135	0	447	146	0	128	65	274	65	1048	1113
07:45 AM	0	222	174	0	396	0	0	0	0	0	0	308	133	0	441	189	0	153	54	342	54	1179	1233
Total	0	624	636	0	1260	0	0	0	0	0	0	1047	523	0	1570	605	0	430	197	1035	197	3865	4062
08:00 AM	0	199	184	0	383	0	0	0	0	0	0	222	138	0	360	199	0	150	43	349	43	1092	1135
08:15 AM	0	208	165	0	373	0	0	0	0	0	0	283	99	0	382	160	0	130	43	290	43	1045	1088
08:30 AM	0	231	160	0	391	0	0	0	0	0	0	268	108	0	376	160	0	127	40	287	40	1054	1094
08:45 AM	0	215	129	0	344	0	0	0	0	0	0	230	103	0	333	174	0	145	45	319	45	996	1041
Total	0	853	638	0	1491	0	0	0	0	0	0	1003	448	0	1451	693	0	552	171	1245	171	4187	4358
Grand Total	0	1477	1274	0	2751	0	0	0	0	0	0	2050	971	0	3021	1298	0	982	368	2280	368	8052	8420
Apprch %	0	53.7	46.3			0	0	0			0	67.9	32.1			56.9	0	43.1					
Total %	0	18.3	15.8		34.2	0	0	0		0	0	25.5	12.1		37.5	16.1	0	12.2		28.3	4.4	95.6	
Passenger Vehicles	0	1441	1256		2697	0	0	0		0	0	2026	958		2984	1238	0	945		2544	0	0	8225
% Passenger Vehicles	0	97.6	98.6	0	98	0	0	0	0	0	0	98.8	98.7	0	98.8	95.4	0	96.2	98.1	96.1	0	0	97.7
Large 2 Axle Vehicles	0	32	7		39	0	0	0		0	0	20	11		31	35	0	32		73	0	0	143
% Large 2 Axle Vehicles	0	2.2	0.5	0	1.4	0	0	0	0	0	0	1	1.1	0	1	2.7	0	3.3	1.6	2.8	0	0	1.7
3 Axle Vehicles	0	4	3		7	0	0	0		0	0	2	1		3	23	0	4		28	0	0	38
% 3 Axle Vehicles	0	0.3	0.2	0	0.3	0	0	0	0	0	0	0.1	0.1	0	0.1	1.8	0	0.4	0.3	1.1	0	0	0.5
4+ Axle Trucks	0	0	8		8	0	0	0		0	0	2	1		3	2	0	1		3	0	0	14
% 4+ Axle Trucks	0	0	0.6	0	0.3	0	0	0	0	0	0	0.1	0.1	0	0.1	0.2	0	0.1	0	0.1	0	0	0.2

Start Time	Weir Canyon Road Southbound				SR-91 Eastbound On Ramp Westbound				Weir Canyon Road Northbound				SR-91 Eastbound Ramps Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	0	222	174	396	0	0	0	0	0	308	133	441	189	0	153	342	1179
08:00 AM	0	199	184	383	0	0	0	0	0	222	138	360	199	0	150	349	1092
08:15 AM	0	208	165	373	0	0	0	0	0	283	99	382	160	0	130	290	1045
08:30 AM	0	231	160	391	0	0	0	0	0	268	108	376	160	0	127	287	1054
Total Volume	0	860	683	1543	0	0	0	0	0	1081	478	1559	708	0	560	1268	4370
% App. Total	0	55.7	44.3		0	0	0		0	69.3	30.7		55.8	0	44.2		
PHF	.000	.931	.928	.974	.000	.000	.000	.000	.000	.877	.866	.884	.889	.000	.915	.908	.927



City of Anaheim
 N/S: Weir Canyon Road
 E/W: SR-91 Eastbound Ramps
 Weather: Clear

File Name : 18_ANA_Weir_91E AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Weir Canyon Road Southbound				SR-91 Eastbound On Ramp Westbound				Weir Canyon Road Northbound				SR-91 Eastbound Ramps Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:45 AM				07:00 AM				07:15 AM				07:45 AM				
+0 mins.	0	222	174	396	0	0	0	0	0	255	138	393	189	0	153	342	
+15 mins.	0	199	184	383	0	0	0	0	0	312	135	447	199	0	150	349	
+30 mins.	0	208	165	373	0	0	0	0	0	308	133	441	160	0	130	290	
+45 mins.	0	231	160	391	0	0	0	0	0	222	138	360	160	0	127	287	
Total Volume	0	860	683	1543	0	0	0	0	0	1097	544	1641	708	0	560	1268	
% App. Total	0	55.7	44.3		0	0	0		0	66.8	33.2		55.8	0	44.2		
PHF	.000	.931	.928	.974	.000	.000	.000	.000	.000	.879	.986	.918	.889	.000	.915	.908	

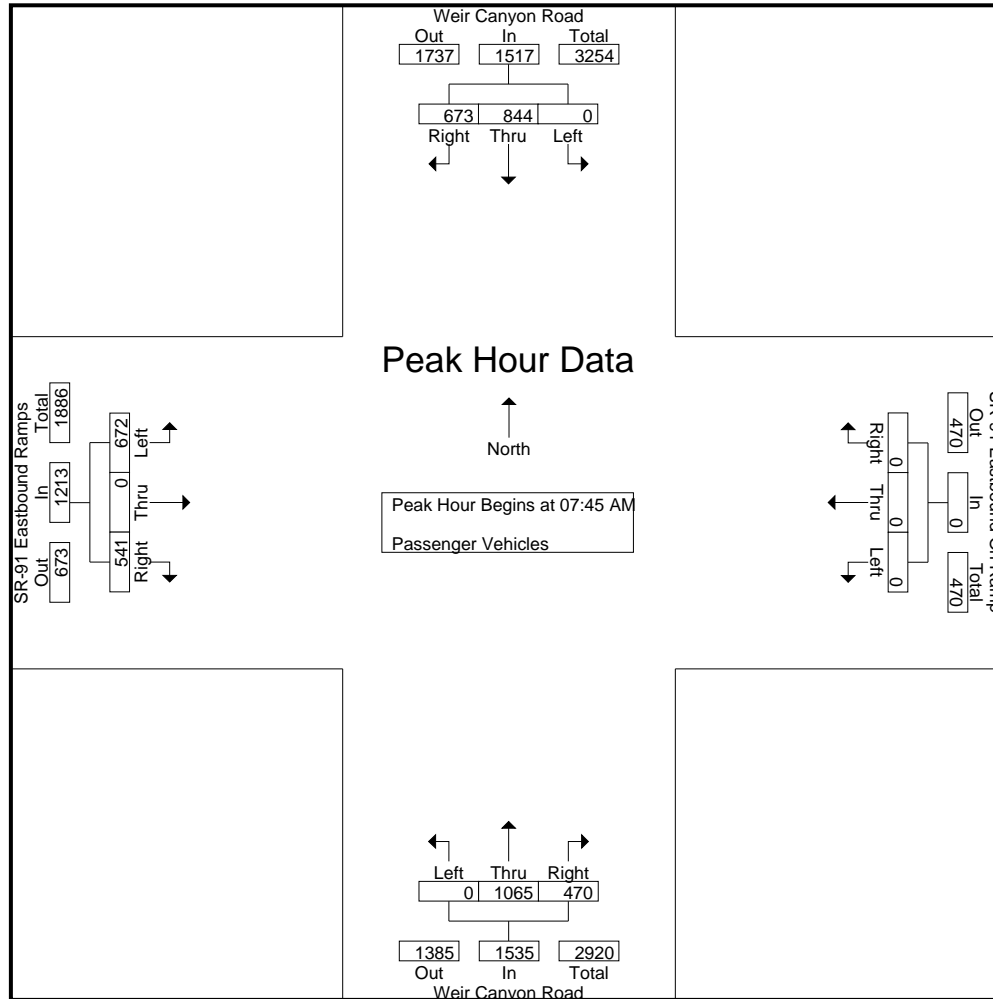
City of Anaheim
 N/S: Weir Canyon Road
 E/W: SR-91 Eastbound Ramps
 Weather: Clear

File Name : 18_ANA_Weir_91E AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

Groups Printed- Passenger Vehicles

Start Time	Weir Canyon Road Southbound					SR-91 Eastbound On Ramp Westbound					Weir Canyon Road Northbound					SR-91 Eastbound Ramps Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	0	117	129	0	246	0	0	0	0	0	0	170	114	0	284	118	0	59	30	177	30	707	737
07:15 AM	0	118	154	0	272	0	0	0	0	0	0	252	137	0	389	137	0	81	45	218	45	879	924
07:30 AM	0	151	172	0	323	0	0	0	0	0	0	310	135	0	445	143	0	122	63	265	63	1033	1096
07:45 AM	0	217	172	0	389	0	0	0	0	0	0	302	129	0	431	178	0	146	54	324	54	1144	1198
Total	0	603	627	0	1230	0	0	0	0	0	0	1034	515	0	1549	576	0	408	192	984	192	3763	3955
08:00 AM	0	197	181	0	378	0	0	0	0	0	0	219	137	0	356	191	0	150	43	341	43	1075	1118
08:15 AM	0	204	161	0	365	0	0	0	0	0	0	280	99	0	379	150	0	120	42	270	42	1014	1056
08:30 AM	0	226	159	0	385	0	0	0	0	0	0	264	105	0	369	153	0	125	40	278	40	1032	1072
08:45 AM	0	211	128	0	339	0	0	0	0	0	0	229	102	0	331	168	0	142	44	310	44	980	1024
Total	0	838	629	0	1467	0	0	0	0	0	0	992	443	0	1435	662	0	537	169	1199	169	4101	4270
Grand Total	0	1441	1256	0	2697	0	0	0	0	0	0	2026	958	0	2984	1238	0	945	361	2183	361	7864	8225
Apprch %	0	53.4	46.6			0	0	0			0	67.9	32.1			56.7	0	43.3					
Total %	0	18.3	16		34.3	0	0	0		0	0	25.8	12.2		37.9	15.7	0	12		27.8	4.4	95.6	

Start Time	Weir Canyon Road Southbound				SR-91 Eastbound On Ramp Westbound				Weir Canyon Road Northbound				SR-91 Eastbound Ramps Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	0	217	172	389	0	0	0	0	0	302	129	431	178	0	146	324	1144
08:00 AM	0	197	181	378	0	0	0	0	0	219	137	356	191	0	150	341	1075
08:15 AM	0	204	161	365	0	0	0	0	0	280	99	379	150	0	120	270	1014
08:30 AM	0	226	159	385	0	0	0	0	0	264	105	369	153	0	125	278	1032
Total Volume	0	844	673	1517	0	0	0	0	0	1065	470	1535	672	0	541	1213	4265
% App. Total	0	55.6	44.4		0	0	0		0	69.4	30.6		55.4	0	44.6		
PHF	.000	.934	.930	.975	.000	.000	.000	.000	.000	.882	.858	.890	.880	.000	.902	.889	.932



City of Anaheim
 N/S: Weir Canyon Road
 E/W: SR-91 Eastbound Ramps
 Weather: Clear

File Name : 18_ANA_Weir_91E AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Weir Canyon Road Southbound				SR-91 Eastbound On Ramp Westbound				Weir Canyon Road Northbound				SR-91 Eastbound Ramps Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:45 AM				07:45 AM				07:45 AM				07:45 AM				
+0 mins.	0	217	172	389	0	0	0	0	0	302	129	431	178	0	146	324	
+15 mins.	0	197	181	378	0	0	0	0	0	219	137	356	191	0	150	341	
+30 mins.	0	204	161	365	0	0	0	0	0	280	99	379	150	0	120	270	
+45 mins.	0	226	159	385	0	0	0	0	0	264	105	369	153	0	125	278	
Total Volume	0	844	673	1517	0	0	0	0	0	1065	470	1535	672	0	541	1213	
% App. Total	0	55.6	44.4		0	0	0		0	69.4	30.6		55.4	0	44.6		
PHF	.000	.934	.930	.975	.000	.000	.000	.000	.000	.882	.858	.890	.880	.000	.902	.889	

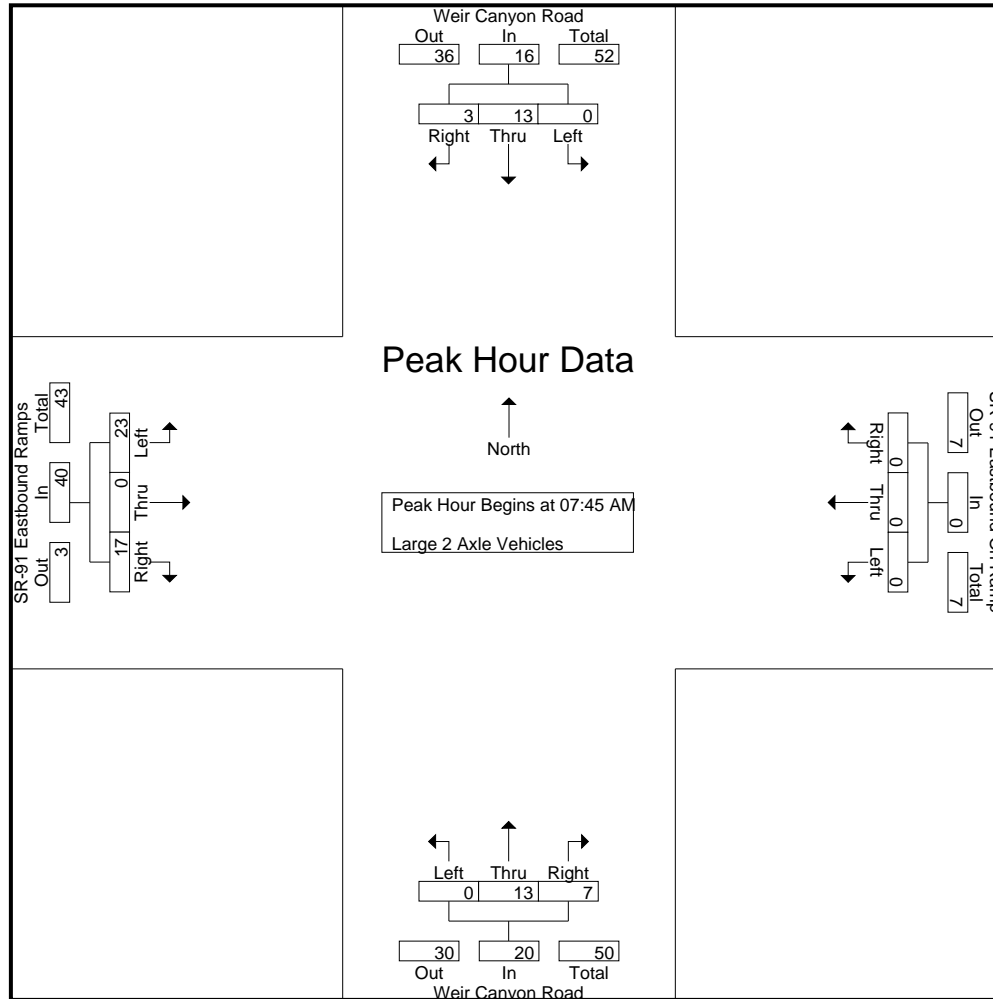
City of Anaheim
 N/S: Weir Canyon Road
 E/W: SR-91 Eastbound Ramps
 Weather: Clear

File Name : 18_ANA_Weir_91E AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

Groups Printed- Large 2 Axle Vehicles

Start Time	Weir Canyon Road Southbound					SR-91 Eastbound On Ramp Westbound					Weir Canyon Road Northbound					SR-91 Eastbound Ramps Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	0	7	1	0	8	0	0	0	0	0	0	2	2	0	4	4	0	1	1	5	1	17	18
07:15 AM	0	4	3	0	7	0	0	0	0	0	0	3	1	0	4	1	0	6	2	7	2	18	20
07:30 AM	0	4	0	0	4	0	0	0	0	0	0	1	0	0	1	2	0	5	1	7	1	12	13
07:45 AM	0	4	2	0	6	0	0	0	0	0	0	5	4	0	9	4	0	6	0	10	0	25	25
Total	0	19	6	0	25	0	0	0	0	0	0	11	7	0	18	11	0	18	4	29	4	72	76
08:00 AM	0	1	0	0	1	0	0	0	0	0	0	1	1	0	2	5	0	0	0	5	0	8	8
08:15 AM	0	3	1	0	4	0	0	0	0	0	0	3	0	0	3	9	0	9	1	18	1	25	26
08:30 AM	0	5	0	0	5	0	0	0	0	0	0	4	2	0	6	5	0	2	0	7	0	18	18
08:45 AM	0	4	0	0	4	0	0	0	0	0	0	1	1	0	2	5	0	3	1	8	1	14	15
Total	0	13	1	0	14	0	0	0	0	0	0	9	4	0	13	24	0	14	2	38	2	65	67
Grand Total	0	32	7	0	39	0	0	0	0	0	0	20	11	0	31	35	0	32	6	67	6	137	143
Apprch %	0	82.1	17.9			0	0	0			0	64.5	35.5			52.2	0	47.8					
Total %	0	23.4	5.1		28.5	0	0	0		0	0	14.6	8		22.6	25.5	0	23.4		48.9	4.2	95.8	

Start Time	Weir Canyon Road Southbound				SR-91 Eastbound On Ramp Westbound				Weir Canyon Road Northbound				SR-91 Eastbound Ramps Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	0	4	2	6	0	0	0	0	0	5	4	9	4	0	6	10	25
08:00 AM	0	1	0	1	0	0	0	0	0	1	1	2	5	0	0	5	8
08:15 AM	0	3	1	4	0	0	0	0	0	3	0	3	9	0	9	18	25
08:30 AM	0	5	0	5	0	0	0	0	0	4	2	6	5	0	2	7	18
Total Volume	0	13	3	16	0	0	0	0	0	13	7	20	23	0	17	40	76
% App. Total	0	81.2	18.8		0	0	0		0	65	35		57.5	0	42.5		
PHF	.000	.650	.375	.667	.000	.000	.000	.000	.000	.650	.438	.556	.639	.000	.472	.556	.760



City of Anaheim
 N/S: Weir Canyon Road
 E/W: SR-91 Eastbound Ramps
 Weather: Clear

File Name : 18_ANA_Weir_91E AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Weir Canyon Road Southbound				SR-91 Eastbound On Ramp Westbound				Weir Canyon Road Northbound				SR-91 Eastbound Ramps Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:45 AM				07:45 AM				07:45 AM				07:45 AM				
+0 mins.	0	4	2	6	0	0	0	0	0	5	4	9	4	0	6	10	
+15 mins.	0	1	0	1	0	0	0	0	0	1	1	2	5	0	0	5	
+30 mins.	0	3	1	4	0	0	0	0	0	3	0	3	9	0	9	18	
+45 mins.	0	5	0	5	0	0	0	0	0	4	2	6	5	0	2	7	
Total Volume	0	13	3	16	0	0	0	0	0	13	7	20	23	0	17	40	
% App. Total	0	81.2	18.8		0	0	0		0	65	35		57.5	0	42.5		
PHF	.000	.650	.375	.667	.000	.000	.000	.000	.000	.650	.438	.556	.639	.000	.472	.556	

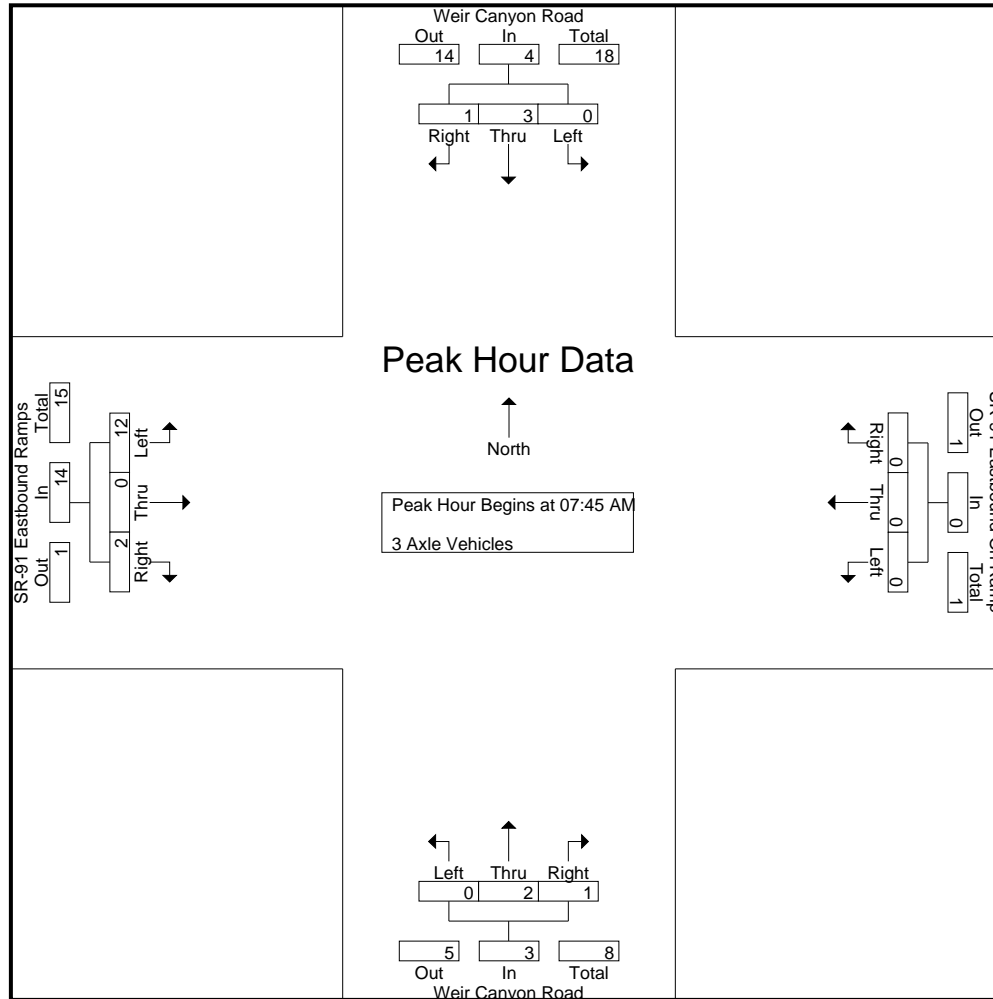
City of Anaheim
 N/S: Weir Canyon Road
 E/W: SR-91 Eastbound Ramps
 Weather: Clear

File Name : 18_ANA_Weir_91E AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

Groups Printed- 3 Axle Vehicles

Start Time	Weir Canyon Road Southbound					SR-91 Eastbound On Ramp Westbound					Weir Canyon Road Northbound					SR-91 Eastbound Ramps Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	6	0	0	0	6	0	8	8
07:15 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	3	0	1	0	4	0	5	5
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	2	1	2	3
07:45 AM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	7	0	1	0	8	0	10	10
Total	0	2	2	0	4	0	0	0	0	0	0	1	0	0	1	17	0	3	1	20	1	25	26
08:00 AM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	3	0	0	0	3	0	5	5
08:15 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2	2
08:30 AM	0	0	1	0	1	0	0	0	0	0	0	0	1	0	1	2	0	0	0	2	0	4	4
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	1
Total	0	2	1	0	3	0	0	0	0	0	0	1	1	0	2	6	0	1	0	7	0	12	12
Grand Total	0	4	3	0	7	0	0	0	0	0	0	2	1	0	3	23	0	4	1	27	1	37	38
Apprch %	0	57.1	42.9			0	0	0			0	66.7	33.3			85.2	0	14.8					
Total %	0	10.8	8.1		18.9	0	0	0		0	0	5.4	2.7		8.1	62.2	0	10.8		73	2.6	97.4	

Start Time	Weir Canyon Road Southbound				SR-91 Eastbound On Ramp Westbound				Weir Canyon Road Northbound				SR-91 Eastbound Ramps Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	0	1	0	1	0	0	0	0	0	1	0	1	7	0	1	8	10
08:00 AM	0	1	0	1	0	0	0	0	0	1	0	1	3	0	0	3	5
08:15 AM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	1	2
08:30 AM	0	0	1	1	0	0	0	0	0	0	1	1	2	0	0	2	4
Total Volume	0	3	1	4	0	0	0	0	0	2	1	3	12	0	2	14	21
% App. Total	0	75	25		0	0	0		0	66.7	33.3		85.7	0	14.3		
PHF	.000	.750	.250	1.00	.000	.000	.000	.000	.000	.500	.250	.750	.429	.000	.500	.438	.525



City of Anaheim
 N/S: Weir Canyon Road
 E/W: SR-91 Eastbound Ramps
 Weather: Clear

File Name : 18_ANA_Weir_91E AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Weir Canyon Road Southbound				SR-91 Eastbound On Ramp Westbound				Weir Canyon Road Northbound				SR-91 Eastbound Ramps Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:45 AM				07:45 AM				07:45 AM				07:45 AM				
+0 mins.	0	1	0	1	0	0	0	0	0	1	0	1	7	0	1	8	
+15 mins.	0	1	0	1	0	0	0	0	0	1	0	1	3	0	0	3	
+30 mins.	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	1	
+45 mins.	0	0	1	1	0	0	0	0	0	0	1	1	2	0	0	2	
Total Volume	0	3	1	4	0	0	0	0	0	2	1	3	12	0	2	14	
% App. Total	0	75	25		0	0	0		0	66.7	33.3		85.7	0	14.3		
PHF	.000	.750	.250	1.000	.000	.000	.000	.000	.000	.500	.250	.750	.429	.000	.500	.438	

City of Anaheim
 N/S: Weir Canyon Road
 E/W: SR-91 Eastbound Ramps
 Weather: Clear

File Name : 18_ANA_Weir_91E AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

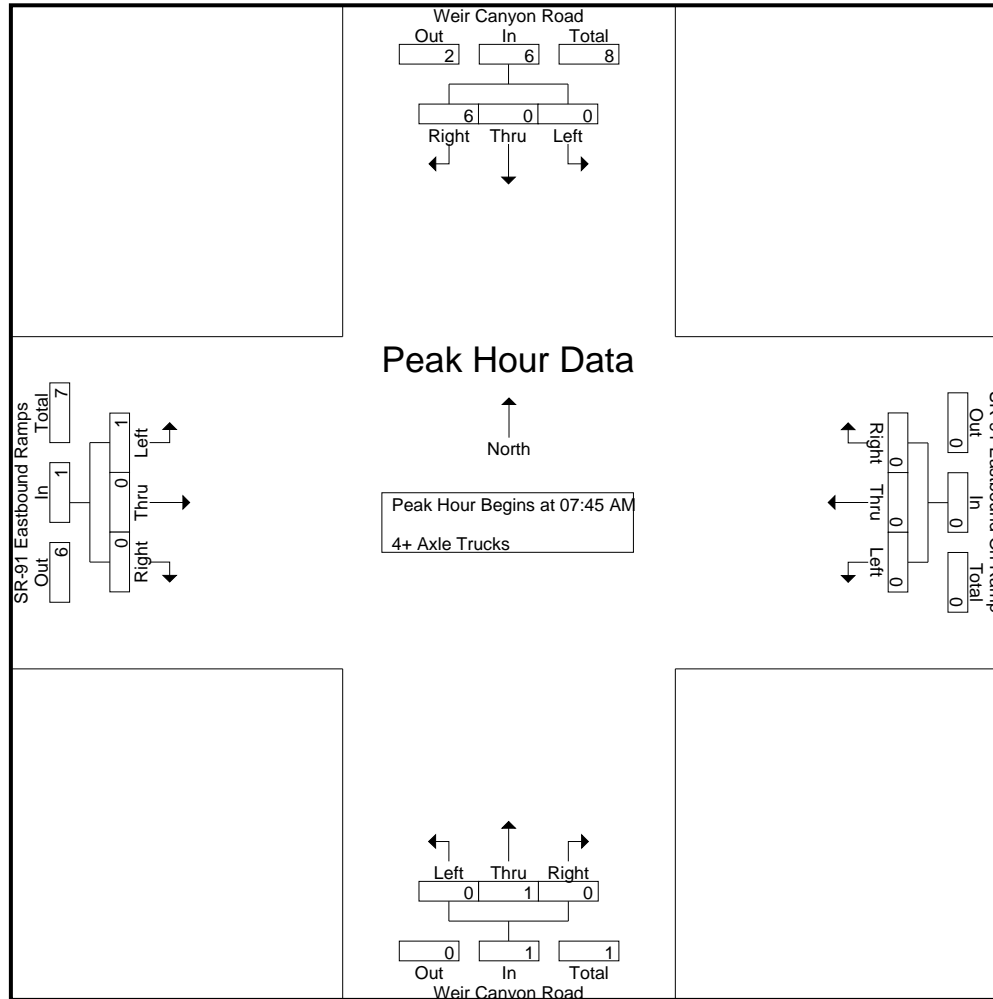
Groups Printed- 4+ Axle Trucks

Start Time	Weir Canyon Road Southbound					SR-91 Eastbound On Ramp Westbound					Weir Canyon Road Northbound					SR-91 Eastbound Ramps Eastbound					Exclu. Total	Inclu. Total	Int. Total	
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total				
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	1	0	0	2	2
07:15 AM	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	2	2
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	1	1
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	1	0	1	0	0	0	0	0	0	1	1	0	2	1	0	1	0	2	0	0	5	5
08:00 AM	0	0	3	0	3	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	4	4
08:15 AM	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	4	4
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45 AM	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Total	0	0	7	0	7	0	0	0	0	0	0	1	0	0	1	1	0	0	0	1	0	0	9	9
Grand Total	0	0	8	0	8	0	0	0	0	0	0	2	1	0	3	2	0	1	0	3	0	0	14	14
Apprch %	0	0	100			0	0	0			0	66.7	33.3			66.7	0	33.3			0	0		
Total %	0	0	57.1		57.1	0	0	0		0	0	14.3	7.1		21.4	14.3	0	7.1		21.4	0	0	100	

Start Time	Weir Canyon Road Southbound				SR-91 Eastbound On Ramp Westbound				Weir Canyon Road Northbound				SR-91 Eastbound Ramps Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00 AM	0	0	3	3	0	0	0	0	0	1	0	1	0	0	0	0	4
08:15 AM	0	0	3	3	0	0	0	0	0	0	0	0	1	0	0	1	4
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	6	6	0	0	0	0	0	1	0	1	1	0	0	1	8
% App. Total	0	0	100		0	0	0		0	100	0		100	0	0		
PHF	.000	.000	.500	.500	.000	.000	.000	.000	.000	.250	.000	.250	.250	.000	.000	.250	.500

City of Anaheim
 N/S: Weir Canyon Road
 E/W: SR-91 Eastbound Ramps
 Weather: Clear

File Name : 18_ANA_Weir_91E AM
 Site Code : 05122223
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 Page No : 2



City of Anaheim
 N/S: Weir Canyon Road
 E/W: SR-91 Eastbound Ramps
 Weather: Clear

File Name : 18_ANA_Weir_91E AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Weir Canyon Road Southbound				SR-91 Eastbound On Ramp Westbound				Weir Canyon Road Northbound				SR-91 Eastbound Ramps Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:45 AM				07:45 AM				07:45 AM				07:45 AM				
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
+15 mins.	0	0	3	3	0	0	0	0	0	1	0	1	0	0	0	0	
+30 mins.	0	0	3	3	0	0	0	0	0	0	0	0	1	0	0	1	
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total Volume	0	0	6	6	0	0	0	0	0	1	0	1	1	0	0	1	
% App. Total	0	0	100		0	0	0		0	100	0		100	0	0		
PHF	.000	.000	.500	.500	.000	.000	.000	.000	.000	.250	.000	.250	.250	.000	.000	.250	

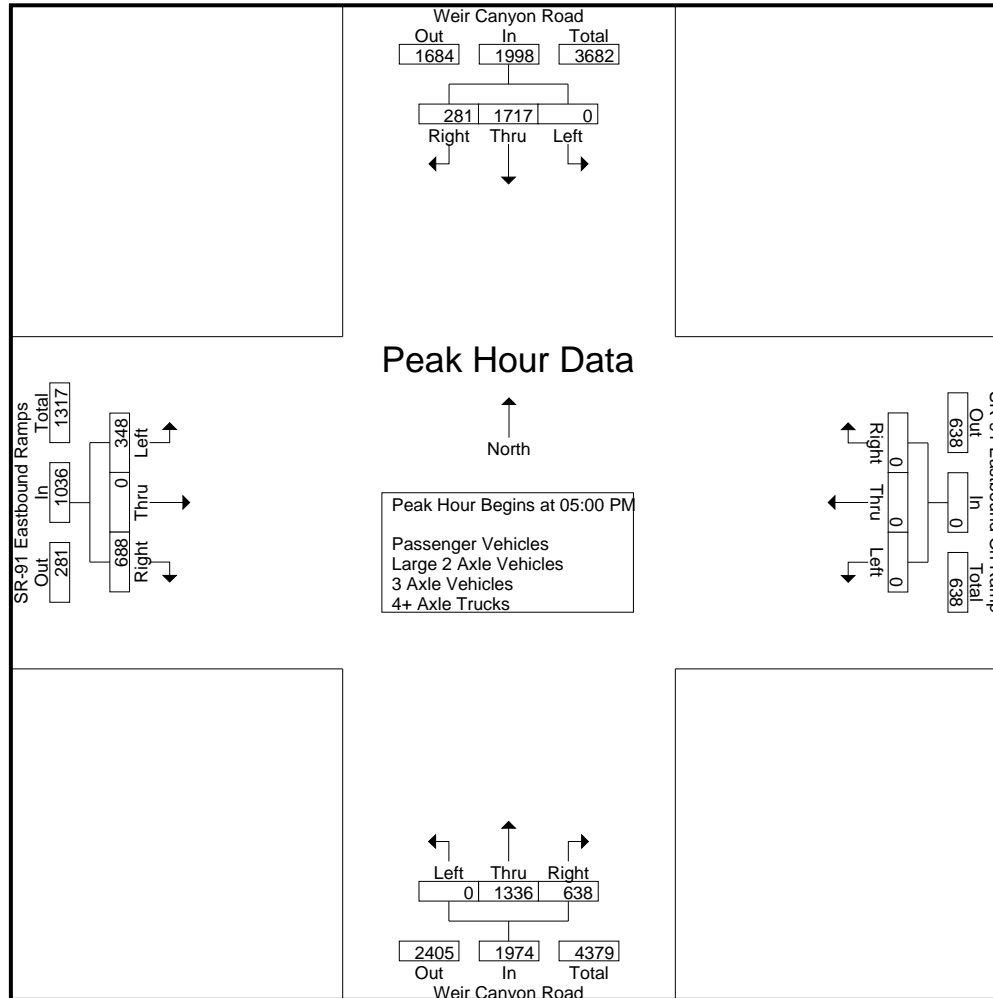
City of Anaheim
 N/S: Weir Canyon Road
 E/W: SR-91 Eastbound Ramps
 Weather: Clear

File Name : 18_ANA_Weir_91E PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

Start Time	Weir Canyon Road Southbound					SR-91 Eastbound On Ramp Westbound					Weir Canyon Road Northbound					SR-91 Eastbound Ramps Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	0	370	90	0	460	0	0	0	0	0	0	318	172	0	490	99	0	193	38	292	38	1242	1280
04:15 PM	0	398	89	0	487	0	0	0	0	0	0	303	171	0	474	91	0	183	27	274	27	1235	1262
04:30 PM	0	380	95	0	475	0	0	0	0	0	0	317	202	0	519	60	0	155	48	215	48	1209	1257
04:45 PM	0	436	91	0	527	0	0	0	0	0	0	336	203	0	539	79	0	152	15	231	15	1297	1312
Total	0	1584	365	0	1949	0	0	0	0	0	0	1274	748	0	2022	329	0	683	128	1012	128	4983	5111
05:00 PM	0	402	62	0	464	0	0	0	0	0	0	333	185	0	518	84	0	179	21	263	21	1245	1266
05:15 PM	0	417	74	0	491	0	0	0	0	0	0	337	145	0	482	77	0	155	25	232	25	1205	1230
05:30 PM	0	424	70	0	494	0	0	0	0	0	0	321	168	0	489	94	0	174	14	268	14	1251	1265
05:45 PM	0	474	75	0	549	0	0	0	0	0	0	345	140	0	485	93	0	180	7	273	7	1307	1314
Total	0	1717	281	0	1998	0	0	0	0	0	0	1336	638	0	1974	348	0	688	67	1036	67	5008	5075
Grand Total	0	3301	646	0	3947	0	0	0	0	0	0	2610	1386	0	3996	677	0	1371	195	2048	195	9991	10186
Apprch %	0	83.6	16.4			0	0	0			0	65.3	34.7			33.1	0	66.9					
Total %	0	33	6.5		39.5	0	0	0		0	0	26.1	13.9		40	6.8	0	13.7		20.5	1.9	98.1	
Passenger Vehicles	0	3282	637		3919	0	0	0		0	0	2588	1377		3965	669	0	1350		2212	0	0	10096
% Passenger Vehicles	0	99.4	98.6	0	99.3	0	0	0	0	0	0	99.2	99.4	0	99.2	98.8	0	98.5	99	98.6	0	0	99.1
Large 2 Axle Vehicles	0	15	5		20	0	0	0		0	0	20	5		25	5	0	18		25	0	0	70
% Large 2 Axle Vehicles	0	0.5	0.8	0	0.5	0	0	0	0	0	0	0.8	0.4	0	0.6	0.7	0	1.3	1	1.1	0	0	0.7
3 Axle Vehicles	0	4	1		5	0	0	0		0	0	1	3		4	0	0	2		2	0	0	11
% 3 Axle Vehicles	0	0.1	0.2	0	0.1	0	0	0	0	0	0	0	0.2	0	0.1	0	0	0.1	0	0.1	0	0	0.1
4+ Axle Trucks	0	0	3		3	0	0	0		0	0	1	1		2	3	0	1		4	0	0	9
% 4+ Axle Trucks	0	0	0.5	0	0.1	0	0	0	0	0	0	0	0.1	0	0.1	0.4	0	0.1	0	0.2	0	0	0.1

Start Time	Weir Canyon Road Southbound				SR-91 Eastbound On Ramp Westbound				Weir Canyon Road Northbound				SR-91 Eastbound Ramps Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	402	62	464	0	0	0	0	0	333	185	518	84	0	179	263	1245
05:15 PM	0	417	74	491	0	0	0	0	0	337	145	482	77	0	155	232	1205
05:30 PM	0	424	70	494	0	0	0	0	0	321	168	489	94	0	174	268	1251
05:45 PM	0	474	75	549	0	0	0	0	0	345	140	485	93	0	180	273	1307
Total Volume	0	1717	281	1998	0	0	0	0	0	1336	638	1974	348	0	688	1036	5008
% App. Total	0	85.9	14.1		0	0	0		0	67.7	32.3		33.6	0	66.4		
PHF	.000	.906	.937	.910	.000	.000	.000	.000	.000	.968	.862	.953	.926	.000	.956	.949	.958



City of Anaheim
 N/S: Weir Canyon Road
 E/W: SR-91 Eastbound Ramps
 Weather: Clear

File Name : 18_ANA_Weir_91E PM
 Site Code : 05122223
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Start Time	Weir Canyon Road Southbound				SR-91 Eastbound On Ramp Westbound				Weir Canyon Road Northbound				SR-91 Eastbound Ramps Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	05:00 PM				04:00 PM				04:30 PM				05:00 PM				
+0 mins.	0	402	62	464	0	0	0	0	0	317	202	519	84	0	179	263	
+15 mins.	0	417	74	491	0	0	0	0	0	336	203	539	77	0	155	232	
+30 mins.	0	424	70	494	0	0	0	0	0	333	185	518	94	0	174	268	
+45 mins.	0	474	75	549	0	0	0	0	0	337	145	482	93	0	180	273	
Total Volume	0	1717	281	1998	0	0	0	0	0	1323	735	2058	348	0	688	1036	
% App. Total	0	85.9	14.1		0	0	0		0	64.3	35.7		33.6	0	66.4		
PHF	.000	.906	.937	.910	.000	.000	.000	.000	.000	.981	.905	.955	.926	.000	.956	.949	

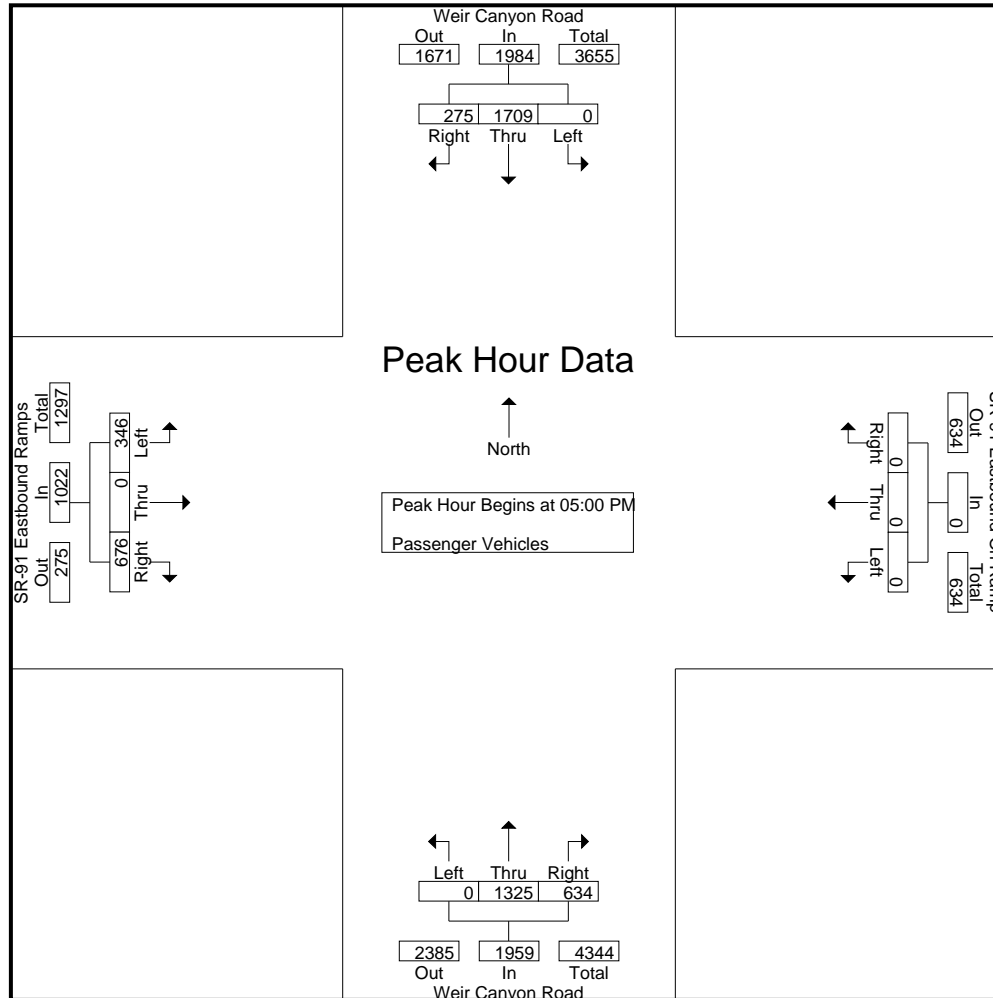
City of Anaheim
 N/S: Weir Canyon Road
 E/W: SR-91 Eastbound Ramps
 Weather: Clear

File Name : 18_ANA_Weir_91E PM
 Site Code : 05122223
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Groups Printed- Passenger Vehicles

Start Time	Weir Canyon Road Southbound					SR-91 Eastbound On Ramp Westbound					Weir Canyon Road Northbound					SR-91 Eastbound Ramps Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	0	367	88	0	455	0	0	0	0	0	0	317	172	0	489	98	0	192	38	290	38	1234	1272
04:15 PM	0	394	89	0	483	0	0	0	0	0	0	298	171	0	469	89	0	179	26	268	26	1220	1246
04:30 PM	0	378	95	0	473	0	0	0	0	0	0	314	200	0	514	60	0	155	48	215	48	1202	1250
04:45 PM	0	434	90	0	524	0	0	0	0	0	0	334	200	0	534	76	0	148	15	224	15	1282	1297
Total	0	1573	362	0	1935	0	0	0	0	0	0	1263	743	0	2006	323	0	674	127	997	127	4938	5065
05:00 PM	0	399	62	0	461	0	0	0	0	0	0	329	184	0	513	84	0	175	21	259	21	1233	1254
05:15 PM	0	417	73	0	490	0	0	0	0	0	0	335	142	0	477	76	0	150	24	226	24	1193	1217
05:30 PM	0	421	68	0	489	0	0	0	0	0	0	318	168	0	486	94	0	173	14	267	14	1242	1256
05:45 PM	0	472	72	0	544	0	0	0	0	0	0	343	140	0	483	92	0	178	7	270	7	1297	1304
Total	0	1709	275	0	1984	0	0	0	0	0	0	1325	634	0	1959	346	0	676	66	1022	66	4965	5031
Grand Total	0	3282	637	0	3919	0	0	0	0	0	0	2588	1377	0	3965	669	0	1350	193	2019	193	9903	10096
Apprch %	0	83.7	16.3			0	0	0			0	65.3	34.7			33.1	0	66.9					
Total %	0	33.1	6.4		39.6	0	0	0			0	26.1	13.9		40	6.8	0	13.6		20.4	1.9	98.1	

Start Time	Weir Canyon Road Southbound				SR-91 Eastbound On Ramp Westbound				Weir Canyon Road Northbound				SR-91 Eastbound Ramps Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	399	62	461	0	0	0	0	0	329	184	513	84	0	175	259	1233
05:15 PM	0	417	73	490	0	0	0	0	0	335	142	477	76	0	150	226	1193
05:30 PM	0	421	68	489	0	0	0	0	0	318	168	486	94	0	173	267	1242
05:45 PM	0	472	72	544	0	0	0	0	0	343	140	483	92	0	178	270	1297
Total Volume	0	1709	275	1984	0	0	0	0	0	1325	634	1959	346	0	676	1022	4965
% App. Total	0	86.1	13.9		0	0	0		0	67.6	32.4		33.9	0	66.1		
PHF	.000	.905	.942	.912	.000	.000	.000	.000	.000	.966	.861	.955	.920	.000	.949	.946	.957



City of Anaheim
 N/S: Weir Canyon Road
 E/W: SR-91 Eastbound Ramps
 Weather: Clear

File Name : 18_ANA_Weir_91E PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Weir Canyon Road Southbound				SR-91 Eastbound On Ramp Westbound				Weir Canyon Road Northbound				SR-91 Eastbound Ramps Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	05:00 PM				05:00 PM				05:00 PM				05:00 PM				
+0 mins.	0	399	62	461	0	0	0	0	0	329	184	513	84	0	175	259	
+15 mins.	0	417	73	490	0	0	0	0	0	335	142	477	76	0	150	226	
+30 mins.	0	421	68	489	0	0	0	0	0	318	168	486	94	0	173	267	
+45 mins.	0	472	72	544	0	0	0	0	0	343	140	483	92	0	178	270	
Total Volume	0	1709	275	1984	0	0	0	0	0	1325	634	1959	346	0	676	1022	
% App. Total	0	86.1	13.9		0	0	0		0	67.6	32.4		33.9	0	66.1		
PHF	.000	.905	.942	.912	.000	.000	.000	.000	.000	.966	.861	.955	.920	.000	.949	.946	

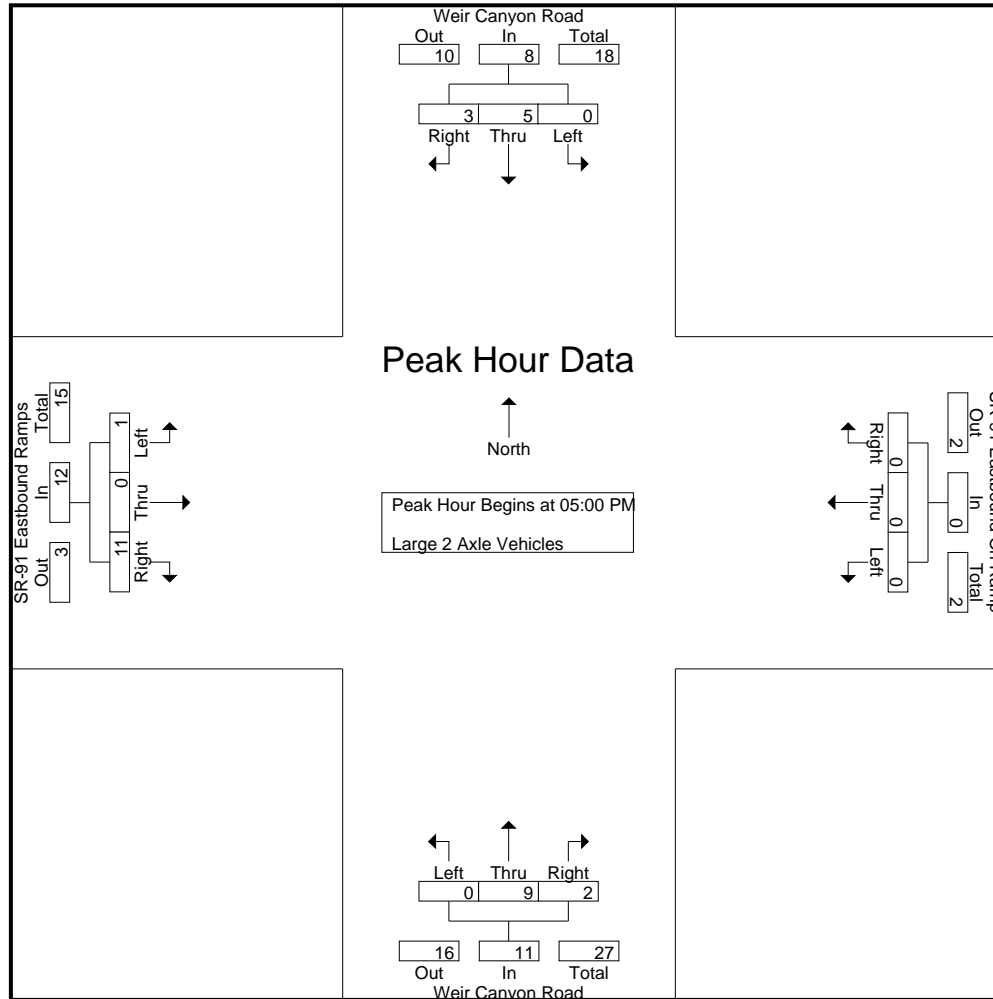
City of Anaheim
 N/S: Weir Canyon Road
 E/W: SR-91 Eastbound Ramps
 Weather: Clear

File Name : 18_ANA_Weir_91E PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

Groups Printed- Large 2 Axle Vehicles

Start Time	Weir Canyon Road Southbound					SR-91 Eastbound On Ramp Westbound					Weir Canyon Road Northbound					SR-91 Eastbound Ramps Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	0	3	1	0	4	0	0	0	0	0	0	1	0	0	1	1	0	1	0	2	0	7	7
04:15 PM	0	3	0	0	3	0	0	0	0	0	0	5	0	0	5	2	0	2	1	4	1	12	13
04:30 PM	0	2	0	0	2	0	0	0	0	0	0	3	2	0	5	0	0	0	0	0	0	7	7
04:45 PM	0	2	1	0	3	0	0	0	0	0	0	2	1	0	3	1	0	4	0	5	0	11	11
Total	0	10	2	0	12	0	0	0	0	0	0	11	3	0	14	4	0	7	1	11	1	37	38
05:00 PM	0	2	0	0	2	0	0	0	0	0	0	4	0	0	4	0	0	3	0	3	0	9	9
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	2	2	0	4	0	0	5	1	5	1	9	10
05:30 PM	0	2	1	0	3	0	0	0	0	0	0	1	0	0	1	0	0	1	0	1	0	5	5
05:45 PM	0	1	2	0	3	0	0	0	0	0	0	2	0	0	2	1	0	2	0	3	0	8	8
Total	0	5	3	0	8	0	0	0	0	0	0	9	2	0	11	1	0	11	1	12	1	31	32
Grand Total	0	15	5	0	20	0	0	0	0	0	0	20	5	0	25	5	0	18	2	23	2	68	70
Apprch %	0	75	25			0	0	0			0	80	20			21.7	0	78.3					
Total %	0	22.1	7.4		29.4	0	0	0		0	0	29.4	7.4		36.8	7.4	0	26.5		33.8	2.9	97.1	

Start Time	Weir Canyon Road Southbound				SR-91 Eastbound On Ramp Westbound				Weir Canyon Road Northbound				SR-91 Eastbound Ramps Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	2	0	2	0	0	0	0	0	4	0	4	0	0	3	3	9
05:15 PM	0	0	0	0	0	0	0	0	0	2	2	4	0	0	5	5	9
05:30 PM	0	2	1	3	0	0	0	0	0	1	0	1	0	0	1	1	5
05:45 PM	0	1	2	3	0	0	0	0	0	2	0	2	1	0	2	3	8
Total Volume	0	5	3	8	0	0	0	0	0	9	2	11	1	0	11	12	31
% App. Total	0	62.5	37.5		0	0	0		0	81.8	18.2		8.3	0	91.7		
PHF	.000	.625	.375	.667	.000	.000	.000	.000	.000	.563	.250	.688	.250	.000	.550	.600	.861



City of Anaheim
 N/S: Weir Canyon Road
 E/W: SR-91 Eastbound Ramps
 Weather: Clear

File Name : 18_ANA_Weir_91E PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Weir Canyon Road Southbound				SR-91 Eastbound On Ramp Westbound				Weir Canyon Road Northbound				SR-91 Eastbound Ramps Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	05:00 PM				05:00 PM				05:00 PM				05:00 PM				
+0 mins.	0	2	0	2	0	0	0	0	0	4	0	4	0	0	3	3	
+15 mins.	0	0	0	0	0	0	0	0	0	2	2	4	0	0	5	5	
+30 mins.	0	2	1	3	0	0	0	0	0	1	0	1	0	0	1	1	
+45 mins.	0	1	2	3	0	0	0	0	0	2	0	2	1	0	2	3	
Total Volume	0	5	3	8	0	0	0	0	0	9	2	11	1	0	11	12	
% App. Total	0	62.5	37.5		0	0	0		0	81.8	18.2		8.3	0	91.7		
PHF	.000	.625	.375	.667	.000	.000	.000	.000	.000	.563	.250	.688	.250	.000	.550	.600	

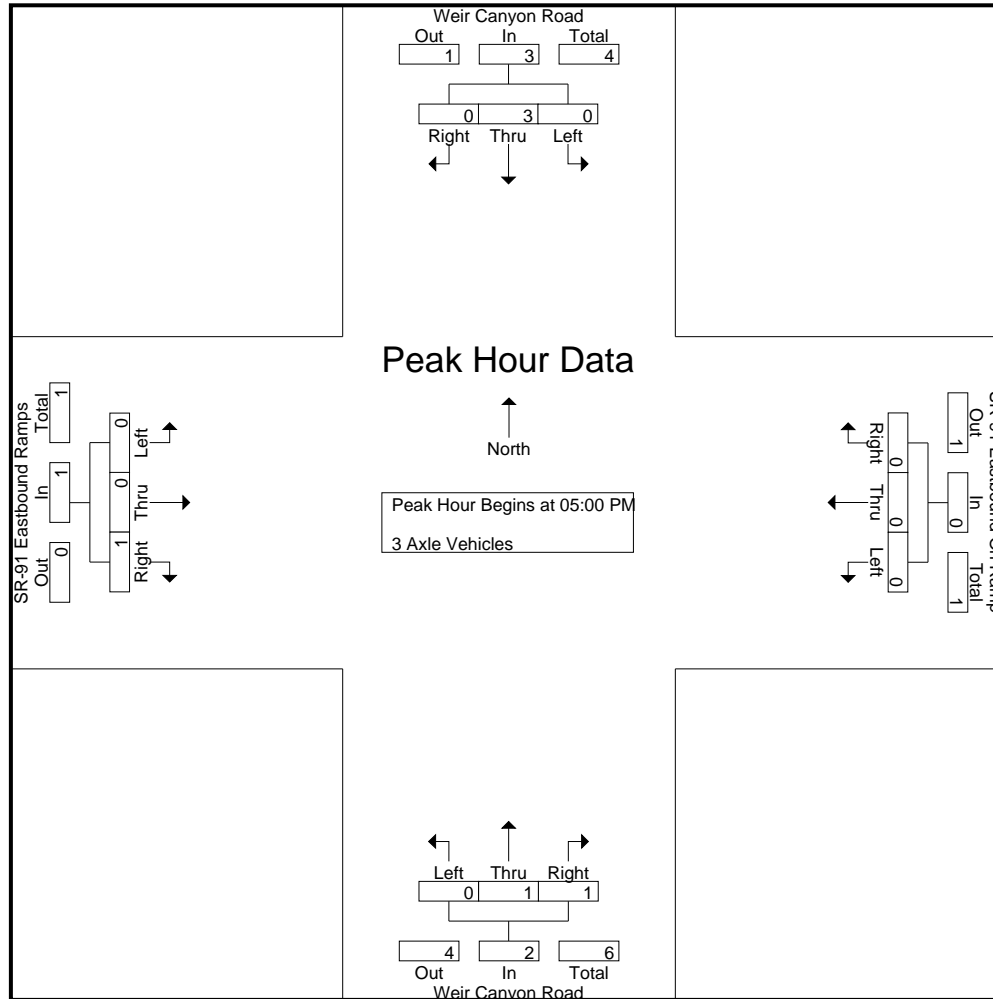
City of Anaheim
 N/S: Weir Canyon Road
 E/W: SR-91 Eastbound Ramps
 Weather: Clear

File Name : 18_ANA_Weir_91E PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

Groups Printed- 3 Axle Vehicles

Start Time	Weir Canyon Road Southbound					SR-91 Eastbound On Ramp Westbound					Weir Canyon Road Northbound					SR-91 Eastbound Ramps Eastbound					Exclu. Total	Inclu. Total	Int. Total					
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total								
04:00 PM	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
04:15 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2	2
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2
Total	0	1	1	0	2	0	0	0	0	0	0	0	2	0	2	0	0	1	0	1	0	0	0	0	0	0	5	5
05:00 PM	0	1	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	1	0	1	0	0	0	0	0	0	3	3
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	2
05:45 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Total	0	3	0	0	3	0	0	0	0	0	0	1	1	0	2	0	0	1	0	1	0	0	0	0	0	0	6	6
Grand Total	0	4	1	0	5	0	0	0	0	0	0	1	3	0	4	0	0	2	0	2	0	0	0	0	0	0	11	11
Apprch %	0	80	20			0	0	0			0	25	75			0	0	100										
Total %	0	36.4	9.1		45.5	0	0	0		0	0	9.1	27.3		36.4	0	0	18.2		18.2	0	0				0	100	

Start Time	Weir Canyon Road Southbound				SR-91 Eastbound On Ramp Westbound				Weir Canyon Road Northbound				SR-91 Eastbound Ramps Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	1	0	1	0	0	0	0	0	0	1	1	0	0	1	1	3
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	1	0	1	0	0	0	0	0	1	0	1	0	0	0	0	2
05:45 PM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Total Volume	0	3	0	3	0	0	0	0	0	1	1	2	0	0	1	1	6
% App. Total	0	100	0		0	0	0		0	50	50		0	0	100		
PHF	.000	.750	.000	.750	.000	.000	.000	.000	.000	.250	.250	.500	.000	.000	.250	.250	.500



City of Anaheim
 N/S: Weir Canyon Road
 E/W: SR-91 Eastbound Ramps
 Weather: Clear

File Name : 18_ANA_Weir_91E PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Weir Canyon Road Southbound				SR-91 Eastbound On Ramp Westbound				Weir Canyon Road Northbound				SR-91 Eastbound Ramps Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	05:00 PM				05:00 PM				05:00 PM				05:00 PM				
+0 mins.	0	1	0	1	0	0	0	0	0	0	1	1	0	0	1	1	
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
+30 mins.	0	1	0	1	0	0	0	0	0	1	0	1	0	0	0	0	
+45 mins.	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
Total Volume	0	3	0	3	0	0	0	0	0	1	1	2	0	0	1	1	
% App. Total	0	100	0		0	0	0		0	50	50		0	0	100		
PHF	.000	.750	.000	.750	.000	.000	.000	.000	.000	.250	.250	.500	.000	.000	.250	.250	

City of Anaheim
 N/S: Weir Canyon Road
 E/W: SR-91 Eastbound Ramps
 Weather: Clear

File Name : 18_ANA_Weir_91E PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

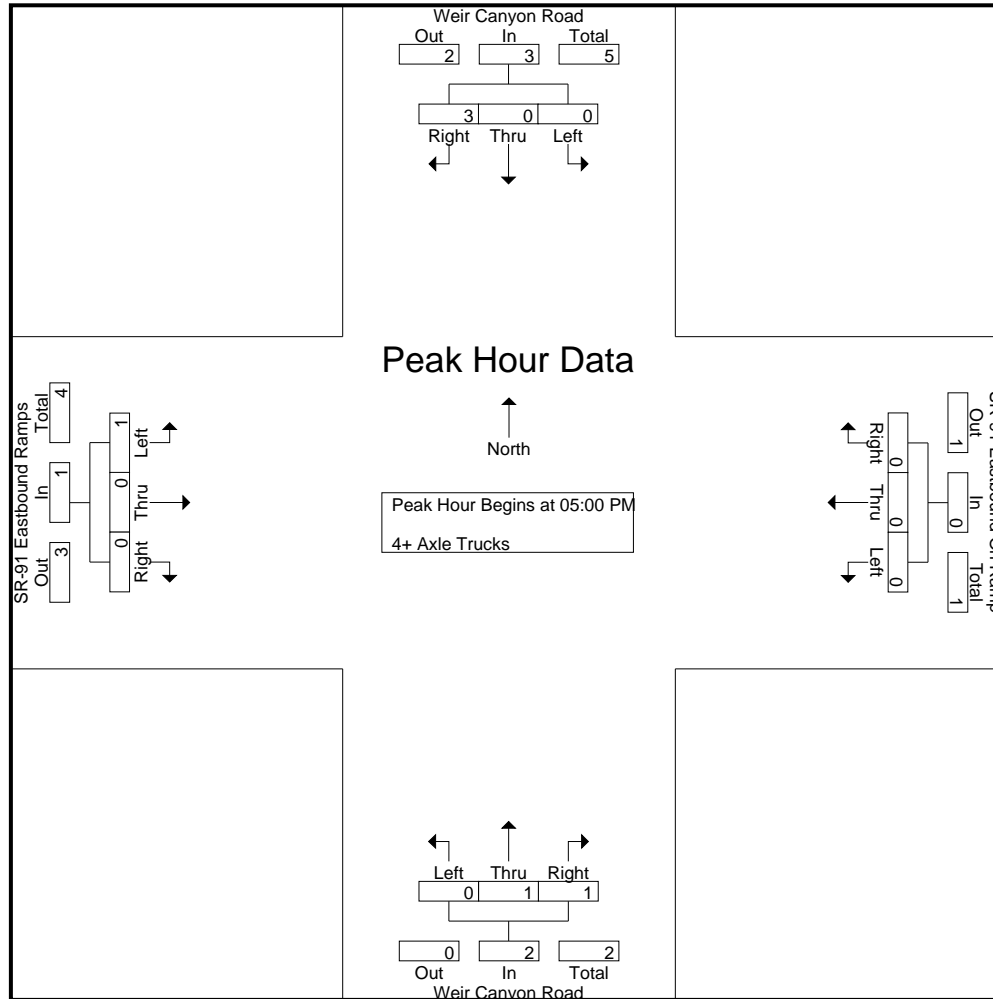
Groups Printed- 4+ Axle Trucks

Start Time	Weir Canyon Road Southbound					SR-91 Eastbound On Ramp Westbound					Weir Canyon Road Northbound					SR-91 Eastbound Ramps Eastbound					Exclu. Total	Inclu. Total	Int. Total					
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total								
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	1	0	1	1
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	2	2
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	3	0	0	3	0	3	0	3	3
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	1	0	1	0	0	0	0	0	0	0	1	0	1	1	0	0	0	1	0	0	3	0	3	0	3	3
05:30 PM	0	0	1	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	2	0	2	0	2	2
05:45 PM	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	1
Total	0	0	3	0	3	0	0	0	0	0	0	1	1	0	2	1	0	0	0	1	0	0	6	0	6	0	6	6
Grand Total	0	0	3	0	3	0	0	0	0	0	0	1	1	0	2	3	0	1	0	4	0	0	9	0	9	0	9	9
Apprch %	0	0	100			0	0	0			0	50	50			75	0	25			0	0	100			0	100	100
Total %	0	0	33.3		33.3	0	0	0		0	0	11.1	11.1		22.2	33.3	0	11.1		44.4	0	0	100		100	0	100	100

Start Time	Weir Canyon Road Southbound				SR-91 Eastbound On Ramp Westbound				Weir Canyon Road Northbound				SR-91 Eastbound Ramps Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	1	1	0	0	0	0	0	0	1	1	1	0	0	1	3
05:30 PM	0	0	1	1	0	0	0	0	0	1	0	1	0	0	0	0	2
05:45 PM	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Total Volume	0	0	3	3	0	0	0	0	0	1	1	2	1	0	0	1	6
% App. Total	0	0	100		0	0	0		0	50	50		100	0	0		100
PHF	.000	.000	.750	.750	.000	.000	.000	.000	.000	.250	.250	.500	.250	.000	.000	.250	.500

City of Anaheim
 N/S: Weir Canyon Road
 E/W: SR-91 Eastbound Ramps
 Weather: Clear

File Name : 18_ANA_Weir_91E PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 2



City of Anaheim
 N/S: Weir Canyon Road
 E/W: SR-91 Eastbound Ramps
 Weather: Clear

File Name : 18_ANA_Weir_91E PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Weir Canyon Road Southbound				SR-91 Eastbound On Ramp Westbound				Weir Canyon Road Northbound				SR-91 Eastbound Ramps Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	05:00 PM				05:00 PM				05:00 PM				05:00 PM				
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
+15 mins.	0	0	1	1	0	0	0	0	0	0	1	1	1	0	0	1	
+30 mins.	0	0	1	1	0	0	0	0	0	1	0	1	0	0	0	0	
+45 mins.	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	
Total Volume	0	0	3	3	0	0	0	0	0	1	1	2	1	0	0	1	
% App. Total	0	0	100		0	0	0		0	50	50		100	0	0		
PHF	.000	.000	.750	.750	.000	.000	.000	.000	.000	.250	.250	.500	.250	.000	.000	.250	

Location: Anaheim
 N/S: Weir Canyon Road
 E/W: SR-91 EB Ramps



Date: 3/15/2022
 Day: Tuesday

PEDESTRIANS

	North Leg Weir Canyon Road	East Leg SR-91 EB Ramps	South Leg Weir Canyon Road	West Leg SR-91 EB Ramps	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	0	0	0	0	0
7:45 AM	0	0	0	0	0
8:00 AM	0	0	0	0	0
8:15 AM	0	0	0	0	0
8:30 AM	0	0	0	0	0
8:45 AM	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	0

	North Leg Weir Canyon Road	East Leg SR-91 EB Ramps	South Leg Weir Canyon Road	West Leg SR-91 EB Ramps	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	0	0	0
4:15 PM	0	1	0	0	1
4:30 PM	0	0	0	0	0
4:45 PM	0	0	0	0	0
5:00 PM	0	0	0	0	0
5:15 PM	0	0	0	0	0
5:30 PM	0	1	0	0	1
5:45 PM	0	0	0	0	0
TOTAL VOLUMES:	0	2	0	0	2

Location: Anaheim
 N/S: Weir Canyon Road
 E/W: SR-91 EB Ramps



Date: 3/15/2022
 Day: Tuesday

BICYCLES

	Southbound Weir Canyon Road			Westbound SR-91 EB Ramps			Northbound Weir Canyon Road			Eastbound SR-91 EB Ramps			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	0	0	0	0	0	0	0	0	0

	Southbound Weir Canyon Road			Westbound SR-91 EB Ramps			Northbound Weir Canyon Road			Eastbound SR-91 EB Ramps			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	2	0	0	0	0	2
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	0	0	0	3	0	0	0	0	3

City of Yorba Linda
 N/S: Bryant Ranch Rd/Gypsum Canyon Rd
 E/W: La Palma Avenue
 Weather: Clear

File Name : 19_YLA_Gyp_La P AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

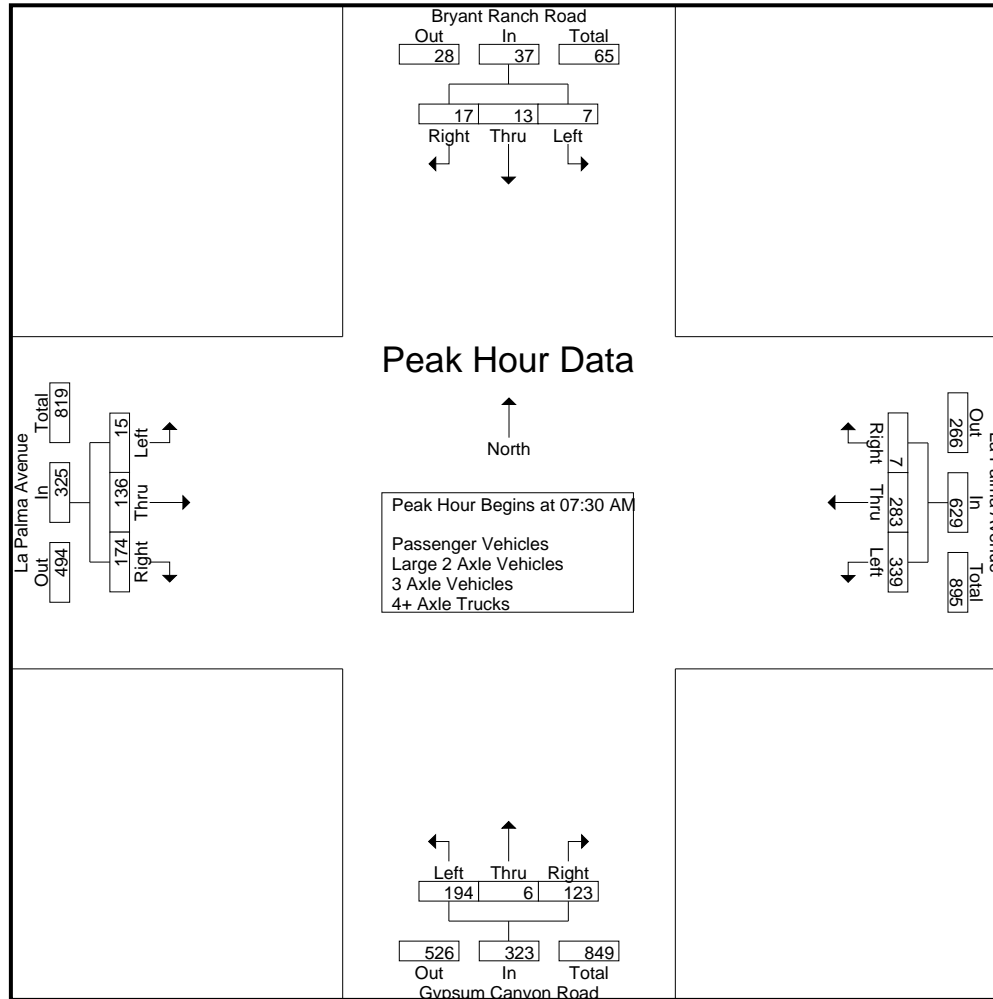
Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

Start Time	Bryant Ranch Road Southbound					La Palma Avenue Westbound					Gypsum Canyon Road Northbound					La Palma Avenue Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	0	6	3	3	9	61	40	0	0	101	35	0	16	12	51	1	6	40	20	47	35	208	243
07:15 AM	2	4	5	5	11	94	73	0	0	167	34	1	24	17	59	2	15	39	15	56	37	293	330
07:30 AM	5	3	7	7	15	90	103	2	0	195	52	3	39	23	94	2	24	53	33	79	63	383	446
07:45 AM	1	3	1	1	5	101	45	3	0	149	41	0	25	13	66	8	47	49	21	104	35	324	359
Total	8	16	16	16	40	346	261	5	0	612	162	4	104	65	270	13	92	181	89	286	170	1208	1378
08:00 AM	1	1	4	3	6	84	54	0	0	138	51	2	30	19	83	3	40	36	18	79	40	306	346
08:15 AM	0	6	5	3	11	64	81	2	0	147	50	1	29	19	80	2	25	36	15	63	37	301	338
08:30 AM	0	4	0	0	4	65	63	2	1	130	41	3	27	11	71	4	41	47	18	92	30	297	327
08:45 AM	1	4	1	0	6	51	33	1	0	85	41	1	29	19	71	3	50	31	15	84	34	246	280
Total	2	15	10	6	27	264	231	5	1	500	183	7	115	68	305	12	156	150	66	318	141	1150	1291
Grand Total	10	31	26	22	67	610	492	10	1	1112	345	11	219	133	575	25	248	331	155	604	311	2358	2669
Apprch %	14.9	46.3	38.8			54.9	44.2	0.9			60	1.9	38.1			4.1	41.1	54.8					
Total %	0.4	1.3	1.1		2.8	25.9	20.9	0.4		47.2	14.6	0.5	9.3		24.4	1.1	10.5	14		25.6	11.7	88.3	
Passenger Vehicles	10	31	26		89	608	480	10		1099	308	9	209		653	24	234	300		700	0	0	2541
% Passenger Vehicles	100	100	100	100	100	99.7	97.6	100	100	98.7	89.3	81.8	95.4	95.5	92.2	96	94.4	90.6	91.6	92.2	0	0	95.2
Large 2 Axle Vehicles	0	0	0		0	2	12	0		14	27	2	10		45	1	14	8		25	0	0	84
% Large 2 Axle Vehicles	0	0	0	0	0	0.3	2.4	0	0	1.3	7.8	18.2	4.6	4.5	6.4	4	5.6	2.4	1.3	3.3	0	0	3.1
3 Axle Vehicles	0	0	0		0	0	0	0		0	3	0	0		3	0	0	18		27	0	0	30
% 3 Axle Vehicles	0	0	0	0	0	0	0	0	0	0	0.9	0	0	0	0.4	0	0	5.4	5.8	3.6	0	0	1.1
4+ Axle Trucks	0	0	0		0	0	0	0		0	7	0	0		7	0	0	5		7	0	0	14
% 4+ Axle Trucks	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	1.5	1.3	0.9	0	0	0.5

Start Time	Bryant Ranch Road Southbound				La Palma Avenue Westbound				Gypsum Canyon Road Northbound				La Palma Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	5	3	7	15	90	103	2	195	52	3	39	94	2	24	53	79	383
07:45 AM	1	3	1	5	101	45	3	149	41	0	25	66	8	47	49	104	324
08:00 AM	1	1	4	6	84	54	0	138	51	2	30	83	3	40	36	79	306
08:15 AM	0	6	5	11	64	81	2	147	50	1	29	80	2	25	36	63	301
Total Volume	7	13	17	37	339	283	7	629	194	6	123	323	15	136	174	325	1314
% App. Total	18.9	35.1	45.9		53.9	45	1.1		60.1	1.9	38.1		4.6	41.8	53.5		
PHF	.350	.542	.607	.617	.839	.687	.583	.806	.933	.500	.788	.859	.469	.723	.821	.781	.858

City of Yorba Linda
 N/S: Bryant Ranch Rd/Gypsum Canyon Rd
 E/W: La Palma Avenue
 Weather: Clear

File Name : 19_YLA_Gyp_La P AM
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City of Yorba Linda
 N/S: Bryant Ranch Rd/Gypsum Canyon Rd
 E/W: La Palma Avenue
 Weather: Clear

File Name : 19_YLA_Gyp_La P AM
 Site Code : 05122223
 Start Date : 3/15/2022
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Start Time	Bryant Ranch Road Southbound				La Palma Avenue Westbound				Gypsum Canyon Road Northbound				La Palma Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:00 AM				07:15 AM				07:30 AM				07:45 AM				
+0 mins.	0	6	3	9	94	73	0	167	52	3	39	94	8	47	49	104	
+15 mins.	2	4	5	11	90	103	2	195	41	0	25	66	3	40	36	79	
+30 mins.	5	3	7	15	101	45	3	149	51	2	30	83	2	25	36	63	
+45 mins.	1	3	1	5	84	54	0	138	50	1	29	80	4	41	47	92	
Total Volume	8	16	16	40	369	275	5	649	194	6	123	323	17	153	168	338	
% App. Total	20	40	40		56.9	42.4	0.8		60.1	1.9	38.1		5	45.3	49.7		
PHF	.400	.667	.571	.667	.913	.667	.417	.832	.933	.500	.788	.859	.531	.814	.857	.813	

City of Yorba Linda
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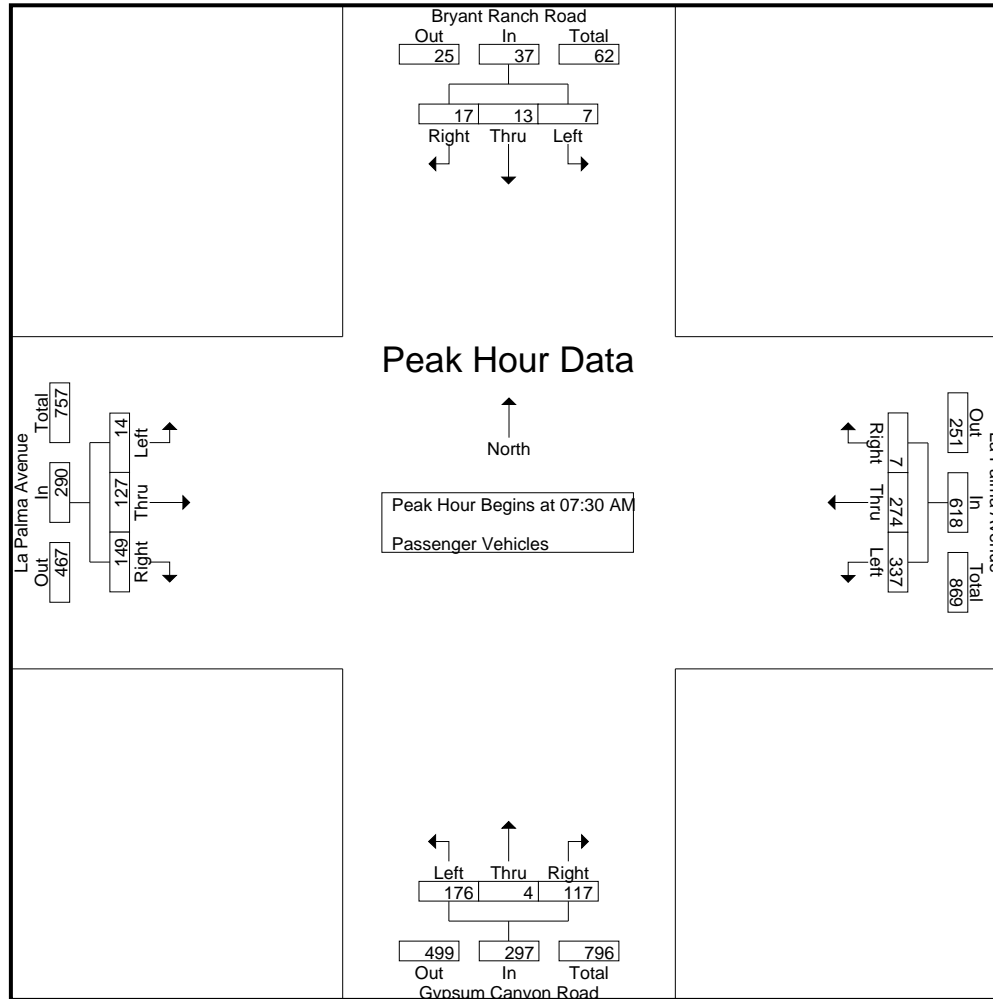
Groups Printed- Passenger Vehicles

Start Time	Bryant Ranch Road Southbound					La Palma Avenue Westbound					Gypsum Canyon Road Northbound					La Palma Avenue Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	0	6	3	3	9	61	38	0	0	99	29	0	15	11	44	1	5	40	20	46	34	198	232
07:15 AM	2	4	5	5	11	94	73	0	0	167	28	1	24	17	53	2	14	39	15	55	37	286	323
07:30 AM	5	3	7	7	15	89	101	2	0	192	46	2	38	22	86	1	22	39	26	62	55	355	410
07:45 AM	1	3	1	1	5	101	43	3	0	147	39	0	24	13	63	8	43	45	21	96	35	311	346
Total	8	16	16	16	40	345	255	5	0	605	142	3	101	63	246	12	84	163	82	259	161	1150	1311
08:00 AM	1	1	4	3	6	83	53	0	0	136	44	1	26	16	71	3	38	32	14	73	33	286	319
08:15 AM	0	6	5	3	11	64	77	2	0	143	47	1	29	19	77	2	24	33	13	59	35	290	325
08:30 AM	0	4	0	0	4	65	63	2	1	130	37	3	26	10	66	4	38	43	18	85	29	285	314
08:45 AM	1	4	1	0	6	51	32	1	0	84	38	1	27	19	66	3	50	29	15	82	34	238	272
Total	2	15	10	6	27	263	225	5	1	493	166	6	108	64	280	12	150	137	60	299	131	1099	1230
Grand Total	10	31	26	22	67	608	480	10	1	1098	308	9	209	127	526	24	234	300	142	558	292	2249	2541
Apprch %	14.9	46.3	38.8			55.4	43.7	0.9			58.6	1.7	39.7			4.3	41.9	53.8					
Total %	0.4	1.4	1.2		3	27	21.3	0.4		48.8	13.7	0.4	9.3		23.4	1.1	10.4	13.3		24.8	11.5	88.5	

Start Time	Bryant Ranch Road Southbound				La Palma Avenue Westbound				Gypsum Canyon Road Northbound				La Palma Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	5	3	7	15	89	101	2	192	46	2	38	86	1	22	39	62	355
07:45 AM	1	3	1	5	101	43	3	147	39	0	24	63	8	43	45	96	311
08:00 AM	1	1	4	6	83	53	0	136	44	1	26	71	3	38	32	73	286
08:15 AM	0	6	5	11	64	77	2	143	47	1	29	77	2	24	33	59	290
Total Volume	7	13	17	37	337	274	7	618	176	4	117	297	14	127	149	290	1242
% App. Total	18.9	35.1	45.9		54.5	44.3	1.1		59.3	1.3	39.4		4.8	43.8	51.4		
PHF	.350	.542	.607	.617	.834	.678	.583	.805	.936	.500	.770	.863	.438	.738	.828	.755	.875

City of Yorba Linda
 N/S: Bryant Ranch Rd/Gypsum Canyon Rd
 E/W: La Palma Avenue
 Weather: Clear

File Name : 19_YLA_Gyp_La P AM
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City of Yorba Linda
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 E/W: La Palma Avenue
 Weather: Clear

File Name : 19_YLA_Gyp_La P AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Bryant Ranch Road Southbound				La Palma Avenue Westbound				Gypsum Canyon Road Northbound				La Palma Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:30 AM				07:30 AM				07:30 AM				07:30 AM				
+0 mins.	5	3	7	15	89	101	2	192	46	2	38	86	1	22	39	62	
+15 mins.	1	3	1	5	101	43	3	147	39	0	24	63	8	43	45	96	
+30 mins.	1	1	4	6	83	53	0	136	44	1	26	71	3	38	32	73	
+45 mins.	0	6	5	11	64	77	2	143	47	1	29	77	2	24	33	59	
Total Volume	7	13	17	37	337	274	7	618	176	4	117	297	14	127	149	290	
% App. Total	18.9	35.1	45.9		54.5	44.3	1.1		59.3	1.3	39.4		4.8	43.8	51.4		
PHF	.350	.542	.607	.617	.834	.678	.583	.805	.936	.500	.770	.863	.438	.738	.828	.755	

City of Yorba Linda
 N/S: Bryant Ranch Rd/Gypsum Canyon Rd
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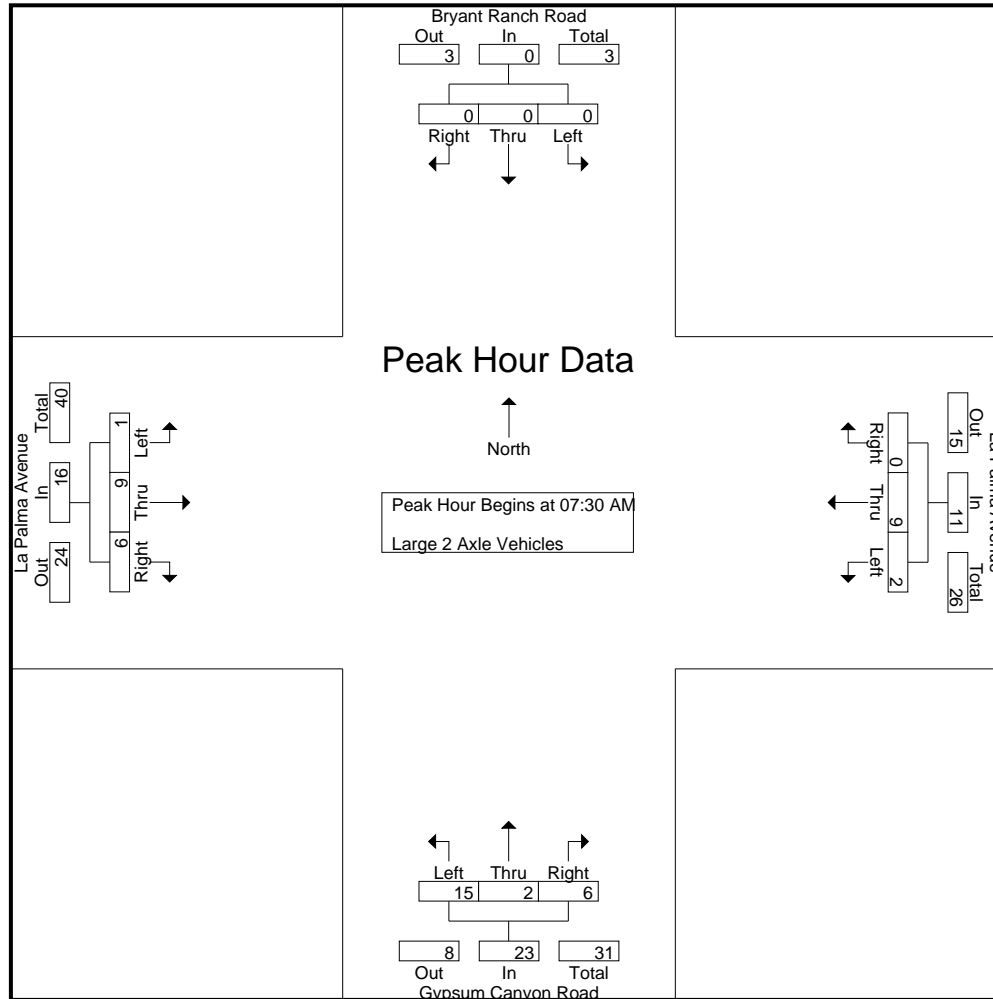
Groups Printed- Large 2 Axle Vehicles

Start Time	Bryant Ranch Road Southbound					La Palma Avenue Westbound					Gypsum Canyon Road Northbound					La Palma Avenue Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	0	0	0	0	0	0	2	0	0	2	5	0	1	1	6	0	1	0	0	1	1	9	10
07:15 AM	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	1	0	0	1	0	3	3
07:30 AM	0	0	0	0	0	1	2	0	0	3	5	1	1	1	7	1	2	3	1	6	2	16	18
07:45 AM	0	0	0	0	0	0	2	0	0	2	2	0	1	0	3	0	4	2	0	6	0	11	11
Total	0	0	0	0	0	1	6	0	0	7	14	1	3	2	18	1	8	5	1	14	3	39	42
08:00 AM	0	0	0	0	0	1	1	0	0	2	6	1	4	3	11	0	2	1	1	3	4	16	20
08:15 AM	0	0	0	0	0	0	4	0	0	4	2	0	0	0	2	0	1	0	0	1	0	7	7
08:30 AM	0	0	0	0	0	0	0	0	0	0	3	0	1	1	4	0	3	1	0	4	1	8	9
08:45 AM	0	0	0	0	0	0	1	0	0	1	2	0	2	0	4	0	0	1	0	1	0	6	6
Total	0	0	0	0	0	1	6	0	0	7	13	1	7	4	21	0	6	3	1	9	5	37	42
Grand Total	0	0	0	0	0	2	12	0	0	14	27	2	10	6	39	1	14	8	2	23	8	76	84
Apprch %	0	0	0			14.3	85.7	0			69.2	5.1	25.6			4.3	60.9	34.8					
Total %	0	0	0			2.6	15.8	0		18.4	35.5	2.6	13.2		51.3	1.3	18.4	10.5		30.3	9.5	90.5	

Start Time	Bryant Ranch Road Southbound				La Palma Avenue Westbound				Gypsum Canyon Road Northbound				La Palma Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	0	0	0	1	2	0	3	5	1	1	7	1	2	3	6	16
07:45 AM	0	0	0	0	0	2	0	2	2	0	1	3	0	4	2	6	11
08:00 AM	0	0	0	0	1	1	0	2	6	1	4	11	0	2	1	3	16
08:15 AM	0	0	0	0	0	4	0	4	2	0	0	2	0	1	0	1	7
Total Volume	0	0	0	0	2	9	0	11	15	2	6	23	1	9	6	16	50
% App. Total	0	0	0		18.2	81.8	0		65.2	8.7	26.1		6.2	56.2	37.5		
PHF	.000	.000	.000	.000	.500	.563	.000	.688	.625	.500	.375	.523	.250	.563	.500	.667	.781

City of Yorba Linda
 N/S: Bryant Ranch Rd/Gypsum Canyon Rd
 E/W: La Palma Avenue
 Weather: Clear

File Name : 19_YLA_Gyp_La P AM
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City of Yorba Linda
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 Start Date : 3/15/2022
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Start Time	Bryant Ranch Road Southbound				La Palma Avenue Westbound				Gypsum Canyon Road Northbound				La Palma Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:30 AM				07:30 AM				07:30 AM				07:30 AM				
+0 mins.	0	0	0	0	1	2	0	3	5	1	1	7	1	2	3	6	
+15 mins.	0	0	0	0	0	2	0	2	2	0	1	3	0	4	2	6	
+30 mins.	0	0	0	0	1	1	0	2	6	1	4	11	0	2	1	3	
+45 mins.	0	0	0	0	0	4	0	4	2	0	0	2	0	1	0	1	
Total Volume	0	0	0	0	2	9	0	11	15	2	6	23	1	9	6	16	
% App. Total	0	0	0	0	18.2	81.8	0		65.2	8.7	26.1		6.2	56.2	37.5		
PHF	.000	.000	.000	.000	.500	.563	.000	.688	.625	.500	.375	.523	.250	.563	.500	.667	

City of Yorba Linda
 N/S: Bryant Ranch Rd/Gypsum Canyon Rd
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File Name : 19_YLA_Gyp_La P AM
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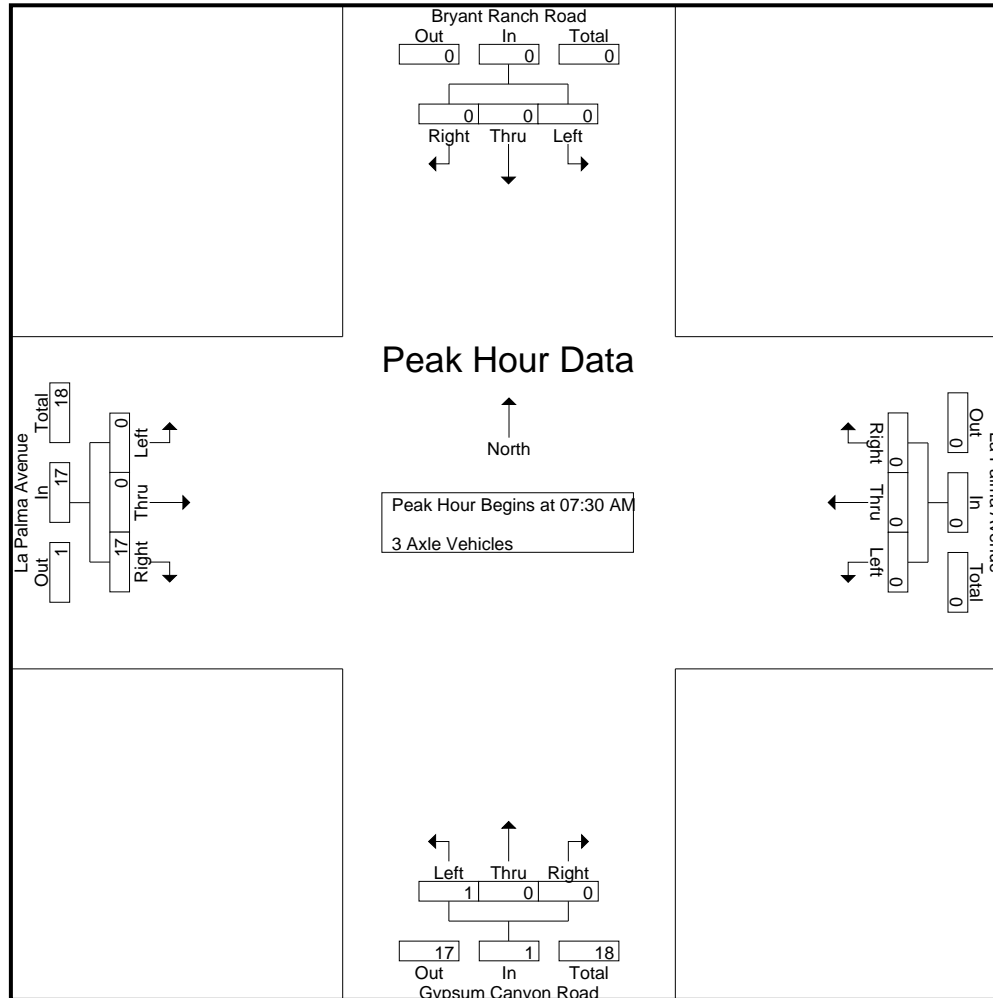
Groups Printed- 3 Axle Vehicles

Start Time	Bryant Ranch Road Southbound					La Palma Avenue Westbound					Gypsum Canyon Road Northbound					La Palma Avenue Eastbound					Exclu. Total	Inclu. Total	Int. Total					
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total								
07:00 AM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1
07:15 AM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1
07:30 AM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	10	5	10	5	11	16					
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	2	2					
Total	0	0	0	0	0	0	0	0	0	0	3	0	0	0	3	0	0	12	5	12	5	15	20					
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	4					
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	3	2	3	5					
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	1					
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	4	6	4	6	10					
Grand Total	0	0	0	0	0	0	0	0	0	0	3	0	0	0	3	0	0	18	9	18	9	21	30					
Apprch %	0	0	0			0	0	0			100	0	0			0	0	100										
Total %	0	0	0			0	0	0			14.3	0	0		14.3	0	0	85.7		85.7	30	70						

Start Time	Bryant Ranch Road Southbound				La Palma Avenue Westbound				Gypsum Canyon Road Northbound				La Palma Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	10	10	11
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3
Total Volume	0	0	0	0	0	0	0	0	1	0	0	1	0	0	17	17	18
% App. Total	0	0	0		0	0	0		100	0	0		0	0	100		
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.250	.000	.000	.250	.000	.000	.425	.425	.409

City of Yorba Linda
 N/S: Bryant Ranch Rd/Gypsum Canyon Rd
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City of Yorba Linda
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 Page No : 3

Start Time	Bryant Ranch Road Southbound				La Palma Avenue Westbound				Gypsum Canyon Road Northbound				La Palma Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:30 AM				07:30 AM				07:30 AM				07:30 AM				
+0 mins.	0	0	0	0	0	0	0	0	1	0	0	1	0	0	10	10	
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	
Total Volume	0	0	0	0	0	0	0	0	1	0	0	1	0	0	17	17	
% App. Total	0	0	0	0	0	0	0	0	100	0	0	0	0	0	100	0	
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.250	.000	.000	.250	.000	.000	.425	.425	

City of Yorba Linda
 N/S: Bryant Ranch Rd/Gypsum Canyon Rd
 E/W: La Palma Avenue
 Weather: Clear

File Name : 19_YLA_Gyp_La P AM
 Site Code : 05122223
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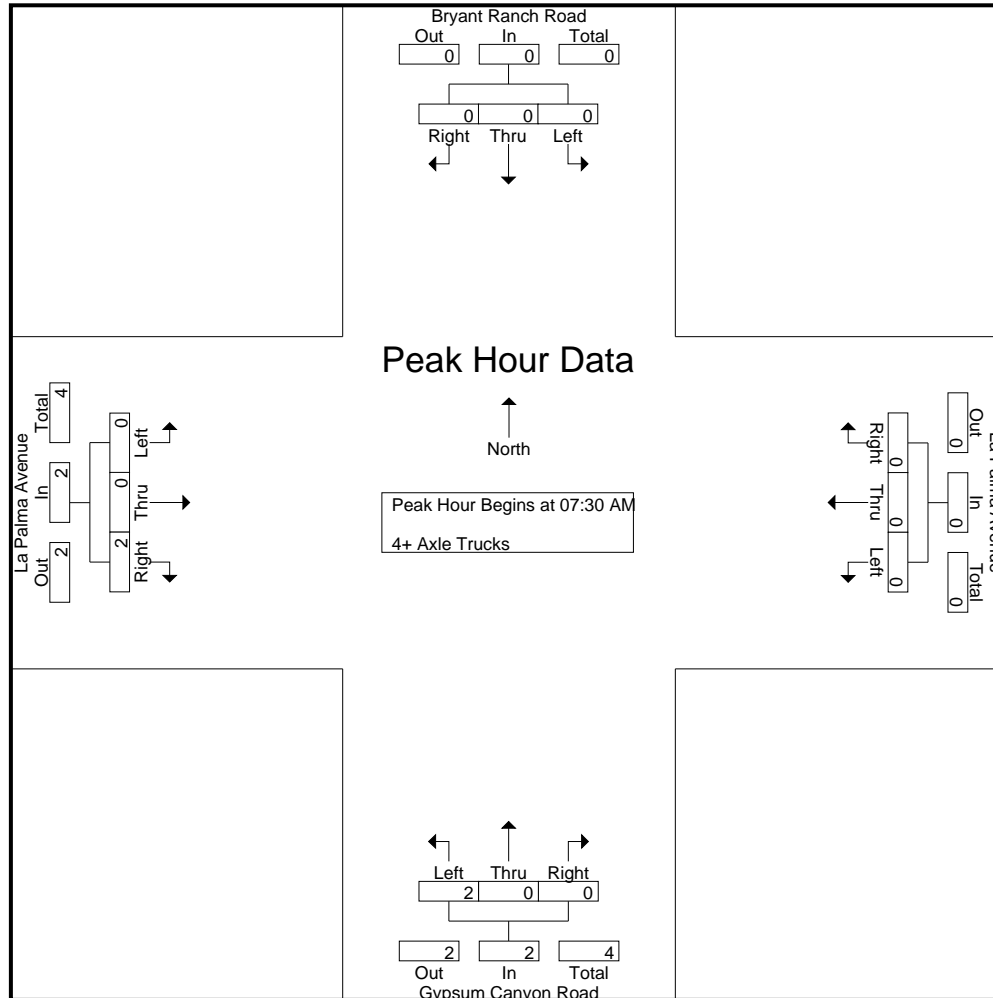
Groups Printed- 4+ Axle Trucks

Start Time	Bryant Ranch Road Southbound					La Palma Avenue Westbound					Gypsum Canyon Road Northbound					La Palma Avenue Eastbound					Exclu. Total	Inclu. Total	Int. Total				
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total							
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	0	0	0	0	0	0	0	0	0	3	0	0	0	3	0	0	0	0	0	0	0	0	0	0	3	3
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	3	0	0	0	3	0	0	1	1	1	1	1	1	1	1	4	5
08:00 AM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	1	1	1	1	1	1	1	2	3
08:15 AM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1
08:30 AM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	2	0	2	2	0	0	0	0	3	3
08:45 AM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	0	1	1	0	0	0	0	2	2
Total	0	0	0	0	0	0	0	0	0	0	4	0	0	0	4	0	0	4	1	4	4	0	0	0	1	8	9
Grand Total	0	0	0	0	0	0	0	0	0	0	7	0	0	0	7	0	0	5	2	5	5	0	0	0	2	12	14
Apprch %	0	0	0			0	0	0			100	0	0			0	0	100									
Total %	0	0	0			0	0	0			58.3	0	0		58.3	0	0	41.7		41.7	41.7				14.3	85.7	

Start Time	Bryant Ranch Road Southbound				La Palma Avenue Westbound				Gypsum Canyon Road Northbound				La Palma Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	1	2
08:15 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1
Total Volume	0	0	0	0	0	0	0	0	2	0	0	2	0	0	2	2	4
% App. Total	0	0	0		0	0	0		100	0	0		0	0	100		
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.500	.000	.000	.500	.000	.000	.500	.500	.500

City of Yorba Linda
 N/S: Bryant Ranch Rd/Gypsum Canyon Rd
 E/W: La Palma Avenue
 Weather: Clear

File Name : 19_YLA_Gyp_La P AM
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City of Yorba Linda
 N/S: Bryant Ranch Rd/Gypsum Canyon Rd
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 Weather: Clear

File Name : 19_YLA_Gyp_La P AM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 3

Start Time	Bryant Ranch Road Southbound				La Palma Avenue Westbound				Gypsum Canyon Road Northbound				La Palma Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:30 AM				07:30 AM				07:30 AM				07:30 AM				
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
+30 mins.	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	1	
+45 mins.	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	
Total Volume	0	0	0	0	0	0	0	0	2	0	0	2	0	0	2	2	
% App. Total	0	0	0	0	0	0	0	0	100	0	0	50	0	0	100	50	
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.500	.000	.000	.500	.000	.000	.500	.500	

City of Yorba Linda
 N/S: Bryant Ranch Rd/Gypsum Canyon Rd
 E/W: La Palma Avenue
 Weather: Clear

File Name : 19_YLA_Gyp_La P PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

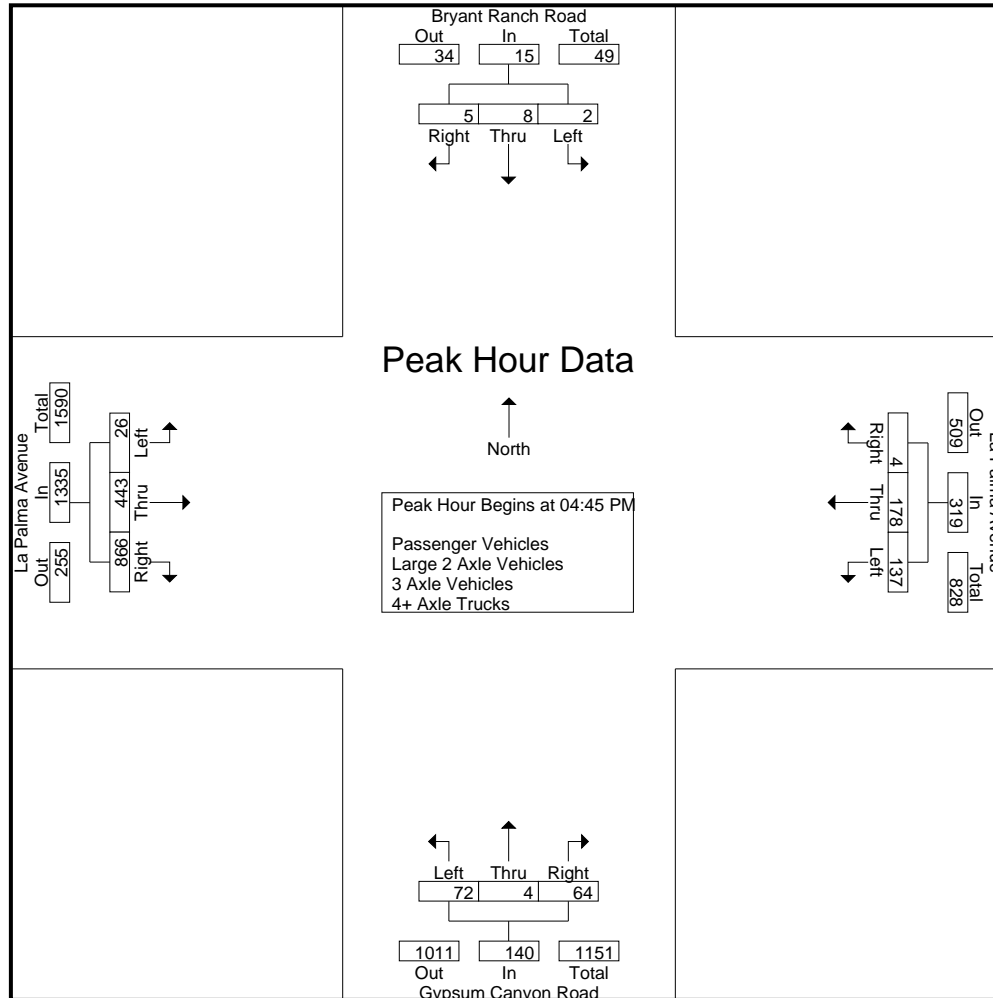
Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

Start Time	Bryant Ranch Road Southbound					La Palma Avenue Westbound					Gypsum Canyon Road Northbound					La Palma Avenue Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	0	0	7	7	7	14	57	0	0	71	27	2	17	12	46	7	116	190	43	313	62	437	499
04:15 PM	0	3	4	4	7	35	55	0	0	90	31	0	9	7	40	1	97	158	33	256	44	393	437
04:30 PM	0	3	0	0	3	33	51	0	0	84	35	1	17	13	53	11	104	153	28	268	41	408	449
04:45 PM	0	3	1	1	4	43	37	0	0	80	28	2	15	13	45	8	101	201	70	310	84	439	523
Total	0	9	12	12	21	125	200	0	0	325	121	5	58	45	184	27	418	702	174	1147	231	1677	1908
05:00 PM	0	2	2	2	4	34	60	3	0	97	9	2	15	13	26	8	121	239	42	368	57	495	552
05:15 PM	2	2	1	1	5	28	39	0	0	67	16	0	12	8	28	5	107	224	32	336	41	436	477
05:30 PM	0	1	1	1	2	32	42	1	0	75	19	0	22	18	41	5	114	202	38	321	57	439	496
05:45 PM	1	2	6	4	9	31	46	1	0	78	22	1	17	15	40	10	97	165	50	272	69	399	468
Total	3	7	10	8	20	125	187	5	0	317	66	3	66	54	135	28	439	830	162	1297	224	1769	1993
Grand Total	3	16	22	20	41	250	387	5	0	642	187	8	124	99	319	55	857	1532	336	2444	455	3446	3901
Apprch %	7.3	39	53.7			38.9	60.3	0.8			58.6	2.5	38.9			2.3	35.1	62.7					
Total %	0.1	0.5	0.6		1.2	7.3	11.2	0.1		18.6	5.4	0.2	3.6		9.3	1.6	24.9	44.5		70.9	11.7	88.3	
Passenger Vehicles	3	16	22		61	246	382	5		633	183	8	124		414	55	853	1493		2726	0	0	3834
% Passenger Vehicles	100	100	100	100	100	98.4	98.7	100	0	98.6	97.9	100	100	100	99	100	99.5	97.5	96.7	98.1	0	0	98.3
Large 2 Axle Vehicles	0	0	0		0	3	5	0		8	4	0	0		4	0	4	37		52	0	0	64
% Large 2 Axle Vehicles	0	0	0	0	0	1.2	1.3	0	0	1.2	2.1	0	0	0	1	0	0.5	2.4	3.3	1.9	0	0	1.6
3 Axle Vehicles	0	0	0		0	1	0	0		1	0	0	0		0	0	0	1		1	0	0	2
% 3 Axle Vehicles	0	0	0	0	0	0.4	0	0	0	0.2	0	0	0	0	0	0	0	0.1	0	0	0	0	0.1
4+ Axle Trucks	0	0	0		0	0	0	0		0	0	0	0		0	0	0	1		1	0	0	1
% 4+ Axle Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0	0	0	0	0

Start Time	Bryant Ranch Road Southbound				La Palma Avenue Westbound				Gypsum Canyon Road Northbound				La Palma Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	0	3	1	4	43	37	0	80	28	2	15	45	8	101	201	310	439
05:00 PM	0	2	2	4	34	60	3	97	9	2	15	26	8	121	239	368	495
05:15 PM	2	2	1	5	28	39	0	67	16	0	12	28	5	107	224	336	436
05:30 PM	0	1	1	2	32	42	1	75	19	0	22	41	5	114	202	321	439
Total Volume	2	8	5	15	137	178	4	319	72	4	64	140	26	443	866	1335	1809
% App. Total	13.3	53.3	33.3		42.9	55.8	1.3		51.4	2.9	45.7		1.9	33.2	64.9		
PHF	.250	.667	.625	.750	.797	.742	.333	.822	.643	.500	.727	.778	.813	.915	.906	.907	.914

City of Yorba Linda
 N/S: Bryant Ranch Rd/Gypsum Canyon Rd
 E/W: La Palma Avenue
 Weather: Clear

File Name : 19_YLA_Gyp_La P PM
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City of Yorba Linda
 N/S: Bryant Ranch Rd/Gypsum Canyon Rd
 E/W: La Palma Avenue
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File Name : 19_YLA_Gyp_La P PM
 Site Code : 05122223
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 Page No : 3

Start Time	Bryant Ranch Road Southbound				La Palma Avenue Westbound				Gypsum Canyon Road Northbound				La Palma Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:00 PM				04:15 PM				04:00 PM				04:45 PM				
+0 mins.	0	0	7	7	35	55	0	90	27	2	17	46	8	101	201	310	
+15 mins.	0	3	4	7	33	51	0	84	31	0	9	40	8	121	239	368	
+30 mins.	0	3	0	3	43	37	0	80	35	1	17	53	5	107	224	336	
+45 mins.	0	3	1	4	34	60	3	97	28	2	15	45	5	114	202	321	
Total Volume	0	9	12	21	145	203	3	351	121	5	58	184	26	443	866	1335	
% App. Total	0	42.9	57.1		41.3	57.8	0.9		65.8	2.7	31.5		1.9	33.2	64.9		
PHF	.000	.750	.429	.750	.843	.846	.250	.905	.864	.625	.853	.868	.813	.915	.906	.907	

City of Yorba Linda
 N/S: Bryant Ranch Rd/Gypsum Canyon Rd
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 Page No : 1

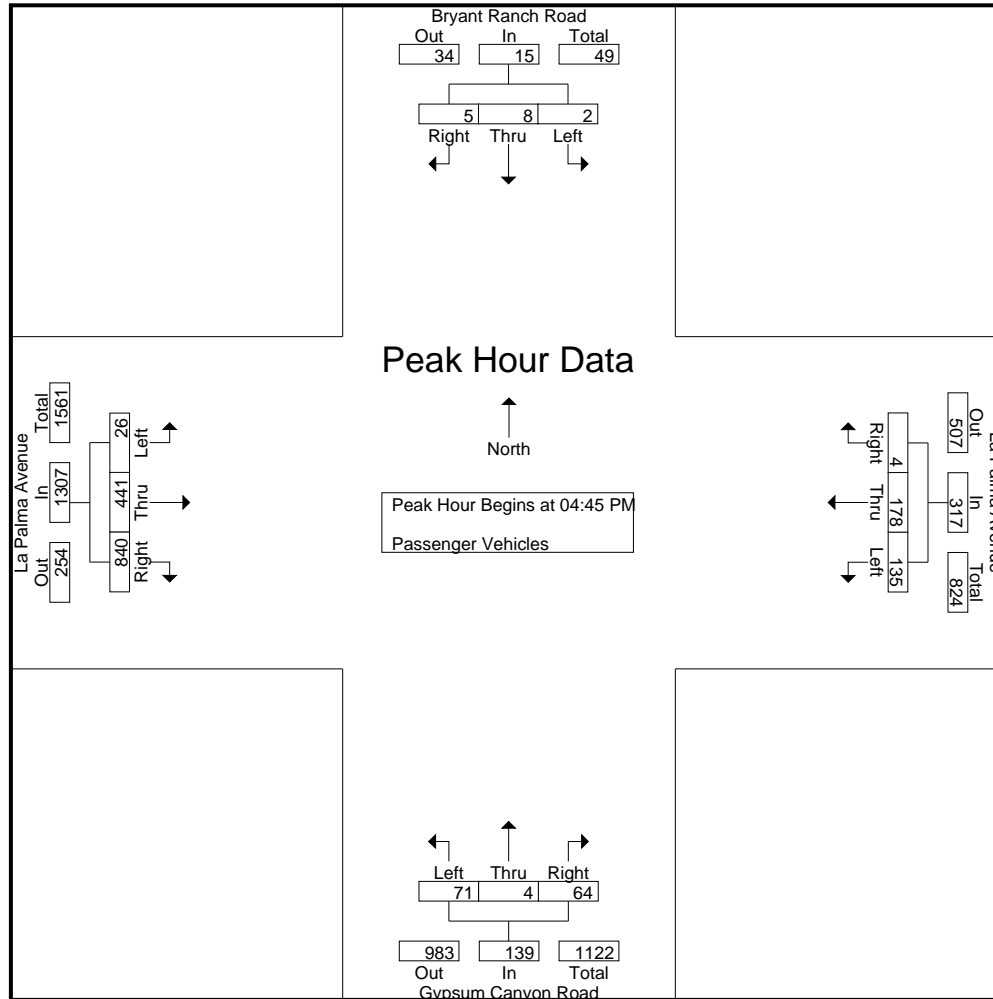
Groups Printed- Passenger Vehicles

Start Time	Bryant Ranch Road Southbound					La Palma Avenue Westbound					Gypsum Canyon Road Northbound					La Palma Avenue Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	0	0	7	7	7	12	52	0	0	64	26	2	17	12	45	7	114	185	39	306	58	422	480
04:15 PM	0	3	4	4	7	35	55	0	0	90	30	0	9	7	39	1	97	154	33	252	44	388	432
04:30 PM	0	3	0	0	3	33	51	0	0	84	35	1	17	13	53	11	104	150	28	265	41	405	446
04:45 PM	0	3	1	1	4	41	37	0	0	78	27	2	15	13	44	8	101	197	69	306	83	432	515
Total	0	9	12	12	21	121	195	0	0	316	118	5	58	45	181	27	416	686	169	1129	226	1647	1873
05:00 PM	0	2	2	2	4	34	60	3	0	97	9	2	15	13	26	8	120	233	40	361	55	488	543
05:15 PM	2	2	1	1	5	28	39	0	0	67	16	0	12	8	28	5	106	218	31	329	40	429	469
05:30 PM	0	1	1	1	2	32	42	1	0	75	19	0	22	18	41	5	114	192	36	311	55	429	484
05:45 PM	1	2	6	4	9	31	46	1	0	78	21	1	17	15	39	10	97	164	49	271	68	397	465
Total	3	7	10	8	20	125	187	5	0	317	65	3	66	54	134	28	437	807	156	1272	218	1743	1961
Grand Total	3	16	22	20	41	246	382	5	0	633	183	8	124	99	315	55	853	1493	325	2401	444	3390	3834
Apprch %	7.3	39	53.7			38.9	60.3	0.8			58.1	2.5	39.4			2.3	35.5	62.2					
Total %	0.1	0.5	0.6		1.2	7.3	11.3	0.1		18.7	5.4	0.2	3.7		9.3	1.6	25.2	44		70.8	11.6	88.4	

Start Time	Bryant Ranch Road Southbound				La Palma Avenue Westbound				Gypsum Canyon Road Northbound				La Palma Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	0	3	1	4	41	37	0	78	27	2	15	44	8	101	197	306	432
05:00 PM	0	2	2	4	34	60	3	97	9	2	15	26	8	120	233	361	488
05:15 PM	2	2	1	5	28	39	0	67	16	0	12	28	5	106	218	329	429
05:30 PM	0	1	1	2	32	42	1	75	19	0	22	41	5	114	192	311	429
Total Volume	2	8	5	15	135	178	4	317	71	4	64	139	26	441	840	1307	1778
% App. Total	13.3	53.3	33.3		42.6	56.2	1.3		51.1	2.9	46		2	33.7	64.3		
PHF	.250	.667	.625	.750	.823	.742	.333	.817	.657	.500	.727	.790	.813	.919	.901	.905	.911

City of Yorba Linda
 N/S: Bryant Ranch Rd/Gypsum Canyon Rd
 E/W: La Palma Avenue
 Weather: Clear

File Name : 19_YLA_Gyp_La P PM
 Site Code : 05122223
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City of Yorba Linda
 N/S: Bryant Ranch Rd/Gypsum Canyon Rd
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File Name : 19_YLA_Gyp_La P PM
 Site Code : 05122223
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Start Time	Bryant Ranch Road Southbound				La Palma Avenue Westbound				Gypsum Canyon Road Northbound				La Palma Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:45 PM				04:45 PM				04:45 PM				04:45 PM				
+0 mins.	0	3	1	4	41	37	0	78	27	2	15	44	8	101	197	306	
+15 mins.	0	2	2	4	34	60	3	97	9	2	15	26	8	120	233	361	
+30 mins.	2	2	1	5	28	39	0	67	16	0	12	28	5	106	218	329	
+45 mins.	0	1	1	2	32	42	1	75	19	0	22	41	5	114	192	311	
Total Volume	2	8	5	15	135	178	4	317	71	4	64	139	26	441	840	1307	
% App. Total	13.3	53.3	33.3		42.6	56.2	1.3		51.1	2.9	46		2	33.7	64.3		
PHF	.250	.667	.625	.750	.823	.742	.333	.817	.657	.500	.727	.790	.813	.919	.901	.905	

City of Yorba Linda
 N/S: Bryant Ranch Rd/Gypsum Canyon Rd
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File Name : 19_YLA_Gyp_La P PM
 Site Code : 05122223
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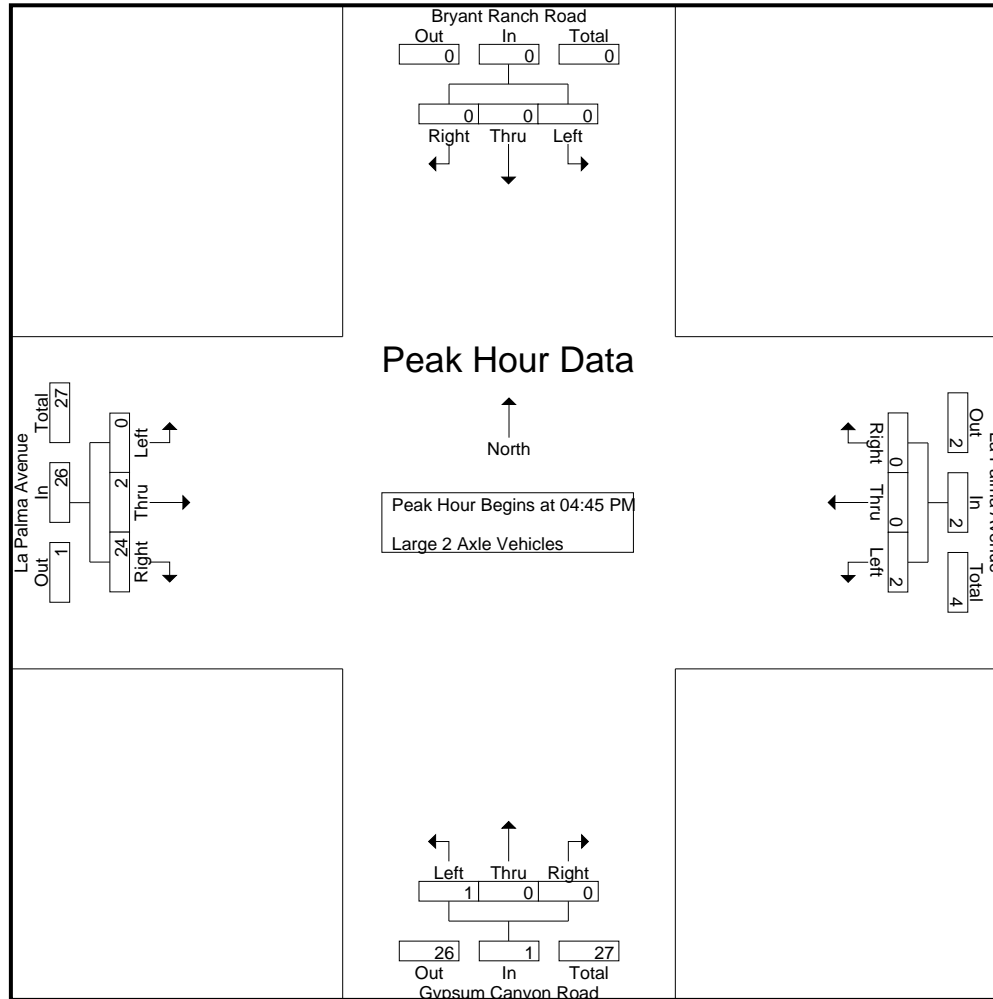
Groups Printed- Large 2 Axle Vehicles

Start Time	Bryant Ranch Road Southbound					La Palma Avenue Westbound					Gypsum Canyon Road Northbound					La Palma Avenue Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	0	0	0	0	0	1	5	0	0	6	1	0	0	0	1	0	2	5	4	7	4	14	18
04:15 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	4	0	4	0	5	5
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3	0	3	3
04:45 PM	0	0	0	0	0	2	0	0	0	2	1	0	0	0	1	0	0	4	1	4	1	7	8
Total	0	0	0	0	0	3	5	0	0	8	3	0	0	0	3	0	2	16	5	18	5	29	34
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	2	6	2	6	8
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6	1	7	1	7	8
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	2	9	2	9	11
05:45 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	1	1	1	2	3
Total	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	2	21	6	23	6	24	30
Grand Total	0	0	0	0	0	3	5	0	0	8	4	0	0	0	4	0	4	37	11	41	11	53	64
Apprch %	0	0	0			37.5	62.5	0			100	0	0			0	9.8	90.2					
Total %	0	0	0			5.7	9.4	0		15.1	7.5	0	0		7.5	0	7.5	69.8		77.4	17.2	82.8	

Start Time	Bryant Ranch Road Southbound				La Palma Avenue Westbound				Gypsum Canyon Road Northbound				La Palma Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	0	0	0	0	2	0	0	2	1	0	0	1	0	0	4	4	7
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	6	6
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6	7	7
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	9	9
Total Volume	0	0	0	0	2	0	0	2	1	0	0	1	0	2	24	26	29
% App. Total	0	0	0		100	0	0		100	0	0		0	7.7	92.3		
PHF	.000	.000	.000	.000	.250	.000	.000	.250	.250	.000	.000	.250	.000	.500	.667	.722	.806

City of Yorba Linda
 N/S: Bryant Ranch Rd/Gypsum Canyon Rd
 E/W: La Palma Avenue
 Weather: Clear

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City of Yorba Linda
 N/S: Bryant Ranch Rd/Gypsum Canyon Rd
 E/W: La Palma Avenue
 Weather: Clear

File Name : 19_YLA_Gyp_La P PM
 Site Code : 05122223
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Start Time	Bryant Ranch Road Southbound				La Palma Avenue Westbound				Gypsum Canyon Road Northbound				La Palma Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:45 PM				04:45 PM				04:45 PM				04:45 PM				
+0 mins.	0	0	0	0	2	0	0	2	1	0	0	1	0	0	4	4	
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	6	
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6	7	
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	9	
Total Volume	0	0	0	0	2	0	0	2	1	0	0	1	0	2	24	26	
% App. Total	0	0	0	0	100	0	0	100	100	0	0	100	0	7.7	92.3		
PHF	.000	.000	.000	.000	.250	.000	.000	.250	.250	.000	.000	.250	.000	.500	.667	.722	

City of Yorba Linda
 N/S: Bryant Ranch Rd/Gypsum Canyon Rd
 E/W: La Palma Avenue
 Weather: Clear

File Name : 19_YLA_Gyp_La P PM
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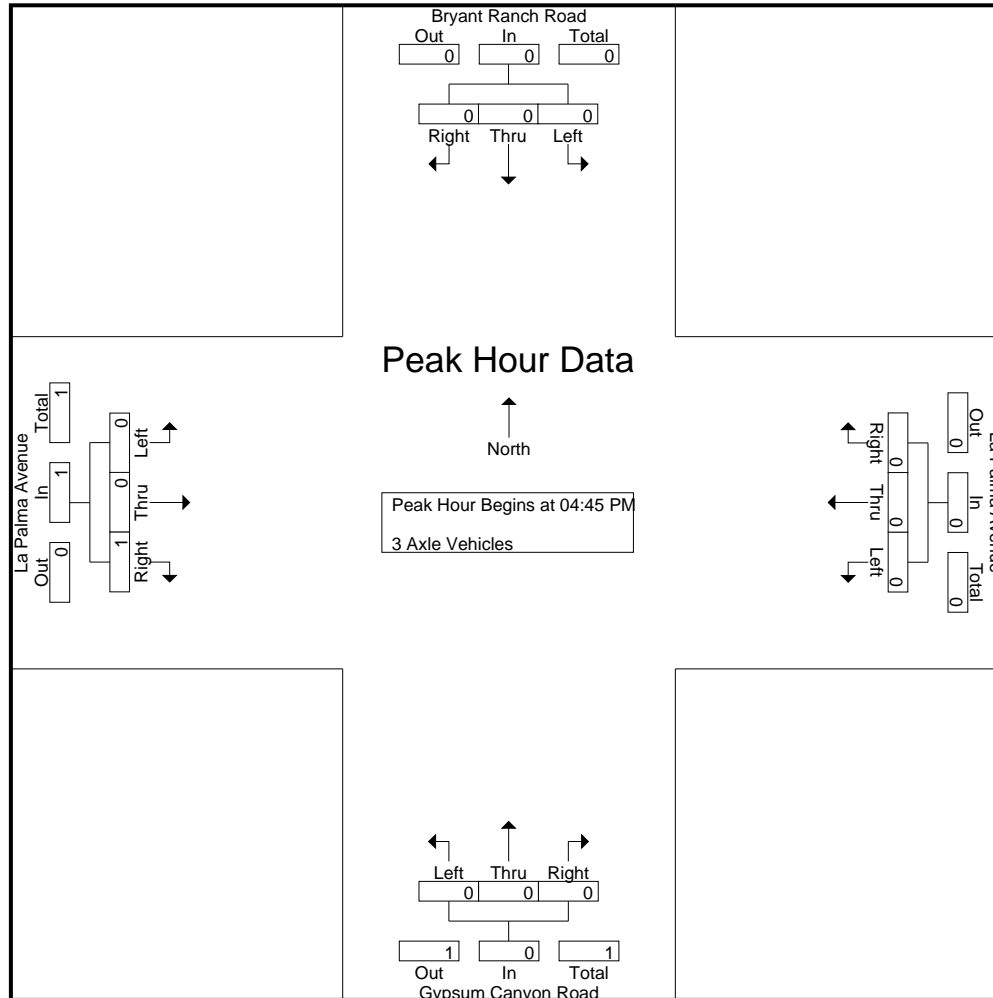
Groups Printed- 3 Axle Vehicles

Start Time	Bryant Ranch Road Southbound					La Palma Avenue Westbound					Gypsum Canyon Road Northbound					La Palma Avenue Eastbound					Exclu. Total	Inclu. Total	Int. Total					
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total								
04:00 PM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	1
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	1	0	1	1
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	1	0	1	1
Grand Total	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	2	0	2	0	2	2
Apprch %	0	0	0			100	0	0			0	0	0			0	0	100										
Total %	0	0	0			50	0	0		50	0	0	0		0	0	0	50		50	0	0	100		100	0	100	

Start Time	Bryant Ranch Road Southbound				La Palma Avenue Westbound				Gypsum Canyon Road Northbound				La Palma Avenue Eastbound				Int. Total				
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total					
Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:45 PM																					
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	1
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	1
% App. Total	0	0	0		0	0	0		0	0	0		0	0	100						
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.250	.250	.250	.250			.250

City of Yorba Linda
 N/S: Bryant Ranch Rd/Gypsum Canyon Rd
 E/W: La Palma Avenue
 Weather: Clear

File Name : 19_YLA_Gyp_La P PM
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City of Yorba Linda
 N/S: Bryant Ranch Rd/Gypsum Canyon Rd
 E/W: La Palma Avenue
 Weather: Clear

File Name : 19_YLA_Gyp_La P PM
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Start Time	Bryant Ranch Road Southbound				La Palma Avenue Westbound				Gypsum Canyon Road Northbound				La Palma Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:45 PM				04:45 PM				04:45 PM				04:45 PM				
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
% App. Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	100	100
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.250	.250	.250

City of Yorba Linda
 N/S: Bryant Ranch Rd/Gypsum Canyon Rd
 E/W: La Palma Avenue
 Weather: Clear

File Name : 19_YLA_Gyp_La P PM
 Site Code : 05122223
 Start Date : 3/15/2022
 Page No : 1

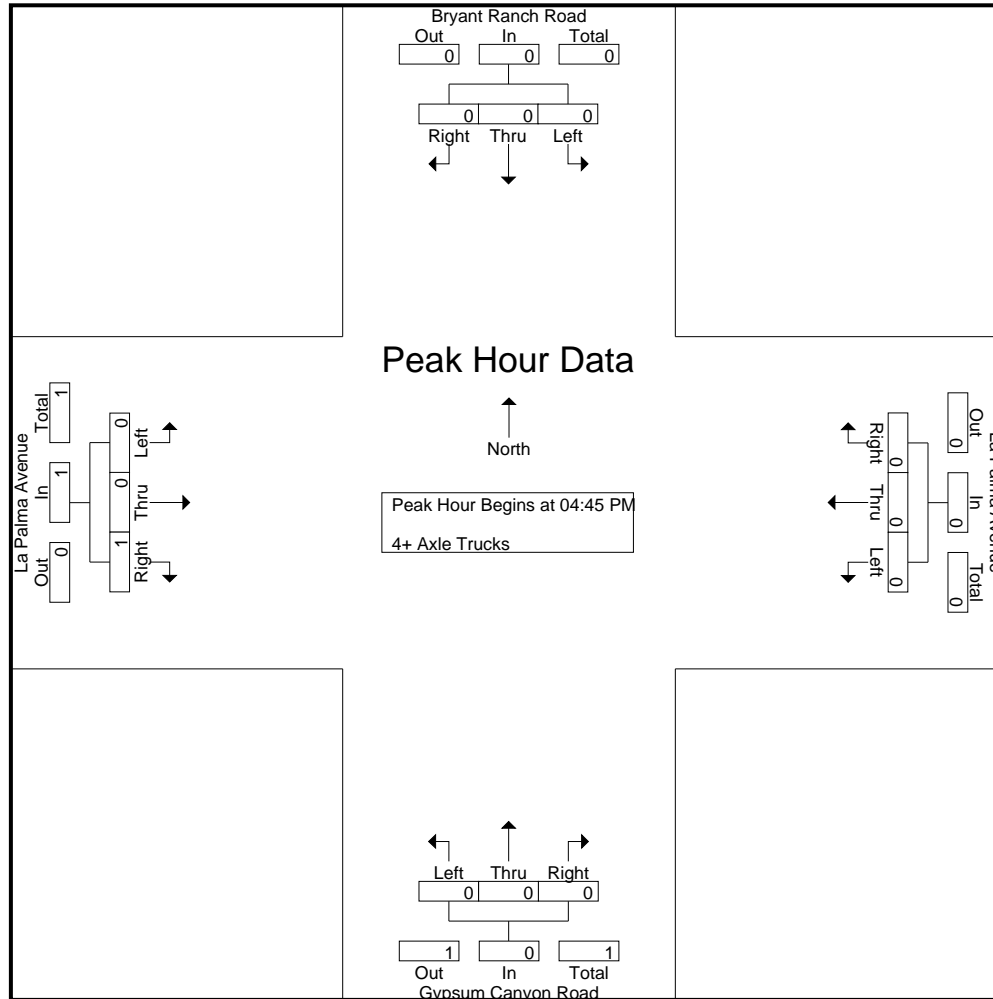
Groups Printed- 4+ Axle Trucks

Start Time	Bryant Ranch Road Southbound					La Palma Avenue Westbound					Gypsum Canyon Road Northbound					La Palma Avenue Eastbound					Exclu. Total	Inclu. Total	Int. Total			
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total						
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	1	1
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	1	1
Grand Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	1	1
Apprch %	0	0	0			0	0	0			0	0	0			0	0	100								
Total %	0	0	0		0	0	0	0		0	0	0	0		0	0	0	100		100	0	0	100	0	100	

Start Time	Bryant Ranch Road Southbound				La Palma Avenue Westbound				Gypsum Canyon Road Northbound				La Palma Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
% App. Total	0	0	0		0	0	0		0	0	0		0	0	100		
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.250	.250	.250

City of Yorba Linda
 N/S: Bryant Ranch Rd/Gypsum Canyon Rd
 E/W: La Palma Avenue
 Weather: Clear

File Name : 19_YLA_Gyp_La P PM
 Site Code : 05122223
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City of Yorba Linda
 N/S: Bryant Ranch Rd/Gypsum Canyon Rd
 E/W: La Palma Avenue
 Weather: Clear

File Name : 19_YLA_Gyp_La P PM
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Start Time	Bryant Ranch Road Southbound				La Palma Avenue Westbound				Gypsum Canyon Road Northbound				La Palma Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:45 PM				04:45 PM				04:45 PM				04:45 PM				
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
% App. Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	100	100
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.250	.250	.250

Location: Yorba Linda
 N/S: Gypsum Canyon Rd
 E/W: La Palma Avenue



Date: 3/15/2022
 Day: Tuesday

PEDESTRIANS

	North Leg Bryant Ranch Road	East Leg La Palma Avenue	South Leg Gypsum Canyon Rd	West Leg La Palma Avenue	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	1	1	0	0	2
7:45 AM	2	0	0	0	2
8:00 AM	0	0	1	0	1
8:15 AM	0	0	0	0	0
8:30 AM	1	0	0	0	1
8:45 AM	2	0	0	0	2
TOTAL VOLUMES:	6	1	1	0	8

	North Leg Bryant Ranch Road	East Leg La Palma Avenue	South Leg Gypsum Canyon Rd	West Leg La Palma Avenue	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	3	2	0	5
4:15 PM	0	0	0	0	0
4:30 PM	0	0	0	0	0
4:45 PM	0	0	0	0	0
5:00 PM	0	0	0	0	0
5:15 PM	2	0	0	0	2
5:30 PM	0	0	0	0	0
5:45 PM	0	1	1	0	2
TOTAL VOLUMES:	2	4	3	0	9

Location: Yorba Linda
 N/S: Gypsum Canyon Rd
 E/W: La Palma Avenue



Date: 3/15/2022
 Day: Tuesday

BICYCLES

	Southbound Bryant Ranch Road			Westbound La Palma Avenue			Northbound Gypsum Canyon Rd			Eastbound La Palma Avenue			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	1	0	0	0	0	0	0	0	0	0	1
8:00 AM	0	0	0	1	0	0	1	0	0	0	0	0	2
8:15 AM	0	0	0	1	1	0	0	0	0	0	0	1	3
8:30 AM	0	0	0	0	0	0	1	0	0	1	1	0	3
8:45 AM	0	0	0	0	0	0	0	0	0	0	1	1	2
TOTAL VOLUMES:	0	0	1	2	1	0	2	0	0	1	2	2	11

	Southbound Bryant Ranch Road			Westbound La Palma Avenue			Northbound Gypsum Canyon Rd			Eastbound La Palma Avenue			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	1	0	0	0	0	0	1
4:30 PM	0	0	0	0	0	0	1	0	0	0	1	1	3
4:45 PM	0	0	0	0	0	0	1	0	0	0	0	6	7
5:00 PM	0	0	0	0	0	0	1	0	0	0	0	1	2
5:15 PM	0	0	0	0	0	0	4	0	0	0	0	6	10
5:30 PM	0	0	0	0	0	0	2	0	0	0	1	3	6
5:45 PM	0	0	1	0	0	0	6	0	0	1	0	2	10
TOTAL VOLUMES:	0	0	1	0	0	0	16	0	0	1	2	19	39

**APPENDIX 4.2: EXISTING (2022) CONDITIONS INTERSECTION
OPERATIONS ANALYSIS WORKSHEETS**

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 Yorba Linda Housing Element / SP (JN 13763)
 Existing (2022)
 AM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #1 Rose Dr. & Imperial Hwy.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.652
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxxx
 Optimal Cycle: 45 Level Of Service: B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	2	0	2	0	2	1	1	0	2	1	0	3

Volume Module:

Base Vol:	117	156	141	650	393	26	28	979	147	193	991	400
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	117	156	141	650	393	26	28	979	147	193	991	400
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	117	156	141	650	393	26	28	979	147	193	991	400
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	117	156	141	650	393	26	28	979	147	193	991	400
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	117	156	141	650	393	26	28	979	147	193	991	400

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	2.00	2.00	1.00	2.00	2.00	1.00	1.00	2.61	0.39	2.00	3.00	1.00
Final Sat.:	3400	3400	1700	3400	3400	1700	1700	4434	666	3400	5100	1700

Capacity Analysis Module:

Vol/Sat:	0.03	0.05	0.08	0.19	0.12	0.02	0.02	0.22	0.22	0.06	0.19	0.24
Crit Moves:			****	****			****			****		

 Yorba Linda Housing Element / SP (JN 13763)
 Existing (2022)
 AM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #2 Prospect Av. & Imperial Hwy.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.869
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
 Optimal Cycle: 87 Level Of Service: D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Permitted			Permitted			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1	0	0	1	0	0	1	0	2	1	0	2

Volume Module:

Base Vol:	40	95	8	65	82	127	147	1373	24	42	1481	911
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	40	95	8	65	82	127	147	1373	24	42	1481	911
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	40	95	8	65	82	127	147	1373	24	42	1481	911
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	40	95	8	65	82	127	147	1373	24	42	1481	911
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	40	95	8	65	82	127	147	1373	24	42	1481	911

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	0.92	0.08	1.00	0.39	0.61	1.00	2.95	0.05	1.00	2.00	1.00
Final Sat.:	1700	1568	132	1700	667	1033	1700	5012	88	1700	3400	1700

Capacity Analysis Module:

Vol/Sat:	0.02	0.06	0.06	0.04	0.12	0.12	0.09	0.27	0.27	0.02	0.44	0.54
Crit Moves:	****			****			****			****		

 Yorba Linda Housing Element / SP (JN 13763)
 Existing (2022)
 AM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #3 Imperial Hwy. & Bastanchury Rd.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.735
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
 Optimal Cycle: 55 Level Of Service: C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	2	0	3	0	1	1	2	0	3	0	1	1

Volume Module:

Base Vol:	305	1313	3	220	1291	3	18	349	296	1	524	478
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	305	1313	3	220	1291	3	18	349	296	1	524	478
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	305	1313	3	220	1291	3	18	349	296	1	524	478
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	305	1313	3	220	1291	3	18	349	296	1	524	478
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	305	1313	3	220	1291	3	18	349	296	1	524	478

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	2.00	3.00	1.00	2.00	3.00	1.00	1.00	1.08	0.92	1.00	2.00	1.00
Final Sat.:	3400	5100	1700	3400	5100	1700	1700	1840	1560	1700	3400	1700

Capacity Analysis Module:

Vol/Sat:	0.09	0.26	0.00	0.06	0.25	0.00	0.01	0.19	0.19	0.00	0.15	0.28
Crit Moves:	****			****			****			****		

Yorba Linda Housing Element / SP (JN 13763)
Existing (2022)
AM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #4 Imperial Hwy. & Lemon Dr.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.462
Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
Optimal Cycle: 54 Level Of Service: A

Table with 4 columns: North Bound, South Bound, East Bound, West Bound. Rows include Movement, Control, Rights, Min. Green, Y+R, and Lanes.

Volume Module: Table with 12 columns for various volume and adjustment factors like Base Vol, Growth Adj, Initial Bse, etc.

Saturation Flow Module: Table with 12 columns for saturation flow related metrics like Sat/Lane, Adjustment, Lanes, Final Sat.

Capacity Analysis Module: Table with 12 columns for capacity analysis metrics like Vol/Sat, Crit Moves.

 Yorba Linda Housing Element / SP (JN 13763)
 Existing (2022)
 AM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #5 Imperial Hwy. & Yorba Linda Bl.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.797
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxxx
 Optimal Cycle: 66 Level Of Service: C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Ovl		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1	0	2	1	0	0	2	0	2	1	0	3

Volume Module:

Base Vol:	318	926	198	336	1018	37	26	326	316	200	525	438
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	318	926	198	336	1018	37	26	326	316	200	525	438
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	318	926	198	336	1018	37	26	326	316	200	525	438
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	318	926	198	336	1018	37	26	326	316	200	525	438
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	318	926	198	336	1018	37	26	326	316	200	525	438
OvlAdjVol:												102

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	2.47	0.53	2.00	2.89	0.11	1.00	2.00	1.00	1.00	3.00	2.00
Final Sat.:	1700	4202	898	3400	4921	179	1700	3400	1700	1700	5100	3400

Capacity Analysis Module:

Vol/Sat:	0.19	0.22	0.22	0.10	0.21	0.21	0.02	0.10	0.19	0.12	0.10	0.13	
OvlAdjV/S:												0.03	
Crit Moves:	****						****						****

Intersection	
Intersection Delay, s/veh	93.4
Intersection LOS	F

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	↙	↘		↙	↘		↙	↑	↘	↙	↘	
Traffic Vol, veh/h	139	113	73	88	127	72	52	295	56	48	582	101
Future Vol, veh/h	139	113	73	88	127	72	52	295	56	48	582	101
Peak Hour Factor	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	170	138	89	107	155	88	63	360	68	59	710	123
Number of Lanes	1	1	0	1	1	0	1	1	1	1	2	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	2	2	3	3
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	3	3	2	2
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	3	3	2	2
HCM Control Delay	33.5	36.4	88.6	145
HCM LOS	D	E	F	F

Lane	NBLn1	NBLn2	NBLn3	EBLn1	EBLn2	WBLn1	WBLn2	SBLn1	SBLn2	SBLn3
Vol Left, %	100%	0%	0%	100%	0%	100%	0%	100%	0%	0%
Vol Thru, %	0%	100%	0%	0%	61%	0%	64%	0%	100%	66%
Vol Right, %	0%	0%	100%	0%	39%	0%	36%	0%	0%	34%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	52	295	56	139	186	88	199	48	388	295
LT Vol	52	0	0	139	0	88	0	48	0	0
Through Vol	0	295	0	0	113	0	127	0	388	194
RT Vol	0	0	56	0	73	0	72	0	0	101
Lane Flow Rate	63	360	68	170	227	107	243	59	473	360
Geometry Grp	8	8	8	8	8	8	8	8	8	8
Degree of Util (X)	0.202	1.097	0.195	0.554	0.693	0.355	0.753	0.176	1.356	1.007
Departure Headway (Hd)	12.112	11.585	10.846	12.313	11.512	12.46	11.681	11.287	10.759	10.506
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cap	298	317	333	295	315	291	311	320	341	349
Service Time	9.812	9.285	8.546	10.013	9.212	10.16	9.381	8.987	8.459	8.206
HCM Lane V/C Ratio	0.211	1.136	0.204	0.576	0.721	0.368	0.781	0.184	1.387	1.032
HCM Control Delay	17.9	114.8	16.2	29.3	36.6	21.9	42.8	16.4	207.5	83.8
HCM Lane LOS	C	F	C	D	E	C	E	C	F	F
HCM 95th-tile Q	0.7	13.3	0.7	3.1	4.8	1.5	5.7	0.6	22.5	11.5

Intersection

Int Delay, s/veh	10.8											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	↖		↗					↕		↖	↗	
Traffic Vol, veh/h	18	0	267	0	0	0	0	435	144	280	465	0
Future Vol, veh/h	18	0	267	0	0	0	0	435	144	280	465	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	3	0	0	1
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	0	-	360	-	-	-	-	-	-	100	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	65	65	65	65	65	65	65	65	65	65	65	65
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	28	0	411	0	0	0	0	669	222	431	715	0

Major/Minor	Minor2			Major1			Major2		
Conflicting Flow All	1912	-	358	-	0	0	894	0	0
Stage 1	1577	-	-	-	-	-	-	-	-
Stage 2	335	-	-	-	-	-	-	-	-
Critical Hdwy	6.84	-	6.94	-	-	-	4.14	-	-
Critical Hdwy Stg 1	5.84	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	5.84	-	-	-	-	-	-	-	-
Follow-up Hdwy	3.52	-	3.32	-	-	-	2.22	-	-
Pot Cap-1 Maneuver	60	0	638	0	-	-	755	-	0
Stage 1	155	0	-	0	-	-	-	-	0
Stage 2	697	0	-	0	-	-	-	-	0
Platoon blocked, %									
Mov Cap-1 Maneuver	~ 26	0	638	-	-	-	755	-	-
Mov Cap-2 Maneuver	~ 26	0	-	-	-	-	-	-	-
Stage 1	155	0	-	-	-	-	-	-	-
Stage 2	299	0	-	-	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	45.3	0	6
HCM LOS	E		

Minor Lane/Major Mvmt	NBT	NBR	EBLn1	EBLn2	SBL	SBT
Capacity (veh/h)	-	-	26	638	755	-
HCM Lane V/C Ratio	-	-	1.065	0.644	0.571	-
HCM Control Delay (s)	-	-	\$ 416.1	20.3	15.9	-
HCM Lane LOS	-	-	F	C	C	-
HCM 95th %tile Q(veh)	-	-	3.3	4.7	3.7	-

Notes
 -: Volume exceeds capacity \$: Delay exceeds 300s +: Computation Not Defined *: All major volume in platoon

Timings
8: Kellog Dr. & SR 90 WB Ramps

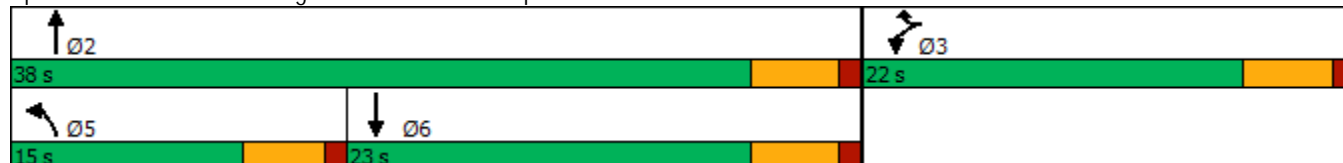


Lane Group	WBL	WBR	NBL	NBT	SBT
Lane Configurations	↶	↷	↶	↑↑	↑↑
Traffic Volume (vph)	127	286	159	294	618
Future Volume (vph)	127	286	159	294	618
Turn Type	Prot	Prot	Prot	NA	NA
Protected Phases	3	3	5	2	6
Permitted Phases					
Detector Phase	3	3	5	2	6
Switch Phase					
Minimum Initial (s)	10.0	10.0	5.0	10.0	10.0
Minimum Split (s)	22.0	22.0	14.0	23.0	23.0
Total Split (s)	22.0	22.0	15.0	38.0	23.0
Total Split (%)	36.7%	36.7%	25.0%	63.3%	38.3%
Yellow Time (s)	4.0	4.0	3.6	4.0	4.0
All-Red Time (s)	1.0	1.0	1.0	1.0	1.0
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	5.0	5.0	4.6	5.0	5.0
Lead/Lag			Lead		Lag
Lead-Lag Optimize?			Yes		Yes
Recall Mode	None	None	None	None	None

Intersection Summary

Cycle Length: 60
 Actuated Cycle Length: 52.9
 Natural Cycle: 60
 Control Type: Actuated-Uncoordinated

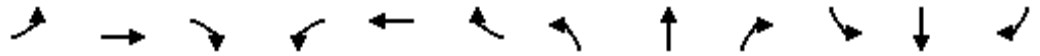
Splits and Phases: 8: Kellog Dr. & SR 90 WB Ramps



HCM 6th Signalized Intersection Summary
8: Kellog Dr. & SR 90 WB Ramps

Yorba Linda Element and SP (JN 13763)

04/12/2022



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations				↖		↖	↖	↕			↕	↗
Traffic Volume (veh/h)	0	0	0	127	0	286	159	294	0	0	618	73
Future Volume (veh/h)	0	0	0	127	0	286	159	294	0	0	618	73
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		0.97
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach				No		No		No			No	
Adj Sat Flow, veh/h/ln				1870	0	1870	1870	1870	0	0	1870	1870
Adj Flow Rate, veh/h				169	0	109	212	392	0	0	824	89
Peak Hour Factor				0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
Percent Heavy Veh, %				2	0	2	2	2	0	0	2	2
Cap, veh/h				371	0	330	266	2052	0	0	1062	115
Arrive On Green				0.21	0.00	0.21	0.15	0.58	0.00	0.00	0.33	0.33
Sat Flow, veh/h				1781	0	1585	1781	3647	0	0	3318	348
Grp Volume(v), veh/h				169	0	109	212	392	0	0	454	459
Grp Sat Flow(s),veh/h/ln				1781	0	1585	1781	1777	0	0	1777	1796
Q Serve(g_s), s				3.9	0.0	2.7	5.4	2.4	0.0	0.0	10.7	10.7
Cycle Q Clear(g_c), s				3.9	0.0	2.7	5.4	2.4	0.0	0.0	10.7	10.7
Prop In Lane				1.00		1.00	1.00		0.00	0.00		0.19
Lane Grp Cap(c), veh/h				371	0	330	266	2052	0	0	585	592
V/C Ratio(X)				0.46	0.00	0.33	0.80	0.19	0.00	0.00	0.78	0.78
Avail Cap(c_a), veh/h				649	0	577	397	2512	0	0	685	693
HCM Platoon Ratio				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	1.00	1.00	0.00	0.00	1.00	1.00
Uniform Delay (d), s/veh				16.2	0.0	15.7	19.2	4.7	0.0	0.0	14.1	14.1
Incr Delay (d2), s/veh				0.9	0.0	0.6	3.6	0.0	0.0	0.0	4.8	4.7
Initial Q Delay(d3),s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				1.5	0.0	0.9	2.2	0.6	0.0	0.0	4.3	4.4
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh				17.0	0.0	16.3	22.8	4.7	0.0	0.0	18.9	18.8
LnGrp LOS				B	A	B	C	A	A	A	B	B
Approach Vol, veh/h					278			604			913	
Approach Delay, s/veh					16.7			11.1			18.9	
Approach LOS					B			B			B	
Timer - Assigned Phs		2			5	6		8				
Phs Duration (G+Y+Rc), s		32.0			11.6	20.4		14.7				
Change Period (Y+Rc), s		5.0			4.6	5.0		5.0				
Max Green Setting (Gmax), s		33.0			10.4	18.0		17.0				
Max Q Clear Time (g_c+I1), s		4.4			7.4	12.7		5.9				
Green Ext Time (p_c), s		2.7			0.1	2.6		0.6				

Intersection Summary

HCM 6th Ctrl Delay	15.9
HCM 6th LOS	B

 Yorba Linda Housing Element / SP (JN 13763)
 Existing (2022)
 AM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #9 Plumosa Dr. & Bastanchury Rd.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.391
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxxx
 Optimal Cycle: 28 Level Of Service: A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1	0	0	0	0	0	0	0	1	1	0	0

Volume Module:

Base Vol:	102	0	108	0	0	0	0	527	58	70	785	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	102	0	108	0	0	0	0	527	58	70	785	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	102	0	108	0	0	0	0	527	58	70	785	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	102	0	108	0	0	0	0	527	58	70	785	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	102	0	108	0	0	0	0	527	58	70	785	0

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	0.00	1.00	0.00	0.00	0.00	0.00	1.80	0.20	1.00	2.00	0.00
Final Sat.:	1700	0	1700	0	0	0	0	3063	337	1700	3400	0

Capacity Analysis Module:

Vol/Sat:	0.06	0.00	0.06	0.00	0.00	0.00	0.00	0.17	0.17	0.04	0.23	0.00
Crit Moves:	****						****			****		

Yorba Linda Housing Element / SP (JN 13763)
Existing (2022)
AM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #10 Lakeview Av. & Bastanchury Rd.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.594
Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
Optimal Cycle: 39 Level Of Service: A

Table with 4 columns: North Bound, South Bound, East Bound, West Bound. Rows include Movement, Control, Rights, Min. Green, Y+R, and Lanes.

Volume Module: Table with 13 columns for various volume and adjustment factors like Base Vol, Growth Adj, Initial Bse, etc.

Saturation Flow Module: Table with 13 columns for Sat/Lane, Adjustment, Lanes, and Final Sat.

Capacity Analysis Module: Table with 13 columns for Vol/Sat, OvlAdjV/S, and Crit Moves.

 Yorba Linda Housing Element / SP (JN 13763)
 Existing (2022)
 AM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #11 Lakeview Av. & Lemon Dr.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.305
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
 Optimal Cycle: 25 Level Of Service: A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Prot+Permit			Prot+Permit			Split Phase			Split Phase		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1	0	1	1	0	1	0	1	0	0	1	0

Volume Module:

Base Vol:	38	288	2	0	476	36	17	1	53	0	1	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	38	288	2	0	476	36	17	1	53	0	1	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	38	288	2	0	476	36	17	1	53	0	1	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	38	288	2	0	476	36	17	1	53	0	1	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	38	288	2	0	476	36	17	1	53	0	1	0

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.99	0.01	1.00	1.86	0.14	0.94	0.06	1.00	0.00	1.00	0.00
Final Sat.:	1700	3377	23	1700	3161	239	1606	94	1700	0	1700	0

Capacity Analysis Module:

Vol/Sat:	0.02	0.09	0.09	0.00	0.15	0.15	0.01	0.01	0.03	0.00	0.00	0.00
Crit Moves:	****			****			****			****		

 Yorba Linda Housing Element / SP (JN 13763)
 Existing (2022)
 AM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #12 Lakeview Av. & Yorba Linda Bl.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.611
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
 Optimal Cycle: 41 Level Of Service: B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Ovl			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	2	0	2	0	1	1	0	1	0	2	1	0

Volume Module:

Base Vol:	135	178	196	91	284	105	142	672	196	318	888	89
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	135	178	196	91	284	105	142	672	196	318	888	89
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	135	178	196	91	284	105	142	672	196	318	888	89
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	135	178	196	91	284	105	142	672	196	318	888	89
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	135	178	196	91	284	105	142	672	196	318	888	89
OvlAdjVol:	0											

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	2.00	2.00	1.00	2.00	1.46	0.54	1.00	2.32	0.68	1.00	2.73	0.27
Final Sat.:	3400	3400	1700	3400	2482	918	1700	3948	1152	1700	4635	465

Capacity Analysis Module:

Vol/Sat:	0.04	0.05	0.12	0.03	0.11	0.11	0.08	0.17	0.17	0.19	0.19	0.19
OvlAdjV/S:	0.00											
Crit Moves:	****			****			****			****		

 Yorba Linda Housing Element / SP (JN 13763)
 Existing (2022)
 AM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #13 Ohio St. & Yorba Linda Bl.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.350
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
 Optimal Cycle: 33 Level Of Service: A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Permitted			Permitted			Protected			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	1	0	1	0	1	0	2	1	0	0

Volume Module:

Base Vol:	0	0	0	70	0	20	20	1066	0	0	726	50
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	70	0	20	20	1066	0	0	726	50
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	70	0	20	20	1066	0	0	726	50
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	70	0	20	20	1066	0	0	726	50
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	0	70	0	20	20	1066	0	0	726	50

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.00	1.00	0.00	1.00	0.00	1.00	1.00	3.00	0.00	0.00	2.81	0.19
Final Sat.:	0	1700	0	1700	0	1700	1700	5100	0	0	4771	329

Capacity Analysis Module:

Vol/Sat:	0.00	0.00	0.00	0.04	0.00	0.01	0.01	0.21	0.00	0.00	0.15	0.15
Crit Moves:				****				****				

Yorba Linda Housing Element / SP (JN 13763)
Existing (2022)
AM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #14 Fairmont Bl. & Bastanchury Rd.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.552
Loss Time (sec): 10 Average Delay (sec/veh): xxxxxxx
Optimal Cycle: 36 Level Of Service: A

Table with columns: Approach (North Bound, South Bound, East Bound, West Bound), Movement (L, T, R), Control, Rights, Min. Green, Y+R, Lanes.

Volume Module: Table with columns: Base Vol, Growth Adj, Initial Bse, User Adj, PHF Adj, PHF Volume, Reduct Vol, Reduced Vol, PCE Adj, MLF Adj, Final Volume.

Saturation Flow Module: Table with columns: Sat/Lane, Adjustment, Lanes, Final Sat.

Capacity Analysis Module: Table with columns: Vol/Sat, Crit Moves.

Yorba Linda Housing Element / SP (JN 13763)
Existing (2022)
AM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #15 Fairmont Bl. & Yorba Linda Bl.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.570
Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
Optimal Cycle: 38 Level Of Service: A

Table with 4 columns: North Bound, South Bound, East Bound, West Bound. Rows include Movement, Control, Rights, Min. Green, Y+R, and Lanes.

Volume Module: Table with 12 columns for different volume metrics and 12 rows for various adjustment factors like Base Vol, Growth Adj, etc.

Saturation Flow Module: Table with 12 columns for saturation flow metrics and 4 rows for Sat/Lane, Adjustment, Lanes, and Final Sat.

Capacity Analysis Module: Table with 12 columns for capacity analysis metrics and 4 rows for Vol/Sat, OvlAdjV/S, and Crit Moves.

 Yorba Linda Housing Element / SP (JN 13763)
 Existing (2022)
 AM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #16 Yorba Linda Bl. & Savi Ranch Pkwy.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.591
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
 Optimal Cycle: 39 Level Of Service: A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Ignore			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1	0	3	0	1	1	1	0	0	0	2	2

Volume Module:

Base Vol:	256	981	681	227	1059	212	99	0	205	247	0	168
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	256	981	681	227	1059	212	99	0	205	247	0	168
User Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	256	981	0	227	1059	212	99	0	205	247	0	168
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	256	981	0	227	1059	212	99	0	205	247	0	168
PCE Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	256	981	0	227	1059	212	99	0	205	247	0	168

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	3.00	1.00	1.00	3.00	1.00	1.00	0.00	2.00	2.00	0.00	2.00
Final Sat.:	1700	5100	1700	1700	5100	1700	1700	0	3400	3400	0	3400

Capacity Analysis Module:

Vol/Sat:	0.15	0.19	0.00	0.13	0.21	0.12	0.06	0.00	0.06	0.07	0.00	0.05
Crit Moves:	****			****			****	****		****	****	

Timings
17: Weir Canyon Rd & SR-91 WB Ramps

Yorba Linda Element and SP (JN 13763)

04/12/2022

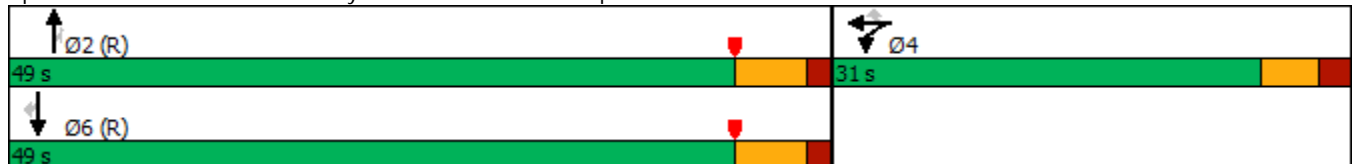


Lane Group	WBL	WBT	WBR	NBT	NBR	SBT	SBR
Lane Configurations	↖	↔	↗	↑↑↑	↗	↑↑↑	↗
Traffic Volume (vph)	357	0	534	1384	405	1186	325
Future Volume (vph)	357	0	534	1384	405	1186	325
Turn Type	Split	NA	Perm	NA	Perm	NA	Perm
Protected Phases	4	4		2		6	
Permitted Phases			4		2		6
Detector Phase	4	4	4	2	2	6	6
Switch Phase							
Minimum Initial (s)	5.0	5.0	5.0	15.0	15.0	15.0	15.0
Minimum Split (s)	10.5	10.5	10.5	23.8	23.8	20.8	20.8
Total Split (s)	31.0	31.0	31.0	49.0	49.0	49.0	49.0
Total Split (%)	38.8%	38.8%	38.8%	61.3%	61.3%	61.3%	61.3%
Yellow Time (s)	3.5	3.5	3.5	4.3	4.3	4.3	4.3
All-Red Time (s)	2.0	2.0	2.0	1.5	1.5	1.5	1.5
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	5.5	5.5	5.5	5.8	5.8	5.8	5.8
Lead/Lag							
Lead-Lag Optimize?							
Recall Mode	None	None	None	C-Min	C-Min	C-Min	C-Min

Intersection Summary

Cycle Length: 80
 Actuated Cycle Length: 80
 Offset: 0 (0%), Referenced to phase 2:NBT and 6:SBT, Start of Yellow
 Natural Cycle: 40
 Control Type: Actuated-Coordinated

Splits and Phases: 17: Weir Canyon Rd & SR-91 WB Ramps



HCM 6th Signalized Intersection Summary
 17: Weir Canyon Rd & SR-91 WB Ramps

Yorba Linda Element and SP (JN 13763)

04/12/2022



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations				↖	↔	↗		↑↑↑	↗		↑↑↑	↗
Traffic Volume (veh/h)	0	0	0	357	0	534	0	1384	405	0	1186	325
Future Volume (veh/h)	0	0	0	357	0	534	0	1384	405	0	1186	325
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach				No			No			No		
Adj Sat Flow, veh/h/ln				1870	1870	1870	0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h				259	0	726	0	1521	0	0	1303	0
Peak Hour Factor				0.92	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
Percent Heavy Veh, %				2	2	2	0	2	2	0	2	2
Cap, veh/h				489	0	869	0	2984		0	3280	
Arrive On Green				0.27	0.00	0.27	0.00	1.00	0.00	0.00	0.58	0.00
Sat Flow, veh/h				1781	0	3170	0	5274	1585	0	5611	1585
Grp Volume(v), veh/h				259	0	726	0	1521	0	0	1303	0
Grp Sat Flow(s),veh/h/ln				1781	0	1585	0	1702	1585	0	1870	1585
Q Serve(g_s), s				9.9	0.0	17.2	0.0	0.0	0.0	0.0	10.1	0.0
Cycle Q Clear(g_c), s				9.9	0.0	17.2	0.0	0.0	0.0	0.0	10.1	0.0
Prop In Lane				1.00		1.00	0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h				489	0	869	0	2984		0	3280	
V/C Ratio(X)				0.53	0.00	0.84	0.00	0.51		0.00	0.40	
Avail Cap(c_a), veh/h				568	0	1010	0	2984		0	3280	
HCM Platoon Ratio				1.00	1.00	1.00	1.00	2.00	2.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	0.00	0.81	0.00	0.00	0.80	0.00
Uniform Delay (d), s/veh				24.7	0.0	27.3	0.0	0.0	0.0	0.0	9.0	0.0
Incr Delay (d2), s/veh				1.1	0.0	5.7	0.0	0.5	0.0	0.0	0.3	0.0
Initial Q Delay(d3),s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				4.2	0.0	6.9	0.0	0.1	0.0	0.0	3.4	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh				25.7	0.0	33.0	0.0	0.5	0.0	0.0	9.3	0.0
LnGrp LOS				C	A	C	A	A		A	A	
Approach Vol, veh/h					985			1521	A		1303	A
Approach Delay, s/veh					31.1			0.5			9.3	
Approach LOS					C			A			A	
Timer - Assigned Phs		2		4		6						
Phs Duration (G+Y+Rc), s		52.6		27.4		52.6						
Change Period (Y+Rc), s		5.8		5.5		5.8						
Max Green Setting (Gmax), s		43.2		25.5		43.2						
Max Q Clear Time (g_c+I1), s		2.0		19.2		12.1						
Green Ext Time (p_c), s		14.8		2.7		10.8						

Intersection Summary

HCM 6th Ctrl Delay	11.4
HCM 6th LOS	B

Notes

User approved volume balancing among the lanes for turning movement.
 Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.

Timings
18: Weir Canyon Rd & SR-91 EB Ramps

Yorba Linda Element and SP (JN 13763)

04/12/2022

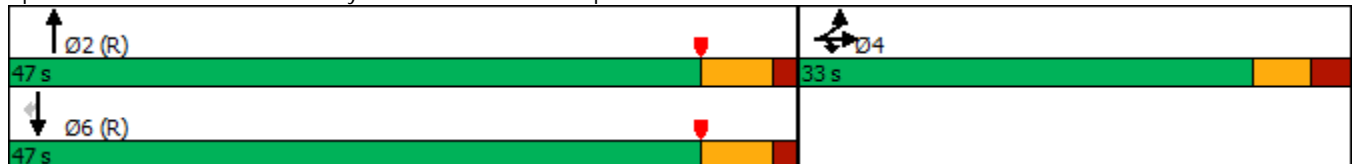


Lane Group	EBL	EBT	EBR	NBT	NBR	SBT	SBR
Lane Configurations							
Traffic Volume (vph)	708	0	560	1081	478	860	683
Future Volume (vph)	708	0	560	1081	478	860	683
Turn Type	Split	NA	Prot	NA	Free	NA	Perm
Protected Phases	4	4	4	2		6	
Permitted Phases					Free		6
Detector Phase	4	4	4	2		6	6
Switch Phase							
Minimum Initial (s)	5.0	5.0	5.0	15.0		15.0	15.0
Minimum Split (s)	11.0	11.0	11.0	20.8		27.8	27.8
Total Split (s)	33.0	33.0	33.0	47.0		47.0	47.0
Total Split (%)	41.3%	41.3%	41.3%	58.8%		58.8%	58.8%
Yellow Time (s)	3.5	3.5	3.5	4.3		4.3	4.3
All-Red Time (s)	2.5	2.5	2.5	1.5		1.5	1.5
Lost Time Adjust (s)	0.0	0.0	0.0	0.0		0.0	0.0
Total Lost Time (s)	6.0	6.0	6.0	5.8		5.8	5.8
Lead/Lag							
Lead-Lag Optimize?							
Recall Mode	None	None	None	C-Min		C-Min	C-Min

Intersection Summary

Cycle Length: 80
 Actuated Cycle Length: 80
 Offset: 78.2 (98%), Referenced to phase 2:NBT and 6:SBT, Start of Yellow
 Natural Cycle: 60
 Control Type: Actuated-Coordinated

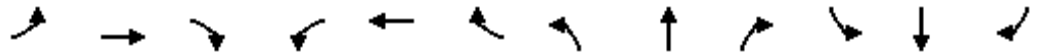
Splits and Phases: 18: Weir Canyon Rd & SR-91 EB Ramps



HCM 6th Signalized Intersection Summary
 18: Weir Canyon Rd & SR-91 EB Ramps

Yorba Linda Element and SP (JN 13763)

04/12/2022



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	708	0	560	0	0	0	0	1081	478	0	860	683
Future Volume (veh/h)	708	0	560	0	0	0	0	1081	478	0	860	683
Initial Q (Qb), veh	0	0	0				0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00				1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No						No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870				0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h	888	0	272				0	1162	0	0	925	0
Peak Hour Factor	0.93	0.93	0.93				0.93	0.93	0.93	0.93	0.93	0.93
Percent Heavy Veh, %	2	2	2				0	2	2	0	2	2
Cap, veh/h	1058	0	471				0	2837		0	2837	
Arrive On Green	0.30	0.00	0.30				0.00	0.56	0.00	0.00	1.00	0.00
Sat Flow, veh/h	3563	0	1585				0	5274	1585	0	5274	1585
Grp Volume(v), veh/h	888	0	272				0	1162	0	0	925	0
Grp Sat Flow(s),veh/h/ln	1781	0	1585				0	1702	1585	0	1702	1585
Q Serve(g_s), s	18.7	0.0	11.7				0.0	10.5	0.0	0.0	0.0	0.0
Cycle Q Clear(g_c), s	18.7	0.0	11.7				0.0	10.5	0.0	0.0	0.0	0.0
Prop In Lane	1.00		1.00				0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h	1058	0	471				0	2837		0	2837	
V/C Ratio(X)	0.84	0.00	0.58				0.00	0.41		0.00	0.33	
Avail Cap(c_a), veh/h	1202	0	535				0	2837		0	2837	
HCM Platoon Ratio	1.00	1.00	1.00				1.00	1.00	1.00	1.00	2.00	2.00
Upstream Filter(I)	1.00	0.00	1.00				0.00	1.00	0.00	0.00	0.83	0.00
Uniform Delay (d), s/veh	26.3	0.0	23.9				0.0	10.2	0.0	0.0	0.0	0.0
Incr Delay (d2), s/veh	5.1	0.0	1.4				0.0	0.4	0.0	0.0	0.3	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	8.3	0.0	4.4				0.0	3.4	0.0	0.0	0.1	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	31.4	0.0	25.3				0.0	10.7	0.0	0.0	0.3	0.0
LnGrp LOS	C	A	C				A	B		A	A	
Approach Vol, veh/h		1160						1162	A		925	A
Approach Delay, s/veh		30.0						10.7			0.3	
Approach LOS		C						B			A	
Timer - Assigned Phs		2		4				6				
Phs Duration (G+Y+Rc), s		50.2		29.8				50.2				
Change Period (Y+Rc), s		5.8		6.0				5.8				
Max Green Setting (Gmax), s		41.2		27.0				41.2				
Max Q Clear Time (g_c+I1), s		12.5		20.7				2.0				
Green Ext Time (p_c), s		15.9		3.1				14.2				

Intersection Summary

HCM 6th Ctrl Delay	14.6
HCM 6th LOS	B

Notes

User approved volume balancing among the lanes for turning movement.
 Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.

Yorba Linda Housing Element / SP (JN 13763)
Existing (2022)
AM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #19 Gypsum Canyon Rd. & La Palma Av.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.455
Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
Optimal Cycle: 31 Level Of Service: A

Table with 4 columns: North Bound, South Bound, East Bound, West Bound. Rows include Approach, Movement, Control, Rights, Min. Green, Y+R, and Lanes.

Volume Module: Table with 12 columns for different volume types (Base Vol, Growth Adj, etc.) and 12 rows for different volume categories.

Saturation Flow Module: Table with 12 columns for saturation flow values and 4 rows for Sat/Lane, Adjustment, Lanes, and Final Sat.

Capacity Analysis Module: Table with 12 columns for capacity analysis values and 4 rows for Vol/Sat, OvlAdjV/S, and Crit Moves.

Yorba Linda Housing Element / SP (JN 13763)
Existing (2022)
PM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #1 Rose Dr. & Imperial Hwy.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.856
Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
Optimal Cycle: 82 Level Of Service: D

Table with columns for Approach (North Bound, South Bound, East Bound, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, Y+R, and Lanes.

Volume Module: Table with columns for Base Vol, Growth Adj, Initial Bse, User Adj, PHF Adj, PHF Volume, Reduct Vol, Reduced Vol, PCE Adj, MLF Adj, and Final Volume.

Saturation Flow Module: Table with columns for Sat/Lane, Adjustment, Lanes, and Final Sat.

Capacity Analysis Module: Table with columns for Vol/Sat and Crit Moves.

Yorba Linda Housing Element / SP (JN 13763)
Existing (2022)
PM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #2 Prospect Av. & Imperial Hwy.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.678
Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
Optimal Cycle: 47 Level Of Service: B

Table with 4 columns: North Bound, South Bound, East Bound, West Bound. Rows include Movement, Control, Rights, Min. Green, Y+R, and Lanes.

Volume Module table with 12 columns and 12 rows including Base Vol, Growth Adj, Initial Bse, User Adj, PHF Adj, PHF Volume, Reduct Vol, Reduced Vol, PCE Adj, MLF Adj, and Final Volume.

Saturation Flow Module table with 12 columns and 4 rows including Sat/Lane, Adjustment, Lanes, and Final Sat.

Capacity Analysis Module table with 12 columns and 2 rows including Vol/Sat and Crit Moves.

 Yorba Linda Housing Element / SP (JN 13763)
 Existing (2022)
 PM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #3 Imperial Hwy. & Bastanchury Rd.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.719
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
 Optimal Cycle: 52 Level Of Service: C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	2	0	3	0	1	1	2	0	3	0	1	1

Volume Module:

Base Vol:	249	1210	12	496	1494	3	18	415	369	9	292	354
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	249	1210	12	496	1494	3	18	415	369	9	292	354
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	249	1210	12	496	1494	3	18	415	369	9	292	354
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	249	1210	12	496	1494	3	18	415	369	9	292	354
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	249	1210	12	496	1494	3	18	415	369	9	292	354

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	2.00	3.00	1.00	2.00	3.00	1.00	1.00	1.06	0.94	1.00	2.00	1.00
Final Sat.:	3400	5100	1700	3400	5100	1700	1700	1800	1600	1700	3400	1700

Capacity Analysis Module:

Vol/Sat:	0.07	0.24	0.01	0.15	0.29	0.00	0.01	0.23	0.23	0.01	0.09	0.21
Crit Moves:	****			****			****			****		

 Yorba Linda Housing Element / SP (JN 13763)
 Existing (2022)
 PM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #4 Imperial Hwy. & Lemon Dr.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.585
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
 Optimal Cycle: 39 Level Of Service: A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Permitted			Protected			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	2 1 0	1	0	2 1 0	0	0	1! 0 0	0	0	1! 0 0

Volume Module:

Base Vol:	0	1325	62	108	1667	19	18	4	15	70	10	156
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	1325	62	108	1667	19	18	4	15	70	10	156
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	1325	62	108	1667	19	18	4	15	70	10	156
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	1325	62	108	1667	19	18	4	15	70	10	156
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	1325	62	108	1667	19	18	4	15	70	10	156

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.00	2.87	0.13	1.00	2.97	0.03	0.49	0.11	0.40	0.30	0.04	0.66
Final Sat.:	0	4872	228	1700	5043	57	827	184	689	504	72	1124

Capacity Analysis Module:

Vol/Sat:	0.00	0.27	0.27	0.06	0.33	0.33	0.01	0.02	0.02	0.04	0.14	0.14
Crit Moves:	****			****			****			****		

 Yorba Linda Housing Element / SP (JN 13763)
 Existing (2022)
 PM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #5 Imperial Hwy. & Yorba Linda Bl.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.768
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxxx
 Optimal Cycle: 60 Level Of Service: C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Ovl		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1	0	2	1	0	0	2	0	2	1	0	2

Volume Module:

Base Vol:	301	915	211	586	1025	67	90	565	313	158	555	445
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	301	915	211	586	1025	67	90	565	313	158	555	445
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	301	915	211	586	1025	67	90	565	313	158	555	445
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	301	915	211	586	1025	67	90	565	313	158	555	445
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	301	915	211	586	1025	67	90	565	313	158	555	445
OvlAdjVol:	0											

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	2.44	0.56	2.00	2.82	0.18	1.00	2.00	1.00	1.00	3.00	2.00
Final Sat.:	1700	4144	956	3400	4787	313	1700	3400	1700	1700	5100	3400

Capacity Analysis Module:

Vol/Sat:	0.18	0.22	0.22	0.17	0.21	0.21	0.05	0.17	0.18	0.09	0.11	0.13
OvlAdjV/S:	0.00											
Crit Moves:	****			****			****	****		****	****	

Intersection	
Intersection Delay, s/veh	47.7
Intersection LOS	E

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	↵	↵		↵	↵		↵	↑	↵	↵	↵↵	
Traffic Vol, veh/h	223	88	67	34	46	49	91	453	56	35	394	135
Future Vol, veh/h	223	88	67	34	46	49	91	453	56	35	394	135
Peak Hour Factor	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	230	91	69	35	47	51	94	467	58	36	406	139
Number of Lanes	1	1	0	1	1	0	1	1	1	1	2	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	2	2	3	3
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	3	3	2	2
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	3	3	2	2
HCM Control Delay	23.2	16	90.4	25.8
HCM LOS	C	C	F	D

Lane	NBLn1	NBLn2	NBLn3	EBLn1	EBLn2	WBLn1	WBLn2	SBLn1	SBLn2	SBLn3
Vol Left, %	100%	0%	0%	100%	0%	100%	0%	100%	0%	0%
Vol Thru, %	0%	100%	0%	0%	57%	0%	48%	0%	100%	49%
Vol Right, %	0%	0%	100%	0%	43%	0%	52%	0%	0%	51%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	91	453	56	223	155	34	95	35	263	266
LT Vol	91	0	0	223	0	34	0	35	0	0
Through Vol	0	453	0	0	88	0	46	0	263	131
RT Vol	0	0	56	0	67	0	49	0	0	135
Lane Flow Rate	94	467	58	230	160	35	98	36	271	275
Geometry Grp	8	8	8	8	8	8	8	8	8	8
Degree of Util (X)	0.241	1.134	0.129	0.612	0.39	0.103	0.264	0.092	0.656	0.638
Departure Headway (Hd)	9.261	8.745	8.021	9.945	9.127	11.02	10.134	9.626	9.107	8.739
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cap	387	416	445	366	396	327	356	375	398	417
Service Time	7.046	6.529	5.805	7.645	6.827	8.72	7.834	7.326	6.807	6.439
HCM Lane V/C Ratio	0.243	1.123	0.13	0.628	0.404	0.107	0.275	0.096	0.681	0.659
HCM Control Delay	15	115.3	12	27.1	17.5	15	16.4	13.3	27.6	25.6
HCM Lane LOS	B	F	B	D	C	B	C	B	D	D
HCM 95th-tile Q	0.9	17	0.4	3.9	1.8	0.3	1	0.3	4.5	4.3

Intersection												
Int Delay, s/veh	6.2											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	↙		↗					↕		↙	↕	
Traffic Vol, veh/h	73	0	153	0	0	0	0	409	102	243	268	0
Future Vol, veh/h	73	0	153	0	0	0	0	409	102	243	268	0
Conflicting Peds, #/hr	0	0	1	0	0	0	0	0	11	0	0	6
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	0	-	360	-	-	-	-	-	-	100	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	89	89	89	89	89	89	89	89	89	89	89	89
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	82	0	172	0	0	0	0	460	115	273	301	0

Major/Minor	Minor2		Major1			Major2			
Conflicting Flow All	1077	-	152	-	0	0	586	0	0
Stage 1	847	-	-	-	-	-	-	-	-
Stage 2	230	-	-	-	-	-	-	-	-
Critical Hdwy	6.84	-	6.94	-	-	-	4.14	-	-
Critical Hdwy Stg 1	5.84	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	5.84	-	-	-	-	-	-	-	-
Follow-up Hdwy	3.52	-	3.32	-	-	-	2.22	-	-
Pot Cap-1 Maneuver	214	0	867	0	-	-	985	-	0
Stage 1	381	0	-	0	-	-	-	-	0
Stage 2	786	0	-	0	-	-	-	-	0
Platoon blocked, %									
Mov Cap-1 Maneuver	155	0	866	-	-	-	985	-	-
Mov Cap-2 Maneuver	155	0	-	-	-	-	-	-	-
Stage 1	381	0	-	-	-	-	-	-	-
Stage 2	568	0	-	-	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	23.6	0	4.8
HCM LOS	C		

Minor Lane/Major Mvmt	NBT	NBR	EBLn1	EBLn2	SBL	SBT
Capacity (veh/h)	-	-	155	866	985	-
HCM Lane V/C Ratio	-	-	0.529	0.199	0.277	-
HCM Control Delay (s)	-	-	51.7	10.2	10.1	-
HCM Lane LOS	-	-	F	B	B	-
HCM 95th %tile Q(veh)	-	-	2.6	0.7	1.1	-

Timings
8: Kellog Dr. & SR 90 WB Ramps

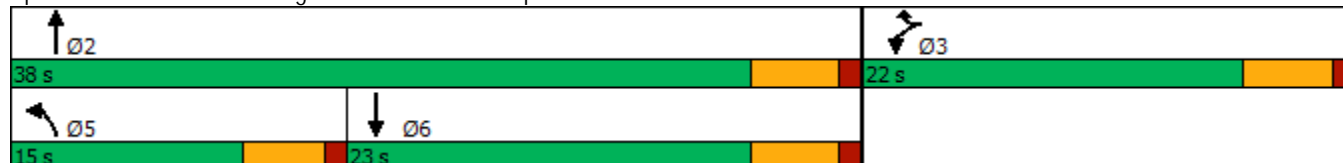


Lane Group	WBL	WBR	NBL	NBT	SBT
Lane Configurations	↶	↷	↶	↑↑	↑↑
Traffic Volume (vph)	104	308	151	331	407
Future Volume (vph)	104	308	151	331	407
Turn Type	Prot	Prot	Prot	NA	NA
Protected Phases	3	3	5	2	6
Permitted Phases					
Detector Phase	3	3	5	2	6
Switch Phase					
Minimum Initial (s)	10.0	10.0	5.0	10.0	10.0
Minimum Split (s)	22.0	22.0	9.6	23.0	23.0
Total Split (s)	22.0	22.0	15.0	38.0	23.0
Total Split (%)	36.7%	36.7%	25.0%	63.3%	38.3%
Yellow Time (s)	4.0	4.0	3.6	4.0	4.0
All-Red Time (s)	1.0	1.0	1.0	1.0	1.0
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	5.0	5.0	4.6	5.0	5.0
Lead/Lag			Lead		Lag
Lead-Lag Optimize?			Yes		Yes
Recall Mode	None	None	None	None	None

Intersection Summary

Cycle Length: 60
 Actuated Cycle Length: 44.6
 Natural Cycle: 60
 Control Type: Actuated-Uncoordinated

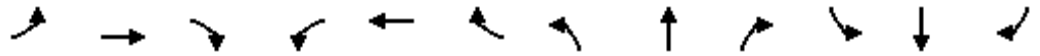
Splits and Phases: 8: Kellog Dr. & SR 90 WB Ramps



HCM 6th Signalized Intersection Summary
8: Kellog Dr. & SR 90 WB Ramps

Yorba Linda Element and SP (JN 13763)

04/12/2022



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations				↖		↗	↖	↕			↕	↗
Traffic Volume (veh/h)	0	0	0	104	0	308	151	331	0	0	407	46
Future Volume (veh/h)	0	0	0	104	0	308	151	331	0	0	407	46
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		0.97
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach				No		No		No			No	
Adj Sat Flow, veh/h/ln				1870	0	1870	1870	1870	0	0	1870	1870
Adj Flow Rate, veh/h				113	0	135	164	360	0	0	442	43
Peak Hour Factor				0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %				2	0	2	2	2	0	0	2	2
Cap, veh/h				429	0	382	212	1776	0	0	854	83
Arrive On Green				0.24	0.00	0.24	0.12	0.50	0.00	0.00	0.26	0.26
Sat Flow, veh/h				1781	0	1585	1781	3647	0	0	3357	316
Grp Volume(v), veh/h				113	0	135	164	360	0	0	240	245
Grp Sat Flow(s),veh/h/ln				1781	0	1585	1781	1777	0	0	1777	1802
Q Serve(g_s), s				2.0	0.0	2.7	3.4	2.2	0.0	0.0	4.4	4.5
Cycle Q Clear(g_c), s				2.0	0.0	2.7	3.4	2.2	0.0	0.0	4.4	4.5
Prop In Lane				1.00		1.00	1.00		0.00	0.00		0.18
Lane Grp Cap(c), veh/h				429	0	382	212	1776	0	0	465	472
V/C Ratio(X)				0.26	0.00	0.35	0.77	0.20	0.00	0.00	0.52	0.52
Avail Cap(c_a), veh/h				785	0	698	480	3040	0	0	829	841
HCM Platoon Ratio				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	1.00	1.00	0.00	0.00	1.00	1.00
Uniform Delay (d), s/veh				11.9	0.0	12.1	16.5	5.4	0.0	0.0	12.2	12.2
Incr Delay (d2), s/veh				0.3	0.0	0.6	2.3	0.1	0.0	0.0	0.9	0.9
Initial Q Delay(d3),s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				0.7	0.0	0.8	1.3	0.5	0.0	0.0	1.5	1.5
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh				12.2	0.0	12.7	18.8	5.4	0.0	0.0	13.0	13.1
LnGrp LOS				B	A	B	B	A	A	A	B	B
Approach Vol, veh/h					248			524			485	
Approach Delay, s/veh					12.5			9.6			13.1	
Approach LOS					B			A			B	
Timer - Assigned Phs		2			5	6		8				
Phs Duration (G+Y+Rc), s		24.3			9.2	15.1		14.3				
Change Period (Y+Rc), s		5.0			4.6	5.0		5.0				
Max Green Setting (Gmax), s		33.0			10.4	18.0		17.0				
Max Q Clear Time (g_c+I1), s		4.2			5.4	6.5		4.7				
Green Ext Time (p_c), s		2.5			0.1	2.2		0.6				

Intersection Summary

HCM 6th Ctrl Delay	11.5
HCM 6th LOS	B

Yorba Linda Housing Element / SP (JN 13763)
Existing (2022)
PM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #9 Plumosa Dr. & Bastanchury Rd.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.375
Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
Optimal Cycle: 28 Level Of Service: A

Table with columns: Approach (North Bound, South Bound, East Bound, West Bound), Movement (L, T, R), Control, Rights, Min. Green, Y+R, Lanes. Includes values for protected movements and lane counts.

Volume Module: Table with columns: Base Vol, Growth Adj, Initial Bse, User Adj, PHF Adj, PHF Volume, Reduct Vol, Reduced Vol, PCE Adj, MLF Adj, Final Volume. Includes values for each approach and movement.

Saturation Flow Module: Table with columns: Sat/Lane, Adjustment, Lanes, Final Sat. Includes values for each approach and movement.

Capacity Analysis Module: Table with columns: Vol/Sat, Crit Moves. Includes values for each approach and movement.

 Yorba Linda Housing Element / SP (JN 13763)
 Existing (2022)
 PM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #10 Lakeview Av. & Bastanchury Rd.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.578
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
 Optimal Cycle: 38 Level Of Service: A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Ovl			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1	0	1	1	0	1	1	0	1	1	0	1

Volume Module:

Base Vol:	90	131	230	66	91	20	38	619	127	144	480	81
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	90	131	230	66	91	20	38	619	127	144	480	81
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	90	131	230	66	91	20	38	619	127	144	480	81
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	90	131	230	66	91	20	38	619	127	144	480	81
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	90	131	230	66	91	20	38	619	127	144	480	81
OvlAdjVol:	0											

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.66	0.34	1.00	1.71	0.29
Final Sat.:	1700	1700	1700	1700	1700	1700	1700	2821	579	1700	2909	491

Capacity Analysis Module:

Vol/Sat:	0.05	0.08	0.14	0.04	0.05	0.01	0.02	0.22	0.22	0.08	0.16	0.17	
OvlAdjV/S:							0.00						
Crit Moves:	****			****			****			****			

 Yorba Linda Housing Element / SP (JN 13763)
 Existing (2022)
 PM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #11 Lakeview Av. & Lemon Dr.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.349
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
 Optimal Cycle: 27 Level Of Service: A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Prot+Permit			Prot+Permit			Split Phase			Split Phase		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1	0	1	1	0	1	0	1	0	0	1	0

Volume Module:

Base Vol:	91	414	1	0	354	63	75	1	120	3	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	91	414	1	0	354	63	75	1	120	3	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	91	414	1	0	354	63	75	1	120	3	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	91	414	1	0	354	63	75	1	120	3	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	91	414	1	0	354	63	75	1	120	3	0	0

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.99	0.01	1.00	1.70	0.30	0.99	0.01	1.00	1.00	0.00	0.00
Final Sat.:	1700	3392	8	1700	2886	514	1678	22	1700	1700	0	0

Capacity Analysis Module:

Vol/Sat:	0.05	0.12	0.12	0.00	0.12	0.12	0.04	0.04	0.07	0.00	0.00	0.00
Crit Moves:	****			****			****	****		****	****	

 Yorba Linda Housing Element / SP (JN 13763)
 Existing (2022)
 PM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #12 Lakeview Av. & Yorba Linda Bl.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.611
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
 Optimal Cycle: 41 Level Of Service: B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Ovl			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	2	0	2	0	1	1	0	1	0	2	1	0

Volume Module:

Base Vol:	187	284	265	183	271	143	171	1073	107	175	867	84
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	187	284	265	183	271	143	171	1073	107	175	867	84
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	187	284	265	183	271	143	171	1073	107	175	867	84
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	187	284	265	183	271	143	171	1073	107	175	867	84
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	187	284	265	183	271	143	171	1073	107	175	867	84
OvlAdjVol:	90											

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	2.00	2.00	1.00	2.00	1.31	0.69	1.00	2.73	0.27	1.00	2.74	0.26
Final Sat.:	3400	3400	1700	3400	2226	1174	1700	4638	462	1700	4650	450

Capacity Analysis Module:

Vol/Sat:	0.06	0.08	0.16	0.05	0.12	0.12	0.10	0.23	0.23	0.10	0.19	0.19
OvlAdjV/S:	0.05											
Crit Moves:	****			****			****			****		

 Yorba Linda Housing Element / SP (JN 13763)
 Existing (2022)
 PM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #13 Ohio St. & Yorba Linda Bl.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.410
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
 Optimal Cycle: 29 Level Of Service: A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Permitted			Permitted			Protected			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	1	0	1	0	1	0	2	1	0	0

Volume Module:

Base Vol:	0	0	0	47	0	15	13	951	0	0	1331	70
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	47	0	15	13	951	0	0	1331	70
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	47	0	15	13	951	0	0	1331	70
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	47	0	15	13	951	0	0	1331	70
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	0	47	0	15	13	951	0	0	1331	70

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.00	1.00	0.00	1.00	0.00	1.00	1.00	3.00	0.00	0.00	2.85	0.15
Final Sat.:	0	1700	0	1700	0	1700	1700	5100	0	0	4845	255

Capacity Analysis Module:

Vol/Sat:	0.00	0.00	0.00	0.03	0.00	0.01	0.01	0.19	0.00	0.00	0.27	0.27
Crit Moves:				****			****			****		

 Yorba Linda Housing Element / SP (JN 13763)
 Existing (2022)
 PM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #14 Fairmont Bl. & Bastanchury Rd.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.454
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxxx
 Optimal Cycle: 31 Level Of Service: A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1	0	2	0	1	1	0	1	1	0	1	1

Volume Module:

Base Vol:	120	109	37	30	86	120	155	429	202	46	367	35
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	120	109	37	30	86	120	155	429	202	46	367	35
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	120	109	37	30	86	120	155	429	202	46	367	35
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	120	109	37	30	86	120	155	429	202	46	367	35
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	120	109	37	30	86	120	155	429	202	46	367	35

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	2.00	1.00	1.00	2.00	1.00	1.00	1.36	0.64	1.00	1.83	0.17
Final Sat.:	1700	3400	1700	1700	3400	1700	1700	2312	1088	1700	3104	296

Capacity Analysis Module:

Vol/Sat:	0.07	0.03	0.02	0.02	0.03	0.07	0.09	0.19	0.19	0.03	0.12	0.12
Crit Moves:	****					****	****			****		

 Yorba Linda Housing Element / SP (JN 13763)
 Existing (2022)
 PM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #15 Fairmont Bl. & Yorba Linda Bl.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.507
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
 Optimal Cycle: 34 Level Of Service: A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Ovl			Ovl			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	2	0	1	1	0	1	0	3	0	1	0	2

Volume Module:

Base Vol:	171	10	47	125	130	207	214	984	196	49	733	53
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	171	10	47	125	130	207	214	984	196	49	733	53
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	171	10	47	125	130	207	214	984	196	49	733	53
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	171	10	47	125	130	207	214	984	196	49	733	53
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	171	10	47	125	130	207	214	984	196	49	733	53
OvlAdjVol:						0			111			

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	2.00	1.00	1.00	1.00	1.00	2.00	1.00	3.00	1.00	1.00	2.80	0.20
Final Sat.:	3400	1700	1700	1700	1700	3400	1700	5100	1700	1700	4756	344

Capacity Analysis Module:

Vol/Sat:	0.05	0.01	0.03	0.07	0.08	0.06	0.13	0.19	0.12	0.03	0.15	0.15
OvlAdjV/S:						0.00			0.07			
Crit Moves:	****			****			****			****		

 Yorba Linda Housing Element / SP (JN 13763)
 Existing (2022)
 PM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #16 Yorba Linda Bl. & Savi Ranch Pkwy.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.844

Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx

Optimal Cycle: 78 Level Of Service: D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Ignore			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1	0	3	0	1	1	1	0	0	0	2	2

Volume Module:

Base Vol:	119	1394	465	339	1165	250	175	0	380	541	0	528
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	119	1394	465	339	1165	250	175	0	380	541	0	528
User Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	119	1394	0	339	1165	250	175	0	380	541	0	528
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	119	1394	0	339	1165	250	175	0	380	541	0	528
PCE Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	119	1394	0	339	1165	250	175	0	380	541	0	528

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	3.00	1.00	1.00	3.00	1.00	1.00	0.00	2.00	2.00	0.00	2.00
Final Sat.:	1700	5100	1700	1700	5100	1700	1700	0	3400	3400	0	3400

Capacity Analysis Module:

Vol/Sat:	0.07	0.27	0.00	0.20	0.23	0.15	0.10	0.00	0.11	0.16	0.00	0.16
Crit Moves:	****			****			****			****		

Timings
17: Weir Canyon Rd & SR-91 WB Ramps

Yorba Linda Element and SP (JN 13763)

04/12/2022

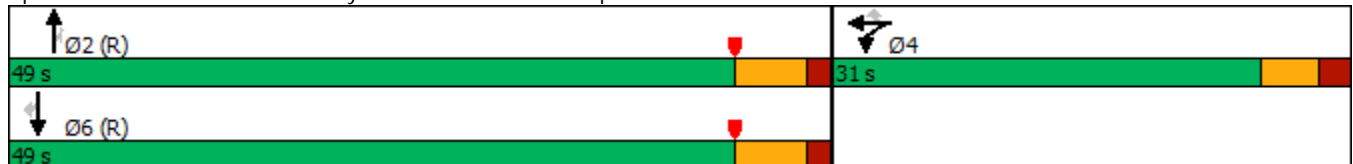


Lane Group	WBL	WBT	WBR	NBT	NBR	SBT	SBR
Lane Configurations	↖	↔	↗	↑↑↑	↗	↑↑↑	↗
Traffic Volume (vph)	523	0	634	1344	340	1475	611
Future Volume (vph)	523	0	634	1344	340	1475	611
Turn Type	Split	NA	Perm	NA	Perm	NA	Perm
Protected Phases	4	4		2		6	
Permitted Phases			4		2		6
Detector Phase	4	4	4	2	2	6	6
Switch Phase							
Minimum Initial (s)	5.0	5.0	5.0	15.0	15.0	15.0	15.0
Minimum Split (s)	10.5	10.5	10.5	23.8	23.8	20.8	20.8
Total Split (s)	31.0	31.0	31.0	49.0	49.0	49.0	49.0
Total Split (%)	38.8%	38.8%	38.8%	61.3%	61.3%	61.3%	61.3%
Yellow Time (s)	3.5	3.5	3.5	4.3	4.3	4.3	4.3
All-Red Time (s)	2.0	2.0	2.0	1.5	1.5	1.5	1.5
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	5.5	5.5	5.5	5.8	5.8	5.8	5.8
Lead/Lag							
Lead-Lag Optimize?							
Recall Mode	None	None	None	C-Min	C-Min	C-Min	C-Min

Intersection Summary

Cycle Length: 80
 Actuated Cycle Length: 80
 Offset: 43.2 (54%), Referenced to phase 2:NBT and 6:SBT, Start of Yellow
 Natural Cycle: 50
 Control Type: Actuated-Coordinated

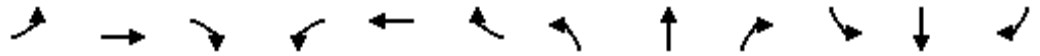
Splits and Phases: 17: Weir Canyon Rd & SR-91 WB Ramps



HCM 6th Signalized Intersection Summary
 17: Weir Canyon Rd & SR-91 WB Ramps

Yorba Linda Element and SP (JN 13763)

04/12/2022



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations				↖	↔	↗		↑↑↑	↗		↑↑↑	↗
Traffic Volume (veh/h)	0	0	0	523	0	634	0	1344	340	0	1475	611
Future Volume (veh/h)	0	0	0	523	0	634	0	1344	340	0	1475	611
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach				No		No		No			No	
Adj Sat Flow, veh/h/ln				1870	1870	1870	0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h				791	0	428	0	1415	0	0	1694	0
Peak Hour Factor				0.92	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %				2	2	2	0	2	2	0	2	2
Cap, veh/h				1082	0	482	0	2834		0	3114	
Arrive On Green				0.30	0.00	0.30	0.00	1.00	0.00	0.00	0.55	0.00
Sat Flow, veh/h				3563	0	1585	0	5274	1585	0	5611	1585
Grp Volume(v), veh/h				791	0	428	0	1415	0	0	1694	0
Grp Sat Flow(s),veh/h/ln				1781	0	1585	0	1702	1585	0	1870	1585
Q Serve(g_s), s				15.9	0.0	20.6	0.0	0.0	0.0	0.0	15.4	0.0
Cycle Q Clear(g_c), s				15.9	0.0	20.6	0.0	0.0	0.0	0.0	15.4	0.0
Prop In Lane				1.00		1.00	0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h				1082	0	482	0	2834		0	3114	
V/C Ratio(X)				0.73	0.00	0.89	0.00	0.50		0.00	0.54	
Avail Cap(c_a), veh/h				1136	0	505	0	2834		0	3114	
HCM Platoon Ratio				1.00	1.00	1.00	1.00	2.00	2.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	0.00	0.84	0.00	0.00	0.65	0.00
Uniform Delay (d), s/veh				24.9	0.0	26.6	0.0	0.0	0.0	0.0	11.3	0.0
Incr Delay (d2), s/veh				2.4	0.0	17.2	0.0	0.5	0.0	0.0	0.4	0.0
Initial Q Delay(d3),s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				6.8	0.0	9.7	0.0	0.1	0.0	0.0	5.4	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh				27.4	0.0	43.8	0.0	0.5	0.0	0.0	11.8	0.0
LnGrp LOS				C	A	D	A	A		A	B	
Approach Vol, veh/h					1219			1415	A		1694	A
Approach Delay, s/veh					33.1			0.5			11.8	
Approach LOS					C			A			B	
Timer - Assigned Phs		2		4		6						
Phs Duration (G+Y+Rc), s		50.2		29.8		50.2						
Change Period (Y+Rc), s		5.8		5.5		5.8						
Max Green Setting (Gmax), s		43.2		25.5		43.2						
Max Q Clear Time (g_c+I1), s		2.0		22.6		17.4						
Green Ext Time (p_c), s		13.3		1.7		14.0						

Intersection Summary

HCM 6th Ctrl Delay	14.1
HCM 6th LOS	B

Notes

User approved volume balancing among the lanes for turning movement.
 Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.

Timings
18: Weir Canyon Rd & SR-91 EB Ramps

Yorba Linda Element and SP (JN 13763)

04/12/2022

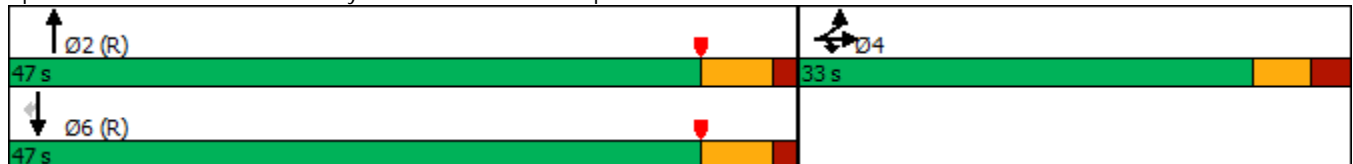


Lane Group	EBL	EBT	EBR	NBT	NBR	SBT	SBR
Lane Configurations							
Traffic Volume (vph)	348	0	688	1336	638	1717	281
Future Volume (vph)	348	0	688	1336	638	1717	281
Turn Type	Split	NA	Prot	NA	Free	NA	Perm
Protected Phases	4	4	4	2		6	
Permitted Phases					Free		6
Detector Phase	4	4	4	2		6	6
Switch Phase							
Minimum Initial (s)	5.0	5.0	5.0	15.0		15.0	15.0
Minimum Split (s)	11.0	11.0	11.0	20.8		27.8	27.8
Total Split (s)	33.0	33.0	33.0	47.0		47.0	47.0
Total Split (%)	41.3%	41.3%	41.3%	58.8%		58.8%	58.8%
Yellow Time (s)	3.5	3.5	3.5	4.3		4.3	4.3
All-Red Time (s)	2.5	2.5	2.5	1.5		1.5	1.5
Lost Time Adjust (s)	0.0	0.0	0.0	0.0		0.0	0.0
Total Lost Time (s)	6.0	6.0	6.0	5.8		5.8	5.8
Lead/Lag							
Lead-Lag Optimize?							
Recall Mode	None	None	None	C-Min		C-Min	C-Min

Intersection Summary

Cycle Length: 80
 Actuated Cycle Length: 80
 Offset: 41.2 (52%), Referenced to phase 2:NBT and 6:SBT, Start of Yellow
 Natural Cycle: 50
 Control Type: Actuated-Coordinated

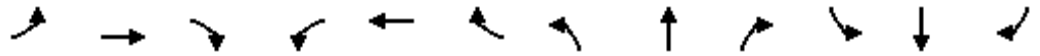
Splits and Phases: 18: Weir Canyon Rd & SR-91 EB Ramps



HCM 6th Signalized Intersection Summary
 18: Weir Canyon Rd & SR-91 EB Ramps

Yorba Linda Element and SP (JN 13763)

04/12/2022



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	348	0	688	0	0	0	0	1336	638	0	1717	281
Future Volume (veh/h)	348	0	688	0	0	0	0	1336	638	0	1717	281
Initial Q (Qb), veh	0	0	0				0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00				1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No						No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870				0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h	241	0	776				0	1392	0	0	1789	0
Peak Hour Factor	0.96	0.96	0.96				0.96	0.96	0.96	0.96	0.96	0.96
Percent Heavy Veh, %	2	2	2				0	2	2	0	2	2
Cap, veh/h	519	0	923				0	2866		0	2866	
Arrive On Green	0.29	0.00	0.29				0.00	0.56	0.00	0.00	1.00	0.00
Sat Flow, veh/h	1781	0	3170				0	5274	1585	0	5274	1585
Grp Volume(v), veh/h	241	0	776				0	1392	0	0	1789	0
Grp Sat Flow(s),veh/h/ln	1781	0	1585				0	1702	1585	0	1702	1585
Q Serve(g_s), s	8.9	0.0	18.4				0.0	13.2	0.0	0.0	0.0	0.0
Cycle Q Clear(g_c), s	8.9	0.0	18.4				0.0	13.2	0.0	0.0	0.0	0.0
Prop In Lane	1.00		1.00				0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h	519	0	923				0	2866		0	2866	
V/C Ratio(X)	0.46	0.00	0.84				0.00	0.49		0.00	0.62	
Avail Cap(c_a), veh/h	601	0	1070				0	2866		0	2866	
HCM Platoon Ratio	1.00	1.00	1.00				1.00	1.00	1.00	1.00	2.00	2.00
Upstream Filter(I)	1.00	0.00	1.00				0.00	1.00	0.00	0.00	0.66	0.00
Uniform Delay (d), s/veh	23.2	0.0	26.6				0.0	10.6	0.0	0.0	0.0	0.0
Incr Delay (d2), s/veh	0.8	0.0	5.7				0.0	0.6	0.0	0.0	0.7	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	3.7	0.0	7.3				0.0	4.2	0.0	0.0	0.2	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	24.0	0.0	32.3				0.0	11.2	0.0	0.0	0.7	0.0
LnGrp LOS	C	A	C				A	B		A	A	
Approach Vol, veh/h		1017						1392	A		1789	A
Approach Delay, s/veh		30.3						11.2			0.7	
Approach LOS		C						B			A	
Timer - Assigned Phs		2		4				6				
Phs Duration (G+Y+Rc), s		50.7		29.3				50.7				
Change Period (Y+Rc), s		5.8		6.0				5.8				
Max Green Setting (Gmax), s		41.2		27.0				41.2				
Max Q Clear Time (g_c+I1), s		15.2		20.4				2.0				
Green Ext Time (p_c), s		17.7		2.9				30.1				

Intersection Summary

HCM 6th Ctrl Delay	11.3
HCM 6th LOS	B

Notes

User approved volume balancing among the lanes for turning movement.
 Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.

 Yorba Linda Housing Element / SP (JN 13763)
 Existing (2022)
 PM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #19 Gypsum Canyon Rd. & La Palma Av.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.696
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxxx
 Optimal Cycle: 49 Level Of Service: B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Ovl			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1	0	1	0	1	0	1	0	1	1	0	1

Volume Module:

Base Vol:	72	4	64	2	8	5	26	443	866	137	178	4
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	72	4	64	2	8	5	26	443	866	137	178	4
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	72	4	64	2	8	5	26	443	866	137	178	4
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	72	4	64	2	8	5	26	443	866	137	178	4
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	72	4	64	2	8	5	26	443	866	137	178	4
OvlAdjVol:									819			

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.54	0.09	1.37	0.20	0.80	1.00	1.00	1.00	1.00	1.00	1.96	0.04
Final Sat.:	2623	146	2331	340	1360	1700	1700	1700	1700	1700	3325	75

Capacity Analysis Module:

Vol/Sat:	0.03	0.03	0.03	0.01	0.01	0.00	0.02	0.26	0.51	0.08	0.05	0.05
OvlAdjV/S:									0.48			
Crit Moves:	****			****			****	****		****		

**APPENDIX 4.3: EXISTING (2022) CONDITIONS TRAFFIC SIGNAL
WARRANT ANALYSIS WORKSHEETS**

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Figure 4C-3. Warrant 3, Peak Hour

Traffic Conditions = **Existing (2022) Conditions - Weekday AM Peak Hour**

Major Street Name = **Lakeview Avenue**

Total of Both Approaches (VPH) = **1134**

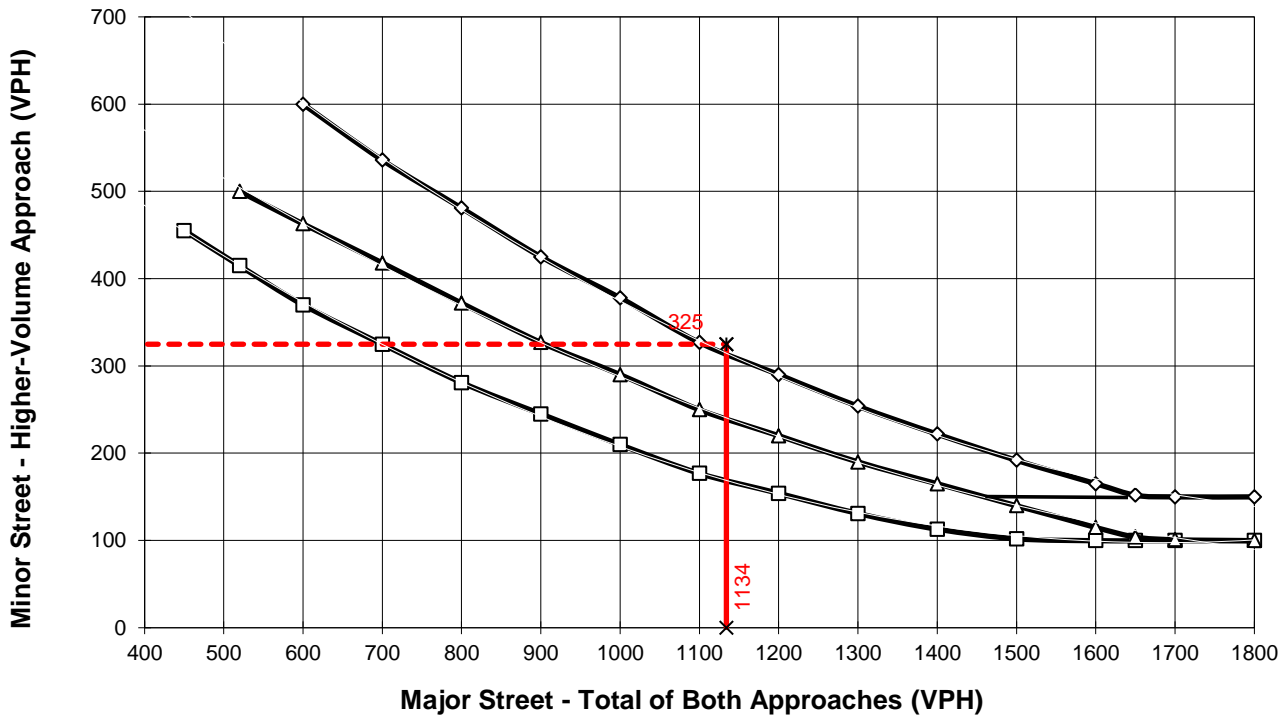
Number of Approach Lanes on Major Street = **2**

Minor Street Name = **Buena Vista Avenue**

High Volume Approach (VPH) = **325**

Number of Approach Lanes On Minor Street = **1**

WARRANTED FOR A SIGNAL



- 1 Lane (Major) & 1 Lane (Minor)
- △— 2+ Lanes (Major) & 1 Lane (Minor) OR 1 Lane (Major) & 2+ Lanes (Minor)
- ◇— 2+ Lanes (Major) & 2+ Lanes (Minor)
- x— Major Street Approaches
- - - Minor Street Approaches

*Note: 150 vph applies as the lower threshold for a minor-street approach with two or more lanes and 100 vph applies as the lower threshold for a minor-street approach with one lane

Figure 4C-3. Warrant 3, Peak Hour

Traffic Conditions = Existing (2022) Conditions - Weekday AM Peak Hour

Major Street Name = Kellogg Drive

Total of Both Approaches (VPH) = 1324

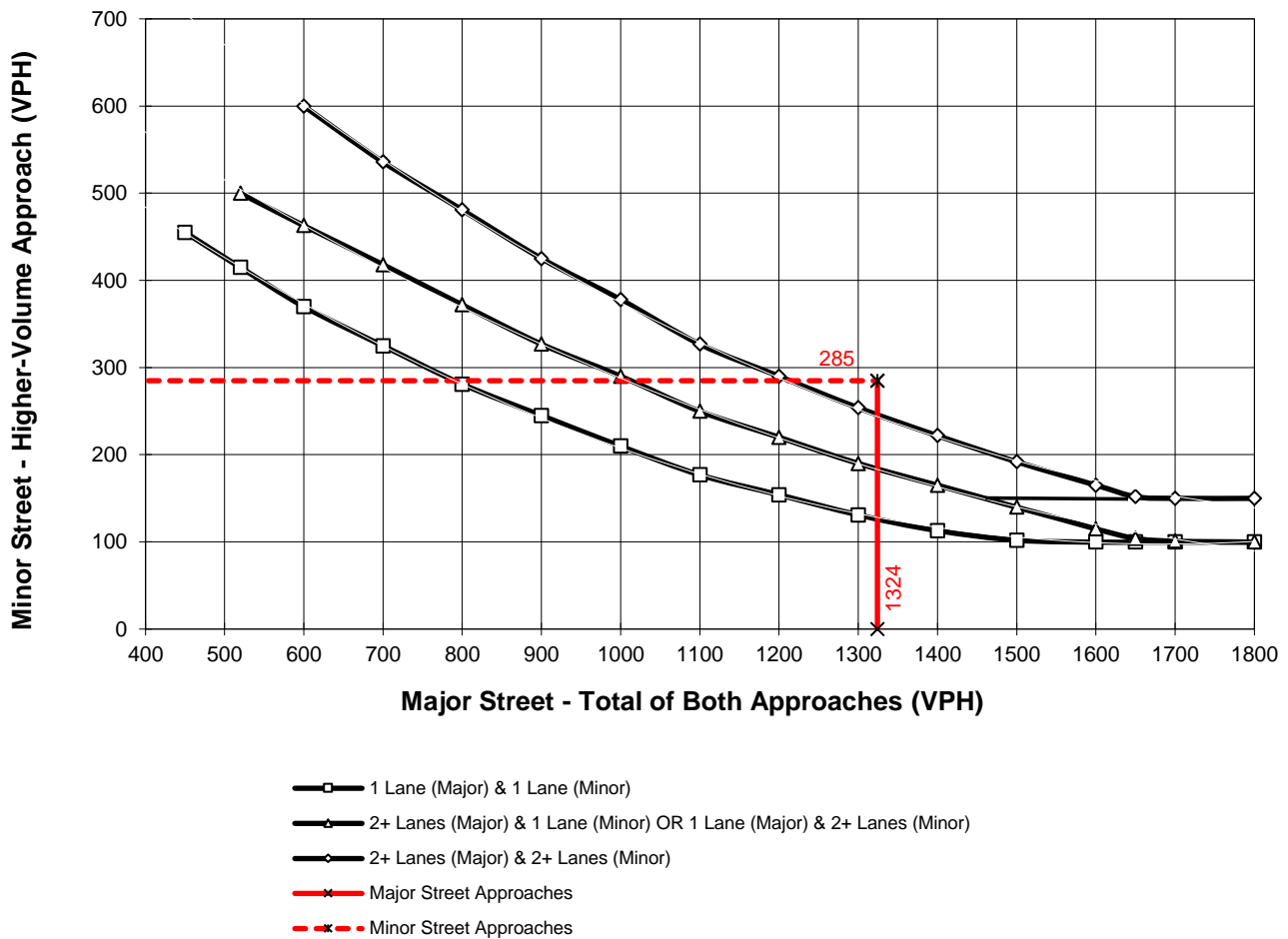
Number of Approach Lanes on Major Street = 2

Minor Street Name = SR 90 EB ramps

High Volume Approach (VPH) = 285

Number of Approach Lanes On Minor Street = 2

WARRANTED FOR A SIGNAL



*Note: 150 vph applies as the lower threshold for a minor-street approach with two or more lanes and 100 vph applies as the lower threshold for a minor-street approach with one lane

**APPENDIX 5.1: POST PROCESSING WORKSHEETS FOR HORIZON YEAR
(2045) WITHOUT PROJECT**

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Project: Yorba Linda Housing Element/SP
 Scenario: Horizon Year (2045) Without Project

Job #: 13763
 Analyst: MT
 Date: 3/30/22

LOCATION: Rose Dr. & Imperial Hwy.
 FORECAST YEAR: 2045

INDIVIDUAL TURN VOLUME GROWTH REVIEW									
APPROACH	TURNING MOVEMENT	AM PEAK HOUR INPUT DATA				PM PEAK HOUR INPUT DATA			
		EXISTING COUNT	FUTURE VOLUME	DIFF-ERENCE	% CHANGE	EXISTING COUNT	FUTURE VOLUME	DIFF-ERENCE	% CHANGE
NORTH BOUND	Left	117	120	3	3%	197	233	36	18%
	Through	156	203	47	30%	365	438	73	20%
	Right	141	140	-1	-1%	86	97	11	13%
	NB Total	414	463	49	12%	648	768	120	19%
SOUTH BOUND	Left	650	781	131	20%	816	825	9	1%
	Through	393	459	66	17%	310	339	29	9%
	Right	26	32	6	23%	25	27	2	8%
	SB Total	1,069	1,272	203	19%	1,151	1,191	40	3%
EAST BOUND	Left	28	38	10	36%	42	46	4	10%
	Through	979	999	20	2%	1,250	1,288	38	3%
	Right	147	146	-1	-1%	42	47	5	12%
	EB Total	1,154	1,183	29	3%	1,334	1,381	47	4%
WEST BOUND	Left	193	185	-8	-4%	146	165	19	13%
	Through	991	1,008	17	2%	875	960	85	10%
	Right	400	519	119	30%	652	726	74	11%
	WB Total	1,584	1,712	128	8%	1,673	1,851	178	11%
TOTAL ENTERING VOLUME		4,221	4,630	409	10%	4,806	5,191	385	8%

FORECAST PEAK HOUR TO ADT COMPARISON						
		VOLUMES		PERCENT OF ADT		ADT
		AM	PM	AM	PM	
North Leg	Inbound	1,272	1,191			
North Leg	Outbound	760	1,210			
North Leg	TOTAL	2,032	2,401	6%	7%	32,128
South Leg	Inbound	463	768			
South Leg	Outbound	790	551			
South Leg	TOTAL	1,253	1,319	9%	9%	14,725
East Leg	Inbound	1,712	1,851			
East Leg	Outbound	1,920	2,210			
East Leg	TOTAL	3,632	4,061	8%	9%	46,489
West Leg	Inbound	1,183	1,381			
West Leg	Outbound	1,160	1,220			
West Leg	TOTAL	2,343	2,601	8%	9%	29,105
OVERALL TOTAL		9,260	10,382	8%	8%	122,447

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Project: Yorba Linda Housing Element/SP
 Scenario: Horizon Year (2045) Without Project

Job #: 13763
 Analyst: MT
 Date: 3/30/22

LOCATION: Imperial Hwy. & Bastanchury Rd.
 FORECAST YEAR: 2045

INDIVIDUAL TURN VOLUME GROWTH REVIEW									
APPROACH	TURNING MOVEMENT	AM PEAK HOUR INPUT DATA				PM PEAK HOUR INPUT DATA			
		EXISTING COUNT	FUTURE VOLUME	DIFF-ERENCE	% CHANGE	EXISTING COUNT	FUTURE VOLUME	DIFF-ERENCE	% CHANGE
NORTH BOUND	Left	305	282	-23	-8%	249	292	43	17%
	Through	1,313	1,325	12	1%	1,210	1,338	128	11%
	Right	3	4	1	33%	12	16	4	33%
	NB Total	1,621	1,611	-10	-1%	1,471	1,646	175	12%
SOUTH BOUND	Left	220	245	25	11%	496	587	91	18%
	Through	1,291	1,416	125	10%	1,494	1,477	-17	-1%
	Right	3	3	0	0%	3	3	0	0%
	SB Total	1,514	1,664	150	10%	1,993	2,067	74	4%
EAST BOUND	Left	18	17	-1	-6%	18	18	0	0%
	Through	349	394	45	13%	415	516	101	24%
	Right	296	329	33	11%	369	383	14	4%
	EB Total	663	740	77	12%	802	917	115	14%
WEST BOUND	Left	1	2	1	100%	9	10	1	11%
	Through	524	639	115	22%	292	345	53	18%
	Right	478	635	157	33%	354	394	40	11%
	WB Total	1,003	1,276	273	27%	655	749	94	14%
TOTAL ENTERING VOLUME		4,801	5,291	490	10%	4,921	5,379	458	9%

FORECAST PEAK HOUR TO ADT COMPARISON						
		VOLUMES		PERCENT OF ADT		ADT
		AM	PM	AM	PM	
North Leg	Inbound	1,664	2,067			
North Leg	Outbound	1,977	1,750			
North Leg	TOTAL	3,641	3,817	8%	9%	44,212
South Leg	Inbound	1,611	1,646			
South Leg	Outbound	1,747	1,870			
South Leg	TOTAL	3,358	3,516	8%	9%	40,182
East Leg	Inbound	1,276	749			
East Leg	Outbound	643	1,119			
East Leg	TOTAL	1,919	1,868	9%	8%	22,338
West Leg	Inbound	740	917			
West Leg	Outbound	924	640			
West Leg	TOTAL	1,664	1,557	9%	8%	19,093
OVERALL TOTAL		10,582	10,758	8%	9%	125,825

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Project: Yorba Linda Housing Element/SP
 Scenario: Horizon Year (2045) Without Project

Job #: 13763
 Analyst: MT
 Date: 3/30/22

LOCATION: Imperial Hwy. & Yorba Linda Bl.
 FORECAST YEAR: 2045

INDIVIDUAL TURN VOLUME GROWTH REVIEW									
APPROACH	TURNING MOVEMENT	AM PEAK HOUR INPUT DATA				PM PEAK HOUR INPUT DATA			
		EXISTING COUNT	FUTURE VOLUME	DIFF-ERENCE	% CHANGE	EXISTING COUNT	FUTURE VOLUME	DIFF-ERENCE	% CHANGE
NORTH BOUND	Left	318	365	47	15%	301	354	53	18%
	Through	926	1,031	105	11%	915	1,090	175	19%
	Right	198	221	23	12%	211	207	-4	-2%
	NB Total	1,442	1,617	175	12%	1,427	1,651	224	16%
SOUTH BOUND	Left	336	343	7	2%	586	518	-68	-12%
	Through	1,018	1,180	162	16%	1,025	1,121	96	9%
	Right	37	39	2	5%	67	71	4	6%
	SB Total	1,391	1,562	171	12%	1,678	1,710	32	2%
EAST BOUND	Left	26	27	1	4%	90	100	10	11%
	Through	326	335	9	3%	565	515	-50	-9%
	Right	316	369	53	17%	313	353	40	13%
	EB Total	668	731	63	9%	968	968	0	0%
WEST BOUND	Left	200	200	0	0%	158	167	9	6%
	Through	525	475	-50	-10%	555	566	11	2%
	Right	438	384	-54	-12%	445	460	15	3%
	WB Total	1,163	1,059	-104	-9%	1,158	1,193	35	3%
TOTAL ENTERING VOLUME		4,664	4,969	305	7%	5,231	5,522	291	6%

FORECAST PEAK HOUR TO ADT COMPARISON						
		VOLUMES		PERCENT OF ADT		ADT
		AM	PM	AM	PM	
North Leg	Inbound	1,562	1,710			
North Leg	Outbound	1,442	1,650			
North Leg	TOTAL	3,004	3,360	8%	9%	37,873
South Leg	Inbound	1,617	1,651			
South Leg	Outbound	1,749	1,641			
South Leg	TOTAL	3,366	3,292	9%	9%	37,002
East Leg	Inbound	1,059	1,193			
East Leg	Outbound	899	1,240			
East Leg	TOTAL	1,958	2,433	8%	10%	24,458
West Leg	Inbound	731	968			
West Leg	Outbound	879	991			
West Leg	TOTAL	1,610	1,959	8%	10%	20,220
OVERALL TOTAL		9,938	11,044	8%	9%	119,553

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Project: Yorba Linda Housing Element/SP
 Scenario: Horizon Year (2045) Without Project

Job #: 13763
 Analyst: MT
 Date: 3/31/22

LOCATION: Lakeview Av. & Buena Vista Av.
 FORECAST YEAR: 2045

INDIVIDUAL TURN VOLUME GROWTH REVIEW									
APPROACH	TURNING MOVEMENT	AM PEAK HOUR INPUT DATA				PM PEAK HOUR INPUT DATA			
		EXISTING COUNT	FUTURE VOLUME	DIFFERENCE	% CHANGE	EXISTING COUNT	FUTURE VOLUME	DIFFERENCE	% CHANGE
NORTH BOUND	Left	52	50	-2	-4%	91	80	-11	-12%
	Through	295	318	23	8%	453	567	114	25%
	Right	56	45	-11	-20%	56	39	-17	-30%
	NB Total	403	413	10	2%	600	686	86	14%
SOUTH BOUND	Left	48	82	34	71%	35	33	-2	-6%
	Through	582	726	144	25%	394	430	36	9%
	Right	101	208	107	106%	135	164	29	21%
	SB Total	731	1,016	285	39%	564	627	63	11%
EAST BOUND	Left	139	187	48	35%	223	312	89	40%
	Through	113	112	-1	-1%	88	68	-20	-23%
	Right	73	53	-20	-27%	67	59	-8	-12%
	EB Total	325	352	27	8%	378	439	61	16%
WEST BOUND	Left	88	47	-41	-47%	34	31	-3	-9%
	Through	127	112	-15	-12%	46	47	1	2%
	Right	72	71	-1	-1%	49	71	22	45%
	WB Total	287	230	-57	-20%	129	149	20	16%
TOTAL ENTERING VOLUME		1,746	2,011	265	15%	1,671	1,901	230	14%

FORECAST PEAK HOUR TO ADT COMPARISON						
		VOLUMES		PERCENT OF ADT		ADT
		AM	PM	AM	PM	
North Leg	Inbound	1,016	627			
North Leg	Outbound	576	950			
North Leg	TOTAL	1,592	1,577	10%	10%	16,293
South Leg	Inbound	413	686			
South Leg	Outbound	826	520			
South Leg	TOTAL	1,239	1,206	10%	10%	12,253
East Leg	Inbound	230	149			
East Leg	Outbound	239	140			
East Leg	TOTAL	469	289	20%	12%	2,391
West Leg	Inbound	352	439			
West Leg	Outbound	370	291			
West Leg	TOTAL	722	730	9%	9%	8,166
OVERALL TOTAL		4,022	3,802	10%	10%	39,104

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Project: Yorba Linda Housing Element/SP
 Scenario: Horizon Year (2045) Without Project

Job #: 13763
 Analyst: MT
 Date: 3/30/22

LOCATION: Kellogg Dr. & SR-90 SB Ramps
 FORECAST YEAR: 2045

INDIVIDUAL TURN VOLUME GROWTH REVIEW									
APPROACH	TURNING MOVEMENT	AM PEAK HOUR INPUT DATA				PM PEAK HOUR INPUT DATA			
		EXISTING COUNT	FUTURE VOLUME	DIFFERENCE	% CHANGE	EXISTING COUNT	FUTURE VOLUME	DIFFERENCE	% CHANGE
NORTH BOUND	Left	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	Through	435	435	0	0%	409	430	21	5%
	Right	144	167	23	16%	102	90	-12	-12%
	NB Total	579	602	23	4%	511	520	9	2%
SOUTH BOUND	Left	280	413	133	48%	243	241	-2	-1%
	Through	465	446	-19	-4%	268	248	-20	-7%
	Right	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	SB Total	745	859	114	15%	511	489	-22	-4%
EAST BOUND	Left	18	23	5	28%	73	94	21	29%
	Through	0	0	0	#DIV/0!	1	1	0	0%
	Right	267	256	-11	-4%	153	155	2	1%
	EB Total	285	279	-6	-2%	227	250	23	10%
WEST BOUND	Left	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	Through	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	Right	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	WB Total	0	0	0	#DIV/0!	0	0	0	#DIV/0!
TOTAL ENTERING VOLUME		1,609	1,740	131	8%	1,249	1,259	10	1%

FORECAST PEAK HOUR TO ADT COMPARISON						
		VOLUMES		PERCENT OF ADT		ADT
		AM	PM	AM	PM	
North Leg	Inbound	859	489			
North Leg	Outbound	458	524			
North Leg	TOTAL	1,317	1,013	13%	10%	10,178
South Leg	Inbound	602	520			
South Leg	Outbound	702	403			
South Leg	TOTAL	1,304	923	14%	10%	9,456
East Leg	Inbound	0	0			
East Leg	Outbound	580	332			
East Leg	TOTAL	580	332	16%	9%	3,557
West Leg	Inbound	279	250			
West Leg	Outbound	0	0			
West Leg	TOTAL	279	250	12%	10%	2,407
OVERALL TOTAL		3,480	2,518	14%	10%	25,598

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Project: Yorba Linda Housing Element/SP
 Scenario: Horizon Year (2045) Without Project

Job #: 13763
 Analyst: MT
 Date: 3/30/22

LOCATION: SR-90 NB Ramps & Kellogg Dr.
 FORECAST YEAR: 2045

INDIVIDUAL TURN VOLUME GROWTH REVIEW									
APPROACH	TURNING MOVEMENT	AM PEAK HOUR INPUT DATA				PM PEAK HOUR INPUT DATA			
		EXISTING COUNT	FUTURE VOLUME	DIFFERENCE	% CHANGE	EXISTING COUNT	FUTURE VOLUME	DIFFERENCE	% CHANGE
NORTH BOUND	Left	159	163	4	3%	151	133	-18	-12%
	Through	294	293	-1	0%	331	415	84	25%
	Right	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	NB Total	453	456	3	1%	482	548	66	14%
SOUTH BOUND	Left	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	Through	618	762	144	23%	407	403	-4	-1%
	Right	73	107	34	47%	46	46	0	0%
	SB Total	691	869	178	26%	453	449	-4	-1%
EAST BOUND	Left	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	Through	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	Right	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	EB Total	0	0	0	#DIV/0!	0	0	0	#DIV/0!
WEST BOUND	Left	127	98	-29	-23%	104	87	-17	-16%
	Through	0	0	0	#DIV/0!	1	1	0	0%
	Right	286	257	-29	-10%	308	375	67	22%
	WB Total	413	355	-58	-14%	413	463	50	12%
TOTAL ENTERING VOLUME		1,557	1,680	123	8%	1,348	1,460	112	8%

FORECAST PEAK HOUR TO ADT COMPARISON						
		VOLUMES		PERCENT OF ADT		ADT
		AM	PM	AM	PM	
North Leg	Inbound	869	449			
North Leg	Outbound	550	790			
North Leg	TOTAL	1,419	1,239	13%	11%	11,063
South Leg	Inbound	456	548			
South Leg	Outbound	860	490			
South Leg	TOTAL	1,316	1,038	13%	10%	10,178
East Leg	Inbound	355	463			
East Leg	Outbound	0	0			
East Leg	TOTAL	355	463	10%	13%	3,479
West Leg	Inbound	0	0			
West Leg	Outbound	270	180			
West Leg	TOTAL	270	180	15%	10%	1,814
OVERALL TOTAL		3,360	2,920	13%	11%	26,535

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Project: Yorba Linda Housing Element/SP
 Scenario: Horizon Year (2045) Without Project

Job #: 13763
 Analyst: MT
 Date: 3/30/22

LOCATION: Lakeview Av. & Bastanchury Rd.
 FORECAST YEAR: 2045

INDIVIDUAL TURN VOLUME GROWTH REVIEW									
APPROACH	TURNING MOVEMENT	AM PEAK HOUR INPUT DATA				PM PEAK HOUR INPUT DATA			
		EXISTING COUNT	FUTURE VOLUME	DIFF-ERENCE	% CHANGE	EXISTING COUNT	FUTURE VOLUME	DIFF-ERENCE	% CHANGE
NORTH BOUND	Left	120	129	9	8%	90	91	1	1%
	Through	59	54	-5	-8%	131	129	-2	-2%
	Right	191	186	-5	-3%	230	241	11	5%
	NB Total	370	369	-1	0%	451	461	10	2%
SOUTH BOUND	Left	108	108	0	0%	66	66	0	0%
	Through	133	127	-6	-5%	91	84	-7	-8%
	Right	59	65	6	10%	20	19	-1	-5%
	SB Total	300	300	0	0%	177	169	-8	-5%
EAST BOUND	Left	31	30	-1	-3%	38	40	2	5%
	Through	488	506	18	4%	619	698	79	13%
	Right	144	143	-1	-1%	127	132	5	4%
	EB Total	663	679	16	2%	784	870	86	11%
WEST BOUND	Left	224	240	16	7%	144	145	1	1%
	Through	722	895	173	24%	480	503	23	5%
	Right	99	105	6	6%	81	82	1	1%
	WB Total	1,045	1,240	195	19%	705	730	25	4%
TOTAL ENTERING VOLUME		2,378	2,588	210	9%	2,117	2,230	113	5%

FORECAST PEAK HOUR TO ADT COMPARISON						
		VOLUMES		PERCENT OF ADT		ADT
		AM	PM	AM	PM	
North Leg	Inbound	300	169			
North Leg	Outbound	189	251			
North Leg	TOTAL	489	420	11%	10%	4,265
South Leg	Inbound	369	461			
South Leg	Outbound	510	361			
South Leg	TOTAL	879	822	10%	9%	9,114
East Leg	Inbound	1,240	730			
East Leg	Outbound	800	1,005			
East Leg	TOTAL	2,040	1,735	10%	9%	19,865
West Leg	Inbound	679	870			
West Leg	Outbound	1,089	613			
West Leg	TOTAL	1,768	1,483	10%	8%	17,620
OVERALL TOTAL		5,176	4,460	10%	9%	50,865

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Project: Yorba Linda Housing Element/SP
 Scenario: Horizon Year (2045) Without Project

Job #: 13763
 Analyst: MT
 Date: 3/30/22

LOCATION: Lakeview Av. & Yorba Linda Bl.
 FORECAST YEAR: 2045

INDIVIDUAL TURN VOLUME GROWTH REVIEW									
APPROACH	TURNING MOVEMENT	AM PEAK HOUR INPUT DATA				PM PEAK HOUR INPUT DATA			
		EXISTING COUNT	FUTURE VOLUME	DIFF-ERENCE	% CHANGE	EXISTING COUNT	FUTURE VOLUME	DIFF-ERENCE	% CHANGE
NORTH BOUND	Left	135	132	-3	-2%	187	239	52	28%
	Through	178	215	37	21%	284	378	94	33%
	Right	196	211	15	8%	265	333	68	26%
	NB Total	509	558	49	10%	736	950	214	29%
SOUTH BOUND	Left	91	89	-2	-2%	183	195	12	7%
	Through	284	387	103	36%	271	311	40	15%
	Right	105	93	-12	-11%	143	155	12	8%
	SB Total	480	569	89	19%	597	661	64	11%
EAST BOUND	Left	142	156	14	10%	171	163	-8	-5%
	Through	672	660	-12	-2%	1,073	964	-109	-10%
	Right	196	269	73	37%	107	103	-4	-4%
	EB Total	1,010	1,085	75	7%	1,351	1,230	-121	-9%
WEST BOUND	Left	318	444	126	40%	175	182	7	4%
	Through	888	805	-83	-9%	867	852	-15	-2%
	Right	89	99	10	11%	84	86	2	2%
	WB Total	1,295	1,348	53	4%	1,126	1,120	-6	-1%
TOTAL ENTERING VOLUME		3,294	3,560	266	8%	3,810	3,961	151	4%

FORECAST PEAK HOUR TO ADT COMPARISON						
		VOLUMES		PERCENT OF ADT		ADT
		AM	PM	AM	PM	
North Leg	Inbound	569	661			
North Leg	Outbound	470	627			
North Leg	TOTAL	1,039	1,288	7%	9%	14,365
South Leg	Inbound	558	950			
South Leg	Outbound	1,100	596			
South Leg	TOTAL	1,658	1,546	10%	10%	16,255
East Leg	Inbound	1,348	1,120			
East Leg	Outbound	960	1,492			
East Leg	TOTAL	2,308	2,612	9%	10%	26,949
West Leg	Inbound	1,085	1,230			
West Leg	Outbound	1,030	1,246			
West Leg	TOTAL	2,115	2,476	9%	10%	24,729
OVERALL TOTAL		7,120	7,922	9%	10%	82,299

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Project: Yorba Linda Housing Element/SP
 Scenario: Horizon Year (2045) Without Project

Job #: 13763
 Analyst: MT
 Date: 3/31/22

LOCATION: Ohio St. & Yorba Linda Bl.
 FORECAST YEAR: 2045

INDIVIDUAL TURN VOLUME GROWTH REVIEW									
APPROACH	TURNING MOVEMENT	AM PEAK HOUR INPUT DATA				PM PEAK HOUR INPUT DATA			
		EXISTING COUNT	FUTURE VOLUME	DIFFERENCE	% CHANGE	EXISTING COUNT	FUTURE VOLUME	DIFFERENCE	% CHANGE
NORTH BOUND	Left	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	Through	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	Right	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	NB Total	0	0	0	#DIV/0!	0	0	0	#DIV/0!
SOUTH BOUND	Left	70	69	-1	-1%	47	50	3	6%
	Through	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	Right	20	12	-8	-40%	15	11	-4	-27%
	SB Total	90	81	-9	-10%	62	61	-1	-2%
EAST BOUND	Left	20	12	-8	-40%	13	8	-5	-38%
	Through	1,066	1,086	20	2%	951	930	-21	-2%
	Right	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	EB Total	1,086	1,098	12	1%	964	938	-26	-3%
WEST BOUND	Left	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	Through	726	742	16	2%	1,331	1,319	-12	-1%
	Right	50	49	-1	-2%	70	62	-8	-11%
	WB Total	776	791	15	2%	1,401	1,381	-20	-1%
TOTAL ENTERING VOLUME		1,952	1,970	18	1%	2,427	2,380	-47	-2%

FORECAST PEAK HOUR TO ADT COMPARISON						
		VOLUMES		PERCENT OF ADT		ADT
		AM	PM	AM	PM	
North Leg	Inbound	81	61			
North Leg	Outbound	61	70			
North Leg	TOTAL	142	131	10%	10%	1,359
South Leg	Inbound	0	0			
South Leg	Outbound	0	0			
South Leg	TOTAL	0	0	#DIV/0!	#DIV/0!	#DIV/0!
East Leg	Inbound	791	1,381			
East Leg	Outbound	1,155	980			
East Leg	TOTAL	1,946	2,361	8%	9%	25,607
West Leg	Inbound	1,098	938			
West Leg	Outbound	754	1,330			
West Leg	TOTAL	1,852	2,268	8%	10%	23,571
OVERALL TOTAL		3,940	4,760	#DIV/0!	#DIV/0!	#DIV/0!

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Project: Yorba Linda Housing Element/SP
 Scenario: Horizon Year (2045) Without Project

Job #: 13763
 Analyst: MT
 Date: 3/31/22

LOCATION: Fairmont Bl. & Bastanchury Rd.
 FORECAST YEAR: 2045

INDIVIDUAL TURN VOLUME GROWTH REVIEW									
APPROACH	TURNING MOVEMENT	AM PEAK HOUR INPUT DATA				PM PEAK HOUR INPUT DATA			
		EXISTING COUNT	FUTURE VOLUME	DIFF-ERENCE	% CHANGE	EXISTING COUNT	FUTURE VOLUME	DIFF-ERENCE	% CHANGE
NORTH BOUND	Left	168	218	50	30%	120	149	29	24%
	Through	177	189	12	7%	109	139	30	28%
	Right	40	42	2	5%	37	42	5	14%
	NB Total	385	449	64	17%	266	330	64	24%
SOUTH BOUND	Left	38	39	1	3%	30	30	0	0%
	Through	239	260	21	9%	86	90	4	5%
	Right	225	281	56	25%	120	130	10	8%
	SB Total	502	580	78	16%	236	250	14	6%
EAST BOUND	Left	97	97	0	0%	155	172	17	11%
	Through	346	343	-3	-1%	429	426	-3	-1%
	Right	180	190	10	6%	202	212	10	5%
	EB Total	623	630	7	1%	786	810	24	3%
WEST BOUND	Left	112	104	-8	-7%	46	44	-2	-4%
	Through	448	479	31	7%	367	361	-6	-2%
	Right	19	17	-2	-11%	35	35	0	0%
	WB Total	579	600	21	4%	448	440	-8	-2%
TOTAL ENTERING VOLUME		2,089	2,259	170	8%	1,736	1,830	94	5%

FORECAST PEAK HOUR TO ADT COMPARISON						
		VOLUMES		PERCENT OF ADT		ADT
		AM	PM	AM	PM	
North Leg	Inbound	580	250			
North Leg	Outbound	303	346			
North Leg	TOTAL	883	596	14%	9%	6,447
South Leg	Inbound	449	330			
South Leg	Outbound	554	346			
South Leg	TOTAL	1,003	676	14%	9%	7,313
East Leg	Inbound	600	440			
East Leg	Outbound	424	498			
East Leg	TOTAL	1,024	938	10%	9%	10,027
West Leg	Inbound	630	810			
West Leg	Outbound	978	640			
West Leg	TOTAL	1,608	1,450	10%	9%	16,890
OVERALL TOTAL		4,518	3,660	11%	9%	40,676

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Project: Yorba Linda Housing Element/SP
 Scenario: Horizon Year (2045) Without Project

Job #: 13763
 Analyst: MT
 Date: 3/31/22

LOCATION: Fairmont Bl. & Yorba Linda Bl.
 FORECAST YEAR: 2045

INDIVIDUAL TURN VOLUME GROWTH REVIEW									
APPROACH	TURNING MOVEMENT	AM PEAK HOUR INPUT DATA				PM PEAK HOUR INPUT DATA			
		EXISTING COUNT	FUTURE VOLUME	DIFF-ERENCE	% CHANGE	EXISTING COUNT	FUTURE VOLUME	DIFF-ERENCE	% CHANGE
NORTH BOUND	Left	264	302	38	14%	171	238	67	39%
	Through	220	249	29	13%	10	26	16	160%
	Right	54	69	15	28%	47	97	50	106%
	NB Total	538	620	82	15%	228	361	133	58%
SOUTH BOUND	Left	105	113	8	8%	125	140	15	12%
	Through	222	270	48	22%	130	176	46	35%
	Right	286	277	-9	-3%	207	156	-51	-25%
	SB Total	613	660	47	8%	462	472	10	2%
EAST BOUND	Left	166	141	-25	-15%	214	252	38	18%
	Through	494	472	-22	-4%	984	924	-60	-6%
	Right	146	157	11	8%	196	222	26	13%
	EB Total	806	770	-36	-4%	1,394	1,398	4	0%
WEST BOUND	Left	100	127	27	27%	49	82	33	67%
	Through	743	750	7	1%	733	686	-47	-6%
	Right	93	93	0	0%	53	92	39	74%
	WB Total	936	970	34	4%	835	860	25	3%
TOTAL ENTERING VOLUME		2,893	3,020	127	4%	2,919	3,091	172	6%

FORECAST PEAK HOUR TO ADT COMPARISON						
		VOLUMES		PERCENT OF ADT		ADT
		AM	PM	AM	PM	
North Leg	Inbound	660	472			
North Leg	Outbound	483	370			
North Leg	TOTAL	1,143	842	12%	9%	9,332
South Leg	Inbound	620	361			
South Leg	Outbound	554	480			
South Leg	TOTAL	1,174	841	9%	6%	13,568
East Leg	Inbound	970	860			
East Leg	Outbound	654	1,161			
East Leg	TOTAL	1,624	2,021	7%	9%	21,958
West Leg	Inbound	770	1,398			
West Leg	Outbound	1,329	1,080			
West Leg	TOTAL	2,099	2,478	8%	10%	24,977
OVERALL TOTAL		6,040	6,182	9%	9%	69,834

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Project: Yorba Linda Housing Element/SP
 Scenario: Horizon Year (2045) Without Project

Job #: 13763
 Analyst: MT
 Date: 3/30/22

LOCATION: Weir Canyon Rd. & SR-91 WB Ramps
 FORECAST YEAR: 2045

INDIVIDUAL TURN VOLUME GROWTH REVIEW									
APPROACH	TURNING MOVEMENT	AM PEAK HOUR INPUT DATA				PM PEAK HOUR INPUT DATA			
		EXISTING COUNT	FUTURE VOLUME	DIFFERENCE	% CHANGE	EXISTING COUNT	FUTURE VOLUME	DIFFERENCE	% CHANGE
NORTH BOUND	Left	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	Through	1,384	1,423	39	3%	1,344	1,338	-6	0%
	Right	405	410	5	1%	340	343	3	1%
	NB Total	1,789	1,833	44	2%	1,684	1,681	-3	0%
SOUTH BOUND	Left	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	Through	1,186	1,134	-52	-4%	1,475	1,503	28	2%
	Right	325	300	-25	-8%	611	566	-45	-7%
	SB Total	1,511	1,434	-77	-5%	2,086	2,069	-17	-1%
EAST BOUND	Left	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	Through	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	Right	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	EB Total	0	0	0	#DIV/0!	0	0	0	#DIV/0!
WEST BOUND	Left	357	386	29	8%	523	629	106	20%
	Through	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	Right	534	537	3	1%	634	531	-103	-16%
	WB Total	891	923	32	4%	1,157	1,160	3	0%
TOTAL ENTERING VOLUME		4,191	4,190	-1	0%	4,927	4,910	-17	0%

FORECAST PEAK HOUR TO ADT COMPARISON						
		VOLUMES		PERCENT OF ADT		ADT
		AM	PM	AM	PM	
North Leg	Inbound	1,434	2,069			
North Leg	Outbound	1,960	1,869			
North Leg	TOTAL	3,394	3,938	8%	10%	40,858
South Leg	Inbound	1,833	1,681			
South Leg	Outbound	1,520	2,132			
South Leg	TOTAL	3,353	3,813	8%	10%	39,525
East Leg	Inbound	923	1,160			
East Leg	Outbound	410	343			
East Leg	TOTAL	1,333	1,503	8%	9%	16,567
West Leg	Inbound	0	0			
West Leg	Outbound	300	566			
West Leg	TOTAL	300	566	5%	10%	5,836
OVERALL TOTAL		8,380	9,820	8%	10%	102,786

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Project: Yorba Linda Housing Element/SP
 Scenario: Horizon Year (2045) Without Project

Job #: 13763
 Analyst: MT
 Date: 3/30/22

LOCATION: Weir Canyon Rd. & SR-91 EB Ramps
 FORECAST YEAR: 2045

INDIVIDUAL TURN VOLUME GROWTH REVIEW									
APPROACH	TURNING MOVEMENT	AM PEAK HOUR INPUT DATA				PM PEAK HOUR INPUT DATA			
		EXISTING COUNT	FUTURE VOLUME	DIFF-ERENCE	% CHANGE	EXISTING COUNT	FUTURE VOLUME	DIFF-ERENCE	% CHANGE
NORTH BOUND	Left	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	Through	1,081	1,173	92	9%	1,336	1,397	61	5%
	Right	478	420	-58	-12%	638	572	-66	-10%
	NB Total	1,559	1,593	34	2%	1,974	1,969	-5	0%
SOUTH BOUND	Left	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	Through	860	932	72	8%	1,717	1,950	233	14%
	Right	683	680	-3	0%	281	281	0	0%
	SB Total	1,543	1,612	69	4%	1,998	2,231	233	12%
EAST BOUND	Left	708	597	-111	-16%	348	300	-48	-14%
	Through	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	Right	560	508	-52	-9%	688	580	-108	-16%
	EB Total	1,268	1,105	-163	-13%	1,036	880	-156	-15%
WEST BOUND	Left	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	Through	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	Right	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	WB Total	0	0	0	#DIV/0!	0	0	0	#DIV/0!
TOTAL ENTERING VOLUME		4,370	4,310	-60	-1%	5,008	5,080	72	1%

FORECAST PEAK HOUR TO ADT COMPARISON						
		VOLUMES		PERCENT OF ADT		ADT
		AM	PM	AM	PM	
North Leg	Inbound	1,612	2,231			
North Leg	Outbound	1,770	1,697			
North Leg	TOTAL	3,382	3,928	9%	10%	39,622
South Leg	Inbound	1,593	1,969			
South Leg	Outbound	1,440	2,530			
South Leg	TOTAL	3,033	4,499	6%	9%	47,929
East Leg	Inbound	0	0			
East Leg	Outbound	420	572			
East Leg	TOTAL	420	572	7%	10%	5,990
West Leg	Inbound	1,105	880			
West Leg	Outbound	680	281			
West Leg	TOTAL	1,785	1,161	15%	10%	11,653
OVERALL TOTAL		8,620	10,160	8%	10%	105,195

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Project: Yorba Linda Housing Element/SP
 Scenario: Horizon Year (2045) Without Project

Job #: 13763
 Analyst: MT
 Date: 3/31/22

LOCATION: Gypsum Canyon Rd. & La Palma Av.
 FORECAST YEAR: 2045

INDIVIDUAL TURN VOLUME GROWTH REVIEW									
APPROACH	TURNING MOVEMENT	AM PEAK HOUR INPUT DATA				PM PEAK HOUR INPUT DATA			
		EXISTING COUNT	FUTURE VOLUME	DIFF-ERENCE	% CHANGE	EXISTING COUNT	FUTURE VOLUME	DIFF-ERENCE	% CHANGE
NORTH BOUND	Left	194	286	92	47%	72	283	211	293%
	Through	6	27	21	350%	4	34	30	750%
	Right	123	253	130	106%	64	471	407	636%
	NB Total	323	566	243	75%	140	788	648	463%
SOUTH BOUND	Left	7	1	-6	-86%	2	1	-1	-50%
	Through	13	39	26	200%	8	19	11	138%
	Right	17	1	-16	-94%	5	1	-4	-80%
	SB Total	37	41	4	11%	15	21	6	40%
EAST BOUND	Left	15	1	-14	-93%	26	3	-23	-88%
	Through	136	75	-61	-45%	443	423	-20	-5%
	Right	174	266	92	53%	866	915	49	6%
	EB Total	325	342	17	5%	1,335	1,341	6	0%
WEST BOUND	Left	339	635	296	87%	137	359	222	162%
	Through	283	203	-80	-28%	178	100	-78	-44%
	Right	7	2	-5	-71%	4	1	-3	-75%
	WB Total	629	840	211	34%	319	460	141	44%
TOTAL ENTERING VOLUME		1,314	1,789	475	36%	1,809	2,610	801	44%

FORECAST PEAK HOUR TO ADT COMPARISON						
		VOLUMES		PERCENT OF ADT		ADT
		AM	PM	AM	PM	
North Leg	Inbound	41	21			
North Leg	Outbound	30	38			
North Leg	TOTAL	71	59	#DIV/0!	#DIV/0!	-
South Leg	Inbound	566	788			
South Leg	Outbound	940	1,293			
South Leg	TOTAL	1,506	2,081	7%	9%	22,623
East Leg	Inbound	840	460			
East Leg	Outbound	329	895			
East Leg	TOTAL	1,169	1,355	8%	9%	15,541
West Leg	Inbound	342	1,341			
West Leg	Outbound	490	384			
West Leg	TOTAL	832	1,725	9%	19%	8,918
OVERALL TOTAL		3,578	5,220	8%	11%	47,082

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**APPENDIX 5.2: POST PROCESSING WORKSHEETS FOR HORIZON YEAR
(2045) WITH PROJECT**

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Project: Yorba Linda Housing Element/SP
 Scenario: Horizon Year (2045) With Project

Job #: 13763
 Analyst: MT
 Date: 3/31/22

LOCATION: Rose Dr. & Imperial Hwy.
 FORECAST YEAR: 2045

INDIVIDUAL TURN VOLUME GROWTH REVIEW									
APPROACH	TURNING MOVEMENT	AM PEAK HOUR INPUT DATA				PM PEAK HOUR INPUT DATA			
		EXISTING COUNT	FUTURE VOLUME	DIFF-ERENCE	% CHANGE	EXISTING COUNT	FUTURE VOLUME	DIFF-ERENCE	% CHANGE
NORTH BOUND	Left	117	128	11	9%	197	238	41	21%
	Through	156	233	77	49%	365	444	79	22%
	Right	141	154	13	9%	86	109	23	27%
	NB Total	414	515	101	24%	648	791	143	22%
SOUTH BOUND	Left	650	768	118	18%	816	902	86	11%
	Through	393	470	77	20%	310	345	35	11%
	Right	26	31	5	19%	25	26	1	4%
	SB Total	1,069	1,269	200	19%	1,151	1,273	122	11%
EAST BOUND	Left	28	39	11	39%	42	42	0	0%
	Through	979	989	10	1%	1,250	1,299	49	4%
	Right	147	150	3	2%	42	44	2	5%
	EB Total	1,154	1,178	24	2%	1,334	1,385	51	4%
WEST BOUND	Left	193	199	6	3%	146	171	25	17%
	Through	991	1,011	20	2%	875	966	91	10%
	Right	400	558	158	40%	652	725	73	11%
	WB Total	1,584	1,768	184	12%	1,673	1,862	189	11%
TOTAL ENTERING VOLUME		4,221	4,730	509	12%	4,806	5,311	505	11%

FORECAST PEAK HOUR TO ADT COMPARISON						
		VOLUMES		PERCENT OF ADT		ADT
		AM	PM	AM	PM	
North Leg	Inbound	1,269	1,273			
North Leg	Outbound	830	1,211			
North Leg	TOTAL	2,099	2,484	6%	7%	33,344
South Leg	Inbound	515	791			
South Leg	Outbound	819	560			
South Leg	TOTAL	1,334	1,351	9%	9%	15,521
East Leg	Inbound	1,768	1,862			
East Leg	Outbound	1,911	2,310			
East Leg	TOTAL	3,679	4,172	8%	9%	48,422
West Leg	Inbound	1,178	1,385			
West Leg	Outbound	1,170	1,230			
West Leg	TOTAL	2,348	2,615	8%	9%	29,703
OVERALL TOTAL		9,460	10,622	7%	8%	126,990

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Project: Yorba Linda Housing Element/SP
 Scenario: Horizon Year (2045) With Project

Job #: 13763
 Analyst: MT
 Date: 3/31/22

LOCATION: Imperial Hwy. & Bastanchury Rd.
 FORECAST YEAR: 2045

INDIVIDUAL TURN VOLUME GROWTH REVIEW									
APPROACH	TURNING MOVEMENT	AM PEAK HOUR INPUT DATA				PM PEAK HOUR INPUT DATA			
		EXISTING COUNT	FUTURE VOLUME	DIFF-ERENCE	% CHANGE	EXISTING COUNT	FUTURE VOLUME	DIFF-ERENCE	% CHANGE
NORTH BOUND	Left	305	313	8	3%	249	287	38	15%
	Through	1,313	1,306	-7	-1%	1,210	1,327	117	10%
	Right	3	4	1	33%	12	17	5	42%
	NB Total	1,621	1,623	2	0%	1,471	1,631	160	11%
SOUTH BOUND	Left	220	249	29	13%	496	630	134	27%
	Through	1,291	1,401	110	9%	1,494	1,477	-17	-1%
	Right	3	3	0	0%	3	3	0	0%
	SB Total	1,514	1,653	139	9%	1,993	2,110	117	6%
EAST BOUND	Left	18	16	-2	-11%	18	19	1	6%
	Through	349	399	50	14%	415	553	138	33%
	Right	296	324	28	9%	369	383	14	4%
	EB Total	663	739	76	11%	802	955	153	19%
WEST BOUND	Left	1	2	1	100%	9	10	1	11%
	Through	524	728	204	39%	292	350	58	20%
	Right	478	645	167	35%	354	405	51	14%
	WB Total	1,003	1,375	372	37%	655	765	110	17%
TOTAL ENTERING VOLUME		4,801	5,390	589	12%	4,921	5,461	540	11%

FORECAST PEAK HOUR TO ADT COMPARISON						
		VOLUMES		PERCENT OF ADT		ADT
		AM	PM	AM	PM	
North Leg	Inbound	1,653	2,110			
North Leg	Outbound	1,967	1,751			
North Leg	TOTAL	3,620	3,861	8%	9%	44,972
South Leg	Inbound	1,623	1,631			
South Leg	Outbound	1,727	1,870			
South Leg	TOTAL	3,350	3,501	8%	9%	40,349
East Leg	Inbound	1,375	765			
East Leg	Outbound	652	1,200			
East Leg	TOTAL	2,027	1,965	8%	8%	24,353
West Leg	Inbound	739	955			
West Leg	Outbound	1,044	640			
West Leg	TOTAL	1,783	1,595	8%	8%	21,093
OVERALL TOTAL		10,780	10,922	8%	8%	130,768

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Project: Yorba Linda Housing Element/SP
 Scenario: Horizon Year (2045) With Project

Job #: 13763
 Analyst: MT
 Date: 4/1/22

LOCATION: Imperial Hwy. & Yorba Linda Bl.
 FORECAST YEAR: 2045

INDIVIDUAL TURN VOLUME GROWTH REVIEW									
APPROACH	TURNING MOVEMENT	AM PEAK HOUR INPUT DATA				PM PEAK HOUR INPUT DATA			
		EXISTING COUNT	FUTURE VOLUME	DIFF-ERENCE	% CHANGE	EXISTING COUNT	FUTURE VOLUME	DIFF-ERENCE	% CHANGE
NORTH BOUND	Left	318	365	47	15%	301	361	60	20%
	Through	926	1,015	89	10%	915	1,103	188	21%
	Right	198	217	19	10%	211	214	3	1%
	NB Total	1,442	1,597	155	11%	1,427	1,678	251	18%
SOUTH BOUND	Left	336	337	1	0%	586	525	-61	-10%
	Through	1,018	1,187	169	17%	1,025	1,110	85	8%
	Right	37	39	2	5%	67	71	4	6%
	SB Total	1,391	1,563	172	12%	1,678	1,706	28	2%
EAST BOUND	Left	26	27	1	4%	90	100	10	11%
	Through	326	340	14	4%	565	530	-35	-6%
	Right	316	384	68	22%	313	355	42	13%
	EB Total	668	751	83	12%	968	985	17	2%
WEST BOUND	Left	200	208	8	4%	158	165	7	4%
	Through	525	490	-35	-7%	555	568	13	2%
	Right	438	391	-47	-11%	445	457	12	3%
	WB Total	1,163	1,089	-74	-6%	1,158	1,190	32	3%
TOTAL ENTERING VOLUME		4,664	5,000	336	7%	5,231	5,559	328	6%

FORECAST PEAK HOUR TO ADT COMPARISON						
		VOLUMES		PERCENT OF ADT		ADT
		AM	PM	AM	PM	
North Leg	Inbound	1,563	1,706			
North Leg	Outbound	1,433	1,660			
North Leg	TOTAL	2,996	3,366	8%	9%	37,912
South Leg	Inbound	1,597	1,678			
South Leg	Outbound	1,779	1,630			
South Leg	TOTAL	3,376	3,308	9%	9%	37,558
East Leg	Inbound	1,089	1,190			
East Leg	Outbound	894	1,269			
East Leg	TOTAL	1,983	2,459	8%	10%	25,192
West Leg	Inbound	751	985			
West Leg	Outbound	894	1,000			
West Leg	TOTAL	1,645	1,985	8%	10%	20,643
OVERALL TOTAL		10,000	11,118	8%	9%	121,305

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Project: Yorba Linda Housing Element/SP
 Scenario: Horizon Year (2045) With Project

Job #: 13763
 Analyst: MT
 Date: 3/31/22

LOCATION: Lakeview Av. & Buena Vista Av.
 FORECAST YEAR: 2045

INDIVIDUAL TURN VOLUME GROWTH REVIEW									
APPROACH	TURNING MOVEMENT	AM PEAK HOUR INPUT DATA				PM PEAK HOUR INPUT DATA			
		EXISTING COUNT	FUTURE VOLUME	DIFF-ERENCE	% CHANGE	EXISTING COUNT	FUTURE VOLUME	DIFF-ERENCE	% CHANGE
NORTH BOUND	Left	52	58	6	12%	91	96	5	5%
	Through	295	318	23	8%	453	593	140	31%
	Right	56	45	-11	-20%	56	36	-20	-36%
	NB Total	403	421	18	4%	600	725	125	21%
SOUTH BOUND	Left	48	73	25	52%	35	29	-6	-17%
	Through	582	761	179	31%	394	457	63	16%
	Right	101	214	113	112%	135	182	47	35%
	SB Total	731	1,048	317	43%	564	668	104	18%
EAST BOUND	Left	139	201	62	45%	223	340	117	52%
	Through	113	122	9	8%	88	66	-22	-25%
	Right	73	68	-5	-7%	67	71	4	6%
	EB Total	325	391	66	20%	378	477	99	26%
WEST BOUND	Left	88	48	-40	-45%	34	32	-2	-6%
	Through	127	111	-16	-13%	46	51	5	11%
	Right	72	61	-11	-15%	49	67	18	37%
	WB Total	287	220	-67	-23%	129	150	21	16%
TOTAL ENTERING VOLUME		1,746	2,080	334	19%	1,671	2,020	349	21%

FORECAST PEAK HOUR TO ADT COMPARISON						
		VOLUMES		PERCENT OF ADT		ADT
		AM	PM	AM	PM	
North Leg	Inbound	1,048	668			
North Leg	Outbound	580	1,000			
North Leg	TOTAL	1,628	1,668	9%	10%	17,399
South Leg	Inbound	421	725			
South Leg	Outbound	877	560			
South Leg	TOTAL	1,298	1,285	10%	10%	13,399
East Leg	Inbound	220	150			
East Leg	Outbound	240	131			
East Leg	TOTAL	460	281	20%	12%	2,294
West Leg	Inbound	391	477			
West Leg	Outbound	383	329			
West Leg	TOTAL	774	806	8%	8%	9,997
OVERALL TOTAL		4,160	4,040	10%	9%	43,089

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Project: Yorba Linda Housing Element/SP
 Scenario: Horizon Year (2045) With Project

Job #: 13763
 Analyst: MT
 Date: 3/31/22

LOCATION: Kellogg Dr. & SR-90 SB Ramps
 FORECAST YEAR: 2045

INDIVIDUAL TURN VOLUME GROWTH REVIEW									
APPROACH	TURNING MOVEMENT	AM PEAK HOUR INPUT DATA				PM PEAK HOUR INPUT DATA			
		EXISTING COUNT	FUTURE VOLUME	DIFF-ERENCE	% CHANGE	EXISTING COUNT	FUTURE VOLUME	DIFF-ERENCE	% CHANGE
NORTH BOUND	Left	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	Through	435	445	10	2%	409	458	49	12%
	Right	144	158	14	10%	102	97	-5	-5%
	NB Total	579	603	24	4%	511	555	44	9%
SOUTH BOUND	Left	280	459	179	64%	243	242	-1	0%
	Through	465	489	24	5%	268	261	-7	-3%
	Right	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	SB Total	745	948	203	27%	511	503	-8	-2%
EAST BOUND	Left	18	26	8	44%	73	92	19	26%
	Through	0	0	0	#DIV/0!	1	1	0	0%
	Right	267	263	-4	-1%	153	159	6	4%
	EB Total	285	289	4	1%	227	252	25	11%
WEST BOUND	Left	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	Through	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	Right	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	WB Total	0	0	0	#DIV/0!	0	0	0	#DIV/0!
TOTAL ENTERING VOLUME		1,609	1,840	231	14%	1,249	1,310	61	5%

FORECAST PEAK HOUR TO ADT COMPARISON						
		VOLUMES		PERCENT OF ADT		ADT
		AM	PM	AM	PM	
North Leg	Inbound	948	503			
North Leg	Outbound	471	550			
North Leg	TOTAL	1,419	1,053	13%	10%	10,734
South Leg	Inbound	603	555			
South Leg	Outbound	752	420			
South Leg	TOTAL	1,355	975	14%	10%	9,994
East Leg	Inbound	0	0			
East Leg	Outbound	617	340			
East Leg	TOTAL	617	340	17%	9%	3,659
West Leg	Inbound	289	252			
West Leg	Outbound	0	0			
West Leg	TOTAL	289	252	12%	10%	2,450
OVERALL TOTAL		3,680	2,620	14%	10%	26,837

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Project: Yorba Linda Housing Element/SP
 Scenario: Horizon Year (2045) With Project

Job #: 13763
 Analyst: MT
 Date: 3/31/22

LOCATION: SR-90 NB Ramps & Kellogg Dr.
 FORECAST YEAR: 2045

INDIVIDUAL TURN VOLUME GROWTH REVIEW									
APPROACH	TURNING MOVEMENT	AM PEAK HOUR INPUT DATA				PM PEAK HOUR INPUT DATA			
		EXISTING COUNT	FUTURE VOLUME	DIFFERENCE	% CHANGE	EXISTING COUNT	FUTURE VOLUME	DIFFERENCE	% CHANGE
NORTH BOUND	Left	159	157	-2	-1%	151	134	-17	-11%
	Through	294	307	13	4%	331	441	110	33%
	Right	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	NB Total	453	464	11	2%	482	575	93	19%
SOUTH BOUND	Left	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	Through	618	852	234	38%	407	410	3	1%
	Right	73	113	40	55%	46	45	-1	-2%
	SB Total	691	965	274	40%	453	455	2	0%
EAST BOUND	Left	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	Through	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	Right	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	EB Total	0	0	0	#DIV/0!	0	0	0	#DIV/0!
WEST BOUND	Left	127	98	-29	-23%	104	90	-14	-13%
	Through	0	0	0	#DIV/0!	1	1	0	0%
	Right	286	263	-23	-8%	308	389	81	26%
	WB Total	413	361	-52	-13%	413	480	67	16%
TOTAL ENTERING VOLUME		1,557	1,790	233	15%	1,348	1,510	162	12%

FORECAST PEAK HOUR TO ADT COMPARISON						
		VOLUMES		PERCENT OF ADT		ADT
		AM	PM	AM	PM	
North Leg	Inbound	965	455			
North Leg	Outbound	570	830			
North Leg	TOTAL	1,535	1,285	13%	11%	11,619
South Leg	Inbound	464	575			
South Leg	Outbound	950	500			
South Leg	TOTAL	1,414	1,075	13%	10%	10,734
East Leg	Inbound	361	480			
East Leg	Outbound	0	0			
East Leg	TOTAL	361	480	10%	13%	3,559
West Leg	Inbound	0	0			
West Leg	Outbound	270	180			
West Leg	TOTAL	270	180	15%	10%	1,842
OVERALL TOTAL		3,580	3,020	13%	11%	27,755

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Project: Yorba Linda Housing Element/SP
 Scenario: Horizon Year (2045) With Project

Job #: 13763
 Analyst: MT
 Date: 3/31/22

LOCATION: Lakeview Av. & Bastanchury Rd.
 FORECAST YEAR: 2045

INDIVIDUAL TURN VOLUME GROWTH REVIEW									
APPROACH	TURNING MOVEMENT	AM PEAK HOUR INPUT DATA				PM PEAK HOUR INPUT DATA			
		EXISTING COUNT	FUTURE VOLUME	DIFF-ERENCE	% CHANGE	EXISTING COUNT	FUTURE VOLUME	DIFF-ERENCE	% CHANGE
NORTH BOUND	Left	120	140	20	17%	90	108	18	20%
	Through	59	56	-3	-5%	131	133	2	2%
	Right	191	184	-7	-4%	230	243	13	6%
	NB Total	370	380	10	3%	451	484	33	7%
SOUTH BOUND	Left	108	102	-6	-6%	66	62	-4	-6%
	Through	133	131	-2	-2%	91	88	-3	-3%
	Right	59	67	8	14%	20	21	1	5%
	SB Total	300	300	0	0%	177	171	-6	-3%
EAST BOUND	Left	31	33	2	6%	38	42	4	11%
	Through	488	524	36	7%	619	715	96	16%
	Right	144	162	18	13%	127	151	24	19%
	EB Total	663	719	56	8%	784	908	124	16%
WEST BOUND	Left	224	246	22	10%	144	142	-2	-1%
	Through	722	913	191	26%	480	521	41	9%
	Right	99	102	3	3%	81	75	-6	-7%
	WB Total	1,045	1,261	216	21%	705	738	33	5%
TOTAL ENTERING VOLUME		2,378	2,660	282	12%	2,117	2,301	184	9%

FORECAST PEAK HOUR TO ADT COMPARISON						
		VOLUMES		PERCENT OF ADT		ADT
		AM	PM	AM	PM	
North Leg	Inbound	300	171			
North Leg	Outbound	191	250			
North Leg	TOTAL	491	421	11%	10%	4,309
South Leg	Inbound	380	484			
South Leg	Outbound	539	381			
South Leg	TOTAL	919	865	9%	8%	10,343
East Leg	Inbound	1,261	738			
East Leg	Outbound	810	1,020			
East Leg	TOTAL	2,071	1,758	10%	9%	20,462
West Leg	Inbound	719	908			
West Leg	Outbound	1,120	650			
West Leg	TOTAL	1,839	1,558	9%	8%	19,507
OVERALL TOTAL		5,320	4,602	10%	8%	54,621

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Project: Yorba Linda Housing Element/SP
 Scenario: Horizon Year (2045) With Project

Job #: 13763
 Analyst: MT
 Date: 4/1/22

LOCATION: Lakeview Av. & Yorba Linda Bl.
 FORECAST YEAR: 2045

INDIVIDUAL TURN VOLUME GROWTH REVIEW									
APPROACH	TURNING MOVEMENT	AM PEAK HOUR INPUT DATA				PM PEAK HOUR INPUT DATA			
		EXISTING COUNT	FUTURE VOLUME	DIFF-ERENCE	% CHANGE	EXISTING COUNT	FUTURE VOLUME	DIFF-ERENCE	% CHANGE
NORTH BOUND	Left	135	139	4	3%	187	238	51	27%
	Through	178	217	39	22%	284	423	139	49%
	Right	196	211	15	8%	265	339	74	28%
	NB Total	509	567	58	11%	736	1,000	264	36%
SOUTH BOUND	Left	91	95	4	4%	183	202	19	10%
	Through	284	419	135	48%	271	330	59	22%
	Right	105	105	0	0%	143	157	14	10%
	SB Total	480	619	139	29%	597	689	92	15%
EAST BOUND	Left	142	157	15	11%	171	180	9	5%
	Through	672	654	-18	-3%	1,073	973	-100	-9%
	Right	196	270	74	38%	107	107	0	0%
	EB Total	1,010	1,081	71	7%	1,351	1,260	-91	-7%
WEST BOUND	Left	318	431	113	36%	175	191	16	9%
	Through	888	816	-72	-8%	867	852	-15	-2%
	Right	89	97	8	9%	84	97	13	15%
	WB Total	1,295	1,344	49	4%	1,126	1,140	14	1%
TOTAL ENTERING VOLUME		3,294	3,611	317	10%	3,810	4,089	279	7%

FORECAST PEAK HOUR TO ADT COMPARISON						
		VOLUMES		PERCENT OF ADT		ADT
		AM	PM	AM	PM	
North Leg	Inbound	619	689			
North Leg	Outbound	471	700			
North Leg	TOTAL	1,090	1,389	7%	9%	15,799
South Leg	Inbound	567	1,000			
South Leg	Outbound	1,120	628			
South Leg	TOTAL	1,687	1,628	10%	9%	17,493
East Leg	Inbound	1,344	1,140			
East Leg	Outbound	960	1,514			
East Leg	TOTAL	2,304	2,654	8%	10%	27,577
West Leg	Inbound	1,081	1,260			
West Leg	Outbound	1,060	1,247			
West Leg	TOTAL	2,141	2,507	8%	10%	25,472
OVERALL TOTAL		7,222	8,178	8%	9%	86,341

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Project: Yorba Linda Housing Element/SP
 Scenario: Horizon Year (2045) With Project

Job #: 13763
 Analyst: MT
 Date: 3/31/22

LOCATION: Ohio St. & Yorba Linda Bl.
 FORECAST YEAR: 2045

INDIVIDUAL TURN VOLUME GROWTH REVIEW									
APPROACH	TURNING MOVEMENT	AM PEAK HOUR INPUT DATA				PM PEAK HOUR INPUT DATA			
		EXISTING COUNT	FUTURE VOLUME	DIFFERENCE	% CHANGE	EXISTING COUNT	FUTURE VOLUME	DIFFERENCE	% CHANGE
NORTH BOUND	Left	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	Through	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	Right	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	NB Total	0	0	0	#DIV/0!	0	0	0	#DIV/0!
SOUTH BOUND	Left	70	67	-3	-4%	47	48	1	2%
	Through	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	Right	20	14	-6	-30%	15	13	-2	-13%
	SB Total	90	81	-9	-10%	62	61	-1	-2%
EAST BOUND	Left	20	15	-5	-25%	13	11	-2	-15%
	Through	1,066	1,073	7	1%	951	932	-19	-2%
	Right	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	EB Total	1,086	1,088	2	0%	964	943	-21	-2%
WEST BOUND	Left	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	Through	726	736	10	1%	1,331	1,327	-4	0%
	Right	50	55	5	10%	70	69	-1	-1%
	WB Total	776	791	15	2%	1,401	1,396	-5	0%
TOTAL ENTERING VOLUME		1,952	1,960	8	0%	2,427	2,400	-27	-1%

FORECAST PEAK HOUR TO ADT COMPARISON						
		VOLUMES		PERCENT OF ADT		ADT
		AM	PM	AM	PM	
North Leg	Inbound	81	61			
North Leg	Outbound	70	80			
North Leg	TOTAL	151	141	10%	10%	1,481
South Leg	Inbound	0	0			
South Leg	Outbound	0	0			
South Leg	TOTAL	0	0	#DIV/0!	#DIV/0!	#DIV/0!
East Leg	Inbound	791	1,396			
East Leg	Outbound	1,140	980			
East Leg	TOTAL	1,931	2,376	8%	9%	25,659
West Leg	Inbound	1,088	943			
West Leg	Outbound	750	1,340			
West Leg	TOTAL	1,838	2,283	8%	9%	24,128
OVERALL TOTAL		3,920	4,800	#DIV/0!	#DIV/0!	#DIV/0!

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Project: Yorba Linda Housing Element/SP
 Scenario: Horizon Year (2045) With Project

Job #: 13763
 Analyst: MT
 Date: 3/31/22

LOCATION: Fairmont Bl. & Bastanchury Rd.
 FORECAST YEAR: 2045

INDIVIDUAL TURN VOLUME GROWTH REVIEW									
APPROACH	TURNING MOVEMENT	AM PEAK HOUR INPUT DATA				PM PEAK HOUR INPUT DATA			
		EXISTING COUNT	FUTURE VOLUME	DIFF-ERENCE	% CHANGE	EXISTING COUNT	FUTURE VOLUME	DIFF-ERENCE	% CHANGE
NORTH BOUND	Left	168	212	44	26%	120	150	30	25%
	Through	177	186	9	5%	109	140	31	28%
	Right	40	41	1	3%	37	41	4	11%
	NB Total	385	439	54	14%	266	331	65	24%
SOUTH BOUND	Left	38	40	2	5%	30	29	-1	-3%
	Through	239	279	40	17%	86	89	3	3%
	Right	225	291	66	29%	120	132	12	10%
	SB Total	502	610	108	22%	236	250	14	6%
EAST BOUND	Left	97	97	0	0%	155	182	27	17%
	Through	346	339	-7	-2%	429	431	2	0%
	Right	180	194	14	8%	202	216	14	7%
	EB Total	623	630	7	1%	786	829	43	5%
WEST BOUND	Left	112	107	-5	-4%	46	43	-3	-7%
	Through	448	476	28	6%	367	362	-5	-1%
	Right	19	17	-2	-11%	35	36	1	3%
	WB Total	579	600	21	4%	448	441	-7	-2%
TOTAL ENTERING VOLUME		2,089	2,279	190	9%	1,736	1,851	115	7%

FORECAST PEAK HOUR TO ADT COMPARISON						
		VOLUMES		PERCENT OF ADT		ADT
		AM	PM	AM	PM	
North Leg	Inbound	610	250			
North Leg	Outbound	300	358			
North Leg	TOTAL	910	608	14%	9%	6,617
South Leg	Inbound	439	331			
South Leg	Outbound	580	348			
South Leg	TOTAL	1,019	679	14%	9%	7,397
East Leg	Inbound	600	441			
East Leg	Outbound	420	501			
East Leg	TOTAL	1,020	942	10%	9%	10,015
West Leg	Inbound	630	829			
West Leg	Outbound	979	644			
West Leg	TOTAL	1,609	1,473	9%	8%	17,437
OVERALL TOTAL		4,558	3,702	11%	9%	41,466

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Project: Yorba Linda Housing Element/SP
 Scenario: Horizon Year (2045) With Project

Job #: 13763
 Analyst: MT
 Date: 3/30/22

LOCATION: Fairmont Bl. & Yorba Linda Bl.
 FORECAST YEAR: 2045

INDIVIDUAL TURN VOLUME GROWTH REVIEW									
APPROACH	TURNING MOVEMENT	AM PEAK HOUR INPUT DATA				PM PEAK HOUR INPUT DATA			
		EXISTING COUNT	FUTURE VOLUME	DIFF-ERENCE	% CHANGE	EXISTING COUNT	FUTURE VOLUME	DIFF-ERENCE	% CHANGE
NORTH BOUND	Left	264	297	33	13%	171	239	68	40%
	Through	220	246	26	12%	10	27	17	170%
	Right	54	67	13	24%	47	94	47	100%
	NB Total	538	610	72	13%	228	360	132	58%
SOUTH BOUND	Left	105	115	10	10%	125	138	13	10%
	Through	222	281	59	27%	130	174	44	34%
	Right	286	284	-2	-1%	207	159	-48	-23%
	SB Total	613	680	67	11%	462	471	9	2%
EAST BOUND	Left	166	143	-23	-14%	214	275	61	29%
	Through	494	475	-19	-4%	984	928	-56	-6%
	Right	146	162	16	11%	196	225	29	15%
	EB Total	806	780	-26	-3%	1,394	1,428	34	2%
WEST BOUND	Left	100	132	32	32%	49	81	32	65%
	Through	743	772	29	4%	733	692	-41	-6%
	Right	93	96	3	3%	53	98	45	85%
	WB Total	936	1,000	64	7%	835	871	36	4%
TOTAL ENTERING VOLUME		2,893	3,070	177	6%	2,919	3,130	211	7%

FORECAST PEAK HOUR TO ADT COMPARISON						
		VOLUMES		PERCENT OF ADT		ADT
		AM	PM	AM	PM	
North Leg	Inbound	680	471			
North Leg	Outbound	485	400			
North Leg	TOTAL	1,165	871	12%	9%	9,706
South Leg	Inbound	610	360			
South Leg	Outbound	575	480			
South Leg	TOTAL	1,185	840	9%	6%	13,794
East Leg	Inbound	1,000	871			
East Leg	Outbound	657	1,160			
East Leg	TOTAL	1,657	2,031	7%	9%	22,221
West Leg	Inbound	780	1,428			
West Leg	Outbound	1,353	1,090			
West Leg	TOTAL	2,133	2,518	8%	10%	25,815
OVERALL TOTAL		6,140	6,260	9%	9%	71,536

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Project: Yorba Linda Housing Element/SP
 Scenario: Horizon Year (2045) With Project

Job #: 13763
 Analyst: MT
 Date: 3/31/22

LOCATION: Weir Canyon Rd. & SR-91 WB Ramps
 FORECAST YEAR: 2045

INDIVIDUAL TURN VOLUME GROWTH REVIEW									
APPROACH	TURNING MOVEMENT	AM PEAK HOUR INPUT DATA				PM PEAK HOUR INPUT DATA			
		EXISTING COUNT	FUTURE VOLUME	DIFFERENCE	% CHANGE	EXISTING COUNT	FUTURE VOLUME	DIFFERENCE	% CHANGE
NORTH BOUND	Left	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	Through	1,384	1,412	28	2%	1,344	1,390	46	3%
	Right	405	410	5	1%	340	341	1	0%
	NB Total	1,789	1,822	33	2%	1,684	1,731	47	3%
SOUTH BOUND	Left	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	Through	1,186	1,172	-14	-1%	1,475	1,506	31	2%
	Right	325	310	-15	-5%	611	582	-29	-5%
	SB Total	1,511	1,482	-29	-2%	2,086	2,088	2	0%
EAST BOUND	Left	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	Through	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	Right	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	EB Total	0	0	0	#DIV/0!	0	0	0	#DIV/0!
WEST BOUND	Left	357	368	11	3%	523	622	99	19%
	Through	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	Right	534	568	34	6%	634	538	-96	-15%
	WB Total	891	936	45	5%	1,157	1,160	3	0%
TOTAL ENTERING VOLUME		4,191	4,240	49	1%	4,927	4,979	52	1%

FORECAST PEAK HOUR TO ADT COMPARISON						
		VOLUMES		PERCENT OF ADT		ADT
		AM	PM	AM	PM	
North Leg	Inbound	1,482	2,088			
North Leg	Outbound	1,980	1,928			
North Leg	TOTAL	3,462	4,016	8%	9%	42,458
South Leg	Inbound	1,822	1,731			
South Leg	Outbound	1,540	2,128			
South Leg	TOTAL	3,362	3,859	8%	10%	40,384
East Leg	Inbound	936	1,160			
East Leg	Outbound	410	341			
East Leg	TOTAL	1,346	1,501	8%	9%	16,844
West Leg	Inbound	0	0			
West Leg	Outbound	310	582			
West Leg	TOTAL	310	582	5%	9%	6,254
OVERALL TOTAL		8,480	9,958	8%	9%	105,939

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Project: Yorba Linda Housing Element/SP
 Scenario: Horizon Year (2045) With Project

Job #: 13763
 Analyst: MT
 Date: 3/31/22

LOCATION: Weir Canyon Rd. & SR-91 EB Ramps
 FORECAST YEAR: 2045

INDIVIDUAL TURN VOLUME GROWTH REVIEW									
APPROACH	TURNING MOVEMENT	AM PEAK HOUR INPUT DATA				PM PEAK HOUR INPUT DATA			
		EXISTING COUNT	FUTURE VOLUME	DIFF-ERENCE	% CHANGE	EXISTING COUNT	FUTURE VOLUME	DIFF-ERENCE	% CHANGE
NORTH BOUND	Left	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	Through	1,081	1,161	80	7%	1,336	1,403	67	5%
	Right	478	440	-38	-8%	638	580	-58	-9%
	NB Total	1,559	1,601	42	3%	1,974	1,983	9	0%
SOUTH BOUND	Left	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	Through	860	961	101	12%	1,717	1,948	231	13%
	Right	683	680	-3	0%	281	280	-1	0%
	SB Total	1,543	1,641	98	6%	1,998	2,228	230	12%
EAST BOUND	Left	708	629	-79	-11%	348	337	-11	-3%
	Through	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	Right	560	499	-61	-11%	688	562	-126	-18%
	EB Total	1,268	1,128	-140	-11%	1,036	899	-137	-13%
WEST BOUND	Left	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	Through	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	Right	0	0	0	#DIV/0!	0	0	0	#DIV/0!
	WB Total	0	0	0	#DIV/0!	0	0	0	#DIV/0!
TOTAL ENTERING VOLUME		4,370	4,370	0	0%	5,008	5,110	102	2%

FORECAST PEAK HOUR TO ADT COMPARISON						
		VOLUMES		PERCENT OF ADT		ADT
		AM	PM	AM	PM	
North Leg	Inbound	1,641	2,228			
North Leg	Outbound	1,790	1,740			
North Leg	TOTAL	3,431	3,968	9%	10%	40,262
South Leg	Inbound	1,601	1,983			
South Leg	Outbound	1,460	2,510			
South Leg	TOTAL	3,061	4,493	6%	9%	48,299
East Leg	Inbound	0	0			
East Leg	Outbound	440	580			
East Leg	TOTAL	440	580	7%	9%	6,159
West Leg	Inbound	1,128	899			
West Leg	Outbound	680	280			
West Leg	TOTAL	1,808	1,179	15%	10%	11,949
OVERALL TOTAL		8,740	10,220	8%	10%	106,669

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Project: Yorba Linda Housing Element/SP
 Scenario: Horizon Year (2045) With Project

Job #: 13763
 Analyst: MT
 Date: 3/31/22

LOCATION: Gypsum Canyon Rd. & La Palma Av.
 FORECAST YEAR: 2045

INDIVIDUAL TURN VOLUME GROWTH REVIEW									
APPROACH	TURNING MOVEMENT	AM PEAK HOUR INPUT DATA				PM PEAK HOUR INPUT DATA			
		EXISTING COUNT	FUTURE VOLUME	DIFF-ERENCE	% CHANGE	EXISTING COUNT	FUTURE VOLUME	DIFF-ERENCE	% CHANGE
NORTH BOUND	Left	194	272	78	40%	72	279	207	288%
	Through	6	27	21	350%	4	34	30	750%
	Right	123	273	150	122%	64	576	512	800%
	NB Total	323	572	249	77%	140	889	749	535%
SOUTH BOUND	Left	7	1	-6	-86%	2	1	-1	-50%
	Through	13	39	26	200%	8	18	10	125%
	Right	17	1	-16	-94%	5	1	-4	-80%
	SB Total	37	41	4	11%	15	20	5	33%
EAST BOUND	Left	15	1	-14	-93%	26	3	-23	-88%
	Through	136	76	-60	-44%	443	467	24	5%
	Right	174	263	89	51%	866	871	5	1%
	EB Total	325	340	15	5%	1,335	1,341	6	0%
WEST BOUND	Left	339	749	410	121%	137	396	259	189%
	Through	283	217	-66	-23%	178	103	-75	-42%
	Right	7	2	-5	-71%	4	1	-3	-75%
	WB Total	629	968	339	54%	319	500	181	57%
TOTAL ENTERING VOLUME		1,314	1,921	607	46%	1,809	2,750	941	52%

FORECAST PEAK HOUR TO ADT COMPARISON						
		VOLUMES		PERCENT OF ADT		ADT
		AM	PM	AM	PM	
North Leg	Inbound	41	20			
North Leg	Outbound	30	38			
North Leg	TOTAL	71	58	#DIV/0!	#DIV/0!	-
South Leg	Inbound	572	889			
South Leg	Outbound	1,051	1,285			
South Leg	TOTAL	1,623	2,174	7%	9%	24,745
East Leg	Inbound	968	500			
East Leg	Outbound	350	1,044			
East Leg	TOTAL	1,318	1,544	7%	9%	17,956
West Leg	Inbound	340	1,341			
West Leg	Outbound	490	383			
West Leg	TOTAL	830	1,724	9%	19%	9,272
OVERALL TOTAL		3,842	5,500	7%	11%	51,973

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**APPENDIX 5.3: HORIZON YEAR (2045) WITHOUT PROJECT
CONDITIONS INTERSECTION OPERATIONS ANALYSIS WORKSHEETS**

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 Yorba Linda Housing Element / SP (JN 13763)
 2045 Without Project
 AM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #1 Rose Dr. & Imperial Hwy.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.740
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxxx
 Optimal Cycle: 56 Level Of Service: C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	2	0	2	0	1	1	1	0	2	1	0	2

Volume Module:

Base Vol:	120	203	140	781	459	32	38	999	146	185	1008	519
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	120	203	140	781	459	32	38	999	146	185	1008	519
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	120	203	140	781	459	32	38	999	146	185	1008	519
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	120	203	140	781	459	32	38	999	146	185	1008	519
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	120	203	140	781	459	32	38	999	146	185	1008	519

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	2.00	2.00	1.00	2.00	2.00	1.00	1.00	2.62	0.38	2.00	3.00	1.00
Final Sat.:	3400	3400	1700	3400	3400	1700	1700	4450	650	3400	5100	1700

Capacity Analysis Module:

Vol/Sat:	0.04	0.06	0.08	0.23	0.14	0.02	0.02	0.22	0.22	0.05	0.20	0.31
Crit Moves:			****	****			****					****

 Yorba Linda Housing Element / SP (JN 13763)
 2045 Without Project
 AM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #2 Prospect Av. & Imperial Hwy.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.942
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
 Optimal Cycle: 127 Level Of Service: E

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Permitted			Permitted			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1	0	0	1	0	0	1	0	2	1	0	2

Volume Module:

Base Vol:	44	104	9	71	90	139	161	1504	26	46	1622	998
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	44	104	9	71	90	139	161	1504	26	46	1622	998
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	44	104	9	71	90	139	161	1504	26	46	1622	998
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	44	104	9	71	90	139	161	1504	26	46	1622	998
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	44	104	9	71	90	139	161	1504	26	46	1622	998

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	0.92	0.08	1.00	0.39	0.61	1.00	2.95	0.05	1.00	2.00	1.00
Final Sat.:	1700	1565	135	1700	668	1032	1700	5013	87	1700	3400	1700

Capacity Analysis Module:

Vol/Sat:	0.03	0.07	0.07	0.04	0.13	0.13	0.09	0.30	0.30	0.03	0.48	0.59
Crit Moves:	****			****			****			****		

 Yorba Linda Housing Element / SP (JN 13763)
 2045 Without Project
 AM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #3 Imperial Hwy. & Bastanchury Rd.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.844
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
 Optimal Cycle: 78 Level Of Service: D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	2	0	3	0	1	1	2	0	3	0	1	1

Volume Module:

Base Vol:	282	1325	4	245	1416	3	17	394	329	2	639	635
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	282	1325	4	245	1416	3	17	394	329	2	639	635
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	282	1325	4	245	1416	3	17	394	329	2	639	635
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	282	1325	4	245	1416	3	17	394	329	2	639	635
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	282	1325	4	245	1416	3	17	394	329	2	639	635

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	2.00	3.00	1.00	2.00	3.00	1.00	1.00	1.09	0.91	1.00	2.00	1.00
Final Sat.:	3400	5100	1700	3400	5100	1700	1700	1853	1547	1700	3400	1700

Capacity Analysis Module:

Vol/Sat:	0.08	0.26	0.00	0.07	0.28	0.00	0.01	0.21	0.21	0.00	0.19	0.37
Crit Moves:	****			****			****			****		

 Yorba Linda Housing Element / SP (JN 13763)
 2045 Without Project
 AM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #4 Imperial Hwy. & Lemon Dr.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.496
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
 Optimal Cycle: 64 Level Of Service: A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Permitted			Protected			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	2 1 0	1	0	2 1 0	0	0	1! 0 0	0	0	1! 0 0

Volume Module:

Base Vol:	0	1451	36	22	1622	4	3	1	1	47	3	79
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	1451	36	22	1622	4	3	1	1	47	3	79
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	1451	36	22	1622	4	3	1	1	47	3	79
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	1451	36	22	1622	4	3	1	1	47	3	79
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	1451	36	22	1622	4	3	1	1	47	3	79

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.00	2.93	0.07	1.00	2.99	0.01	0.60	0.20	0.20	0.36	0.02	0.62
Final Sat.:	0	4977	123	1700	5087	13	1020	340	340	619	40	1041

Capacity Analysis Module:

Vol/Sat:	0.00	0.29	0.29	0.01	0.32	0.32	0.00	0.00	0.00	0.03	0.08	0.08
Crit Moves:				****			****			****		

 Yorba Linda Housing Element / SP (JN 13763)
 2045 Without Project
 AM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #5 Imperial Hwy. & Yorba Linda Bl.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.888
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
 Optimal Cycle: 95 Level Of Service: D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Ovl		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1	0	2	1	0	0	2	0	2	1	0	2

Volume Module:

Base Vol:	365	1031	221	343	1180	39	27	335	369	200	475	384
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	365	1031	221	343	1180	39	27	335	369	200	475	384
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	365	1031	221	343	1180	39	27	335	369	200	475	384
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	365	1031	221	343	1180	39	27	335	369	200	475	384
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	365	1031	221	343	1180	39	27	335	369	200	475	384
OvlAdjVol:												41

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	2.47	0.53	2.00	2.90	0.10	1.00	2.00	1.00	1.00	3.00	2.00
Final Sat.:	1700	4200	900	3400	4937	163	1700	3400	1700	1700	5100	3400

Capacity Analysis Module:

Vol/Sat:	0.21	0.25	0.25	0.10	0.24	0.24	0.02	0.10	0.22	0.12	0.09	0.11	
OvlAdjV/S:												0.01	
Crit Moves:	****						****						****

Intersection	
Intersection Delay, s/veh	173.7
Intersection LOS	F

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	↖	↗		↖	↗		↖	↑	↗	↖	↗	
Traffic Vol, veh/h	187	112	53	47	112	71	50	318	45	82	726	208
Future Vol, veh/h	187	112	53	47	112	71	50	318	45	82	726	208
Peak Hour Factor	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	228	137	65	57	137	87	61	388	55	100	885	254
Number of Lanes	1	1	0	1	1	0	1	1	1	1	2	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	2	2	3	3
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	3	3	2	2
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	3	3	2	2
HCM Control Delay	37.7	35.4	114.8	276.1
HCM LOS	E	E	F	F

Lane	NBLn1	NBLn2	NBLn3	EBLn1	EBLn2	WBLn1	WBLn2	SBLn1	SBLn2	SBLn3
Vol Left, %	100%	0%	0%	100%	0%	100%	0%	100%	0%	0%
Vol Thru, %	0%	100%	0%	0%	68%	0%	61%	0%	100%	54%
Vol Right, %	0%	0%	100%	0%	32%	0%	39%	0%	0%	46%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	50	318	45	187	165	47	183	82	484	450
LT Vol	50	0	0	187	0	47	0	82	0	0
Through Vol	0	318	0	0	112	0	112	0	484	242
RT Vol	0	0	45	0	53	0	71	0	0	208
Lane Flow Rate	61	388	55	228	201	57	223	100	590	549
Geometry Grp	8	8	8	8	8	8	8	8	8	8
Degree of Util (X)	0.194	1.178	0.156	0.73	0.604	0.192	0.7	0.295	1.656	1.49
Departure Headway (Hd)	12.525	12.001	11.268	12.706	11.962	13.194	12.398	11.199	10.671	10.329
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cap	288	306	320	287	304	274	295	323	348	357
Service Time	10.225	9.701	8.968	10.406	9.662	10.894	10.098	8.899	8.371	8.029
HCM Lane V/C Ratio	0.212	1.268	0.172	0.794	0.661	0.208	0.756	0.31	1.695	1.538
HCM Control Delay	18.2	144	16	43.3	31.3	19	39.6	18.5	333.4	261.4
HCM Lane LOS	C	F	C	E	D	C	E	C	F	F
HCM 95th-tile Q	0.7	15.3	0.5	5.2	3.7	0.7	4.8	1.2	33.9	28.2

Intersection												
Int Delay, s/veh	80.1											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	↖		↗					↕		↖	↗	
Traffic Vol, veh/h	23	0	256	0	0	0	0	435	167	413	446	0
Future Vol, veh/h	23	0	256	0	0	0	0	435	167	413	446	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	3	0	0	1
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	0	-	360	-	-	-	-	-	-	100	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	65	65	65	65	65	65	65	65	65	65	65	65
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	35	0	394	0	0	0	0	669	257	635	686	0

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	2291	-	343	-	0	0
Stage 1	1956	-	-	-	-	-
Stage 2	335	-	-	-	-	-
Critical Hdwy	6.84	-	6.94	-	-	4.14
Critical Hdwy Stg 1	5.84	-	-	-	-	-
Critical Hdwy Stg 2	5.84	-	-	-	-	-
Follow-up Hdwy	3.52	-	3.32	-	-	2.22
Pot Cap-1 Maneuver	~ 33	0	653	0	-	732
Stage 1	96	0	-	0	-	-
Stage 2	697	0	-	0	-	-
Platoon blocked, %						
Mov Cap-1 Maneuver	~ 4	0	653	-	-	732
Mov Cap-2 Maneuver	~ 4	0	-	-	-	-
Stage 1	96	0	-	-	-	-
Stage 2	93	0	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s\$	450.5	0	15.9
HCM LOS	F		

Minor Lane/Major Mvmt	NBT	NBR	EBLn1	EBLn2	SBL	SBT
Capacity (veh/h)	-	-	4	653	732	-
HCM Lane V/C Ratio	-	-	8.846	0.603	0.868	-
HCM Control Delay (s)	-	-	\$ 5258.7	18.5	33.2	-
HCM Lane LOS	-	-	F	C	D	-
HCM 95th %tile Q(veh)	-	-	6.1	4.1	10.5	-

Notes
 -: Volume exceeds capacity \$: Delay exceeds 300s +: Computation Not Defined *: All major volume in platoon

Timings
8: Kellog Dr. & SR 90 WB Ramps

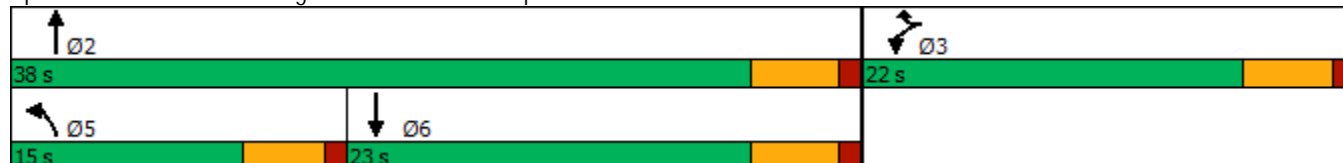


Lane Group	WBL	WBR	NBL	NBT	SBT
Lane Configurations	↖	↗	↖	↑↑	↑↑
Traffic Volume (vph)	98	257	163	295	761
Future Volume (vph)	98	257	163	295	761
Turn Type	Prot	Prot	Prot	NA	NA
Protected Phases	3	3	5	2	6
Permitted Phases					
Detector Phase	3	3	5	2	6
Switch Phase					
Minimum Initial (s)	10.0	10.0	5.0	10.0	10.0
Minimum Split (s)	22.0	22.0	14.0	23.0	23.0
Total Split (s)	22.0	22.0	15.0	38.0	23.0
Total Split (%)	36.7%	36.7%	25.0%	63.3%	38.3%
Yellow Time (s)	4.0	4.0	3.6	4.0	4.0
All-Red Time (s)	1.0	1.0	1.0	1.0	1.0
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	5.0	5.0	4.6	5.0	5.0
Lead/Lag			Lead		Lag
Lead-Lag Optimize?			Yes		Yes
Recall Mode	None	None	None	None	None

Intersection Summary

Cycle Length: 60
 Actuated Cycle Length: 53.1
 Natural Cycle: 65
 Control Type: Actuated-Uncoordinated

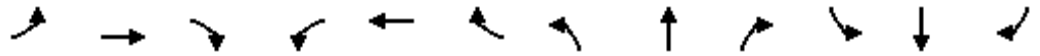
Splits and Phases: 8: Kellog Dr. & SR 90 WB Ramps



HCM 6th Signalized Intersection Summary
8: Kellog Dr. & SR 90 WB Ramps

Yorba Linda Element and SP (JN 13763)

04/12/2022



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations				↖		↖	↖	↑↑			↑↑	
Traffic Volume (veh/h)	0	0	0	98	0	257	163	295	0	0	761	107
Future Volume (veh/h)	0	0	0	98	0	257	163	295	0	0	761	107
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		0.97
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach				No		No		No			No	
Adj Sat Flow, veh/h/ln				1870	0	1870	1870	1870	0	0	1870	1870
Adj Flow Rate, veh/h				131	0	71	217	393	0	0	1015	135
Peak Hour Factor				0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
Percent Heavy Veh, %				2	0	2	2	2	0	0	2	2
Cap, veh/h				339	0	302	270	2153	0	0	1132	150
Arrive On Green				0.19	0.00	0.19	0.15	0.61	0.00	0.00	0.36	0.36
Sat Flow, veh/h				1781	0	1585	1781	3647	0	0	3235	417
Grp Volume(v), veh/h				131	0	71	217	393	0	0	574	576
Grp Sat Flow(s),veh/h/ln				1781	0	1585	1781	1777	0	0	1777	1782
Q Serve(g_s), s				3.2	0.0	1.9	5.8	2.4	0.0	0.0	15.0	15.0
Cycle Q Clear(g_c), s				3.2	0.0	1.9	5.8	2.4	0.0	0.0	15.0	15.0
Prop In Lane				1.00		1.00	1.00		0.00	0.00		0.23
Lane Grp Cap(c), veh/h				339	0	302	270	2153	0	0	641	642
V/C Ratio(X)				0.39	0.00	0.24	0.80	0.18	0.00	0.00	0.90	0.90
Avail Cap(c_a), veh/h				616	0	548	377	2386	0	0	651	653
HCM Platoon Ratio				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	1.00	1.00	0.00	0.00	1.00	1.00
Uniform Delay (d), s/veh				17.4	0.0	16.9	20.1	4.3	0.0	0.0	14.8	14.9
Incr Delay (d2), s/veh				0.7	0.0	0.4	5.6	0.0	0.0	0.0	14.9	15.1
Initial Q Delay(d3),s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				1.2	0.0	0.6	2.6	0.6	0.0	0.0	7.6	7.7
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh				18.1	0.0	17.2	25.7	4.3	0.0	0.0	29.8	29.9
LnGrp LOS				B	A	B	C	A	A	A	C	C
Approach Vol, veh/h					202			610			1150	
Approach Delay, s/veh					17.8			11.9			29.8	
Approach LOS					B			B			C	
Timer - Assigned Phs		2			5	6		8				
Phs Duration (G+Y+Rc), s		34.8			12.1	22.7		14.4				
Change Period (Y+Rc), s		5.0			4.6	5.0		5.0				
Max Green Setting (Gmax), s		33.0			10.4	18.0		17.0				
Max Q Clear Time (g_c+I1), s		4.4			7.8	17.0		5.2				
Green Ext Time (p_c), s		2.7			0.1	0.7		0.4				

Intersection Summary

HCM 6th Ctrl Delay	23.0
HCM 6th LOS	C

 Yorba Linda Housing Element / SP (JN 13763)
 2045 Without Project
 AM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #9 Plumosa Dr. & Bastanchury Rd.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.419
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
 Optimal Cycle: 29 Level Of Service: A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1	0	0	0	0	0	0	0	1	1	0	2

Volume Module:

Base Vol:	112	0	118	0	0	0	0	577	64	77	860	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	112	0	118	0	0	0	0	577	64	77	860	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	112	0	118	0	0	0	0	577	64	77	860	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	112	0	118	0	0	0	0	577	64	77	860	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	112	0	118	0	0	0	0	577	64	77	860	0

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	0.00	1.00	0.00	0.00	0.00	0.00	1.80	0.20	1.00	2.00	0.00
Final Sat.:	1700	0	1700	0	0	0	0	3061	339	1700	3400	0

Capacity Analysis Module:

Vol/Sat:	0.07	0.00	0.07	0.00	0.00	0.00	0.00	0.19	0.19	0.05	0.25	0.00
Crit Moves:	****						****			****		

 Yorba Linda Housing Element / SP (JN 13763)
 2045 Without Project
 AM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #10 Lakeview Av. & Bastanchury Rd.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.605
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
 Optimal Cycle: 40 Level Of Service: B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Ovl			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1	0	1	1	0	1	1	0	1	1	0	1

Volume Module:

Base Vol:	129	54	186	108	127	65	30	506	143	240	895	105
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	129	54	186	108	127	65	30	506	143	240	895	105
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	129	54	186	108	127	65	30	506	143	240	895	105
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	129	54	186	108	127	65	30	506	143	240	895	105
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	129	54	186	108	127	65	30	506	143	240	895	105
OvlAdjVol:						35						

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.56	0.44	1.00	1.79	0.21
Final Sat.:	1700	1700	1700	1700	1700	1700	1700	2651	749	1700	3043	357

Capacity Analysis Module:

Vol/Sat:	0.08	0.03	0.11	0.06	0.07	0.04	0.02	0.19	0.19	0.14	0.29	0.29
OvlAdjV/S:						0.02						
Crit Moves:			****	****				****		****		

 Yorba Linda Housing Element / SP (JN 13763)
 2045 Without Project
 AM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #11 Lakeview Av. & Lemon Dr.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.324
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
 Optimal Cycle: 26 Level Of Service: A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Prot+Permit			Prot+Permit			Split Phase			Split Phase		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1	0	1	1	0	1	0	1	0	0	1	0

Volume Module:

Base Vol:	42	315	2	0	521	39	19	1	58	0	1	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	42	315	2	0	521	39	19	1	58	0	1	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	42	315	2	0	521	39	19	1	58	0	1	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	42	315	2	0	521	39	19	1	58	0	1	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	42	315	2	0	521	39	19	1	58	0	1	0

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.99	0.01	1.00	1.86	0.14	0.95	0.05	1.00	0.00	1.00	0.00
Final Sat.:	1700	3379	21	1700	3163	237	1615	85	1700	0	1700	0

Capacity Analysis Module:

Vol/Sat:	0.02	0.09	0.09	0.00	0.16	0.16	0.01	0.01	0.03	0.00	0.00	0.00
Crit Moves:	****			****			****			****		

 Yorba Linda Housing Element / SP (JN 13763)
 2045 Without Project
 AM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #12 Lakeview Av. & Yorba Linda Bl.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.723
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
 Optimal Cycle: 53 Level Of Service: C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Ovl			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	2	0	2	0	1	1	0	1	0	2	1	0

Volume Module:

Base Vol:	132	215	211	89	387	93	156	660	269	444	805	99
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	132	215	211	89	387	93	156	660	269	444	805	99
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	132	215	211	89	387	93	156	660	269	444	805	99
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	132	215	211	89	387	93	156	660	269	444	805	99
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	132	215	211	89	387	93	156	660	269	444	805	99
OvlAdjVol:	0											

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	2.00	2.00	1.00	2.00	1.61	0.39	1.00	2.13	0.87	1.00	2.67	0.33
Final Sat.:	3400	3400	1700	3400	2741	659	1700	3623	1477	1700	4541	559

Capacity Analysis Module:

Vol/Sat:	0.04	0.06	0.12	0.03	0.14	0.14	0.09	0.18	0.18	0.26	0.18	0.18	
OvlAdjV/S:	0.00												
Crit Moves:	****						****				****		

 Yorba Linda Housing Element / SP (JN 13763)
 2045 Without Project
 AM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #13 Ohio St. & Yorba Linda Bl.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.354
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxxx
 Optimal Cycle: 34 Level Of Service: A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Permitted			Permitted			Protected			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	1	0	1	0	1	0	2	1	0	0

Volume Module:

Base Vol:	0	0	0	69	0	12	12	1086	0	0	742	49
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	69	0	12	12	1086	0	0	742	49
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	69	0	12	12	1086	0	0	742	49
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	69	0	12	12	1086	0	0	742	49
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	0	69	0	12	12	1086	0	0	742	49

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.00	1.00	0.00	1.00	0.00	1.00	1.00	3.00	0.00	0.00	2.81	0.19
Final Sat.:	0	1700	0	1700	0	1700	1700	5100	0	0	4784	316

Capacity Analysis Module:

Vol/Sat:	0.00	0.00	0.00	0.04	0.00	0.01	0.01	0.21	0.00	0.00	0.16	0.16
Crit Moves:				****				****				

 Yorba Linda Housing Element / SP (JN 13763)
 2045 Without Project
 AM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #14 Fairmont Bl. & Bastanchury Rd.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.611
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
 Optimal Cycle: 41 Level Of Service: B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1	0	2	0	1	1	1	0	1	1	1	0

Volume Module:

Base Vol:	218	189	42	39	260	281	97	343	190	104	479	17
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	218	189	42	39	260	281	97	343	190	104	479	17
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	218	189	42	39	260	281	97	343	190	104	479	17
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	218	189	42	39	260	281	97	343	190	104	479	17
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	218	189	42	39	260	281	97	343	190	104	479	17

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	2.00	1.00	1.00	2.00	1.00	1.00	1.29	0.71	1.00	1.93	0.07
Final Sat.:	1700	3400	1700	1700	3400	1700	1700	2188	1212	1700	3283	117

Capacity Analysis Module:

Vol/Sat:	0.13	0.06	0.02	0.02	0.08	0.17	0.06	0.16	0.16	0.06	0.15	0.15
Crit Moves:	****					****	****			****		

 Yorba Linda Housing Element / SP (JN 13763)
 2045 Without Project
 AM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #15 Fairmont Bl. & Yorba Linda Bl.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.596
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxxx
 Optimal Cycle: 40 Level Of Service: A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Ovl			Ovl			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	2	0	1	1	0	1	0	3	0	1	0	2

Volume Module:

Base Vol:	302	249	69	113	270	277	141	472	157	127	750	93
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	302	249	69	113	270	277	141	472	157	127	750	93
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	302	249	69	113	270	277	141	472	157	127	750	93
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	302	249	69	113	270	277	141	472	157	127	750	93
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	302	249	69	113	270	277	141	472	157	127	750	93
OvlAdjVol:						0			6			

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	2.00	1.57	0.43	1.00	1.00	2.00	1.00	3.00	1.00	1.00	2.67	0.33
Final Sat.:	3400	2662	738	1700	1700	3400	1700	5100	1700	1700	4537	563

Capacity Analysis Module:

Vol/Sat:	0.09	0.09	0.09	0.07	0.16	0.08	0.08	0.09	0.09	0.07	0.17	0.17
OvlAdjV/S:						0.00			0.00			
Crit Moves:	****			****			****			****		

 Yorba Linda Housing Element / SP (JN 13763)
 2045 Without Project
 AM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #16 Yorba Linda Bl. & Savi Ranch Pkwy.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.638
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxxx
 Optimal Cycle: 43 Level Of Service: B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Ignore			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1	0	3	0	1	1	1	0	0	0	2	2

Volume Module:

Base Vol:	280	1075	746	249	1160	232	108	0	225	271	0	184
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	280	1075	746	249	1160	232	108	0	225	271	0	184
User Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	280	1075	0	249	1160	232	108	0	225	271	0	184
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	280	1075	0	249	1160	232	108	0	225	271	0	184
PCE Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	280	1075	0	249	1160	232	108	0	225	271	0	184

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	3.00	1.00	1.00	3.00	1.00	1.00	0.00	2.00	2.00	0.00	2.00
Final Sat.:	1700	5100	1700	1700	5100	1700	1700	0	3400	3400	0	3400

Capacity Analysis Module:

Vol/Sat:	0.16	0.21	0.00	0.15	0.23	0.14	0.06	0.00	0.07	0.08	0.00	0.05
Crit Moves:	****			****			****	****		****	****	

Timings
17: Weir Canyon Rd & SR-91 WB Ramps

Yorba Linda Element and SP (JN 13763)

04/12/2022

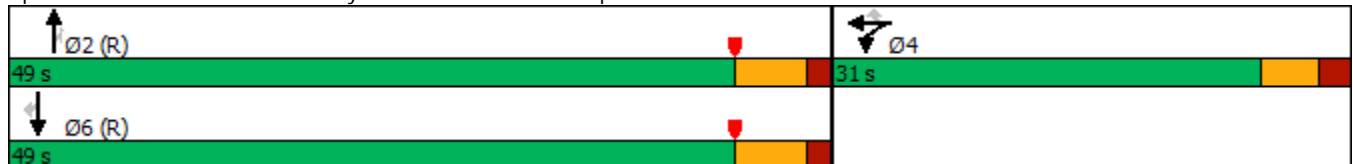


Lane Group	WBL	WBT	WBR	NBT	NBR	SBT	SBR
Lane Configurations	↖	↔	↗	↑↑↑	↗	↑↑↑	↗
Traffic Volume (vph)	386	0	580	1521	410	1309	346
Future Volume (vph)	386	0	580	1521	410	1309	346
Turn Type	Split	NA	Perm	NA	Perm	NA	Perm
Protected Phases	4	4		2		6	
Permitted Phases			4		2		6
Detector Phase	4	4	4	2	2	6	6
Switch Phase							
Minimum Initial (s)	5.0	5.0	5.0	15.0	15.0	15.0	15.0
Minimum Split (s)	10.5	10.5	10.5	23.8	23.8	20.8	20.8
Total Split (s)	31.0	31.0	31.0	49.0	49.0	49.0	49.0
Total Split (%)	38.8%	38.8%	38.8%	61.3%	61.3%	61.3%	61.3%
Yellow Time (s)	3.5	3.5	3.5	4.3	4.3	4.3	4.3
All-Red Time (s)	2.0	2.0	2.0	1.5	1.5	1.5	1.5
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	5.5	5.5	5.5	5.8	5.8	5.8	5.8
Lead/Lag							
Lead-Lag Optimize?							
Recall Mode	None	None	None	C-Min	C-Min	C-Min	C-Min

Intersection Summary

Cycle Length: 80
 Actuated Cycle Length: 80
 Offset: 0 (0%), Referenced to phase 2:NBT and 6:SBT, Start of Yellow
 Natural Cycle: 40
 Control Type: Actuated-Coordinated

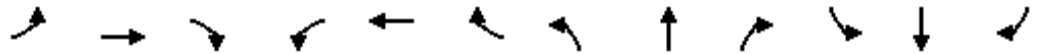
Splits and Phases: 17: Weir Canyon Rd & SR-91 WB Ramps



HCM 6th Signalized Intersection Summary
 17: Weir Canyon Rd & SR-91 WB Ramps

Yorba Linda Element and SP (JN 13763)

04/12/2022



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations				↖	↔	↗		↑↑↑	↗		↑↑↑	↗
Traffic Volume (veh/h)	0	0	0	386	0	580	0	1521	410	0	1309	346
Future Volume (veh/h)	0	0	0	386	0	580	0	1521	410	0	1309	346
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach				No		No		No			No	
Adj Sat Flow, veh/h/ln				1870	1870	1870	0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h				280	0	787	0	1671	0	0	1438	0
Peak Hour Factor				0.92	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
Percent Heavy Veh, %				2	2	2	0	2	2	0	2	2
Cap, veh/h				515	0	917	0	2909	0	0	3196	0
Arrive On Green				0.29	0.00	0.29	0.00	1.00	0.00	0.00	0.57	0.00
Sat Flow, veh/h				1781	0	3170	0	5274	1585	0	5611	1585
Grp Volume(v), veh/h				280	0	787	0	1671	0	0	1438	0
Grp Sat Flow(s),veh/h/ln				1781	0	1585	0	1702	1585	0	1870	1585
Q Serve(g_s), s				10.6	0.0	18.8	0.0	0.0	0.0	0.0	11.9	0.0
Cycle Q Clear(g_c), s				10.6	0.0	18.8	0.0	0.0	0.0	0.0	11.9	0.0
Prop In Lane				1.00		1.00	0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h				515	0	917	0	2909	0	0	3196	0
V/C Ratio(X)				0.54	0.00	0.86	0.00	0.57		0.00	0.45	
Avail Cap(c_a), veh/h				568	0	1010	0	2909	0	0	3196	0
HCM Platoon Ratio				1.00	1.00	1.00	1.00	2.00	2.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	0.00	0.79	0.00	0.00	0.76	0.00
Uniform Delay (d), s/veh				24.0	0.0	26.9	0.0	0.0	0.0	0.0	10.0	0.0
Incr Delay (d2), s/veh				1.1	0.0	7.2	0.0	0.7	0.0	0.0	0.3	0.0
Initial Q Delay(d3),s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				4.4	0.0	7.7	0.0	0.2	0.0	0.0	4.1	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh				25.1	0.0	34.1	0.0	0.7	0.0	0.0	10.3	0.0
LnGrp LOS				C	A	C	A	A		A	B	
Approach Vol, veh/h					1067			1671	A		1438	A
Approach Delay, s/veh					31.7			0.7			10.3	
Approach LOS					C			A			B	
Timer - Assigned Phs		2		4		6						
Phs Duration (G+Y+Rc), s		51.4		28.6		51.4						
Change Period (Y+Rc), s		5.8		5.5		5.8						
Max Green Setting (Gmax), s		43.2		25.5		43.2						
Max Q Clear Time (g_c+I1), s		2.0		20.8		13.9						
Green Ext Time (p_c), s		17.1		2.3		12.1						

Intersection Summary

HCM 6th Ctrl Delay	11.9
HCM 6th LOS	B

Notes

User approved volume balancing among the lanes for turning movement.
 Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.

Timings
18: Weir Canyon Rd & SR-91 EB Ramps

Yorba Linda Element and SP (JN 13763)

04/12/2022

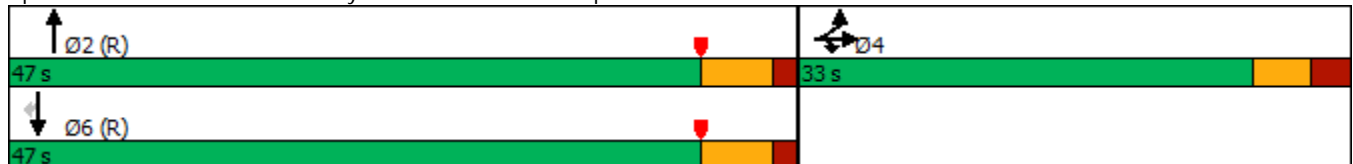


Lane Group	EBL	EBT	EBR	NBT	NBR	SBT	SBR
Lane Configurations							
Traffic Volume (vph)	648	0	508	1283	420	982	713
Future Volume (vph)	648	0	508	1283	420	982	713
Turn Type	Split	NA	Prot	NA	Free	NA	Perm
Protected Phases	4	4	4	2		6	
Permitted Phases					Free		6
Detector Phase	4	4	4	2		6	6
Switch Phase							
Minimum Initial (s)	5.0	5.0	5.0	15.0		15.0	15.0
Minimum Split (s)	11.0	11.0	11.0	20.8		27.8	27.8
Total Split (s)	33.0	33.0	33.0	47.0		47.0	47.0
Total Split (%)	41.3%	41.3%	41.3%	58.8%		58.8%	58.8%
Yellow Time (s)	3.5	3.5	3.5	4.3		4.3	4.3
All-Red Time (s)	2.5	2.5	2.5	1.5		1.5	1.5
Lost Time Adjust (s)	0.0	0.0	0.0	0.0		0.0	0.0
Total Lost Time (s)	6.0	6.0	6.0	5.8		5.8	5.8
Lead/Lag							
Lead-Lag Optimize?							
Recall Mode	None	None	None	C-Min		C-Min	C-Min

Intersection Summary

Cycle Length: 80
 Actuated Cycle Length: 80
 Offset: 78.2 (98%), Referenced to phase 2:NBT and 6:SBT, Start of Yellow
 Natural Cycle: 55
 Control Type: Actuated-Coordinated

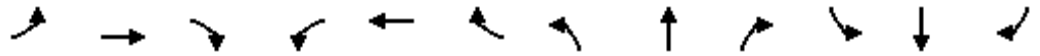
Splits and Phases: 18: Weir Canyon Rd & SR-91 EB Ramps



HCM 6th Signalized Intersection Summary
 18: Weir Canyon Rd & SR-91 EB Ramps

Yorba Linda Element and SP (JN 13763)

04/12/2022



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	648	0	508	0	0	0	0	1283	420	0	982	713
Future Volume (veh/h)	648	0	508	0	0	0	0	1283	420	0	982	713
Initial Q (Qb), veh	0	0	0				0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00				1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No						No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870				0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h	807	0	235				0	1380	0	0	1056	0
Peak Hour Factor	0.93	0.93	0.93				0.93	0.93	0.93	0.93	0.93	0.93
Percent Heavy Veh, %	2	2	2				0	2	2	0	2	2
Cap, veh/h	989	0	440				0	2935		0	2935	
Arrive On Green	0.28	0.00	0.28				0.00	0.57	0.00	0.00	1.00	0.00
Sat Flow, veh/h	3563	0	1585				0	5274	1585	0	5274	1585
Grp Volume(v), veh/h	807	0	235				0	1380	0	0	1056	0
Grp Sat Flow(s),veh/h/ln	1781	0	1585				0	1702	1585	0	1702	1585
Q Serve(g_s), s	16.9	0.0	10.1				0.0	12.6	0.0	0.0	0.0	0.0
Cycle Q Clear(g_c), s	16.9	0.0	10.1				0.0	12.6	0.0	0.0	0.0	0.0
Prop In Lane	1.00		1.00				0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h	989	0	440				0	2935		0	2935	
V/C Ratio(X)	0.82	0.00	0.53				0.00	0.47		0.00	0.36	
Avail Cap(c_a), veh/h	1202	0	535				0	2935		0	2935	
HCM Platoon Ratio	1.00	1.00	1.00				1.00	1.00	1.00	1.00	2.00	2.00
Upstream Filter(I)	1.00	0.00	1.00				0.00	1.00	0.00	0.00	0.79	0.00
Uniform Delay (d), s/veh	27.0	0.0	24.5				0.0	9.9	0.0	0.0	0.0	0.0
Incr Delay (d2), s/veh	4.0	0.0	1.2				0.0	0.5	0.0	0.0	0.3	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	7.4	0.0	3.8				0.0	4.0	0.0	0.0	0.1	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	30.9	0.0	25.7				0.0	10.5	0.0	0.0	0.3	0.0
LnGrp LOS	C	A	C				A	B		A	A	
Approach Vol, veh/h		1042						1380	A		1056	A
Approach Delay, s/veh		29.8						10.5			0.3	
Approach LOS		C						B			A	
Timer - Assigned Phs		2		4				6				
Phs Duration (G+Y+Rc), s		51.8		28.2				51.8				
Change Period (Y+Rc), s		5.8		6.0				5.8				
Max Green Setting (Gmax), s		41.2		27.0				41.2				
Max Q Clear Time (g_c+I1), s		14.6		18.9				2.0				
Green Ext Time (p_c), s		17.9		3.3				16.7				

Intersection Summary

HCM 6th Ctrl Delay	13.1
HCM 6th LOS	B

Notes

User approved volume balancing among the lanes for turning movement.
 Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.

 Yorba Linda Housing Element / SP (JN 13763)
 2045 Without Project
 AM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #19 Gypsum Canyon Rd. & La Palma Av.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.654
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
 Optimal Cycle: 45 Level Of Service: B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Ovl			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1	0	1	0	1	0	1	0	1	1	0	1

Volume Module:

Base Vol:	286	27	253	1	39	1	1	75	266	635	203	2
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	286	27	253	1	39	1	1	75	266	635	203	2
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	286	27	253	1	39	1	1	75	266	635	203	2
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	286	27	253	1	39	1	1	75	266	635	203	2
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	286	27	253	1	39	1	1	75	266	635	203	2
OvlAdjVol:	77											

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.52	0.14	1.34	0.02	0.98	1.00	1.00	1.00	1.00	1.00	1.98	0.02
Final Sat.:	2577	243	2280	43	1658	1700	1700	1700	1700	1700	3367	33

Capacity Analysis Module:

Vol/Sat:	0.11	0.11	0.11	0.02	0.02	0.00	0.00	0.04	0.16	0.37	0.06	0.06	
OvlAdjV/S:											0.05		
Crit Moves:	****						****						****

 Yorba Linda Housing Element / SP (JN 13763)
 2045 Without Project
 PM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #1 Rose Dr. & Imperial Hwy.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.926
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxxx
 Optimal Cycle: 115 Level Of Service: E

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	2	0	2	0	1	1	2	0	1	0	2	0

Volume Module:

Base Vol:	233	438	97	825	339	27	46	1288	47	165	960	726
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	233	438	97	825	339	27	46	1288	47	165	960	726
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	233	438	97	825	339	27	46	1288	47	165	960	726
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	233	438	97	825	339	27	46	1288	47	165	960	726
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	233	438	97	825	339	27	46	1288	47	165	960	726

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	2.00	2.00	1.00	2.00	2.00	1.00	1.00	2.89	0.11	2.00	3.00	1.00
Final Sat.:	3400	3400	1700	3400	3400	1700	1700	4920	180	3400	5100	1700

Capacity Analysis Module:

Vol/Sat:	0.07	0.13	0.06	0.24	0.10	0.02	0.03	0.26	0.26	0.05	0.19	0.43
Crit Moves:	****			****			****			****		

 Yorba Linda Housing Element / SP (JN 13763)
 2045 Without Project
 PM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #4 Imperial Hwy. & Lemon Dr.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.625
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxxx
 Optimal Cycle: 42 Level Of Service: B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Permitted			Protected			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	2 1 0	1	0	2 1 0	0	0	1! 0 0	0	0	1! 0 0

Volume Module:

Base Vol:	0	1435	67	117	1805	21	19	4	16	76	11	169
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	1435	67	117	1805	21	19	4	16	76	11	169
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	1435	67	117	1805	21	19	4	16	76	11	169
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	1435	67	117	1805	21	19	4	16	76	11	169
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	1435	67	117	1805	21	19	4	16	76	11	169

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.00	2.87	0.13	1.00	2.97	0.03	0.49	0.10	0.41	0.30	0.04	0.66
Final Sat.:	0	4873	227	1700	5041	59	828	174	697	505	73	1122

Capacity Analysis Module:

Vol/Sat:	0.00	0.29	0.29	0.07	0.36	0.36	0.01	0.02	0.02	0.04	0.15	0.15
Crit Moves:	****			****			****			****		

 Yorba Linda Housing Element / SP (JN 13763)
 2045 Without Project
 PM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #5 Imperial Hwy. & Yorba Linda Bl.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.848
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
 Optimal Cycle: 79 Level Of Service: D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Ovl		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1	0	2	1	0	0	2	0	2	1	0	2

Volume Module:

Base Vol:	354	1090	207	518	1121	71	100	515	353	167	566	460
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	354	1090	207	518	1121	71	100	515	353	167	566	460
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	354	1090	207	518	1121	71	100	515	353	167	566	460
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	354	1090	207	518	1121	71	100	515	353	167	566	460
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	354	1090	207	518	1121	71	100	515	353	167	566	460
OvlAdjVol:	0											

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	2.52	0.48	2.00	2.82	0.18	1.00	2.00	1.00	1.00	3.00	2.00
Final Sat.:	1700	4286	814	3400	4796	304	1700	3400	1700	1700	5100	3400

Capacity Analysis Module:

Vol/Sat:	0.21	0.25	0.25	0.15	0.23	0.23	0.06	0.15	0.21	0.10	0.11	0.14		
OvlAdjV/S:	0.00													
Crit Moves:	****						****						****	****

Intersection	
Intersection Delay, s/veh	110.7
Intersection LOS	F

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	↵	↵		↵	↵		↵	↑	↵	↵	↵↵	
Traffic Vol, veh/h	312	68	59	31	47	71	80	567	39	33	430	164
Future Vol, veh/h	312	68	59	31	47	71	80	567	39	33	430	164
Peak Hour Factor	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	322	70	61	32	48	73	82	585	40	34	443	169
Number of Lanes	1	1	0	1	1	0	1	1	1	1	2	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	2	2	3	3
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	3	3	2	2
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	3	3	2	2
HCM Control Delay	47.3	19.3	237.7	38
HCM LOS	E	C	F	E

Lane	NBLn1	NBLn2	NBLn3	EBLn1	EBLn2	WBLn1	WBLn2	SBLn1	SBLn2	SBLn3
Vol Left, %	100%	0%	0%	100%	0%	100%	0%	100%	0%	0%
Vol Thru, %	0%	100%	0%	0%	54%	0%	40%	0%	100%	47%
Vol Right, %	0%	0%	100%	0%	46%	0%	60%	0%	0%	53%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	80	567	39	312	127	31	118	33	287	307
LT Vol	80	0	0	312	0	31	0	33	0	0
Through Vol	0	567	0	0	68	0	47	0	287	143
RT Vol	0	0	39	0	59	0	71	0	0	164
Lane Flow Rate	82	585	40	322	131	32	122	34	296	317
Geometry Grp	8	8	8	8	8	8	8	8	8	8
Degree of Util (X)	0.231	1.55	0.098	0.888	0.332	0.099	0.346	0.092	0.757	0.778
Departure Headway (Hd)	10.064	9.543	8.814	10.957	10.109	12.387	11.427	10.787	10.261	9.869
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cap	355	380	405	335	357	291	316	334	355	371
Service Time	7.859	7.338	6.608	8.657	7.809	10.087	9.127	8.487	7.961	7.569
HCM Lane V/C Ratio	0.231	1.539	0.099	0.961	0.367	0.11	0.386	0.102	0.834	0.854
HCM Control Delay	15.9	284.5	12.6	59.3	17.8	16.4	20.1	14.6	38.8	39.8
HCM Lane LOS	C	F	B	F	C	C	C	B	E	E
HCM 95th-tile Q	0.9	32.4	0.3	8.4	1.4	0.3	1.5	0.3	6	6.4

Intersection												
Int Delay, s/veh	8											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	↖		↗					↕		↖	↗	
Traffic Vol, veh/h	94	1	155	0	0	0	0	430	90	241	248	0
Future Vol, veh/h	94	1	155	0	0	0	0	430	90	241	248	0
Conflicting Peds, #/hr	0	0	1	0	0	0	0	0	11	0	0	6
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	0	-	360	-	-	-	-	-	-	100	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	89	89	89	89	89	89	89	89	89	89	89	89
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	106	1	174	0	0	0	0	483	101	271	279	0

Major/Minor	Minor2			Major1			Major2		
Conflicting Flow All	1063	1416	141	-	0	0	595	0	0
Stage 1	821	821	-	-	-	-	-	-	-
Stage 2	242	595	-	-	-	-	-	-	-
Critical Hdwy	6.84	6.54	6.94	-	-	-	4.14	-	-
Critical Hdwy Stg 1	5.84	5.54	-	-	-	-	-	-	-
Critical Hdwy Stg 2	5.84	5.54	-	-	-	-	-	-	-
Follow-up Hdwy	3.52	4.02	3.32	-	-	-	2.22	-	-
Pot Cap-1 Maneuver	218	136	881	0	-	-	977	-	0
Stage 1	393	387	-	0	-	-	-	-	0
Stage 2	776	491	-	0	-	-	-	-	0
Platoon blocked, %									
Mov Cap-1 Maneuver	158	0	880	-	-	-	977	-	-
Mov Cap-2 Maneuver	158	0	-	-	-	-	-	-	-
Stage 1	393	0	-	-	-	-	-	-	-
Stage 2	561	0	-	-	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	30.7	0	5
HCM LOS	D		

Minor Lane/Major Mvmt	NBT	NBR	EBLn1	EBLn2	SBL	SBT
Capacity (veh/h)	-	-	158	880	977	-
HCM Lane V/C Ratio	-	-	0.668	0.198	0.277	-
HCM Control Delay (s)	-	-	64.6	10.1	10.1	-
HCM Lane LOS	-	-	F	B	B	-
HCM 95th %tile Q(veh)	-	-	3.8	0.7	1.1	-

Timings
8: Kellog Dr. & SR 90 WB Ramps

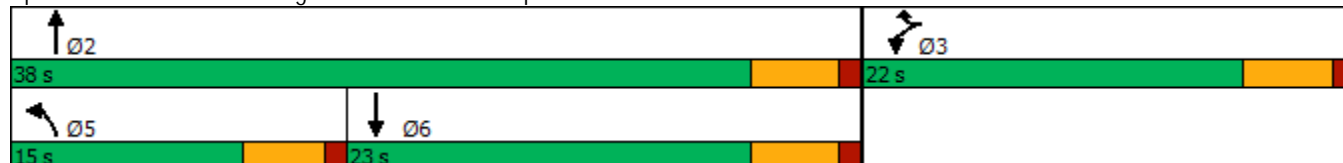


Lane Group	WBL	WBR	NBL	NBT	SBT
Lane Configurations	↶	↶	↶	↶↶	↶↶
Traffic Volume (vph)	87	375	125	399	402
Future Volume (vph)	87	375	125	399	402
Turn Type	Prot	Prot	Prot	NA	NA
Protected Phases	3	3	5	2	6
Permitted Phases					
Detector Phase	3	3	5	2	6
Switch Phase					
Minimum Initial (s)	10.0	10.0	5.0	10.0	10.0
Minimum Split (s)	22.0	22.0	9.6	23.0	23.0
Total Split (s)	22.0	22.0	15.0	38.0	23.0
Total Split (%)	36.7%	36.7%	25.0%	63.3%	38.3%
Yellow Time (s)	4.0	4.0	3.6	4.0	4.0
All-Red Time (s)	1.0	1.0	1.0	1.0	1.0
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	5.0	5.0	4.6	5.0	5.0
Lead/Lag			Lead		Lag
Lead-Lag Optimize?			Yes		Yes
Recall Mode	None	None	None	None	None

Intersection Summary

Cycle Length: 60
 Actuated Cycle Length: 44.6
 Natural Cycle: 55
 Control Type: Actuated-Uncoordinated

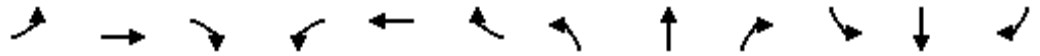
Splits and Phases: 8: Kellog Dr. & SR 90 WB Ramps



HCM 6th Signalized Intersection Summary
8: Kellog Dr. & SR 90 WB Ramps

Yorba Linda Element and SP (JN 13763)

04/12/2022



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations				↖		↖	↖	↑↑			↑↑	
Traffic Volume (veh/h)	0	0	0	87	0	375	125	399	0	0	402	46
Future Volume (veh/h)	0	0	0	87	0	375	125	399	0	0	402	46
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		0.97
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach				No			No				No	
Adj Sat Flow, veh/h/ln				1870	0	1870	1870	1870	0	0	1870	1870
Adj Flow Rate, veh/h				95	0	208	136	434	0	0	437	43
Peak Hour Factor				0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %				2	0	2	2	2	0	0	2	2
Cap, veh/h				449	0	399	178	1726	0	0	863	84
Arrive On Green				0.25	0.00	0.25	0.10	0.49	0.00	0.00	0.26	0.26
Sat Flow, veh/h				1781	0	1585	1781	3647	0	0	3353	319
Grp Volume(v), veh/h				95	0	208	136	434	0	0	237	243
Grp Sat Flow(s),veh/h/ln				1781	0	1585	1781	1777	0	0	1777	1802
Q Serve(g_s), s				1.6	0.0	4.3	2.8	2.7	0.0	0.0	4.3	4.4
Cycle Q Clear(g_c), s				1.6	0.0	4.3	2.8	2.7	0.0	0.0	4.3	4.4
Prop In Lane				1.00		1.00	1.00		0.00	0.00		0.18
Lane Grp Cap(c), veh/h				449	0	399	178	1726	0	0	471	477
V/C Ratio(X)				0.21	0.00	0.52	0.76	0.25	0.00	0.00	0.50	0.51
Avail Cap(c_a), veh/h				795	0	707	486	3078	0	0	839	851
HCM Platoon Ratio				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	1.00	1.00	0.00	0.00	1.00	1.00
Uniform Delay (d), s/veh				11.3	0.0	12.3	16.7	5.7	0.0	0.0	11.9	11.9
Incr Delay (d2), s/veh				0.2	0.0	1.1	2.5	0.1	0.0	0.0	0.8	0.8
Initial Q Delay(d3),s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				0.5	0.0	1.3	1.1	0.6	0.0	0.0	1.5	1.5
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh				11.5	0.0	13.3	19.2	5.8	0.0	0.0	12.7	12.7
LnGrp LOS				B	A	B	B	A	A	A	B	B
Approach Vol, veh/h					303			570			480	
Approach Delay, s/veh					12.8			9.0			12.7	
Approach LOS					B			A			B	
Timer - Assigned Phs		2			5	6		8				
Phs Duration (G+Y+Rc), s		23.5			8.4	15.1		14.6				
Change Period (Y+Rc), s		5.0			4.6	5.0		5.0				
Max Green Setting (Gmax), s		33.0			10.4	18.0		17.0				
Max Q Clear Time (g_c+I1), s		4.7			4.8	6.4		6.3				
Green Ext Time (p_c), s		3.1			0.1	2.2		0.7				

Intersection Summary

HCM 6th Ctrl Delay	11.2
HCM 6th LOS	B

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Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #9 Plumosa Dr. & Bastanchury Rd.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.394
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
 Optimal Cycle: 28 Level Of Service: A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1	0	0	0	0	0	0	0	1	1	0	2

Volume Module:

Base Vol:	26	0	31	0	0	0	0	843	58	24	633	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	26	0	31	0	0	0	0	843	58	24	633	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	26	0	31	0	0	0	0	843	58	24	633	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	26	0	31	0	0	0	0	843	58	24	633	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	26	0	31	0	0	0	0	843	58	24	633	0

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	0.00	1.00	0.00	0.00	0.00	0.00	1.87	0.13	1.00	2.00	0.00
Final Sat.:	1700	0	1700	0	0	0	0	3181	219	1700	3400	0

Capacity Analysis Module:

Vol/Sat:	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.26	0.27	0.01	0.19	0.00
Crit Moves:	****						****			****		

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Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #10 Lakeview Av. & Bastanchury Rd.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.610
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
 Optimal Cycle: 41 Level Of Service: B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Ovl			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1	0	1	1	0	1	1	0	1	1	0	1

Volume Module:

Base Vol:	91	129	241	66	84	19	40	698	132	145	503	82
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	91	129	241	66	84	19	40	698	132	145	503	82
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	91	129	241	66	84	19	40	698	132	145	503	82
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	91	129	241	66	84	19	40	698	132	145	503	82
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	91	129	241	66	84	19	40	698	132	145	503	82
OvlAdjVol:	0											

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.68	0.32	1.00	1.72	0.28
Final Sat.:	1700	1700	1700	1700	1700	1700	1700	2859	541	1700	2923	477

Capacity Analysis Module:

Vol/Sat:	0.05	0.08	0.14	0.04	0.05	0.01	0.02	0.24	0.24	0.09	0.17	0.17
OvlAdjV/S:	0.00											
Crit Moves:	****			****			****			****		

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Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #11 Lakeview Av. & Lemon Dr.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.369
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxxx
 Optimal Cycle: 27 Level Of Service: A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Prot+Permit			Prot+Permit			Split Phase			Split Phase		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1	0	1	1	0	1	0	1	0	0	1	0

Volume Module:

Base Vol:	99	448	1	0	383	68	81	1	130	3	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	99	448	1	0	383	68	81	1	130	3	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	99	448	1	0	383	68	81	1	130	3	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	99	448	1	0	383	68	81	1	130	3	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	99	448	1	0	383	68	81	1	130	3	0	0

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.99	0.01	1.00	1.70	0.30	0.99	0.01	1.00	1.00	0.00	0.00
Final Sat.:	1700	3392	8	1700	2887	513	1679	21	1700	1700	0	0

Capacity Analysis Module:

Vol/Sat:	0.06	0.13	0.13	0.00	0.13	0.13	0.05	0.05	0.08	0.00	0.00	0.00
Crit Moves:	****			****			****	****		****	****	

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Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #12 Lakeview Av. & Yorba Linda Bl.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.624
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
 Optimal Cycle: 42 Level Of Service: B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Ovl			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	2	0	2	0	1	1	0	1	0	2	1	0

Volume Module:

Base Vol:	239	378	333	195	311	155	163	964	103	182	852	86
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	239	378	333	195	311	155	163	964	103	182	852	86
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	239	378	333	195	311	155	163	964	103	182	852	86
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	239	378	333	195	311	155	163	964	103	182	852	86
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	239	378	333	195	311	155	163	964	103	182	852	86
OvlAdjVol:	151											

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	2.00	2.00	1.00	2.00	1.33	0.67	1.00	2.71	0.29	1.00	2.72	0.28
Final Sat.:	3400	3400	1700	3400	2269	1131	1700	4608	492	1700	4632	468

Capacity Analysis Module:

Vol/Sat:	0.07	0.11	0.20	0.06	0.14	0.14	0.10	0.21	0.21	0.11	0.18	0.18
OvlAdjV/S:	0.09											
Crit Moves:	****			****			****			****		

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Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #13 Ohio St. & Yorba Linda Bl.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.405
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxxx
 Optimal Cycle: 29 Level Of Service: A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Permitted			Permitted			Protected			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	1	0	1	0	1	0	2	1	0	0

Volume Module:

Base Vol:	0	0	0	50	0	11	8	930	0	0	1319	62
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	50	0	11	8	930	0	0	1319	62
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	50	0	11	8	930	0	0	1319	62
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	50	0	11	8	930	0	0	1319	62
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	0	50	0	11	8	930	0	0	1319	62

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.00	1.00	0.00	1.00	0.00	1.00	1.00	3.00	0.00	0.00	2.87	0.13
Final Sat.:	0	1700	0	1700	0	1700	1700	5100	0	0	4871	229

Capacity Analysis Module:

Vol/Sat:	0.00	0.00	0.00	0.03	0.00	0.01	0.00	0.18	0.00	0.00	0.27	0.27
Crit Moves:				****			****			****		

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Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #14 Fairmont Bl. & Bastanchury Rd.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.482
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxxx
 Optimal Cycle: 32 Level Of Service: A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1	0	2	0	1	1	0	1	1	0	1	1

Volume Module:

Base Vol:	149	139	42	30	90	130	172	426	212	44	361	35
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	149	139	42	30	90	130	172	426	212	44	361	35
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	149	139	42	30	90	130	172	426	212	44	361	35
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	149	139	42	30	90	130	172	426	212	44	361	35
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	149	139	42	30	90	130	172	426	212	44	361	35

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	2.00	1.00	1.00	2.00	1.00	1.00	1.34	0.66	1.00	1.82	0.18
Final Sat.:	1700	3400	1700	1700	3400	1700	1700	2270	1130	1700	3099	301

Capacity Analysis Module:

Vol/Sat:	0.09	0.04	0.02	0.02	0.03	0.08	0.10	0.19	0.19	0.03	0.12	0.12
Crit Moves:	****			****			****			****		

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Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #15 Fairmont Bl. & Yorba Linda Bl.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.574
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
 Optimal Cycle: 38 Level Of Service: A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Ovl			Ovl			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	2	0	1	1	0	1	0	3	0	1	0	2

Volume Module:

Base Vol:	238	26	97	140	176	156	252	924	222	82	686	92
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	238	26	97	140	176	156	252	924	222	82	686	92
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	238	26	97	140	176	156	252	924	222	82	686	92
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	238	26	97	140	176	156	252	924	222	82	686	92
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	238	26	97	140	176	156	252	924	222	82	686	92
OvlAdjVol:						0			103			

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	2.00	1.00	1.00	1.00	1.00	2.00	1.00	3.00	1.00	1.00	2.65	0.35
Final Sat.:	3400	1700	1700	1700	1700	3400	1700	5100	1700	1700	4497	603

Capacity Analysis Module:

Vol/Sat:	0.07	0.02	0.06	0.08	0.10	0.05	0.15	0.18	0.13	0.05	0.15	0.15
OvlAdjV/S:						0.00			0.06			
Crit Moves:	****			****			****			****		

 Yorba Linda Housing Element / SP (JN 13763)
 2045 Without Project
 PM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #16 Yorba Linda Bl. & Savi Ranch Pkwy.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.905
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
 Optimal Cycle: 103 Level Of Service: E

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Ignore			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1	0	3	0	1	1	1	0	0	0	2	2

Volume Module:

Base Vol:	129	1509	503	367	1261	271	189	0	411	586	0	572
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	129	1509	503	367	1261	271	189	0	411	586	0	572
User Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	129	1509	0	367	1261	271	189	0	411	586	0	572
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	129	1509	0	367	1261	271	189	0	411	586	0	572
PCE Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	129	1509	0	367	1261	271	189	0	411	586	0	572

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	3.00	1.00	1.00	3.00	1.00	1.00	0.00	2.00	2.00	0.00	2.00
Final Sat.:	1700	5100	1700	1700	5100	1700	1700	0	3400	3400	0	3400

Capacity Analysis Module:

Vol/Sat:	0.08	0.30	0.00	0.22	0.25	0.16	0.11	0.00	0.12	0.17	0.00	0.17
Crit Moves:	****			****			****			****		

Timings
17: Weir Canyon Rd & SR-91 WB Ramps

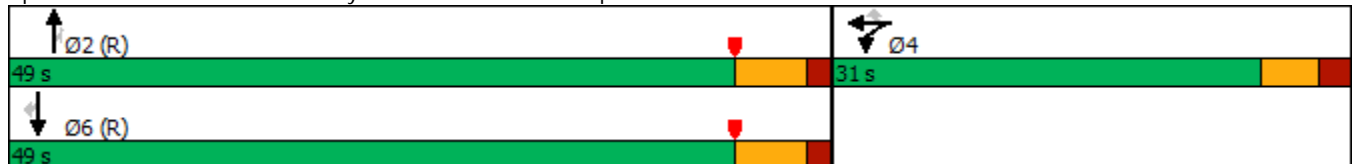


Lane Group	WBL	WBT	WBR	NBT	NBR	SBT	SBR
Lane Configurations							
Traffic Volume (vph)	629	0	613	1529	343	1639	620
Future Volume (vph)	629	0	613	1529	343	1639	620
Turn Type	Split	NA	Perm	NA	Perm	NA	Perm
Protected Phases	4	4		2		6	
Permitted Phases			4		2		6
Detector Phase	4	4	4	2	2	6	6
Switch Phase							
Minimum Initial (s)	5.0	5.0	5.0	15.0	15.0	15.0	15.0
Minimum Split (s)	10.5	10.5	10.5	23.8	23.8	20.8	20.8
Total Split (s)	31.0	31.0	31.0	49.0	49.0	49.0	49.0
Total Split (%)	38.8%	38.8%	38.8%	61.3%	61.3%	61.3%	61.3%
Yellow Time (s)	3.5	3.5	3.5	4.3	4.3	4.3	4.3
All-Red Time (s)	2.0	2.0	2.0	1.5	1.5	1.5	1.5
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	5.5	5.5	5.5	5.8	5.8	5.8	5.8
Lead/Lag							
Lead-Lag Optimize?							
Recall Mode	None	None	None	C-Min	C-Min	C-Min	C-Min

Intersection Summary

Cycle Length: 80
 Actuated Cycle Length: 80
 Offset: 43.2 (54%), Referenced to phase 2:NBT and 6:SBT, Start of Yellow
 Natural Cycle: 55
 Control Type: Actuated-Coordinated

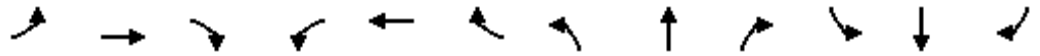
Splits and Phases: 17: Weir Canyon Rd & SR-91 WB Ramps



HCM 6th Signalized Intersection Summary
 17: Weir Canyon Rd & SR-91 WB Ramps

Yorba Linda Element and SP (JN 13763)

04/12/2022



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations				↖	↔	↗		↑↑↑	↗		↑↑↑	↗
Traffic Volume (veh/h)	0	0	0	629	0	613	0	1529	343	0	1639	620
Future Volume (veh/h)	0	0	0	629	0	613	0	1529	343	0	1639	620
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach				No			No			No		
Adj Sat Flow, veh/h/ln				1870	1870	1870	0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h				885	0	430	0	1609	0	0	1813	0
Peak Hour Factor				0.92	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %				2	2	2	0	2	2	0	2	2
Cap, veh/h				1089	0	484	0	2825		0	3104	
Arrive On Green				0.31	0.00	0.31	0.00	1.00	0.00	0.00	0.55	0.00
Sat Flow, veh/h				3563	0	1585	0	5274	1585	0	5611	1585
Grp Volume(v), veh/h				885	0	430	0	1609	0	0	1813	0
Grp Sat Flow(s),veh/h/ln				1781	0	1585	0	1702	1585	0	1870	1585
Q Serve(g_s), s				18.4	0.0	20.7	0.0	0.0	0.0	0.0	17.1	0.0
Cycle Q Clear(g_c), s				18.4	0.0	20.7	0.0	0.0	0.0	0.0	17.1	0.0
Prop In Lane				1.00		1.00	0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h				1089	0	484	0	2825		0	3104	
V/C Ratio(X)				0.81	0.00	0.89	0.00	0.57		0.00	0.58	
Avail Cap(c_a), veh/h				1136	0	505	0	2825		0	3104	
HCM Platoon Ratio				1.00	1.00	1.00	1.00	2.00	2.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	0.00	0.80	0.00	0.00	0.56	0.00
Uniform Delay (d), s/veh				25.7	0.0	26.5	0.0	0.0	0.0	0.0	11.8	0.0
Incr Delay (d2), s/veh				4.6	0.0	17.1	0.0	0.7	0.0	0.0	0.5	0.0
Initial Q Delay(d3),s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				8.1	0.0	9.7	0.0	0.2	0.0	0.0	6.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh				30.3	0.0	43.6	0.0	0.7	0.0	0.0	12.3	0.0
LnGrp LOS				C	A	D	A	A		A	B	
Approach Vol, veh/h					1315			1609	A		1813	A
Approach Delay, s/veh					34.6			0.7			12.3	
Approach LOS					C			A			B	
Timer - Assigned Phs		2		4		6						
Phs Duration (G+Y+Rc), s		50.1		29.9		50.1						
Change Period (Y+Rc), s		5.8		5.5		5.8						
Max Green Setting (Gmax), s		43.2		25.5		43.2						
Max Q Clear Time (g_c+I1), s		2.0		22.7		19.1						
Green Ext Time (p_c), s		16.1		1.8		14.5						

Intersection Summary

HCM 6th Ctrl Delay	14.5
HCM 6th LOS	B

Notes

User approved volume balancing among the lanes for turning movement.
 Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.

Timings
18: Weir Canyon Rd & SR-91 EB Ramps

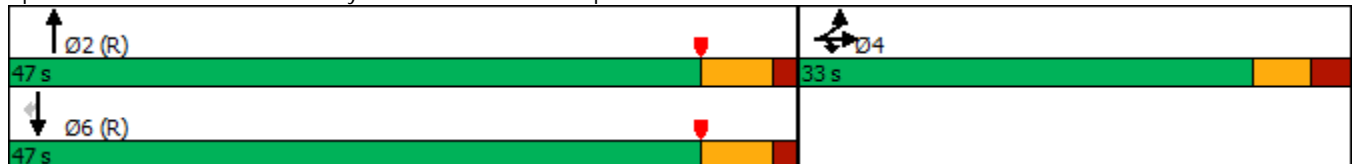


Lane Group	EBL	EBT	EBR	NBT	NBR	SBT	SBR
Lane Configurations							
Traffic Volume (vph)	333	0	580	1539	572	1982	286
Future Volume (vph)	333	0	580	1539	572	1982	286
Turn Type	Split	NA	Prot	NA	Free	NA	Perm
Protected Phases	4	4	4	2		6	
Permitted Phases					Free		6
Detector Phase	4	4	4	2		6	6
Switch Phase							
Minimum Initial (s)	5.0	5.0	5.0	15.0		15.0	15.0
Minimum Split (s)	11.0	11.0	11.0	20.8		27.8	27.8
Total Split (s)	33.0	33.0	33.0	47.0		47.0	47.0
Total Split (%)	41.3%	41.3%	41.3%	58.8%		58.8%	58.8%
Yellow Time (s)	3.5	3.5	3.5	4.3		4.3	4.3
All-Red Time (s)	2.5	2.5	2.5	1.5		1.5	1.5
Lost Time Adjust (s)	0.0	0.0	0.0	0.0		0.0	0.0
Total Lost Time (s)	6.0	6.0	6.0	5.8		5.8	5.8
Lead/Lag							
Lead-Lag Optimize?							
Recall Mode	None	None	None	C-Min		C-Min	C-Min

Intersection Summary

Cycle Length: 80
 Actuated Cycle Length: 80
 Offset: 41.2 (52%), Referenced to phase 2:NBT and 6:SBT, Start of Yellow
 Natural Cycle: 50
 Control Type: Actuated-Coordinated

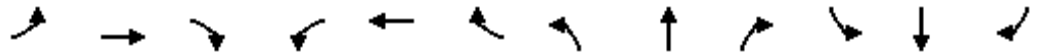
Splits and Phases: 18: Weir Canyon Rd & SR-91 EB Ramps



HCM 6th Signalized Intersection Summary
 18: Weir Canyon Rd & SR-91 EB Ramps

Yorba Linda Element and SP (JN 13763)

04/12/2022



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	↗	↔	↖					↑↑↑	↗		↑↑↑	↖
Traffic Volume (veh/h)	333	0	580	0	0	0	0	1539	572	0	1982	286
Future Volume (veh/h)	333	0	580	0	0	0	0	1539	572	0	1982	286
Initial Q (Qb), veh	0	0	0				0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00				1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No						No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870				0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h	231	0	658				0	1603	0	0	2065	0
Peak Hour Factor	0.96	0.96	0.96				0.96	0.96	0.96	0.96	0.96	0.96
Percent Heavy Veh, %	2	2	2				0	2	2	0	2	2
Cap, veh/h	461	0	821				0	3030		0	3030	
Arrive On Green	0.26	0.00	0.26				0.00	0.59	0.00	0.00	1.00	0.00
Sat Flow, veh/h	1781	0	3170				0	5274	1585	0	5274	1585
Grp Volume(v), veh/h	231	0	658				0	1603	0	0	2065	0
Grp Sat Flow(s),veh/h/ln	1781	0	1585				0	1702	1585	0	1702	1585
Q Serve(g_s), s	8.8	0.0	15.5				0.0	14.9	0.0	0.0	0.0	0.0
Cycle Q Clear(g_c), s	8.8	0.0	15.5				0.0	14.9	0.0	0.0	0.0	0.0
Prop In Lane	1.00		1.00				0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h	461	0	821				0	3030		0	3030	
V/C Ratio(X)	0.50	0.00	0.80				0.00	0.53		0.00	0.68	
Avail Cap(c_a), veh/h	601	0	1070				0	3030		0	3030	
HCM Platoon Ratio	1.00	1.00	1.00				1.00	1.00	1.00	1.00	2.00	2.00
Upstream Filter(I)	1.00	0.00	1.00				0.00	1.00	0.00	0.00	0.59	0.00
Uniform Delay (d), s/veh	25.2	0.0	27.7				0.0	9.6	0.0	0.0	0.0	0.0
Incr Delay (d2), s/veh	1.0	0.0	3.7				0.0	0.7	0.0	0.0	0.7	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	3.7	0.0	6.1				0.0	4.6	0.0	0.0	0.2	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	26.3	0.0	31.4				0.0	10.3	0.0	0.0	0.7	0.0
LnGrp LOS	C	A	C				A	B		A	A	
Approach Vol, veh/h		889						1603	A		2065	A
Approach Delay, s/veh		30.0						10.3			0.7	
Approach LOS		C						B			A	
Timer - Assigned Phs		2		4				6				
Phs Duration (G+Y+Rc), s		53.3		26.7				53.3				
Change Period (Y+Rc), s		5.8		6.0				5.8				
Max Green Setting (Gmax), s		41.2		27.0				41.2				
Max Q Clear Time (g_c+I1), s		16.9		17.5				2.0				
Green Ext Time (p_c), s		18.9		3.2				33.5				

Intersection Summary

HCM 6th Ctrl Delay	9.8
HCM 6th LOS	A

Notes

User approved volume balancing among the lanes for turning movement.
 Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.

 Yorba Linda Housing Element / SP (JN 13763)
 2045 Without Project
 PM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #19 Gypsum Canyon Rd. & La Palma Av.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.861
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
 Optimal Cycle: 84 Level Of Service: D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Ovl			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1	0	1	0	1	0	1	0	1	1	0	1

Volume Module:

Base Vol:	283	34	471	1	19	1	3	423	915	359	100	1
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	283	34	471	1	19	1	3	423	915	359	100	1
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	283	34	471	1	19	1	3	423	915	359	100	1
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	283	34	471	1	19	1	3	423	915	359	100	1
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	283	34	471	1	19	1	3	423	915	359	100	1
OvlAdjVol:									652			

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.08	0.13	1.79	0.05	0.95	1.00	1.00	1.00	1.00	1.00	1.98	0.02
Final Sat.:	1832	220	3048	85	1615	1700	1700	1700	1700	1700	3366	34

Capacity Analysis Module:

Vol/Sat:	0.15	0.15	0.15	0.01	0.01	0.00	0.00	0.25	0.54	0.21	0.03	0.03
OvlAdjV/S:									0.38			
Crit Moves:	****			****			****			****		

**APPENDIX 5.4: HORIZON YEAR (2045) WITH PROJECT CONDITIONS
INTERSECTION OPERATIONS ANALYSIS WORKSHEETS**

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 Yorba Linda Housing Element / SP (JN 13763)
 2045 With Project
 AM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #1 Rose Dr. & Imperial Hwy.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.768
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxxx
 Optimal Cycle: 60 Level Of Service: C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	2	0	2	0	1	1	1	0	2	1	0	2

Volume Module:

Base Vol:	128	233	154	768	470	31	39	989	150	199	1011	558
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	128	233	154	768	470	31	39	989	150	199	1011	558
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	128	233	154	768	470	31	39	989	150	199	1011	558
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	128	233	154	768	470	31	39	989	150	199	1011	558
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	128	233	154	768	470	31	39	989	150	199	1011	558

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	2.00	2.00	1.00	2.00	2.00	1.00	1.00	2.60	0.40	2.00	3.00	1.00
Final Sat.:	3400	3400	1700	3400	3400	1700	1700	4428	672	3400	5100	1700

Capacity Analysis Module:

Vol/Sat:	0.04	0.07	0.09	0.23	0.14	0.02	0.02	0.22	0.22	0.06	0.20	0.33
Crit Moves:			****	****			****					****

 Yorba Linda Housing Element / SP (JN 13763)
 2045 With Project
 AM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #2 Prospect Av. & Imperial Hwy.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.964
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
 Optimal Cycle: 147 Level Of Service: E

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Permitted			Permitted			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1	0	0	1	0	0	1	0	2	1	0	2

Volume Module:

Base Vol:	45	107	9	73	92	143	165	1543	27	47	1665	1024
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	45	107	9	73	92	143	165	1543	27	47	1665	1024
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	45	107	9	73	92	143	165	1543	27	47	1665	1024
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	45	107	9	73	92	143	165	1543	27	47	1665	1024
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	45	107	9	73	92	143	165	1543	27	47	1665	1024

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	0.92	0.08	1.00	0.39	0.61	1.00	2.95	0.05	1.00	2.00	1.00
Final Sat.:	1700	1568	132	1700	666	1034	1700	5012	88	1700	3400	1700

Capacity Analysis Module:

Vol/Sat:	0.03	0.07	0.07	0.04	0.14	0.14	0.10	0.31	0.31	0.03	0.49	0.60
Crit Moves:	****			****			****			****		

 Yorba Linda Housing Element / SP (JN 13763)
 2045 With Project
 AM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #3 Imperial Hwy. & Bastanchury Rd.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.856
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxxx
 Optimal Cycle: 82 Level Of Service: D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	2	0	3	0	1	1	2	0	3	0	1	1

Volume Module:

Base Vol:	313	1306	4	249	1401	3	16	399	324	2	728	645
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	313	1306	4	249	1401	3	16	399	324	2	728	645
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	313	1306	4	249	1401	3	16	399	324	2	728	645
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	313	1306	4	249	1401	3	16	399	324	2	728	645
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	313	1306	4	249	1401	3	16	399	324	2	728	645

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	2.00	3.00	1.00	2.00	3.00	1.00	1.00	1.10	0.90	1.00	2.00	1.00
Final Sat.:	3400	5100	1700	3400	5100	1700	1700	1876	1524	1700	3400	1700

Capacity Analysis Module:

Vol/Sat:	0.09	0.26	0.00	0.07	0.27	0.00	0.01	0.21	0.21	0.00	0.21	0.38
Crit Moves:	****			****			****			****		

 Yorba Linda Housing Element / SP (JN 13763)
 2045 With Project
 AM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #4 Imperial Hwy. & Lemon Dr.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.507
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
 Optimal Cycle: 68 Level Of Service: A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Permitted			Protected			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	2 1 0	1	0	2 1 0	0	0	1! 0 0	0	0	1! 0 0

Volume Module:

Base Vol:	0	1489	37	22	1665	4	3	1	1	48	3	81
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	1489	37	22	1665	4	3	1	1	48	3	81
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	1489	37	22	1665	4	3	1	1	48	3	81
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	1489	37	22	1665	4	3	1	1	48	3	81
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	1489	37	22	1665	4	3	1	1	48	3	81

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.00	2.93	0.07	1.00	2.99	0.01	0.60	0.20	0.20	0.36	0.02	0.62
Final Sat.:	0	4976	124	1700	5088	12	1020	340	340	618	39	1043

Capacity Analysis Module:

Vol/Sat:	0.00	0.30	0.30	0.01	0.33	0.33	0.00	0.00	0.00	0.03	0.08	0.08
Crit Moves:				****			****			****		

 Yorba Linda Housing Element / SP (JN 13763)
 2045 With Project
 AM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #5 Imperial Hwy. & Yorba Linda Bl.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.903
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
 Optimal Cycle: 102 Level Of Service: E

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Ovl		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1	0	2	1	0	0	2	0	2	1	0	2

Volume Module:

Base Vol:	365	1015	217	337	1187	39	27	340	384	208	490	391
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	365	1015	217	337	1187	39	27	340	384	208	490	391
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	365	1015	217	337	1187	39	27	340	384	208	490	391
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	365	1015	217	337	1187	39	27	340	384	208	490	391
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	365	1015	217	337	1187	39	27	340	384	208	490	391
OvlAdjVol:												54

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	2.47	0.53	2.00	2.90	0.10	1.00	2.00	1.00	1.00	3.00	2.00
Final Sat.:	1700	4202	898	3400	4938	162	1700	3400	1700	1700	5100	3400

Capacity Analysis Module:

Vol/Sat:	0.21	0.24	0.24	0.10	0.24	0.24	0.02	0.10	0.23	0.12	0.10	0.12	
OvlAdjV/S:												0.02	
Crit Moves:	****						****						****

Intersection	
Intersection Delay, s/veh	195.4
Intersection LOS	F

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	↶	↷		↶	↷		↶	↷	↶	↶	↷	↷
Traffic Vol, veh/h	201	122	68	48	111	61	58	318	45	73	761	214
Future Vol, veh/h	201	122	68	48	111	61	58	318	45	73	761	214
Peak Hour Factor	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	245	149	83	59	135	74	71	388	55	89	928	261
Number of Lanes	1	1	0	1	1	0	1	1	1	1	2	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	2	2	3	3
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	3	3	2	2
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	3	3	2	2
HCM Control Delay	43.8	33.7	116.6	317.6
HCM LOS	E	D	F	F

Lane	NBLn1	NBLn2	NBLn3	EBLn1	EBLn2	WBLn1	WBLn2	SBLn1	SBLn2	SBLn3
Vol Left, %	100%	0%	0%	100%	0%	100%	0%	100%	0%	0%
Vol Thru, %	0%	100%	0%	0%	64%	0%	65%	0%	100%	54%
Vol Right, %	0%	0%	100%	0%	36%	0%	35%	0%	0%	46%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	58	318	45	201	190	48	172	73	507	468
LT Vol	58	0	0	201	0	48	0	73	0	0
Through Vol	0	318	0	0	122	0	111	0	507	254
RT Vol	0	0	45	0	68	0	61	0	0	214
Lane Flow Rate	71	388	55	245	232	59	210	89	619	570
Geometry Grp	8	8	8	8	8	8	8	8	8	8
Degree of Util (X)	0.227	1.189	0.158	0.782	0.691	0.199	0.67	0.266	1.761	1.573
Departure Headway (Hd)	12.703	12.18	11.449	12.766	11.997	13.418	12.648	11.363	10.835	10.496
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cap	284	302	315	287	304	269	287	318	340	354
Service Time	10.403	9.88	9.149	10.466	9.697	11.118	10.348	9.063	8.535	8.196
HCM Lane V/C Ratio	0.25	1.285	0.175	0.854	0.763	0.219	0.732	0.28	1.821	1.61
HCM Control Delay	19.1	148.6	16.3	49.5	37.7	19.4	37.7	18.1	379.5	297.2
HCM Lane LOS	C	F	C	E	E	C	E	C	F	F
HCM 95th-tile Q	0.9	15.5	0.6	6	4.8	0.7	4.4	1	37.5	31.1

Intersection

Int Delay, s/veh 358.4

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	↖		↗					↕		↖	↗	
Traffic Vol, veh/h	26	0	263	0	0	0	0	445	158	459	489	0
Future Vol, veh/h	26	0	263	0	0	0	0	445	158	459	489	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	3	0	0	1
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	0	-	360	-	-	-	-	-	-	100	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	65	65	65	65	65	65	65	65	65	65	65	65
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	40	0	405	0	0	0	0	685	243	706	752	0

Major/Minor	Minor2			Major1			Major2		
Conflicting Flow All	2507	-	376	-	0	0	931	0	0
Stage 1	2164	-	-	-	-	-	-	-	-
Stage 2	343	-	-	-	-	-	-	-	-
Critical Hdwy	6.84	-	6.94	-	-	-	4.14	-	-
Critical Hdwy Stg 1	5.84	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	5.84	-	-	-	-	-	-	-	-
Follow-up Hdwy	3.52	-	3.32	-	-	-	2.22	-	-
Pot Cap-1 Maneuver	~ 23	0	622	0	-	-	731	-	0
Stage 1	74	0	-	0	-	-	-	-	0
Stage 2	690	0	-	0	-	-	-	-	0
Platoon blocked, %									
Mov Cap-1 Maneuver	~ 1	0	622	-	-	-	731	-	-
Mov Cap-2 Maneuver	~ 1	0	-	-	-	-	-	-	-
Stage 1	74	0	-	-	-	-	-	-	-
Stage 2	~ 23	0	-	-	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, \$ 2204.1		0	23.8
HCM LOS	F		

Minor Lane/Major Mvmt	NBT	NBR	EBLn1	EBLn2	SBL	SBT
Capacity (veh/h)	-	-	1	622	731	-
HCM Lane V/C Ratio	-	-	40	0.651	0.966	-
HCM Control Delay (s)	-	-	\$ 24288	20.9	49.2	-
HCM Lane LOS	-	-	F	C	E	-
HCM 95th %tile Q(veh)	-	-	7	4.8	14.8	-

Notes

~: Volume exceeds capacity \$: Delay exceeds 300s +: Computation Not Defined *: All major volume in platoon

Timings
8: Kellog Dr. & SR 90 WB Ramps

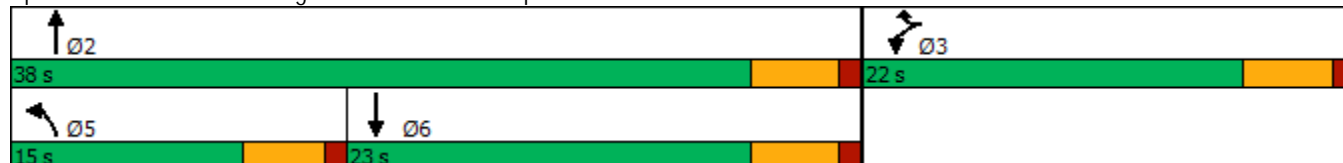


Lane Group	WBL	WBR	NBL	NBT	SBT
Lane Configurations	↶	↷	↶	↑↑	↑↓
Traffic Volume (vph)	98	263	159	312	850
Future Volume (vph)	98	263	159	312	850
Turn Type	Prot	Prot	Prot	NA	NA
Protected Phases	3	3	5	2	6
Permitted Phases					
Detector Phase	3	3	5	2	6
Switch Phase					
Minimum Initial (s)	10.0	10.0	5.0	10.0	10.0
Minimum Split (s)	22.0	22.0	14.0	23.0	23.0
Total Split (s)	22.0	22.0	15.0	38.0	23.0
Total Split (%)	36.7%	36.7%	25.0%	63.3%	38.3%
Yellow Time (s)	4.0	4.0	3.6	4.0	4.0
All-Red Time (s)	1.0	1.0	1.0	1.0	1.0
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	5.0	5.0	4.6	5.0	5.0
Lead/Lag			Lead		Lag
Lead-Lag Optimize?			Yes		Yes
Recall Mode	None	None	None	None	None

Intersection Summary

Cycle Length: 60
 Actuated Cycle Length: 53
 Natural Cycle: 65
 Control Type: Actuated-Uncoordinated

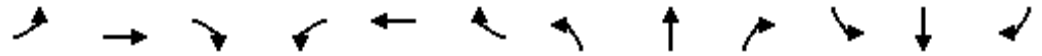
Splits and Phases: 8: Kellog Dr. & SR 90 WB Ramps



HCM 6th Signalized Intersection Summary
8: Kellog Dr. & SR 90 WB Ramps

Yorba Linda Element and SP (JN 13763)

04/12/2022



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations				↖		↖	↖	↕			↕	↗
Traffic Volume (veh/h)	0	0	0	98	0	263	159	312	0	0	850	113
Future Volume (veh/h)	0	0	0	98	0	263	159	312	0	0	850	113
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		0.97
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach				No		No		No		No		No
Adj Sat Flow, veh/h/ln				1870	0	1870	1870	1870	0	0	1870	1870
Adj Flow Rate, veh/h				131	0	79	212	416	0	0	1133	143
Peak Hour Factor				0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
Percent Heavy Veh, %				2	0	2	2	2	0	0	2	2
Cap, veh/h				340	0	303	265	2155	0	0	1153	145
Arrive On Green				0.19	0.00	0.19	0.15	0.61	0.00	0.00	0.36	0.36
Sat Flow, veh/h				1781	0	1585	1781	3647	0	0	3258	398
Grp Volume(v), veh/h				131	0	79	212	416	0	0	635	641
Grp Sat Flow(s),veh/h/ln				1781	0	1585	1781	1777	0	0	1777	1786
Q Serve(g_s), s				3.2	0.0	2.1	5.7	2.6	0.0	0.0	17.4	17.6
Cycle Q Clear(g_c), s				3.2	0.0	2.1	5.7	2.6	0.0	0.0	17.4	17.6
Prop In Lane				1.00		1.00	1.00		0.00	0.00		0.22
Lane Grp Cap(c), veh/h				340	0	303	265	2155	0	0	648	651
V/C Ratio(X)				0.38	0.00	0.26	0.80	0.19	0.00	0.00	0.98	0.98
Avail Cap(c_a), veh/h				613	0	546	375	2375	0	0	648	651
HCM Platoon Ratio				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	1.00	1.00	0.00	0.00	1.00	1.00
Uniform Delay (d), s/veh				17.4	0.0	17.0	20.3	4.3	0.0	0.0	15.5	15.6
Incr Delay (d2), s/veh				0.7	0.0	0.5	5.2	0.0	0.0	0.0	30.3	31.3
Initial Q Delay(d3),s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				1.2	0.0	0.7	2.5	0.6	0.0	0.0	11.2	11.5
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh				18.1	0.0	17.5	25.5	4.4	0.0	0.0	45.9	46.9
LnGrp LOS				B	A	B	C	A	A	A	D	D
Approach Vol, veh/h					210			628			1276	
Approach Delay, s/veh					17.9			11.5			46.4	
Approach LOS					B			B			D	
Timer - Assigned Phs		2			5	6		8				
Phs Duration (G+Y+Rc), s		34.9			11.9	23.0		14.4				
Change Period (Y+Rc), s		5.0			4.6	5.0		5.0				
Max Green Setting (Gmax), s		33.0			10.4	18.0		17.0				
Max Q Clear Time (g_c+I1), s		4.6			7.7	19.6		5.2				
Green Ext Time (p_c), s		2.9			0.1	0.0		0.5				

Intersection Summary

HCM 6th Ctrl Delay	33.2
HCM 6th LOS	C

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Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #9 Plumosa Dr. & Bastanchury Rd.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.427
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxxx
 Optimal Cycle: 30 Level Of Service: A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1	0	0	0	0	0	0	0	1	1	0	0

Volume Module:

Base Vol:	115	0	121	0	0	0	0	592	65	79	882	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	115	0	121	0	0	0	0	592	65	79	882	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	115	0	121	0	0	0	0	592	65	79	882	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	115	0	121	0	0	0	0	592	65	79	882	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	115	0	121	0	0	0	0	592	65	79	882	0

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	0.00	1.00	0.00	0.00	0.00	0.00	1.80	0.20	1.00	2.00	0.00
Final Sat.:	1700	0	1700	0	0	0	0	3064	336	1700	3400	0

Capacity Analysis Module:

Vol/Sat:	0.07	0.00	0.07	0.00	0.00	0.00	0.00	0.19	0.19	0.05	0.26	0.00
Crit Moves:	****						****			****		

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Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #10 Lakeview Av. & Bastanchury Rd.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.615
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
 Optimal Cycle: 41 Level Of Service: B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Ovl			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1	0	1	1	0	1	1	0	1	1	0	1

Volume Module:

Base Vol:	140	56	184	102	131	67	33	524	162	246	913	102
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	140	56	184	102	131	67	33	524	162	246	913	102
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	140	56	184	102	131	67	33	524	162	246	913	102
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	140	56	184	102	131	67	33	524	162	246	913	102
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	140	56	184	102	131	67	33	524	162	246	913	102
OvlAdjVol:						34						

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.53	0.47	1.00	1.80	0.20
Final Sat.:	1700	1700	1700	1700	1700	1700	1700	2597	803	1700	3058	342

Capacity Analysis Module:

Vol/Sat:	0.08	0.03	0.11	0.06	0.08	0.04	0.02	0.20	0.20	0.14	0.30	0.30
OvlAdjV/S:						0.02						
Crit Moves:			****	****			****			****		

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Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #11 Lakeview Av. & Lemon Dr.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.330
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxxx
 Optimal Cycle: 26 Level Of Service: A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Prot+Permit			Prot+Permit			Split Phase			Split Phase		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1	0	1	1	0	1	0	1	0	0	1	0

Volume Module:

Base Vol:	43	324	2	0	535	40	19	1	60	0	1	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	43	324	2	0	535	40	19	1	60	0	1	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	43	324	2	0	535	40	19	1	60	0	1	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	43	324	2	0	535	40	19	1	60	0	1	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	43	324	2	0	535	40	19	1	60	0	1	0

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.99	0.01	1.00	1.86	0.14	0.95	0.05	1.00	0.00	1.00	0.00
Final Sat.:	1700	3379	21	1700	3163	237	1615	85	1700	0	1700	0

Capacity Analysis Module:

Vol/Sat:	0.03	0.10	0.10	0.00	0.17	0.17	0.01	0.01	0.04	0.00	0.00	0.00
Crit Moves:	****			****			****			****		

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Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #12 Lakeview Av. & Yorba Linda Bl.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.730
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
 Optimal Cycle: 54 Level Of Service: C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Ovl			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	2	0	2	0	1	1	0	1	0	2	1	0

Volume Module:

Base Vol:	139	217	211	95	419	105	157	654	270	431	816	97
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	139	217	211	95	419	105	157	654	270	431	816	97
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	139	217	211	95	419	105	157	654	270	431	816	97
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	139	217	211	95	419	105	157	654	270	431	816	97
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	139	217	211	95	419	105	157	654	270	431	816	97
OvlAdjVol:	0											

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	2.00	2.00	1.00	2.00	1.60	0.40	1.00	2.12	0.88	1.00	2.68	0.32
Final Sat.:	3400	3400	1700	3400	2719	681	1700	3610	1490	1700	4558	542

Capacity Analysis Module:

Vol/Sat:	0.04	0.06	0.12	0.03	0.15	0.15	0.09	0.18	0.18	0.25	0.18	0.18
OvlAdjV/S:	0.00											
Crit Moves:	****			****			****			****		

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Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #13 Ohio St. & Yorba Linda Bl.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.350
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxxx
 Optimal Cycle: 34 Level Of Service: A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Permitted			Permitted			Protected			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	1	0	1	0	1	0	2	1	0	0

Volume Module:

Base Vol:	0	0	0	67	0	14	15	1073	0	0	736	55
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	67	0	14	15	1073	0	0	736	55
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	67	0	14	15	1073	0	0	736	55
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	67	0	14	15	1073	0	0	736	55
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	0	67	0	14	15	1073	0	0	736	55

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.00	1.00	0.00	1.00	0.00	1.00	1.00	3.00	0.00	0.00	2.79	0.21
Final Sat.:	0	1700	0	1700	0	1700	1700	5100	0	0	4745	355

Capacity Analysis Module:

Vol/Sat:	0.00	0.00	0.00	0.04	0.00	0.01	0.01	0.21	0.00	0.00	0.16	0.16
Crit Moves:				****				****				

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Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #14 Fairmont Bl. & Bastanchury Rd.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.616
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxxx
 Optimal Cycle: 41 Level Of Service: B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1	0	2	0	1	1	1	0	1	1	0	1

Volume Module:

Base Vol:	212	186	41	40	279	291	97	339	194	107	476	17
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	212	186	41	40	279	291	97	339	194	107	476	17
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	212	186	41	40	279	291	97	339	194	107	476	17
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	212	186	41	40	279	291	97	339	194	107	476	17
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	212	186	41	40	279	291	97	339	194	107	476	17

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	2.00	1.00	1.00	2.00	1.00	1.00	1.27	0.73	1.00	1.93	0.07
Final Sat.:	1700	3400	1700	1700	3400	1700	1700	2162	1238	1700	3283	117

Capacity Analysis Module:

Vol/Sat:	0.12	0.05	0.02	0.02	0.08	0.17	0.06	0.16	0.16	0.06	0.15	0.14
Crit Moves:	****					****	****			****		

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Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #15 Fairmont Bl. & Yorba Linda Bl.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.607
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
 Optimal Cycle: 41 Level Of Service: B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Ovl			Ovl			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	2	0	1	1	0	1	0	3	0	1	0	2

Volume Module:

Base Vol:	297	246	67	115	281	284	143	475	162	132	772	96
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	297	246	67	115	281	284	143	475	162	132	772	96
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	297	246	67	115	281	284	143	475	162	132	772	96
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	297	246	67	115	281	284	143	475	162	132	772	96
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	297	246	67	115	281	284	143	475	162	132	772	96
OvlAdjVol:						0			13			

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	2.00	1.57	0.43	1.00	1.00	2.00	1.00	3.00	1.00	1.00	2.67	0.33
Final Sat.:	3400	2672	728	1700	1700	3400	1700	5100	1700	1700	4536	564

Capacity Analysis Module:

Vol/Sat:	0.09	0.09	0.09	0.07	0.17	0.08	0.08	0.09	0.10	0.08	0.17	0.17
OvlAdjV/S:						0.00			0.01			
Crit Moves:	****			****			****			****		

 Yorba Linda Housing Element / SP (JN 13763)
 2045 With Project
 AM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #16 Yorba Linda Bl. & Savi Ranch Pkwy.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.652
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
 Optimal Cycle: 45 Level Of Service: B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Ignore			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1	0	3	0	1	1	1	0	0	0	2	2

Volume Module:

Base Vol:	288	1103	765	255	1190	238	111	0	230	278	0	189
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	288	1103	765	255	1190	238	111	0	230	278	0	189
User Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	288	1103	0	255	1190	238	111	0	230	278	0	189
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	288	1103	0	255	1190	238	111	0	230	278	0	189
PCE Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	288	1103	0	255	1190	238	111	0	230	278	0	189

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	3.00	1.00	1.00	3.00	1.00	1.00	0.00	2.00	2.00	0.00	2.00
Final Sat.:	1700	5100	1700	1700	5100	1700	1700	0	3400	3400	0	3400

Capacity Analysis Module:

Vol/Sat:	0.17	0.22	0.00	0.15	0.23	0.14	0.07	0.00	0.07	0.08	0.00	0.06
Crit Moves:	****			****			****	****		****	****	

Timings
17: Weir Canyon Rd & SR-91 WB Ramps

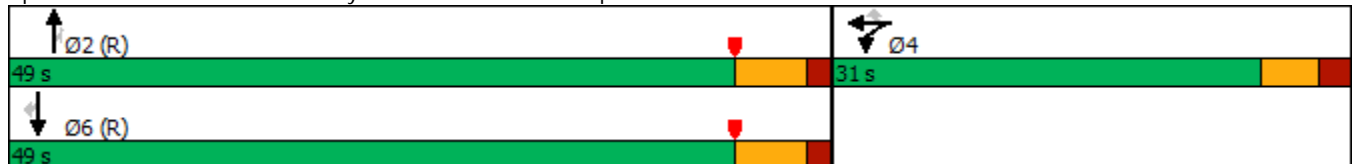


Lane Group	WBL	WBT	WBR	NBT	NBR	SBT	SBR
Lane Configurations	↖	↔	↗	↑↑↑	↗	↑↑↑	↗
Traffic Volume (vph)	368	0	620	1535	410	1340	358
Future Volume (vph)	368	0	620	1535	410	1340	358
Turn Type	Split	NA	Perm	NA	Perm	NA	Perm
Protected Phases	4	4		2		6	
Permitted Phases			4		2		6
Detector Phase	4	4	4	2	2	6	6
Switch Phase							
Minimum Initial (s)	5.0	5.0	5.0	15.0	15.0	15.0	15.0
Minimum Split (s)	10.5	10.5	10.5	23.8	23.8	20.8	20.8
Total Split (s)	31.0	31.0	31.0	49.0	49.0	49.0	49.0
Total Split (%)	38.8%	38.8%	38.8%	61.3%	61.3%	61.3%	61.3%
Yellow Time (s)	3.5	3.5	3.5	4.3	4.3	4.3	4.3
All-Red Time (s)	2.0	2.0	2.0	1.5	1.5	1.5	1.5
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	5.5	5.5	5.5	5.8	5.8	5.8	5.8
Lead/Lag							
Lead-Lag Optimize?							
Recall Mode	None	None	None	C-Min	C-Min	C-Min	C-Min

Intersection Summary

Cycle Length: 80
 Actuated Cycle Length: 80
 Offset: 0 (0%), Referenced to phase 2:NBT and 6:SBT, Start of Yellow
 Natural Cycle: 50
 Control Type: Actuated-Coordinated

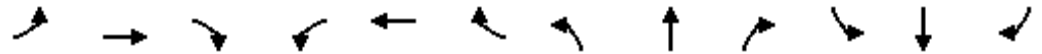
Splits and Phases: 17: Weir Canyon Rd & SR-91 WB Ramps



HCM 6th Signalized Intersection Summary
 17: Weir Canyon Rd & SR-91 WB Ramps

Yorba Linda Element and SP (JN 13763)

04/12/2022



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations				↖	↔	↗		↑↑↑	↗		↑↑↑	↗
Traffic Volume (veh/h)	0	0	0	368	0	620	0	1535	410	0	1340	358
Future Volume (veh/h)	0	0	0	368	0	620	0	1535	410	0	1340	358
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach				No			No			No		
Adj Sat Flow, veh/h/ln				1870	1870	1870	0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h				267	0	824	0	1687	0	0	1473	0
Peak Hour Factor				0.92	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
Percent Heavy Veh, %				2	2	2	0	2	2	0	2	2
Cap, veh/h				529	0	941	0	2869	0	0	3153	0
Arrive On Green				0.30	0.00	0.30	0.00	1.00	0.00	0.00	0.56	0.00
Sat Flow, veh/h				1781	0	3170	0	5274	1585	0	5611	1585
Grp Volume(v), veh/h				267	0	824	0	1687	0	0	1473	0
Grp Sat Flow(s),veh/h/ln				1781	0	1585	0	1702	1585	0	1870	1585
Q Serve(g_s), s				9.9	0.0	19.8	0.0	0.0	0.0	0.0	12.5	0.0
Cycle Q Clear(g_c), s				9.9	0.0	19.8	0.0	0.0	0.0	0.0	12.5	0.0
Prop In Lane				1.00		1.00	0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h				529	0	941	0	2869	0	0	3153	0
V/C Ratio(X)				0.50	0.00	0.88	0.00	0.59		0.00	0.47	
Avail Cap(c_a), veh/h				568	0	1010	0	2869		0	3153	
HCM Platoon Ratio				1.00	1.00	1.00	1.00	2.00	2.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	0.00	0.79	0.00	0.00	0.74	0.00
Uniform Delay (d), s/veh				23.3	0.0	26.7	0.0	0.0	0.0	0.0	10.4	0.0
Incr Delay (d2), s/veh				0.9	0.0	8.5	0.0	0.7	0.0	0.0	0.4	0.0
Initial Q Delay(d3),s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				4.1	0.0	8.2	0.0	0.2	0.0	0.0	4.4	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh				24.2	0.0	35.2	0.0	0.7	0.0	0.0	10.8	0.0
LnGrp LOS				C	A	D	A	A		A	B	
Approach Vol, veh/h					1091			1687	A		1473	A
Approach Delay, s/veh					32.5			0.7			10.8	
Approach LOS					C			A			B	
Timer - Assigned Phs		2		4		6						
Phs Duration (G+Y+Rc), s		50.8		29.2		50.8						
Change Period (Y+Rc), s		5.8		5.5		5.8						
Max Green Setting (Gmax), s		43.2		25.5		43.2						
Max Q Clear Time (g_c+I1), s		2.0		21.8		14.5						
Green Ext Time (p_c), s		17.3		2.0		12.4						

Intersection Summary

HCM 6th Ctrl Delay	12.4
HCM 6th LOS	B

Notes

User approved volume balancing among the lanes for turning movement.
 Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.

Timings
18: Weir Canyon Rd & SR-91 EB Ramps

Yorba Linda Element and SP (JN 13763)

04/12/2022

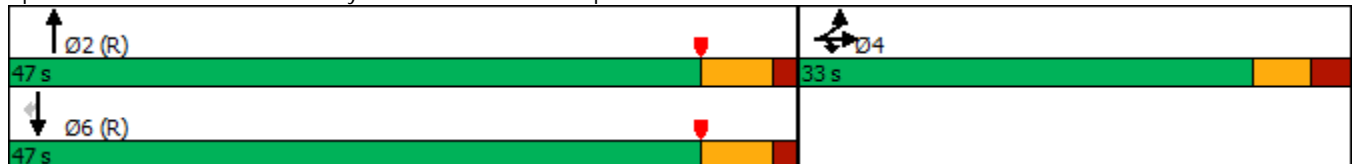


Lane Group	EBL	EBT	EBR	NBT	NBR	SBT	SBR
Lane Configurations							
Traffic Volume (vph)	651	0	499	1295	440	1001	707
Future Volume (vph)	651	0	499	1295	440	1001	707
Turn Type	Split	NA	Prot	NA	Free	NA	Perm
Protected Phases	4	4	4	2		6	
Permitted Phases					Free		6
Detector Phase	4	4	4	2		6	6
Switch Phase							
Minimum Initial (s)	5.0	5.0	5.0	15.0		15.0	15.0
Minimum Split (s)	11.0	11.0	11.0	20.8		27.8	27.8
Total Split (s)	33.0	33.0	33.0	47.0		47.0	47.0
Total Split (%)	41.3%	41.3%	41.3%	58.8%		58.8%	58.8%
Yellow Time (s)	3.5	3.5	3.5	4.3		4.3	4.3
All-Red Time (s)	2.5	2.5	2.5	1.5		1.5	1.5
Lost Time Adjust (s)	0.0	0.0	0.0	0.0		0.0	0.0
Total Lost Time (s)	6.0	6.0	6.0	5.8		5.8	5.8
Lead/Lag							
Lead-Lag Optimize?							
Recall Mode	None	None	None	C-Min		C-Min	C-Min

Intersection Summary

Cycle Length: 80
 Actuated Cycle Length: 80
 Offset: 78.2 (98%), Referenced to phase 2:NBT and 6:SBT, Start of Yellow
 Natural Cycle: 55
 Control Type: Actuated-Coordinated

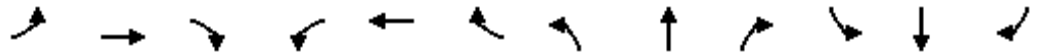
Splits and Phases: 18: Weir Canyon Rd & SR-91 EB Ramps



HCM 6th Signalized Intersection Summary
 18: Weir Canyon Rd & SR-91 EB Ramps

Yorba Linda Element and SP (JN 13763)

04/12/2022



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	651	0	499	0	0	0	0	1295	440	0	1001	707
Future Volume (veh/h)	651	0	499	0	0	0	0	1295	440	0	1001	707
Initial Q (Qb), veh	0	0	0				0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00				1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No						No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870				0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h	807	0	229				0	1392	0	0	1076	0
Peak Hour Factor	0.93	0.93	0.93				0.93	0.93	0.93	0.93	0.93	0.93
Percent Heavy Veh, %	2	2	2				0	2	2	0	2	2
Cap, veh/h	989	0	440				0	2936		0	2936	
Arrive On Green	0.28	0.00	0.28				0.00	0.58	0.00	0.00	1.00	0.00
Sat Flow, veh/h	3563	0	1585				0	5274	1585	0	5274	1585
Grp Volume(v), veh/h	807	0	229				0	1392	0	0	1076	0
Grp Sat Flow(s),veh/h/ln	1781	0	1585				0	1702	1585	0	1702	1585
Q Serve(g_s), s	16.9	0.0	9.8				0.0	12.7	0.0	0.0	0.0	0.0
Cycle Q Clear(g_c), s	16.9	0.0	9.8				0.0	12.7	0.0	0.0	0.0	0.0
Prop In Lane	1.00		1.00				0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h	989	0	440				0	2936		0	2936	
V/C Ratio(X)	0.82	0.00	0.52				0.00	0.47		0.00	0.37	
Avail Cap(c_a), veh/h	1202	0	535				0	2936		0	2936	
HCM Platoon Ratio	1.00	1.00	1.00				1.00	1.00	1.00	1.00	2.00	2.00
Upstream Filter(I)	1.00	0.00	1.00				0.00	1.00	0.00	0.00	0.78	0.00
Uniform Delay (d), s/veh	27.0	0.0	24.4				0.0	9.9	0.0	0.0	0.0	0.0
Incr Delay (d2), s/veh	4.0	0.0	1.2				0.0	0.6	0.0	0.0	0.3	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	7.4	0.0	3.7				0.0	4.0	0.0	0.0	0.1	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	31.0	0.0	25.6				0.0	10.5	0.0	0.0	0.3	0.0
LnGrp LOS	C	A	C				A	B		A	A	
Approach Vol, veh/h		1036						1392	A		1076	A
Approach Delay, s/veh		29.8						10.5			0.3	
Approach LOS		C						B			A	
Timer - Assigned Phs		2		4				6				
Phs Duration (G+Y+Rc), s		51.8		28.2				51.8				
Change Period (Y+Rc), s		5.8		6.0				5.8				
Max Green Setting (Gmax), s		41.2		27.0				41.2				
Max Q Clear Time (g_c+I1), s		14.7		18.9				2.0				
Green Ext Time (p_c), s		17.9		3.3				17.1				

Intersection Summary

HCM 6th Ctrl Delay	13.1
HCM 6th LOS	B

Notes

User approved volume balancing among the lanes for turning movement.
 Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.

 Yorba Linda Housing Element / SP (JN 13763)
 2045 With Project
 AM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #19 Gypsum Canyon Rd. & La Palma Av.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.721
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
 Optimal Cycle: 53 Level Of Service: C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Ovl			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1	0	1	0	1	0	1	0	1	1	0	1

Volume Module:

Base Vol:	272	27	273	1	39	1	1	76	263	749	217	2
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	272	27	273	1	39	1	1	76	263	749	217	2
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	272	27	273	1	39	1	1	76	263	749	217	2
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	272	27	273	1	39	1	1	76	263	749	217	2
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	272	27	273	1	39	1	1	76	263	749	217	2
OvlAdjVol:									72			

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.43	0.14	1.43	0.02	0.98	1.00	1.00	1.00	1.00	1.00	1.98	0.02
Final Sat.:	2425	241	2434	43	1658	1700	1700	1700	1700	1700	3369	31

Capacity Analysis Module:

Vol/Sat:	0.11	0.11	0.11	0.02	0.02	0.00	0.00	0.04	0.15	0.44	0.06	0.06
OvlAdjV/S:									0.04			
Crit Moves:			****			****			****			****

 Yorba Linda Housing Element / SP (JN 13763)
 2045 With Project
 PM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #1 Rose Dr. & Imperial Hwy.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.947
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxxx
 Optimal Cycle: 131 Level Of Service: E

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	2	0	2	0	1	1	1	0	2	1	0	2

Volume Module:

Base Vol:	238	444	109	902	345	26	42	1299	44	171	966	725
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	238	444	109	902	345	26	42	1299	44	171	966	725
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	238	444	109	902	345	26	42	1299	44	171	966	725
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	238	444	109	902	345	26	42	1299	44	171	966	725
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	238	444	109	902	345	26	42	1299	44	171	966	725

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	2.00	2.00	1.00	2.00	2.00	1.00	1.00	2.90	0.10	2.00	3.00	1.00
Final Sat.:	3400	3400	1700	3400	3400	1700	1700	4933	167	3400	5100	1700

Capacity Analysis Module:

Vol/Sat:	0.07	0.13	0.06	0.27	0.10	0.02	0.02	0.26	0.26	0.05	0.19	0.43
Crit Moves:	****			****			****			****		

 Yorba Linda Housing Element / SP (JN 13763)
 2045 With Project
 PM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #2 Prospect Av. & Imperial Hwy.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.742
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxxx
 Optimal Cycle: 56 Level Of Service: C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Permitted			Permitted			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1	0	0	1	0	0	1	0	2	1	0	2

Volume Module:

Base Vol:	50	119	12	81	111	156	117	2141	117	22	1795	80
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	50	119	12	81	111	156	117	2141	117	22	1795	80
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	50	119	12	81	111	156	117	2141	117	22	1795	80
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	50	119	12	81	111	156	117	2141	117	22	1795	80
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	50	119	12	81	111	156	117	2141	117	22	1795	80

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	0.91	0.09	1.00	0.42	0.58	1.00	2.84	0.16	1.00	2.87	0.13
Final Sat.:	1700	1544	156	1700	707	993	1700	4836	264	1700	4882	218

Capacity Analysis Module:

Vol/Sat:	0.03	0.08	0.08	0.05	0.16	0.16	0.07	0.44	0.44	0.01	0.37	0.37
Crit Moves:	****			****			****			****		

 Yorba Linda Housing Element / SP (JN 13763)
 2045 With Project
 PM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #3 Imperial Hwy. & Bastanchury Rd.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.827
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
 Optimal Cycle: 73 Level Of Service: D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	2	0	3	0	1	1	2	0	3	0	1	1

Volume Module:

Base Vol:	287	1327	17	630	1477	3	19	553	383	10	350	405
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	287	1327	17	630	1477	3	19	553	383	10	350	405
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	287	1327	17	630	1477	3	19	553	383	10	350	405
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	287	1327	17	630	1477	3	19	553	383	10	350	405
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	287	1327	17	630	1477	3	19	553	383	10	350	405

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	2.00	3.00	1.00	2.00	3.00	1.00	1.00	1.18	0.82	1.00	2.00	1.00
Final Sat.:	3400	5100	1700	3400	5100	1700	1700	2009	1391	1700	3400	1700

Capacity Analysis Module:

Vol/Sat:	0.08	0.26	0.01	0.19	0.29	0.00	0.01	0.28	0.28	0.01	0.10	0.24
Crit Moves:	****			****			****			****		

 Yorba Linda Housing Element / SP (JN 13763)
 2045 With Project
 PM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #4 Imperial Hwy. & Lemon Dr.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.639
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxxx
 Optimal Cycle: 43 Level Of Service: B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Permitted			Protected			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	2 1 0	1	0	2 1 0	0	0	1! 0 0	0	0	1! 0 0

Volume Module:

Base Vol:	0	1472	69	120	1852	21	20	4	17	78	11	173
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	1472	69	120	1852	21	20	4	17	78	11	173
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	1472	69	120	1852	21	20	4	17	78	11	173
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	1472	69	120	1852	21	20	4	17	78	11	173
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	1472	69	120	1852	21	20	4	17	78	11	173

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.00	2.87	0.13	1.00	2.97	0.03	0.49	0.10	0.41	0.30	0.04	0.66
Final Sat.:	0	4872	228	1700	5043	57	829	166	705	506	71	1123

Capacity Analysis Module:

Vol/Sat:	0.00	0.30	0.30	0.07	0.37	0.37	0.01	0.02	0.02	0.05	0.15	0.15
Crit Moves:	****			****			****			****		

 Yorba Linda Housing Element / SP (JN 13763)
 2045 With Project
 PM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #5 Imperial Hwy. & Yorba Linda Bl.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.850
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
 Optimal Cycle: 80 Level Of Service: D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Ovl		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1	0	2	1	0	0	2	0	2	1	0	2

Volume Module:

Base Vol:	361	1103	214	525	1110	71	100	530	355	165	568	457
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	361	1103	214	525	1110	71	100	530	355	165	568	457
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	361	1103	214	525	1110	71	100	530	355	165	568	457
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	361	1103	214	525	1110	71	100	530	355	165	568	457
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	361	1103	214	525	1110	71	100	530	355	165	568	457
OvlAdjVol:	0											

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	2.51	0.49	2.00	2.82	0.18	1.00	2.00	1.00	1.00	3.00	2.00
Final Sat.:	1700	4271	829	3400	4793	307	1700	3400	1700	1700	5100	3400

Capacity Analysis Module:

Vol/Sat:	0.21	0.26	0.26	0.15	0.23	0.23	0.06	0.16	0.21	0.10	0.11	0.13
OvlAdjV/S:	0.00											
Crit Moves:	****	****					****	****	****			

Intersection	
Intersection Delay, s/veh	137.7
Intersection LOS	F

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	↵	↵		↵	↵		↵	↑	↵	↵	↵↵	
Traffic Vol, veh/h	340	66	71	32	51	67	96	593	36	29	457	182
Future Vol, veh/h	340	66	71	32	51	67	96	593	36	29	457	182
Peak Hour Factor	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	351	68	73	33	53	69	99	611	37	30	471	188
Number of Lanes	1	1	0	1	1	0	1	1	1	1	2	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	2	2	3	3
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	3	3	2	2
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	3	3	2	2
HCM Control Delay	64.7	20.7	290.7	50
HCM LOS	F	C	F	E

Lane	NBLn1	NBLn2	NBLn3	EBLn1	EBLn2	WBLn1	WBLn2	SBLn1	SBLn2	SBLn3
Vol Left, %	100%	0%	0%	100%	0%	100%	0%	100%	0%	0%
Vol Thru, %	0%	100%	0%	0%	48%	0%	43%	0%	100%	46%
Vol Right, %	0%	0%	100%	0%	52%	0%	57%	0%	0%	54%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	96	593	36	340	137	32	118	29	305	334
LT Vol	96	0	0	340	0	32	0	29	0	0
Through Vol	0	593	0	0	66	0	51	0	305	152
RT Vol	0	0	36	0	71	0	67	0	0	182
Lane Flow Rate	99	611	37	351	141	33	122	30	314	345
Geometry Grp	8	8	8	8	8	8	8	8	8	8
Degree of Util (X)	0.29	1.703	0.096	0.989	0.365	0.107	0.364	0.083	0.827	0.871
Departure Headway (Hd)	10.554	10.031	9.299	11.421	10.531	13.053	12.114	11.298	10.77	10.368
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cap	342	367	387	319	345	276	299	319	339	352
Service Time	8.264	7.741	7.009	9.121	8.231	10.753	9.814	8.998	8.47	8.068
HCM Lane V/C Ratio	0.289	1.665	0.096	1.1	0.409	0.12	0.408	0.094	0.926	0.98
HCM Control Delay	17.5	351.8	13	83	19.2	17.3	21.6	15	48.9	54.1
HCM Lane LOS	C	F	B	F	C	C	C	B	E	F
HCM 95th-tile Q	1.2	37.6	0.3	10.6	1.6	0.4	1.6	0.3	7.2	8.2

Intersection												
Int Delay, s/veh	8.2											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	↘		↗					↕		↘	↕	
Traffic Vol, veh/h	92	1	159	0	0	0	0	458	97	242	261	0
Future Vol, veh/h	92	1	159	0	0	0	0	458	97	242	261	0
Conflicting Peds, #/hr	0	0	1	0	0	0	0	0	11	0	0	6
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	0	-	360	-	-	-	-	-	-	100	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	89	89	89	89	89	89	89	89	89	89	89	89
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	103	1	179	0	0	0	0	515	109	272	293	0

Major/Minor	Minor2			Major1			Major2		
Conflicting Flow All	1095	1472	148	-	0	0	635	0	0
Stage 1	837	837	-	-	-	-	-	-	-
Stage 2	258	635	-	-	-	-	-	-	-
Critical Hdwy	6.84	6.54	6.94	-	-	-	4.14	-	-
Critical Hdwy Stg 1	5.84	5.54	-	-	-	-	-	-	-
Critical Hdwy Stg 2	5.84	5.54	-	-	-	-	-	-	-
Follow-up Hdwy	3.52	4.02	3.32	-	-	-	2.22	-	-
Pot Cap-1 Maneuver	208	126	872	0	-	-	944	-	0
Stage 1	385	380	-	0	-	-	-	-	0
Stage 2	761	471	-	0	-	-	-	-	0
Platoon blocked, %									
Mov Cap-1 Maneuver	148	0	871	-	-	-	944	-	-
Mov Cap-2 Maneuver	148	0	-	-	-	-	-	-	-
Stage 1	385	0	-	-	-	-	-	-	-
Stage 2	542	0	-	-	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	32.9	0	5
HCM LOS	D		

Minor Lane/Major Mvmt	NBT	NBR	EBLn1	EBLn2	SBL	SBT
Capacity (veh/h)	-	-	148	871	944	-
HCM Lane V/C Ratio	-	-	0.698	0.205	0.288	-
HCM Control Delay (s)	-	-	72.1	10.2	10.3	-
HCM Lane LOS	-	-	F	B	B	-
HCM 95th %tile Q(veh)	-	-	4	0.8	1.2	-

Timings
8: Kellog Dr. & SR 90 WB Ramps

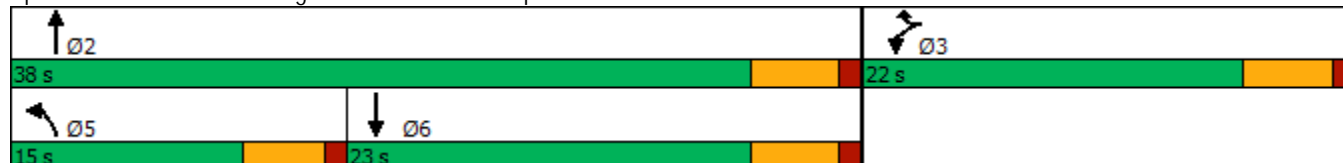


Lane Group	WBL	WBR	NBL	NBT	SBT
Lane Configurations	↶	↷	↶	↑↑	↑↑
Traffic Volume (vph)	90	389	130	420	413
Future Volume (vph)	90	389	130	420	413
Turn Type	Prot	Prot	Prot	NA	NA
Protected Phases	3	3	5	2	6
Permitted Phases					
Detector Phase	3	3	5	2	6
Switch Phase					
Minimum Initial (s)	10.0	10.0	5.0	10.0	10.0
Minimum Split (s)	22.0	22.0	9.6	23.0	23.0
Total Split (s)	22.0	22.0	15.0	38.0	23.0
Total Split (%)	36.7%	36.7%	25.0%	63.3%	38.3%
Yellow Time (s)	4.0	4.0	3.6	4.0	4.0
All-Red Time (s)	1.0	1.0	1.0	1.0	1.0
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	5.0	5.0	4.6	5.0	5.0
Lead/Lag			Lead		Lag
Lead-Lag Optimize?			Yes		Yes
Recall Mode	None	None	None	None	None

Intersection Summary

Cycle Length: 60
 Actuated Cycle Length: 45.2
 Natural Cycle: 55
 Control Type: Actuated-Uncoordinated

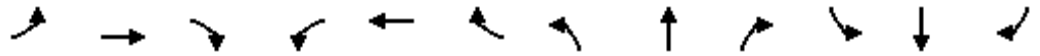
Splits and Phases: 8: Kellog Dr. & SR 90 WB Ramps



HCM 6th Signalized Intersection Summary
8: Kellog Dr. & SR 90 WB Ramps

Yorba Linda Element and SP (JN 13763)

04/12/2022



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations				↖		↖	↖	↑↑			↑↑	
Traffic Volume (veh/h)	0	0	0	90	0	389	130	420	0	0	413	45
Future Volume (veh/h)	0	0	0	90	0	389	130	420	0	0	413	45
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		0.97
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach				No		No		No		No		No
Adj Sat Flow, veh/h/ln				1870	0	1870	1870	1870	0	0	1870	1870
Adj Flow Rate, veh/h				98	0	223	141	457	0	0	449	42
Peak Hour Factor				0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %				2	0	2	2	2	0	0	2	2
Cap, veh/h				450	0	400	182	1728	0	0	864	80
Arrive On Green				0.25	0.00	0.25	0.10	0.49	0.00	0.00	0.26	0.26
Sat Flow, veh/h				1781	0	1585	1781	3647	0	0	3370	305
Grp Volume(v), veh/h				98	0	223	141	457	0	0	243	248
Grp Sat Flow(s),veh/h/ln				1781	0	1585	1781	1777	0	0	1777	1805
Q Serve(g_s), s				1.7	0.0	4.7	3.0	2.9	0.0	0.0	4.5	4.5
Cycle Q Clear(g_c), s				1.7	0.0	4.7	3.0	2.9	0.0	0.0	4.5	4.5
Prop In Lane				1.00		1.00	1.00		0.00	0.00		0.17
Lane Grp Cap(c), veh/h				450	0	400	182	1728	0	0	469	476
V/C Ratio(X)				0.22	0.00	0.56	0.77	0.26	0.00	0.00	0.52	0.52
Avail Cap(c_a), veh/h				791	0	704	484	3064	0	0	836	849
HCM Platoon Ratio				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	1.00	1.00	0.00	0.00	1.00	1.00
Uniform Delay (d), s/veh				11.3	0.0	12.4	16.8	5.8	0.0	0.0	12.0	12.0
Incr Delay (d2), s/veh				0.2	0.0	1.2	2.7	0.1	0.0	0.0	0.9	0.9
Initial Q Delay(d3),s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				0.6	0.0	1.4	1.2	0.7	0.0	0.0	1.5	1.5
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh				11.6	0.0	13.7	19.4	5.9	0.0	0.0	12.9	12.9
LnGrp LOS				B	A	B	B	A	A	A	B	B
Approach Vol, veh/h					321			598			491	
Approach Delay, s/veh					13.0			9.1			12.9	
Approach LOS					B			A			B	
Timer - Assigned Phs		2			5	6		8				
Phs Duration (G+Y+Rc), s		23.6			8.5	15.1		14.7				
Change Period (Y+Rc), s		5.0			4.6	5.0		5.0				
Max Green Setting (Gmax), s		33.0			10.4	18.0		17.0				
Max Q Clear Time (g_c+I1), s		4.9			5.0	6.5		6.7				
Green Ext Time (p_c), s		3.2			0.1	2.3		0.8				

Intersection Summary

HCM 6th Ctrl Delay	11.3
HCM 6th LOS	B

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Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #9 Plumosa Dr. & Bastanchury Rd.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.402
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
 Optimal Cycle: 29 Level Of Service: A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1	0	0	0	0	0	0	0	1	1	0	2

Volume Module:

Base Vol:	27	0	32	0	0	0	0	866	60	24	650	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	27	0	32	0	0	0	0	866	60	24	650	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	27	0	32	0	0	0	0	866	60	24	650	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	27	0	32	0	0	0	0	866	60	24	650	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	27	0	32	0	0	0	0	866	60	24	650	0

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	0.00	1.00	0.00	0.00	0.00	0.00	1.87	0.13	1.00	2.00	0.00
Final Sat.:	1700	0	1700	0	0	0	0	3180	220	1700	3400	0

Capacity Analysis Module:

Vol/Sat:	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.27	0.27	0.01	0.19	0.00
Crit Moves:	****						****			****		

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Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #10 Lakeview Av. & Bastanchury Rd.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.618
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxxx
 Optimal Cycle: 41 Level Of Service: B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Ovl			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1	0	1	1	0	1	1	0	1	1	0	1

Volume Module:

Base Vol:	108	133	243	62	88	21	42	715	151	142	521	75
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	108	133	243	62	88	21	42	715	151	142	521	75
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	108	133	243	62	88	21	42	715	151	142	521	75
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	108	133	243	62	88	21	42	715	151	142	521	75
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	108	133	243	62	88	21	42	715	151	142	521	75
OvlAdjVol:	0											

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.65	0.35	1.00	1.75	0.25
Final Sat.:	1700	1700	1700	1700	1700	1700	1700	2807	593	1700	2972	428

Capacity Analysis Module:

Vol/Sat:	0.06	0.08	0.14	0.04	0.05	0.01	0.02	0.25	0.25	0.08	0.18	0.18
OvlAdjV/S:	0.00											
Crit Moves:	****			****			****			****		

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Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #11 Lakeview Av. & Lemon Dr.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.376
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxxx
 Optimal Cycle: 28 Level Of Service: A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Prot+Permit			Prot+Permit			Split Phase			Split Phase		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1	0	1	1	0	1	0	1	0	0	1	0

Volume Module:

Base Vol:	101	460	1	0	393	70	83	1	133	3	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	101	460	1	0	393	70	83	1	133	3	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	101	460	1	0	393	70	83	1	133	3	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	101	460	1	0	393	70	83	1	133	3	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	101	460	1	0	393	70	83	1	133	3	0	0

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.99	0.01	1.00	1.70	0.30	0.99	0.01	1.00	1.00	0.00	0.00
Final Sat.:	1700	3393	7	1700	2886	514	1680	20	1700	1700	0	0

Capacity Analysis Module:

Vol/Sat:	0.06	0.14	0.14	0.00	0.14	0.14	0.05	0.05	0.08	0.00	0.00	0.00
Crit Moves:	****			****			****	****		****	****	

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Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #12 Lakeview Av. & Yorba Linda Bl.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.637
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxxx
 Optimal Cycle: 43 Level Of Service: B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Ovl			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	2	0	2	0	1	1	0	1	0	2	1	0

Volume Module:

Base Vol:	238	423	339	202	330	157	180	973	107	191	852	97
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	238	423	339	202	330	157	180	973	107	191	852	97
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	238	423	339	202	330	157	180	973	107	191	852	97
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	238	423	339	202	330	157	180	973	107	191	852	97
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	238	423	339	202	330	157	180	973	107	191	852	97
OvlAdjVol:	148											

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	2.00	2.00	1.00	2.00	1.36	0.64	1.00	2.70	0.30	1.00	2.69	0.31
Final Sat.:	3400	3400	1700	3400	2304	1096	1700	4595	505	1700	4579	521

Capacity Analysis Module:

Vol/Sat:	0.07	0.12	0.20	0.06	0.14	0.14	0.11	0.21	0.21	0.11	0.19	0.19
OvlAdjV/S:	0.09											
Crit Moves:	****			****			****			****		

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Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #13 Ohio St. & Yorba Linda Bl.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.408
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxxx
 Optimal Cycle: 29 Level Of Service: A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Permitted			Permitted			Protected			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	1	0	1	0	1	0	2	1	0	0

Volume Module:

Base Vol:	0	0	0	48	0	13	11	932	0	0	1327	69
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	48	0	13	11	932	0	0	1327	69
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	48	0	13	11	932	0	0	1327	69
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	48	0	13	11	932	0	0	1327	69
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	0	48	0	13	11	932	0	0	1327	69

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.00	1.00	0.00	1.00	0.00	1.00	1.00	3.00	0.00	0.00	2.85	0.15
Final Sat.:	0	1700	0	1700	0	1700	1700	5100	0	0	4848	252

Capacity Analysis Module:

Vol/Sat:	0.00	0.00	0.00	0.03	0.00	0.01	0.01	0.18	0.00	0.00	0.27	0.27
Crit Moves:				****			****			****		

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Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #14 Fairmont Bl. & Bastanchury Rd.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.490
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
 Optimal Cycle: 33 Level Of Service: A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1	0	2	0	1	1	1	0	1	1	0	1

Volume Module:

Base Vol:	150	140	41	29	89	132	182	431	216	43	362	36
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	150	140	41	29	89	132	182	431	216	43	362	36
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	150	140	41	29	89	132	182	431	216	43	362	36
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	150	140	41	29	89	132	182	431	216	43	362	36
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	150	140	41	29	89	132	182	431	216	43	362	36

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	2.00	1.00	1.00	2.00	1.00	1.00	1.33	0.67	1.00	1.82	0.18
Final Sat.:	1700	3400	1700	1700	3400	1700	1700	2265	1135	1700	3092	308

Capacity Analysis Module:

Vol/Sat:	0.09	0.04	0.02	0.02	0.03	0.08	0.11	0.19	0.19	0.03	0.12	0.12
Crit Moves:	****			****			****			****		

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Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #15 Fairmont Bl. & Yorba Linda Bl.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.589
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
 Optimal Cycle: 39 Level Of Service: A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Ovl			Ovl			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	2	0	1	1	0	1	0	3	0	1	0	2

Volume Module:

Base Vol:	239	27	94	138	174	159	275	928	225	81	692	98
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	239	27	94	138	174	159	275	928	225	81	692	98
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	239	27	94	138	174	159	275	928	225	81	692	98
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	239	27	94	138	174	159	275	928	225	81	692	98
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	239	27	94	138	174	159	275	928	225	81	692	98
OvlAdjVol:						0			106			

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	2.00	1.00	1.00	1.00	1.00	2.00	1.00	3.00	1.00	1.00	2.63	0.37
Final Sat.:	3400	1700	1700	1700	1700	3400	1700	5100	1700	1700	4467	633

Capacity Analysis Module:

Vol/Sat:	0.07	0.02	0.06	0.08	0.10	0.05	0.16	0.18	0.13	0.05	0.15	0.15
OvlAdjV/S:						0.00			0.06			
Crit Moves:	****			****			****			****		

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Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #16 Yorba Linda Bl. & Savi Ranch Pkwy.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.926
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxxx
 Optimal Cycle: 115 Level Of Service: E

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Ignore			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1	0	3	0	1	1	1	0	0	0	2	2

Volume Module:

Base Vol:	132	1549	517	377	1294	278	194	0	422	601	0	587
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	132	1549	517	377	1294	278	194	0	422	601	0	587
User Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	132	1549	0	377	1294	278	194	0	422	601	0	587
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	132	1549	0	377	1294	278	194	0	422	601	0	587
PCE Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	132	1549	0	377	1294	278	194	0	422	601	0	587

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	3.00	1.00	1.00	3.00	1.00	1.00	0.00	2.00	2.00	0.00	2.00
Final Sat.:	1700	5100	1700	1700	5100	1700	1700	0	3400	3400	0	3400

Capacity Analysis Module:

Vol/Sat:	0.08	0.30	0.00	0.22	0.25	0.16	0.11	0.00	0.12	0.18	0.00	0.17
Crit Moves:	****			****			****			****		

Timings
17: Weir Canyon Rd & SR-91 WB Ramps

Yorba Linda Element and SP (JN 13763)

04/12/2022

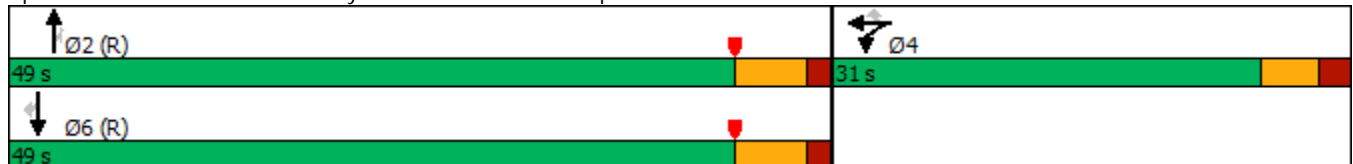


Lane Group	WBL	WBT	WBR	NBT	NBR	SBT	SBR
Lane Configurations							
Traffic Volume (vph)	622	0	616	1582	341	1669	649
Future Volume (vph)	622	0	616	1582	341	1669	649
Turn Type	Split	NA	Perm	NA	Perm	NA	Perm
Protected Phases	4	4		2		6	
Permitted Phases			4		2		6
Detector Phase	4	4	4	2	2	6	6
Switch Phase							
Minimum Initial (s)	5.0	5.0	5.0	15.0	15.0	15.0	15.0
Minimum Split (s)	10.5	10.5	10.5	23.8	23.8	20.8	20.8
Total Split (s)	31.0	31.0	31.0	49.0	49.0	49.0	49.0
Total Split (%)	38.8%	38.8%	38.8%	61.3%	61.3%	61.3%	61.3%
Yellow Time (s)	3.5	3.5	3.5	4.3	4.3	4.3	4.3
All-Red Time (s)	2.0	2.0	2.0	1.5	1.5	1.5	1.5
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	5.5	5.5	5.5	5.8	5.8	5.8	5.8
Lead/Lag							
Lead-Lag Optimize?							
Recall Mode	None	None	None	C-Min	C-Min	C-Min	C-Min

Intersection Summary

Cycle Length: 80
 Actuated Cycle Length: 80
 Offset: 43.2 (54%), Referenced to phase 2:NBT and 6:SBT, Start of Yellow
 Natural Cycle: 55
 Control Type: Actuated-Coordinated

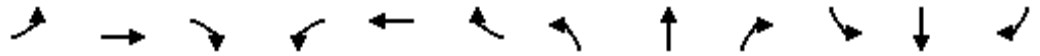
Splits and Phases: 17: Weir Canyon Rd & SR-91 WB Ramps



HCM 6th Signalized Intersection Summary
 17: Weir Canyon Rd & SR-91 WB Ramps

Yorba Linda Element and SP (JN 13763)

04/12/2022



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations				↖	↔	↗		↑↑↑	↗		↑↑↑	↗
Traffic Volume (veh/h)	0	0	0	622	0	616	0	1582	341	0	1669	649
Future Volume (veh/h)	0	0	0	622	0	616	0	1582	341	0	1669	649
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach				No			No			No		
Adj Sat Flow, veh/h/ln				1870	1870	1870	0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h				878	0	432	0	1665	0	0	1866	0
Peak Hour Factor				0.92	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %				2	2	2	0	2	2	0	2	2
Cap, veh/h				1091	0	485	0	2822		0	3101	
Arrive On Green				0.31	0.00	0.31	0.00	1.00	0.00	0.00	0.55	0.00
Sat Flow, veh/h				3563	0	1585	0	5274	1585	0	5611	1585
Grp Volume(v), veh/h				878	0	432	0	1665	0	0	1866	0
Grp Sat Flow(s),veh/h/ln				1781	0	1585	0	1702	1585	0	1870	1585
Q Serve(g_s), s				18.2	0.0	20.8	0.0	0.0	0.0	0.0	17.8	0.0
Cycle Q Clear(g_c), s				18.2	0.0	20.8	0.0	0.0	0.0	0.0	17.8	0.0
Prop In Lane				1.00		1.00	0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h				1091	0	485	0	2822		0	3101	
V/C Ratio(X)				0.81	0.00	0.89	0.00	0.59		0.00	0.60	
Avail Cap(c_a), veh/h				1136	0	505	0	2822		0	3101	
HCM Platoon Ratio				1.00	1.00	1.00	1.00	2.00	2.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	0.00	0.78	0.00	0.00	0.53	0.00
Uniform Delay (d), s/veh				25.6	0.0	26.5	0.0	0.0	0.0	0.0	12.0	0.0
Incr Delay (d2), s/veh				4.3	0.0	17.5	0.0	0.7	0.0	0.0	0.5	0.0
Initial Q Delay(d3),s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				8.0	0.0	9.8	0.0	0.2	0.0	0.0	6.3	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh				29.9	0.0	43.9	0.0	0.7	0.0	0.0	12.5	0.0
LnGrp LOS				C	A	D	A	A		A	B	
Approach Vol, veh/h					1310			1665	A		1866	A
Approach Delay, s/veh					34.5			0.7			12.5	
Approach LOS					C			A			B	
Timer - Assigned Phs		2		4		6						
Phs Duration (G+Y+Rc), s		50.0		30.0		50.0						
Change Period (Y+Rc), s		5.8		5.5		5.8						
Max Green Setting (Gmax), s		43.2		25.5		43.2						
Max Q Clear Time (g_c+I1), s		2.0		22.8		19.8						
Green Ext Time (p_c), s		17.0		1.7		14.7						

Intersection Summary

HCM 6th Ctrl Delay	14.4
HCM 6th LOS	B

Notes

User approved volume balancing among the lanes for turning movement.
 Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.

Timings
18: Weir Canyon Rd & SR-91 EB Ramps

Yorba Linda Element and SP (JN 13763)

04/12/2022

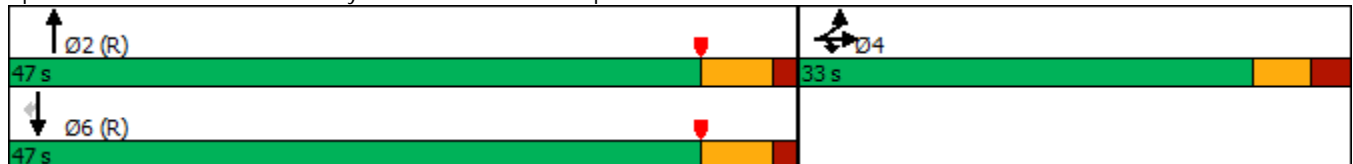


Lane Group	EBL	EBT	EBR	NBT	NBR	SBT	SBR
Lane Configurations							
Traffic Volume (vph)	371	0	562	1552	580	2001	290
Future Volume (vph)	371	0	562	1552	580	2001	290
Turn Type	Split	NA	Prot	NA	Free	NA	Perm
Protected Phases	4	4	4	2		6	
Permitted Phases					Free		6
Detector Phase	4	4	4	2		6	6
Switch Phase							
Minimum Initial (s)	5.0	5.0	5.0	15.0		15.0	15.0
Minimum Split (s)	11.0	11.0	11.0	20.8		27.8	27.8
Total Split (s)	33.0	33.0	33.0	47.0		47.0	47.0
Total Split (%)	41.3%	41.3%	41.3%	58.8%		58.8%	58.8%
Yellow Time (s)	3.5	3.5	3.5	4.3		4.3	4.3
All-Red Time (s)	2.5	2.5	2.5	1.5		1.5	1.5
Lost Time Adjust (s)	0.0	0.0	0.0	0.0		0.0	0.0
Total Lost Time (s)	6.0	6.0	6.0	5.8		5.8	5.8
Lead/Lag							
Lead-Lag Optimize?							
Recall Mode	None	None	None	C-Min		C-Min	C-Min

Intersection Summary

Cycle Length: 80
 Actuated Cycle Length: 80
 Offset: 41.2 (52%), Referenced to phase 2:NBT and 6:SBT, Start of Yellow
 Natural Cycle: 50
 Control Type: Actuated-Coordinated

Splits and Phases: 18: Weir Canyon Rd & SR-91 EB Ramps



HCM 6th Signalized Intersection Summary
 18: Weir Canyon Rd & SR-91 EB Ramps

Yorba Linda Element and SP (JN 13763)

04/12/2022



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	371	0	562	0	0	0	0	1552	580	0	2001	290
Future Volume (veh/h)	371	0	562	0	0	0	0	1552	580	0	2001	290
Initial Q (Qb), veh	0	0	0				0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00				1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No						No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870				0	1870	1870	0	1870	1870
Adj Flow Rate, veh/h	566	0	322				0	1617	0	0	2084	0
Peak Hour Factor	0.96	0.96	0.96				0.96	0.96	0.96	0.96	0.96	0.96
Percent Heavy Veh, %	2	2	2				0	2	2	0	2	2
Cap, veh/h	905	0	403				0	3056		0	3056	
Arrive On Green	0.25	0.00	0.25				0.00	0.60	0.00	0.00	1.00	0.00
Sat Flow, veh/h	3563	0	1585				0	5274	1585	0	5274	1585
Grp Volume(v), veh/h	566	0	322				0	1617	0	0	2084	0
Grp Sat Flow(s),veh/h/ln	1781	0	1585				0	1702	1585	0	1702	1585
Q Serve(g_s), s	11.3	0.0	15.2				0.0	14.9	0.0	0.0	0.0	0.0
Cycle Q Clear(g_c), s	11.3	0.0	15.2				0.0	14.9	0.0	0.0	0.0	0.0
Prop In Lane	1.00		1.00				0.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h	905	0	403				0	3056		0	3056	
V/C Ratio(X)	0.63	0.00	0.80				0.00	0.53		0.00	0.68	
Avail Cap(c_a), veh/h	1202	0	535				0	3056		0	3056	
HCM Platoon Ratio	1.00	1.00	1.00				1.00	1.00	1.00	1.00	2.00	2.00
Upstream Filter(I)	1.00	0.00	1.00				0.00	1.00	0.00	0.00	0.57	0.00
Uniform Delay (d), s/veh	26.5	0.0	27.9				0.0	9.4	0.0	0.0	0.0	0.0
Incr Delay (d2), s/veh	0.9	0.0	6.8				0.0	0.7	0.0	0.0	0.7	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	4.7	0.0	6.3				0.0	4.6	0.0	0.0	0.2	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	27.3	0.0	34.8				0.0	10.1	0.0	0.0	0.7	0.0
LnGrp LOS	C	A	C				A	B		A	A	
Approach Vol, veh/h		888						1617	A		2084	A
Approach Delay, s/veh		30.0						10.1			0.7	
Approach LOS		C						B			A	
Timer - Assigned Phs		2		4				6				
Phs Duration (G+Y+Rc), s		53.7		26.3				53.7				
Change Period (Y+Rc), s		5.8		6.0				5.8				
Max Green Setting (Gmax), s		41.2		27.0				41.2				
Max Q Clear Time (g_c+I1), s		16.9		17.2				2.0				
Green Ext Time (p_c), s		19.0		3.1				33.7				

Intersection Summary

HCM 6th Ctrl Delay	9.7
HCM 6th LOS	A

Notes

User approved volume balancing among the lanes for turning movement.
 Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.

 Yorba Linda Housing Element / SP (JN 13763)
 2045 With Project
 PM Peak Hour

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #19 Gypsum Canyon Rd. & La Palma Av.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.856
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxxx
 Optimal Cycle: 82 Level Of Service: D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Ovl			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1	0	1	0	1	0	1	0	1	1	0	1

Volume Module:

Base Vol:	279	34	576	1	18	1	3	467	871	396	103	1
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	279	34	576	1	18	1	3	467	871	396	103	1
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	279	34	576	1	18	1	3	467	871	396	103	1
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	279	34	576	1	18	1	3	467	871	396	103	1
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	279	34	576	1	18	1	3	467	871	396	103	1
OvlAdjVol:									566			

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	0.11	1.89	0.05	0.95	1.00	1.00	1.00	1.00	1.00	1.98	0.02
Final Sat.:	1700	190	3210	89	1611	1700	1700	1700	1700	1700	3367	33

Capacity Analysis Module:

Vol/Sat:	0.16	0.18	0.18	0.01	0.01	0.00	0.00	0.27	0.51	0.23	0.03	0.03
OvlAdjV/S:									0.33			
Crit Moves:			****	****					****	****		

**APPENDIX 5.5: HORIZON YEAR (2045) WITH PROJECT CONDITIONS
INTERSECTION OPERATIONS ANALYSIS WORKSHEETS WITH
IMPROVEMENTS**

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 Yorba Linda Housing Element / SP (JN 13763)
 2045 With Project
 AM Peak Hour WITH IMPROVEMENT

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #1 Rose Dr. & Imperial Hwy.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.655
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
 Optimal Cycle: 45 Level Of Service: B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	2	0	2	0	1	1	0	1	0	2	0	2

Volume Module:

Base Vol:	128	233	154	768	470	31	39	989	150	199	1011	558
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	128	233	154	768	470	31	39	989	150	199	1011	558
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	128	233	154	768	470	31	39	989	150	199	1011	558
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	128	233	154	768	470	31	39	989	150	199	1011	558
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	128	233	154	768	470	31	39	989	150	199	1011	558

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	2.00	2.00	1.00	2.48	1.52	1.00	1.00	2.60	0.40	2.00	2.58	1.42
Final Sat.:	3400	3400	1700	4218	2582	1700	1700	4428	672	3400	4382	2418

Capacity Analysis Module:

Vol/Sat:	0.04	0.07	0.09	0.18	0.18	0.02	0.02	0.22	0.22	0.06	0.23	0.23
Crit Moves:			****	****			****			****		

 Yorba Linda Housing Element / SP (JN 13763)
 2045 With Project
 AM Peak Hour WITH IMPROVEMENT

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #5 Imperial Hwy. & Yorba Linda Bl.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.884
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
 Optimal Cycle: 92 Level Of Service: D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Split Phase			Split Phase		
Rights:	Include			Include			Include			Ovl		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1	0	2	1	0	0	2	0	2	1	0	2

Volume Module:

Base Vol:	365	1015	217	337	1187	39	27	340	384	208	490	391
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	365	1015	217	337	1187	39	27	340	384	208	490	391
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	365	1015	217	337	1187	39	27	340	384	208	490	391
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	365	1015	217	337	1187	39	27	340	384	208	490	391
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	365	1015	217	337	1187	39	27	340	384	208	490	391
OvlAdjVol:												54

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	2.47	0.53	2.00	2.90	0.10	1.00	2.00	1.00	1.19	2.81	2.00
Final Sat.:	1700	4202	898	3400	4938	162	1700	3400	1700	2026	4774	3400

Capacity Analysis Module:

Vol/Sat:	0.21	0.24	0.24	0.10	0.24	0.24	0.02	0.10	0.23	0.10	0.10	0.12
OvlAdjV/S:												0.02
Crit Moves:	****			****			****	****				

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Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #6 Lakeview Av. & Buena Vista Av.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.640
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
 Optimal Cycle: 44 Level Of Service: B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Permitted			Permitted			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1	0	1	0	1	0	1	0	1	0	1	0

Volume Module:

Base Vol:	58	318	45	73	761	214	201	122	68	48	111	61
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	58	318	45	73	761	214	201	122	68	48	111	61
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	58	318	45	73	761	214	201	122	68	48	111	61
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	58	318	45	73	761	214	201	122	68	48	111	61
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	58	318	45	73	761	214	201	122	68	48	111	61

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.00	1.00	1.00	1.56	0.44	1.00	0.64	0.36	1.00	0.65	0.35
Final Sat.:	1700	1700	1700	1700	2654	746	1700	1092	608	1700	1097	603

Capacity Analysis Module:

Vol/Sat:	0.03	0.19	0.03	0.04	0.29	0.29	0.12	0.11	0.11	0.03	0.10	0.10
Crit Moves:	****			****			****			****		

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Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #7 Kellogg Dr. & Imperial Highway EB Ramps

Cycle (sec): 100 Critical Vol./Cap.(X): 0.702
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
 Optimal Cycle: 50 Level Of Service: C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Permitted			Protected			Split Phase			Split Phase		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	1	1	0	2	0	0	1	0	0	0

Volume Module:

Base Vol:	0	445	158	459	489	0	26	0	263	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	445	158	459	489	0	26	0	263	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	445	158	459	489	0	26	0	263	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	445	158	459	489	0	26	0	263	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	445	158	459	489	0	26	0	263	0	0	0

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.00	1.48	0.52	1.00	2.00	0.00	1.00	0.00	1.00	0.00	0.00	0.00
Final Sat.:	0	2509	891	1700	3400	0	1700	0	1700	0	0	0

Capacity Analysis Module:

Vol/Sat:	0.00	0.18	0.18	0.27	0.14	0.00	0.02	0.00	0.15	0.00	0.00	0.00
Crit Moves:	****			****			****			****		

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Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #16 Yorba Linda Bl. & Savi Ranch Pkwy.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.625
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
 Optimal Cycle: 42 Level Of Service: B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Ignore			Include			Include			Ovl		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1	0	3	0	1	1	1	0	0	0	2	3

Volume Module:

Base Vol:	288	1103	765	255	1190	238	111	0	230	278	0	189
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	288	1103	765	255	1190	238	111	0	230	278	0	189
User Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	288	1103	0	255	1190	238	111	0	230	278	0	189
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	288	1103	0	255	1190	238	111	0	230	278	0	189
PCE Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	288	1103	0	255	1190	238	111	0	230	278	0	189
OvlAdjVol:	0											

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	3.00	1.00	1.00	3.00	1.00	1.00	0.00	2.00	3.00	0.00	2.00
Final Sat.:	1700	5100	1700	1700	5100	1700	1700	0	3400	5100	0	3400

Capacity Analysis Module:

Vol/Sat:	0.17	0.22	0.00	0.15	0.23	0.14	0.07	0.00	0.07	0.05	0.00	0.06
OvlAdjV/S:	0.00											
Crit Moves:	****						****			****	****	

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Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #1 Rose Dr. & Imperial Hwy.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.728
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
 Optimal Cycle: 54 Level Of Service: C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	2	0	2	0	1	1	0	1	0	2	0	2

Volume Module:

Base Vol:	238	444	109	902	345	26	42	1299	44	171	966	725
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	238	444	109	902	345	26	42	1299	44	171	966	725
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	238	444	109	902	345	26	42	1299	44	171	966	725
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	238	444	109	902	345	26	42	1299	44	171	966	725
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	238	444	109	902	345	26	42	1299	44	171	966	725

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	2.00	2.00	1.00	2.89	1.11	1.00	1.00	2.90	0.10	2.00	2.29	1.71
Final Sat.:	3400	3400	1700	4919	1881	1700	1700	4933	167	3400	3885	2915

Capacity Analysis Module:

Vol/Sat:	0.07	0.13	0.06	0.18	0.18	0.02	0.02	0.26	0.26	0.05	0.25	0.25
Crit Moves:	****			****			****			****		

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Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #5 Imperial Hwy. & Yorba Linda Bl.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.864
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
 Optimal Cycle: 85 Level Of Service: D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Split Phase			Split Phase		
Rights:	Include			Include			Include			Ovl		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1	0	2	1	0	0	2	0	2	1	0	2

Volume Module:

Base Vol:	361	1103	214	525	1110	71	100	530	355	165	568	457
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	361	1103	214	525	1110	71	100	530	355	165	568	457
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	361	1103	214	525	1110	71	100	530	355	165	568	457
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	361	1103	214	525	1110	71	100	530	355	165	568	457
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	361	1103	214	525	1110	71	100	530	355	165	568	457
OvlAdjVol:	0											

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	2.51	0.49	2.00	2.82	0.18	1.00	2.00	1.00	1.00	3.00	2.00
Final Sat.:	1700	4271	829	3400	4793	307	1700	3400	1700	1700	5100	3400

Capacity Analysis Module:

Vol/Sat:	0.21	0.26	0.26	0.15	0.23	0.23	0.06	0.16	0.21	0.10	0.11	0.13
OvlAdjV/S:	0.00											
Crit Moves:	****	****					****	****		****	****	

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Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #6 Lakeview Av. & Buena Vista Av.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.735
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
 Optimal Cycle: 55 Level Of Service: C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Permitted			Permitted			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1	0	1	0	1	0	1	0	1	0	1	0

Volume Module:

Base Vol:	96	593	36	29	457	182	340	66	71	32	51	67
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	96	593	36	29	457	182	340	66	71	32	51	67
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	96	593	36	29	457	182	340	66	71	32	51	67
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	96	593	36	29	457	182	340	66	71	32	51	67
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	96	593	36	29	457	182	340	66	71	32	51	67

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.00	1.00	1.00	1.43	0.57	1.00	0.48	0.52	1.00	0.43	0.57
Final Sat.:	1700	1700	1700	1700	2432	968	1700	819	881	1700	735	965

Capacity Analysis Module:

Vol/Sat:	0.06	0.35	0.02	0.02	0.19	0.19	0.20	0.08	0.08	0.02	0.07	0.07
Crit Moves:	****			****			****			****		

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Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #7 Kellogg Dr. & Imperial Highway EB Ramps

Cycle (sec): 100 Critical Vol./Cap.(X): 0.499
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
 Optimal Cycle: 33 Level Of Service: A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Permitted			Protected			Split Phase			Split Phase		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	1	1	0	2	0	0	1	0	0	0

Volume Module:

Base Vol:	0	458	97	242	261	0	92	0	159	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	458	97	242	261	0	92	0	159	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	458	97	242	261	0	92	0	159	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	458	97	242	261	0	92	0	159	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	458	97	242	261	0	92	0	159	0	0	0

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.00	1.65	0.35	1.00	2.00	0.00	1.00	0.00	1.00	0.00	0.00	0.00
Final Sat.:	0	2806	594	1700	3400	0	1700	0	1700	0	0	0

Capacity Analysis Module:

Vol/Sat:	0.00	0.16	0.16	0.14	0.08	0.00	0.05	0.00	0.09	0.00	0.00	0.00
Crit Moves:	****			****			****			****		

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Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #16 Yorba Linda Bl. & Savi Ranch Pkwy.

Cycle (sec): 100 Critical Vol./Cap.(X): 0.867
 Loss Time (sec): 10 Average Delay (sec/veh): xxxxxx
 Optimal Cycle: 86 Level Of Service: D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Ignore			Include			Include			Ovl		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1	0	3	0	1	1	1	0	0	0	2	3

Volume Module:

Base Vol:	132	1549	517	377	1294	278	194	0	422	601	0	587
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	132	1549	517	377	1294	278	194	0	422	601	0	587
User Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	132	1549	0	377	1294	278	194	0	422	601	0	587
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	132	1549	0	377	1294	278	194	0	422	601	0	587
PCE Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	132	1549	0	377	1294	278	194	0	422	601	0	587
OvlAdjVol:	0											

Saturation Flow Module:

Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	3.00	1.00	1.00	3.00	1.00	1.00	0.00	2.00	3.00	0.00	2.00
Final Sat.:	1700	5100	1700	1700	5100	1700	1700	0	3400	5100	0	3400

Capacity Analysis Module:

Vol/Sat:	0.08	0.30	0.00	0.22	0.25	0.16	0.11	0.00	0.12	0.12	0.00	0.17
OvlAdjV/S:	0.00											
Crit Moves:	****	****	****	****	****	****	****	****	****	****	****	****
