



Bridge Point Rancho Cucamonga

ENERGY ANALYSIS

CITY OF RANCHO CUCAMONGA

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LIST OF ABBREVIATED TERMS

%	Percent
(1)	Reference
AQIA	<i>Bridge Point Rancho Cucamonga Air Quality Impact Analysis</i>
BACM	Best Available Control Measures
BNSF	Burlington National Santa Fe
BTU	British Thermal Units
CalEEMod	California Emissions Estimator Model
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CCR	California Code of Regulations
CEC	California Energy Commission
CEQA	California Environmental Quality Act
City	City of Rancho Cucamonga
CPEP	Clean Power and Electrification Pathway
CPUC	California Public Utilities Commission
DMV	Department of Motor Vehicles
EIA	Energy Information Administration
EPA	Environmental Protection Agency
EMFAC	EMissions FACtor
FERC	Federal Energy Regulatory Commission
GHG	Greenhouse Gas
GWh	Gigawatt Hour
HHDT	Heavy-Heavy Duty Trucks
hp-hr-gal	Horsepower Hours Per Gallon
I-15	Interstate 15
IEPR	Integrated Energy Policy Report
ISO	Independent Service Operator
ISTEA	Intermodal Surface Transportation Efficiency Act
ITE	Institute of Transportation Engineers
kBTU	Thousand-British Thermal Units
kWh	Kilowatt Hour
LDA	Light Duty Auto
LDT1/LDT2	Light-Duty Trucks
LHDT1	Light-Heavy Duty Trucks
MDV	Medium Duty Trucks

MHDT	Medium-Heavy Duty Trucks
MMcfd	Million Cubic Feet Per Day
mpg	Miles Per Gallon
MPO	Metropolitan Planning Organization
ONT	Ontario International Airport
PG&E	Pacific Gas and Electric
Project	Bridge Point Rancho Cucamonga
PV	Photovoltaic
RCMU	Rancho Cucamonga Municipal Utility
SCAB	Southern California Air Basin
SCE	Southern California Edison
SDAB	San Diego Air Basin
SoCalGas	Southern California Gas
sf	Square Feet
TEA-21	Transportation Equity Act for the 21 st Century
TRU	Transportation Refrigeration Unit
U.S.	United States
VMT	Vehicle Miles Traveled

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EXECUTIVE SUMMARY

ES.1 SUMMARY OF FINDINGS

The results of this *Bridge Point Rancho Cucamonga Energy Analysis* is summarized below based on the significance criteria in Section 3 of this report consistent with Appendix G of the 2019 California Environmental Quality Act (CEQA) Statute and Guidelines (*CEQA Guidelines*) (1). Table ES-1 shows the findings of significance for potential energy impacts under CEQA.

TABLE ES-1: SUMMARY OF CEQA SIGNIFICANCE FINDINGS

Analysis	Report Section	Significance Findings	
		Unmitigated	Mitigated
Energy Impact #1: Would the Project result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?	5.0	<i>Less Than Significant</i>	<i>n/a</i>
Energy Impact #2: Would the Project conflict with or obstruct a state or local plan for renewable energy or energy efficiency?	5.0	<i>Less Than Significant</i>	<i>n/a</i>
Energy Impact #3: Would the Project achieve the goal of energy conservation by: <ul style="list-style-type: none"> • Decreasing overall per capita energy consumption. • Decreasing reliance on fossil fuels such as coal, natural gas and oil. • Increasing reliance on renewable energy sources. 	5.0	<i>Less Than Significant</i>	<i>n/a</i>

ES.2 PROJECT REQUIREMENTS

The Project would be required to comply with regulations imposed by the federal and state agencies that regulate energy use and consumption through various means and programs. Those that are directly and indirectly applicable to the Project and that would assist in the reduction of energy usage include:

- Intermodal Surface Transportation Efficiency Act of 1991 (ISTEA)
- The Transportation Equity Act for the 21st Century (TEA-21)
- Integrated Energy Policy Report (IEPR)
- State of California Energy Plan
- California Code Title 24, Part 6, Energy Efficiency Standards

- AB 1493 Pavley Regulations and Fuel Efficiency Standards
- California's Renewable Portfolio Standard (RPS)
- Clean Energy and Pollution Reduction Act of 2015 (SB 350)

Consistency with the above regulations are discussed in detail in section 5 of this EA.

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1 INTRODUCTION

This report presents the results of the energy analysis prepared by Urban Crossroads, Inc., for the proposed Bridge Point Rancho Cucamonga Project (Project). The purpose of this report is to ensure that energy implication is considered by the City of Rancho Cucamonga (City), as the lead agency, and to quantify anticipated energy usage associated with construction and operation of the proposed Project, determine if the usage amounts are efficient, typical, or wasteful for the land use type, and to emphasize avoiding or reducing inefficient, wasteful, and unnecessary consumption of energy.

1.1 SITE LOCATION

The Project site is located north of 4th Street and west of Etiwanda Avenue at 12322 and 12434 4th Street in the City of Rancho Cucamonga. The Project site is located approximately 3 miles northeast of the Ontario International Airport (ONT) and roughly 0.5 mile east of the Interstate 15 (I-15). The Project location map is shown on Exhibit 1-A.

1.2 PROJECT DESCRIPTION

Exhibit 1-B illustrates a preliminary site plan for the Project. The Project is anticipated to be constructed within a single phase with an anticipated opening year of 2022. The proposed Project consists of the following uses:

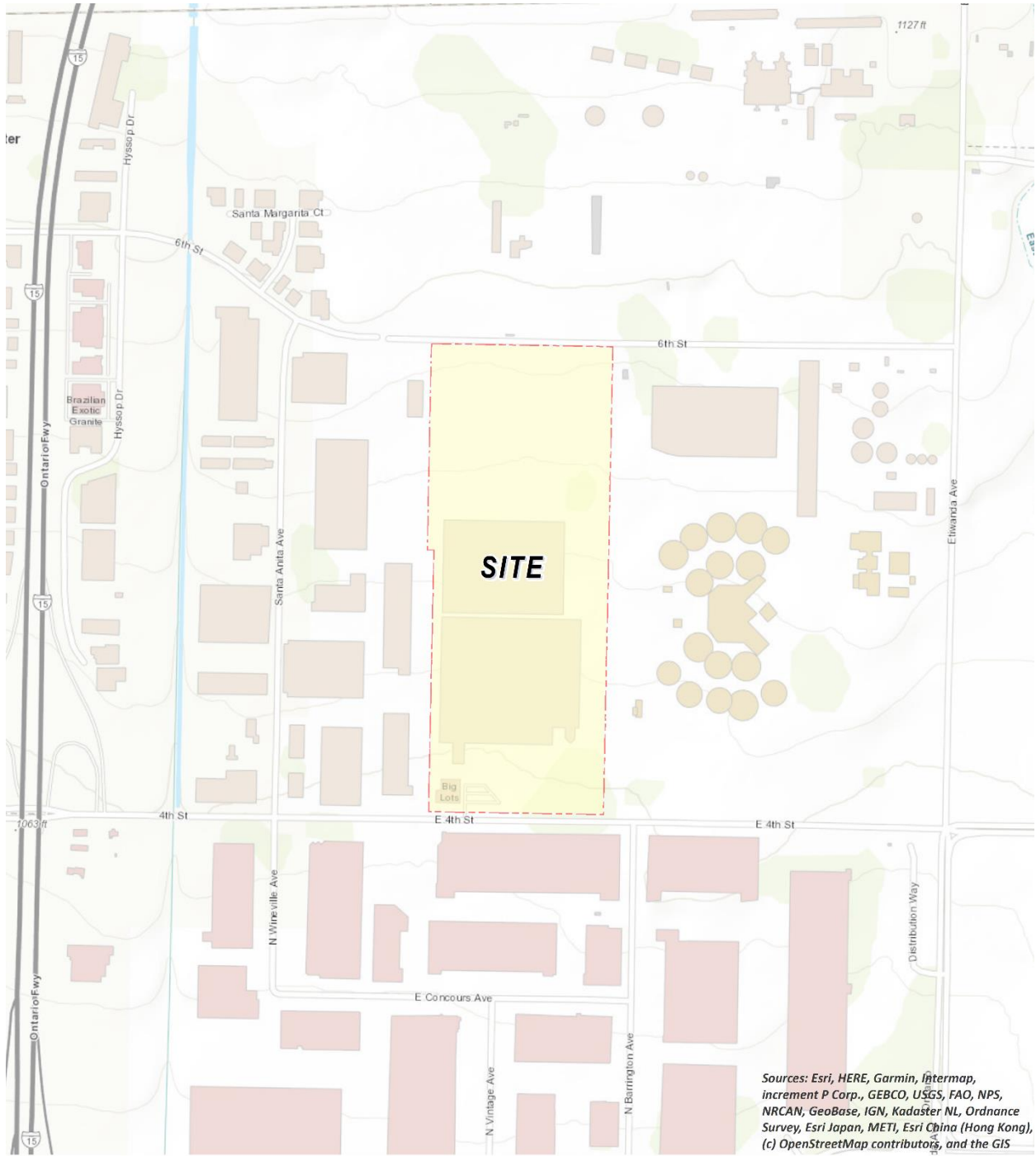
- 1,957,500 square feet (sf) of High-Cube Fulfillment Center (Non-Sort) Warehouse (90% of the total square footage of Building 1 and Building 2)
- 217,500 sf of High-Cube Cold Storage Warehouse (10% of the total square footage of Building 1 and Building 2)

The proposed Project would replace existing operational uses, which consists of 1,431,000 sf of High-Cube Transload Short-Term Storage Warehouse (Without Cold Storage) use and 23,240 sf of Free-Standing Discount Store use, and this analysis considers the net increase in operational energy demands resulting from the Project.

At the time this analysis was prepared, the future tenants of the proposed Project were unknown. Therefore, analysis is intended to provide a conservative estimate of energy use associated with the expected operational activities at the Project site. To present a conservative approach, this report assumes the Project would operate 24-hours daily for seven days per week.

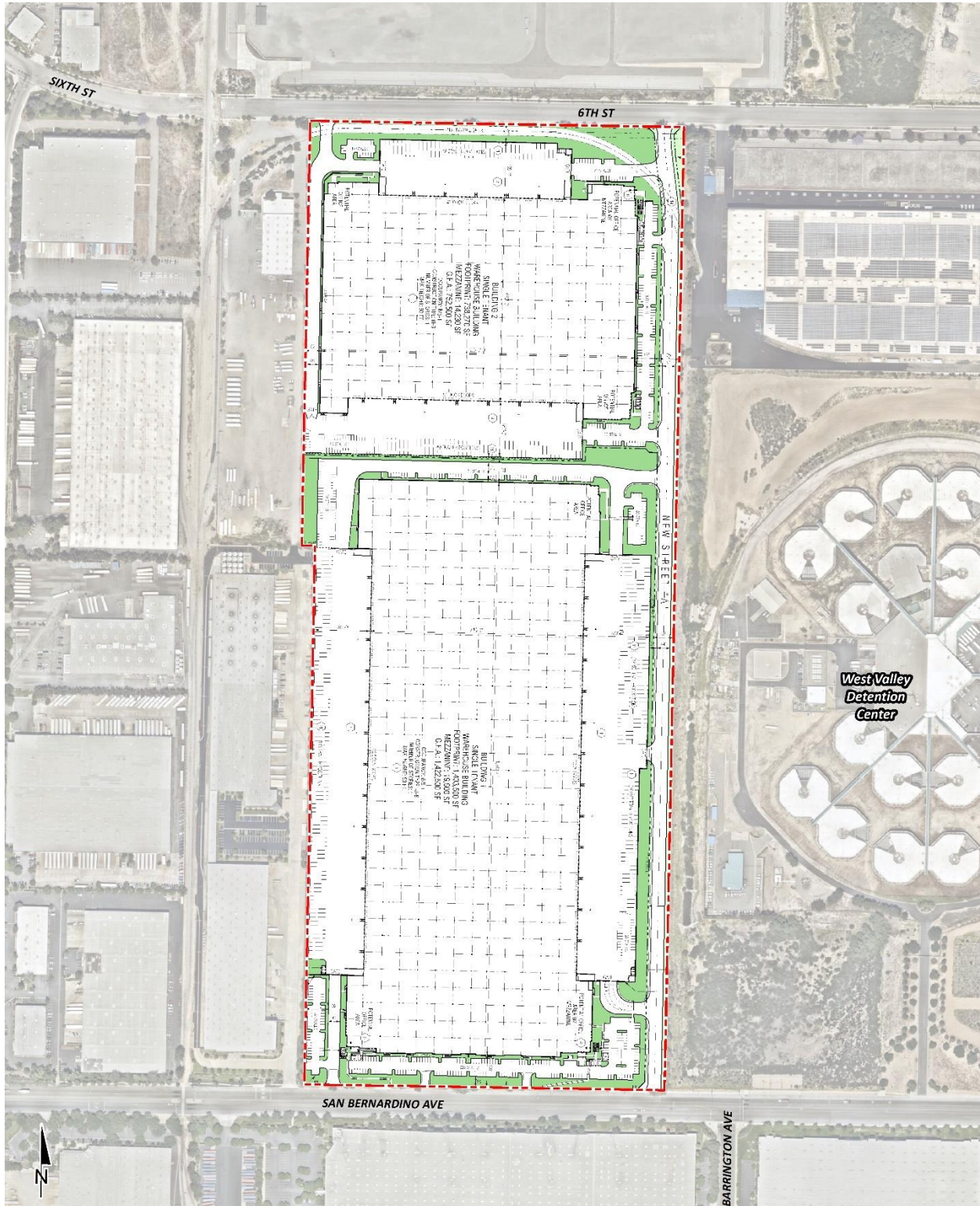
This analysis also includes energy demand associated with proposed construction activities, which are further described in Section 4.3, Construction Energy Demands, and include construction of the proposed on-site building and facilities, and off-site improvements. Off-site improvements include the 6th Street at-grade crossing of the railroad spur west of the Project site.

EXHIBIT 1-A: LOCATION MAP



LEGEND:
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Site Boundary

EXHIBIT 1-B: PRELIMINARY SITE PLAN



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2 EXISTING CONDITIONS

This section provides an overview of the existing energy conditions in the Project region.

2.1 OVERVIEW

The most recent data for California's estimated total energy consumption and natural gas consumption is from 2018, released by the United States (U.S.) Energy Information Administration's (EIA) California State Profile and Energy Estimates in 2020 and included (2):

- Approximately 7,967 trillion British Thermal Unit (BTU) of energy was consumed
- Approximately 681 million barrels of petroleum
- Approximately 2,137 billion cubic feet of natural gas
- Approximately 1 million short tons of coal

The California Energy Commission's (CEC) Transportation Energy Demand Forecast 2018-2030 was released in order to support the 2017 Integrated Energy Policy Report. The Transportation energy Demand Forecast 2018-2030 lays out graphs and data supporting their projections of California's future transportation energy demand. The projected inputs consider expected variable changes in fuel prices, income, population, and other variables. Predictions regarding fuel demand included:

- Gasoline demand in the transportation sector is expected to decline from approximately 15.8 billion gallons in 2017 to between 12.3 billion and 12.7 billion gallons in 2030 (3)
- Diesel demand in the transportation sector is expected to rise, increasing from approximately 3.7 billion diesel gallons in 2015 to approximately 4.7 billion in 2030 (3)
 - Data from the Department of Energy states that approximately 3.9 billion gallons of diesel fuel were consumed in 2017 (4)

The most recent data provided by the EIA for energy use in California by demand sector is from 2017 and is reported as follows:

- Approximately 40.3% transportation;
- Approximately 23.1% industrial;
- Approximately 18.0% residential; and
- Approximately 18.7% commercial (5)

In 2019, total system electric generation for California was 277,704 gigawatt hours (GWh). California's massive electricity in-state generation system generated approximately 200,475 GWh which accounted for approximately 72% of the electricity it uses; the rest was imported from the Pacific Northwest (9%) and the U.S. Southwest (19%) (6). Natural gas is the main source for electricity generation at 47% of the total in-state electric generation system power as shown in Table 2-1.

TABLE 2-1: TOTAL ELECTRICITY SYSTEM POWER (CALIFORNIA 2019)

Fuel Type	California In-State Generation (GWh)	Percent of California In-State Generation	Northwest Imports (GWh)	Southwest Imports (GWh)	Total Imports (GWh)	Percent of Imports	Total California Energy Mix	Total California Power Mix
Coal	248	0.12%	219	7,765	7,985	10.34%	8,233	2.96%
Natural Gas	86,136	42.97%	46	8,859	8,906	11.53%	95,042	34.22%
Oil	36	0.02%	0	0	0	0.00%	36	0.01%
Other (Waste Heat/Petroleum Coke)	411	0.20%	0	11	11	0.01%	422	0.15%
Nuclear	16,163	8.06%	0	8,743	8,743	11.32%	24,906	8.97%
Large Hydro	33,145	16.53%	5,071	1,071	6,142	7.95%	39,287	14.15%
Unspecified	0	0.00%	7,979	13,767	21,746	28.16%	21,746	7.83%
Non-Renewable and Unspecified Totals	136,139	67.91%	13,315	40,218	53,533	69.32%	189,672	68.30%
Biomass	5,851	2.92%	903	33	936	1.21%	6,787	2.44%
Geothermal	10,943	5.46%	99	2,218	2,318	3.00%	13,260	4.77%
Small Hydro	5,349	2.67%	292	4	296	0.38%	5,646	2.03%
Solar	28,513	14.22%	282	5,295	5,577	7.22%	34,090	12.28%
Wind	13,680	6.82%	9,038	5,531	14,569	18.87%	28,249	10.17%
Renewable Totals	64,336	32.09%	10,615	13,081	23,696	30.68%	88,032	31.70%
System Totals	200,475	100.00%	23,930	53,299	77,229	100.00%	277,704	100.00%

Source: California Energy Commission's 2019 Total System Electric Generation

An updated summary of, and context for energy consumption and energy demands within the State is presented in “U.S. Energy Information Administration, California State Profile and Energy Estimates, Quick Facts” excerpted below:

- California was the seventh-largest producer of crude oil among the 50 states in 2018, and, as of January 2019, it ranked third in oil refining capacity.
- California is the largest consumer of jet fuel among the 50 states and accounted for one-fifth of the nation’s jet fuel consumption in 2018. (7)
- California's total energy consumption is second highest in the nation, but, in 2018, the state's per capita energy consumption was the fourth-lowest, due in part to its mild climate and its energy efficiency programs. (8)
- In 2018, California ranked first in the nation as a producer of electricity from solar, geothermal, and biomass resources and fourth in the nation in conventional hydroelectric power generation.
- In 2018, large- and small-scale solar photovoltaic (PV) and solar thermal installations provided 19% of California’s net electricity generation (9).

As indicated above, California is one of the nation’s leading energy-producing states, and California’s per capita energy use is among the nation’s most efficient. Given the nature of the Project, the remainder of this discussion would focus on the three sources of energy that are most relevant to the project—namely, electricity, natural gas, and transportation fuel for vehicle trips associated with the uses planned for the Project.

2.2 ELECTRICITY

The usage associated with electricity use were calculated using the California Emissions Estimator Model (CalEEMod) Version 2016.3.2. The Southern California region’s electricity reliability has been of concern for the past several years due to the planned retirement of aging facilities that depend upon once-through cooling technologies, as well as the June 2013 retirement of the San Onofre Nuclear Generating Station (San Onofre). While the once-through cooling phase-out has been ongoing since the May 2010 adoption of the State Water Resources Control Board’s once-through cooling policy, the retirement of San Onofre complicated the situation. California ISO studies revealed the extent to which the South California Air Basin (SCAB) and the San Diego Air Basin (SDAB) region were vulnerable to low-voltage and post-transient voltage instability concerns. A preliminary plan to address these issues was detailed in the 2013 Integrative Energy Policy Report (IEPR) after a collaborative process with other energy agencies, utilities, and air districts (10). Similarly, the subsequent 2019 and 2020 IEPR’s identify broad strategies that are aimed at maintaining electricity system reliability.

Electricity is currently provided to the Project by Southern California Edison (SCE). SCE provides electric power to more than 15 million persons in 15 counties and in 180 incorporated cities, within a service area encompassing approximately 50,000 square miles. Based on SCE’s 2018 Power Content Label Mix, SCE derives electricity from varied energy resources including: fossil fuels, hydroelectric generators, nuclear power plants, geothermal power plants, solar power

generation, and wind farms. SCE also purchases from independent power producers and utilities, including out-of-state suppliers (11).

Though SCE currently provides electricity, the Rancho Cucamonga Municipal Utility (RCMU) may provide electricity in the future. RCMU provides economic and reliable electricity to over 1,200 metered businesses and residents in a selected area within the Southeastern proximity of the City of Rancho Cucamonga. Since 2004, RCMU has continued to serve our customers with reliable electricity while maintaining lower rates than those charged by the local investor-owned utility, along with excellent customer service (12).

California's electricity industry is an organization of traditional utilities, private generating companies, and state agencies, each with a variety of roles and responsibilities to ensure that electrical power is provided to consumers. The California Independent Service Operator (ISO) is a nonprofit public benefit corporation and is the impartial operator of the State's wholesale power grid and is charged with maintaining grid reliability, and to direct uninterrupted electrical energy supplies to California's homes and communities. While utilities still own transmission assets, the ISO routes electrical power along these assets, maximizing the use of the transmission system and its power generation resources. The ISO matches buyers and sellers of electricity to ensure that enough power is available to meet demand. To these ends, every five minutes the ISO forecasts electrical demands, accounts for operating reserves, and assigns the lowest cost power plant unit to meet demands while ensuring adequate system transmission capacities and capabilities (13).

Part of the ISO's charge is to plan and coordinate grid enhancements to ensure that electrical power is provided to California consumers. To this end, transmission file annual transmission expansion/modification plans to accommodate the State's growing electrical needs. The ISO reviews and either approves or denies the proposed additions. In addition, and perhaps most importantly, the ISO works with other areas in the western United States electrical grid to ensure that adequate power supplies are available to the State. In this manner, continuing reliable and affordable electrical power is assured to existing and new consumers throughout the State.

Tables 2-2 and 2-3 identifies SCE's and RCMU's specific proportional shares of electricity sources in 2019. As indicated in Table 2-2, the 2019 SCE Power Mix has renewable energy at 35.1% of the overall energy resources. Geothermal resources are at 5.9%, wind power is at 11.5%, large hydroelectric sources are at 7.9%, solar energy is at 16.0%, and coal is at 0% (14). For RCMU, 2019 RCMU Power Mix has renewable energy at 23.7% of the overall energy resources. Geothermal, biomass and biowaste, eligible hydroelectric, wind, coal, natural gas, large hydroelectric, and nuclear at 0%. Solar energy is at 23.7% (15).

TABLE 2-2: SCE 2019 POWER CONTENT MIX

Energy Resources	2019 SCE Power Mix
Eligible Renewable	35.1%
Biomass & Waste	0.6%
Geothermal	5.9%
Eligible Hydroelectric	1.0%
Solar	16.0%
Wind	11.5%
Coal	0.0%
Large Hydroelectric	7.9%
Natural Gas	16.1%
Nuclear	8.2%
Other	0.1%
Unspecified Sources of power*	32.6%
Total	100%

* "Unspecified sources of power" means electricity from transactions that are not traceable to specific generation sources

TABLE 2-3: RCMU 2019 POWER CONTENT MIX

Energy Resources	2019 RCMU Power Mix
Eligible Renewable	23.7%
Biomass & waste	0%
Geothermal	0%
Small Hydroelectric	0%
Solar	23.7%
Wind	0%
Coal	0%
Large Hydroelectric	6.3%
Natural Gas	0%
Nuclear	0%
Other	0%
Unspecified Sources of power*	70.0%
Total	100%

* "Unspecified sources of power" means electricity from transactions that are not traceable to specific generation sources

2.3 NATURAL GAS

The following summary of natural gas customers & volumes, supplies, delivery of supplies, storage, service options, and operations is excerpted from information provided by the California Public Utilities Commission (CPUC).

"The CPUC regulates natural gas utility service for approximately 10.8 million customers that receive natural gas from Pacific Gas and Electric (PG&E), Southern California Gas (SoCalGas), San Diego Gas & Electric (SDG&E), Southwest Gas, and several smaller natural gas utilities. The CPUC also regulates independent storage operators: Lodi Gas Storage, Wild Goose Storage, Central Valley Storage and Gill Ranch Storage.

California's natural gas utilities provide service to over 11 million gas meters. SoCalGas and PG&E provide service to about 5.9 million and 4.3 million customers, respectively, while SDG&E provides service to over 800, 000 customers. In 2018, California gas utilities forecasted that they would deliver about 4740 million cubic feet per day (MMcfd) of gas to their customers, on average, under normal weather conditions.

The overwhelming majority of natural gas utility customers in California are residential and small commercial customers, referred to as "core" customers. Larger volume gas customers, like electric generators and industrial customers, are called "noncore" customers. Although very small in number relative to core customers, noncore customers consume about 65% of the natural gas delivered by the state's natural gas utilities, while core customers consume about 35%.

A significant amount of gas (about 19%, or 1131 MMcfd, of the total forecasted California consumption in 2018) is also directly delivered to some California large volume consumers, without being transported over the regulated utility pipeline system. Those customers, referred to as "bypass" customers, take service directly from interstate pipelines or directly from California producers.

SDG&E and Southwest Gas' southern division are wholesale customers of SoCalGas, i.e. they receive deliveries of gas from SoCalGas and in turn deliver that gas to their own customers. (Southwest Gas also provides natural gas distribution service in the Lake Tahoe area.) Similarly, West Coast Gas, a small gas utility, is a wholesale customer of PG&E. Some other wholesale customers are municipalities like the cities of Palo Alto, Long Beach, and Vernon, which are not regulated by the CPUC.

Natural gas from out-of-state production basins is delivered into California via the interstate natural gas pipeline system. The major interstate pipelines that deliver out-of-state natural gas to California gas utilities are Gas Transmission Northwest Pipeline, Kern River Pipeline, Transwestern Pipeline, El Paso Pipeline, Ruby Pipeline, Mojave Pipeline, and Tuscarora. Another pipeline, the North Baja - Baja Norte Pipeline takes gas off the El Paso Pipeline at the California/Arizona border, and delivers that gas through California into Mexico. While the Federal Energy Regulatory Commission (FERC) regulates the transportation of natural gas on the interstate pipelines, and authorizes rates for that

service, the California Public Utilities Commission may participate in FERC regulatory proceedings to represent the interests of California natural gas consumers.

The gas transported to California gas utilities via the interstate pipelines, as well as some of the California-produced gas, is delivered into the PG&E and SoCalGas intrastate natural gas transmission pipeline systems (commonly referred to as California's "backbone" pipeline system). Natural gas on the utilities' backbone pipeline systems is then delivered to the local transmission and distribution pipeline systems, or to natural gas storage fields. Some large volume noncore customers take natural gas delivery directly off the high-pressure backbone and local transmission pipeline systems, while core customers and other noncore customers take delivery off the utilities' distribution pipeline systems. The state's natural gas utilities operate over 100,000 miles of transmission and distribution pipelines, and thousands more miles of service lines.

Bypass customers take most of their deliveries directly off the Kern/Mojave pipeline system, but they also take a significant amount of gas from California production

PG&E and SoCalGas own and operate several natural gas storage fields that are located within their service territories in northern and southern California, respectively. These storage fields, and four independently owned storage utilities - Lodi Gas Storage, Wild Goose Storage, Central Valley Storage, and Gill Ranch Storage - help meet peak seasonal and daily natural gas demand and allow California natural gas customers to secure natural gas supplies more efficiently. PG&E is a 25% owner of the Gill Ranch Storage field. These storage fields provide a significant amount of infrastructure capacity to help meet California's natural gas requirements, and without these storage fields, California would need much more pipeline capacity in order to meet peak gas requirements .

Prior to the late 1980s, California regulated utilities provided virtually all natural gas services to all their customers. Since then, the Commission has gradually restructured the California gas industry in order to give customers more options while assuring regulatory protections for those customers that wish to, or are required to, continue receiving utility-provided services.

The option to purchase natural gas from independent suppliers is one of the results of this restructuring process. Although the regulated utilities procure natural gas supplies for most core customers, core customers have the option to purchase natural gas from independent natural gas marketers, called "core transport agents" (CTA). Contact information for core transport agents can be found on the utilities' web sites. Noncore customers, on the other hand, make natural gas supply arrangements directly with producers or with marketers.

Another option resulting from the restructuring process occurred in 1993, when the Commission removed the utilities' storage service responsibility for noncore customers, along with the cost of this service from noncore customers' transportation rates. The Commission also encouraged the development of independent storage fields, and in subsequent years, all the independent storage fields in California were

established. Noncore customers and marketers may now take storage service from the utility or from an independent storage provider (if available), and pay for that service, or may opt to take no storage service at all. For core customers, the Commission assures that the utility has adequate storage capacity set aside to meet core requirements, and core customers pay for that service.

In a 1997 decision, the Commission adopted PG&E's "Gas Accord", which unbundled PG&E's backbone transmission costs from noncore transportation rates. This decision gave customers and marketers the opportunity to obtain pipeline capacity rights on PG&E's backbone transmission pipeline system, if desired, and pay for that service at rates authorized by the Commission. The Gas Accord also required PG&E to set aside a certain amount of backbone transmission capacity in order to deliver gas to its core customers. Subsequent Commission decisions modified and extended the initial terms of the Gas Accord. The "Gas Accord" framework is still in place today for PG&E's backbone and storage rates and services and is now simply referred to as PG&E Gas Transmission and Storage (GT&S).

In a 2006 decision, the Commission adopted a similar gas transmission framework for Southern California, called the "firm access rights" system. SoCalGas and SDG&E implemented the firm access rights (FAR) system in 2008, and it is now referred to as the backbone transmission system (BTS) framework. As under the PG&E backbone transmission system, SoCalGas backbone transmission costs are unbundled from noncore transportation rates. Noncore customers and marketers may obtain, and pay for, firm backbone transmission capacity at various receipt points on the SoCalGas system. A certain amount of backbone transmission capacity is obtained for core customers to assure meeting their requirements.

Many if not most noncore customers now use a marketer to provide for several of the services formerly provided by the utility. That is, a noncore customer may simply arrange for a marketer to procure its supplies, and obtain any needed storage and backbone transmission capacity, in order to assure that it will receive its needed deliveries of natural gas supplies. Core customers still mainly rely on the utilities for procurement service, but they have the option to take procurement service from a CTA. Backbone transmission and storage capacity is either set aside or obtained for core customers in amounts to assure very high levels of service.

In order properly operate their natural gas transmission pipeline and storage systems, PG&E and SoCalGas must balance the amount of gas received into the pipeline system and delivered to customers or to storage fields. Some of these utilities' storage capacity is dedicated to this service, and under most circumstances, customers do not need to precisely match their deliveries with their consumption. However, when too much or too little gas is expected to be delivered into the utilities' systems, relative to the amount being consumed, the utilities require customers to more precisely match up their deliveries with their consumption. And, if customers do not meet certain delivery requirements, they could face financial penalties. The utilities do not profit from these financial penalties - the amounts are then returned to customers as a whole. If the utilities find that they are

unable to deliver all the gas that is expected to be consumed, they may even call for a curtailment of some gas deliveries. These curtailments are typically required for just the largest, noncore customers. It has been many years since there has been a significant curtailment of core customers in California .” (16)

As indicated in the preceding discussions, natural gas is available from a variety of in-state and out-of-state sources and is provided throughout the state in response to market supply and demand. Complementing available natural gas resources, biogas may soon be available via existing delivery systems, thereby increasing the availability and reliability of resources in total. The CPUC oversees utility purchases and transmission of natural gas to ensure reliable and affordable natural gas deliveries to existing and new consumers throughout the State.

Based on information provided by the Project applicant, no natural gas would be used as a result of the project, and as such use of natural gas is not considered in the analysis.

2.4 TRANSPORTATION ENERGY RESOURCES

The Project would generate additional vehicle trips with resulting consumption of energy resources, predominantly gasoline and diesel fuel. In March 2019, the Department of Motor Vehicles (DMV) identified 36.4 million registered vehicles in California (17), and those vehicles consume an estimated 17.8 billion gallons of fuel each year¹. Gasoline (and other vehicle fuels) are commercially provided commodities and would be available to the Project patrons and employees via commercial outlets.

California’s on-road transportation system includes 394,383 land miles, more than 27.5 million passenger vehicles and light trucks, and almost 8.1 million medium- and heavy-duty vehicles (17). While gasoline consumption has been declining since 2008 it is still by far the dominant fuel. Petroleum comprises about 91% of all transportation energy use, excluding fuel consumed for aviation and most marine vessels (18). Nearly 17.8 billion gallons of on-highway fuel are burned each year, including 14.6 billion gallons of gasoline (including ethanol) and 3.2 billion gallons of diesel fuel (including biodiesel and renewable diesel). In 2019, Californians also used 194 million cubic feet of natural gas as a transportation fuel (19), or the equivalent of 183 billion gallons of gasoline.

¹ Fuel consumptions estimated utilizing information from EMFAC2017.

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3 REGULATORY BACKGROUND

Federal and state agencies regulate energy use and consumption through various means and programs. On the federal level, the United States Department of Transportation, the United States Department of Energy, and the United States Environmental Protection Agency (EPA) are three federal agencies with substantial influence over energy policies and programs. On the state level, the CPUC and the CEC are two agencies with authority over different aspects of energy. Relevant federal and state energy-related laws and plans are summarized below.

3.1 FEDERAL REGULATIONS

3.1.1 INTERMODAL SURFACE TRANSPORTATION EFFICIENCY ACT OF 1991 (ISTEA)

The ISTEA promoted the development of inter-modal transportation systems to maximize mobility as well as address national and local interests in air quality and energy. ISTEA contained factors that Metropolitan Planning Organizations (MPOs) were to address in developing transportation plans and programs, including some energy-related factors. To meet the new ISTEA requirements, MPOs adopted explicit policies defining the social, economic, energy, and environmental values guiding transportation decisions.

3.1.2 THE TRANSPORTATION EQUITY ACT FOR THE 21ST CENTURY (TEA-21)

The TEA-21 was signed into law in 1998 and builds upon the initiatives established in the ISTEA legislation, discussed above. TEA-21 authorizes highway, highway safety, transit, and other efficient surface transportation programs. TEA-21 continues the program structure established for highways and transit under ISTEA, such as flexibility in the use of funds, emphasis on measures to improve the environment, and focus on a strong planning process as the foundation of good transportation decisions. TEA-21 also provides for investment in research and its application to maximize the performance of the transportation system through, for example, deployment of Intelligent Transportation Systems, to help improve operations and management of transportation systems and vehicle safety.

3.2 CALIFORNIA REGULATIONS

3.2.1 INTEGRATED ENERGY POLICY REPORT (IEPR)

Senate Bill 1389 (Bowen, Chapter 568, Statutes of 2002) requires the CEC to prepare a biennial integrated energy policy report that assesses major energy trends and issues facing the state's electricity, natural gas, and transportation fuel sectors and provides policy recommendations to conserve resources; protect the environment; ensure reliable, secure, and diverse energy supplies; enhance the state's economy; and protect public health and safety (Public Resources Code § 25301a). The Energy Commission prepares these assessments and associated policy recommendations every two years, with updates in alternate years, as part of the Integrated Energy Policy Report.

The 2020 IEPR was adopted March 17, 2021, and continues to work towards improving electricity, natural gas, and transportation fuel energy use in California. The 2020 IEPR focuses on a variety of topics such as including the environmental performance of the electricity generation system, landscape-scale planning, the response to the gas leak at the Aliso Canyon natural gas storage facility, transportation fuel supply reliability issues, updates on Southern California electricity reliability, methane leakage, climate adaptation activities for the energy sector, climate and sea level rise scenarios, and the California Energy Demand Forecast (20).

3.2.2 STATE OF CALIFORNIA ENERGY PLAN

The CEC is responsible for preparing the State Energy Plan, which identifies emerging trends related to energy supply, demand, conservation, public health and safety, and the maintenance of a healthy economy. The Plan calls for the state to assist in the transformation of the transportation system to improve air quality, reduce congestion, and increase the efficient use of fuel supplies with the least environmental and energy costs. To further this policy, the plan identifies several strategies, including assistance to public agencies and fleet operators and encouragement of urban designs that reduce vehicle miles traveled (VMT) and accommodate pedestrian and bicycle access.

3.2.3 CALIFORNIA CODE TITLE 24, PART 6, ENERGY EFFICIENCY STANDARDS

California Code of Regulations (CCR) Title 24 Part 6: California's Energy Efficiency Standards for Residential and Nonresidential Buildings, was first adopted in 1978 in response to a legislative mandate to reduce California's energy consumption. The standards are updated periodically to allow consideration and possible incorporation of new energy efficient technologies and methods. Energy efficient buildings require less electricity; therefore, increased energy efficiency reduces fossil fuel consumption and decreases greenhouse gas (GHG) emissions. The 2019 version of Title 24 was adopted by the CEC and became effective on January 1, 2020. The 2019 Title are applicable to building permit applications submitted on or after January 1, 2020. The 2019 Title 24 standards require solar PV systems for new homes, establish requirements for newly constructed healthcare facilities, encourage demand responsive technologies for residential buildings, and update indoor and outdoor lighting standards for nonresidential buildings. The CEC anticipates that single-family homes built with the 2019 standards would use approximately 7% less energy compared to the residential homes built under the 2016 standards. Additionally, after implementation of solar PV systems, homes built under the 2019 standards would about 53% less energy than homes built under the 2016 standards. Nonresidential buildings would use approximately 30% less energy due to lighting upgrades compared to the prior code (21).

3.2.4 AB 1493 PAVLEY REGULATIONS AND FUEL EFFICIENCY STANDARDS

California AB 1493, enacted on July 22, 2002, required CARB to develop and adopt regulations that reduce GHGs emitted by passenger vehicles and light duty trucks. Under this legislation, CARB adopted regulations to reduce GHG emissions from non-commercial passenger vehicles (cars and light-duty trucks). Although aimed at reducing GHG emissions, specifically, a co-benefit

of the Pavley standards is an improvement in fuel efficiency and consequently a reduction in fuel consumption.

3.2.5 CALIFORNIA'S RENEWABLE PORTFOLIO STANDARD (RPS)

First established in 2002 under Senate Bill (SB) 1078, California's Renewable Portfolio Standards (RPS) requires retail sellers of electric services to increase procurement from eligible renewable resources to 33% of total retail sales by 2020 (22).

3.2.6 CLEAN ENERGY AND POLLUTION REDUCTION ACT OF 2015 (SB 350)

In October 2015, the legislature approved, and the Governor signed SB 350, which reaffirms California's commitment to reducing its GHG emissions and addressing climate change. Key provisions include an increase in the renewables portfolio standard (RPS), higher energy efficiency requirements for buildings, initial strategies towards a regional electricity grid, and improved infrastructure for electric vehicle charging stations. Specifically, SB 350 requires the following to reduce statewide GHG emissions:

- Increase the amount of electricity procured from renewable energy sources from 33% to 50% by 2030, with interim targets of 40% by 2024, and 25% by 2027.
- Double the energy efficiency in existing buildings by 2030. This target will be achieved through the California Public Utility Commission (CPUC), the California Energy Commission (CEC), and local publicly owned utilities.
- Reorganize the Independent System Operator (ISO) to develop more regional electrify transmission markets and to improve accessibility in these markets, which will facilitate the growth of renewable energy markets in the western United States (California Leginfo 2015).

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4 PROJECT ENERGY DEMANDS AND ENERGY EFFICIENCY MEASURES

4.1 EVALUATION CRITERIA

In compliance with Appendix G of the *State CEQA Guidelines* (1), this report analyzes the project's anticipated energy use during construction and operations to determine if the Project would:

- Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation; or
- Conflict with or obstruct a state or local plan for renewable energy or energy efficiency

In addition, Appendix F of the *State CEQA Guidelines* (23), states that the means of achieving the goal of energy conservation includes the following:

- Decreasing overall per capita energy consumption;
- Decreasing reliance on fossil fuels such as coal, natural gas and oil; and
- Increasing reliance on renewable energy sources.

4.2 METHODOLOGY

Information from the California Emissions Estimator Model™ (CalEEMod) Version 2016.3.2 outputs for the *Bridge Point Rancho Cucamonga Air Quality Impact Analysis* (Urban Crossroads, Inc.) (AQIA) (24) was utilized in this analysis, detailing Project related construction equipment, transportation energy demands, and facility energy demands.

4.2.1 CAL EEMOD

On October 17, 2017, the SCAQMD, in conjunction with the California Air Pollution Control Officers Association (CAPCOA) and other California air districts, released the latest version of the CalEEMod Version 2016.3.2. The purpose of this model is to calculate construction-source and operational-source criteria pollutants and GHG emissions from direct and indirect sources as well as energy usage. (25). Accordingly, the latest version of CalEEMod has been used to determine the proposed Project's anticipated transportation and facility energy demands. Output from the annual construction model runs are provided in Appendix 4.1 and Appendices 4.2 through 4.3 for annual operational emissions.

4.2.2 LAND USES MODELED IN CAL EEMOD

As previously stated, the Project is proposed to consist of 1,957,500 sf of High-Cube Fulfillment Center (Non-Sort) Warehouse (90% of the total square footage of Building 1 and Building 2) and 217,500 sf of High-Cube Cold Storage Warehouse (10% of the total square footage of Building 1 and Building 2).

For purposes of analysis, the following land uses were modeled based on consultation with the Project Applicant and information provided in the Site Plan. The following land uses represents a conservative estimate of emissions that would occur from potential future tenants:

- 1,957.500 thousand sf (TSF) of Unrefrigerated Warehouse – No Rail²
- 217.500 TSF of Refrigerated Warehouse – No Rail³
- 362.900 TSF Other Non-Asphalt Surfaces⁴
- 1.540 TSF Other Asphalt Surfaces⁵
- 1,408 Space in Surface Parking Lots⁶

4.2.3 EMISSION FACTORS MODEL

On August 19, 2019, the EPA approved the 2017 version of the EMISSIONS FACTOR model (EMFAC) web database for use in State Implementation Plan and transportation conformity analyses. EMFAC2017 is a mathematical model that was developed to calculate emission rates, fuel consumption, VMT from motor vehicles that operate on highways, freeways, and local roads in California and is commonly used by the CARB to project changes in future emissions from on-road mobile sources (26). This energy study utilizes the different fuel types for each vehicle class from the annual EMFAC2017 emission inventory in order to derive the average vehicle fuel economy which is then used to determine the estimated annual fuel consumption associated with vehicle usage during Project construction and operational activities. For purposes of analysis, the 2021 through 2022 analysis years were utilized to determine the average vehicle fuel economy used throughout the duration of the Project.

4.2.4 CONSTRUCTION DURATION

For purposes of analysis, construction is expected to commence in July 2021 and last through November 2022. The construction schedule utilized in the analysis, shown in Table 4-1, represents a “worst-case” analysis scenario. Should construction occur any time after the respective dates, impacts would be reduced since emission factors for construction decrease as time passes due to emission regulations becoming more stringent⁷. The duration of construction activity and associated equipment represents a reasonable approximation of the expected construction fleet as required per *CEQA Guidelines* (27). The duration of construction activity was based on the information provided by the Project Applicant. A specific schedule for the 6th Street at-grade crossing of the railroad spur is unknown and would depend on various factors, including the timing for the City to obtain required permits and approvals from the BNSF Railway and

² As per the CalEEMod User’s Guide, the Unrefrigerated Warehouse – No Rail land use is defined as a warehouse that does not have refrigeration and no rail spur. It should be noted that although the conceptual site plan accommodates use of a rail spur, it is not intended to be used for Project operations.

³ As per the CalEEMod User’s Guide, the Refrigerated Warehouse – No Rail land use is defined as a warehouse that has refrigeration and no rail spur.

⁴ Per the site plan, the Project would include 362,900 sf of landscape area. For purposes of analysis, the landscape area will be modeled in CalEEMod as Other Non-Asphalt Surfaces. Per the User’s Guide, this land use category is defined as non-asphalt areas.

⁵ Per the site plan, the Project would include 1,540 sf of employee outdoor area. For purposes of analysis, the employee outdoor area will be modeled in CalEEMod as Other Asphalt Surfaces. Per the User’s Guide, this land use category is defined as asphalt areas that are not used as a parking lot.

⁶ The Project would provide 746 auto parking stalls, 273 dock loading positions, 313 trailer parking spaces, 38 bicycle parking (short-term) spaces, and 38 bicycle parking (long-term) spaces. For purposes of analysis, the remaining area of the total Project Site will be modeled under the Parking Lot land use category.

⁷ As shown in the CalEEMod User’s Guide Version 2016.3.2, Section 4.3 “OFFROAD Equipment” as the analysis year increases, emission factors for the same equipment pieces decrease due to the natural turnover of older equipment being replaced by newer less polluting equipment and new regulatory requirements.

California Public Utilities Commission. The at-grade crossing could be constructed concurrently with the Project, or subsequent to Project construction; the at-grade crossing is not required for operation of the Project.

TABLE 4-1: CONSTRUCTION DURATION

Area	Phase Name	Phase Type	Start Date	End Date	Days
Overall Site	Site Work	Demolition/Crushing	07/01/2021	10/04/2021	68
		Grading	07/01/2021	10/04/2021	68
Building 1	Site Work	Utilities/Infrastructure Construction	010/05/2021	01/24/2022	80
		Paving	01/25/2022	02/21/2022	20
	Vertical Construction	Building Construction/Architectural Coating	02/22/2022	11/28/2022	200
Building 2	Site Work	Utilities/Infrastructure Construction	010/05/2021	01/24/2022	80
		Paving	01/25/2022	02/21/2022	20
	Vertical Construction	Building Construction/Architectural Coating	02/22/2022	11/28/2022	200

4.2.5 CONSTRUCTION EQUIPMENT

The construction equipment fleet was based on information provided by the Project Applicant. The associated construction equipment was generally based on CalEEMod defaults. A detailed summary of construction equipment assumptions by phase is provided at Table 4-2. Please refer to specific detailed modeling inputs/outputs contained in Appendix 4.1 of this energy study.

With respect to the 6th Street at-grade crossing of the railroad spur, due to the limited construction area and limited scope of construction activities for this roadway improvement, use of heavy construction equipment would not be required. Further, if the at-grade crossing is constructed concurrently with the Project no additional equipment beyond that anticipated for the Project would be required and the estimated energy use presented below would not be exceeded.

If the 6th Street at-grade crossing is constructed after completion of the Project’s construction activities, energy use associated with construction of the at-grade crossing are anticipated to be nominal and would not exceed the energy use identified for Project-related construction activities. Therefore, energy use associated with the construction of the 6th Street is within the envelope of impacts analyzed for the Project.

EXHIBIT 4-A: PROJECT SITE AND 6TH STREET RAILROAD SPUR CROSSING

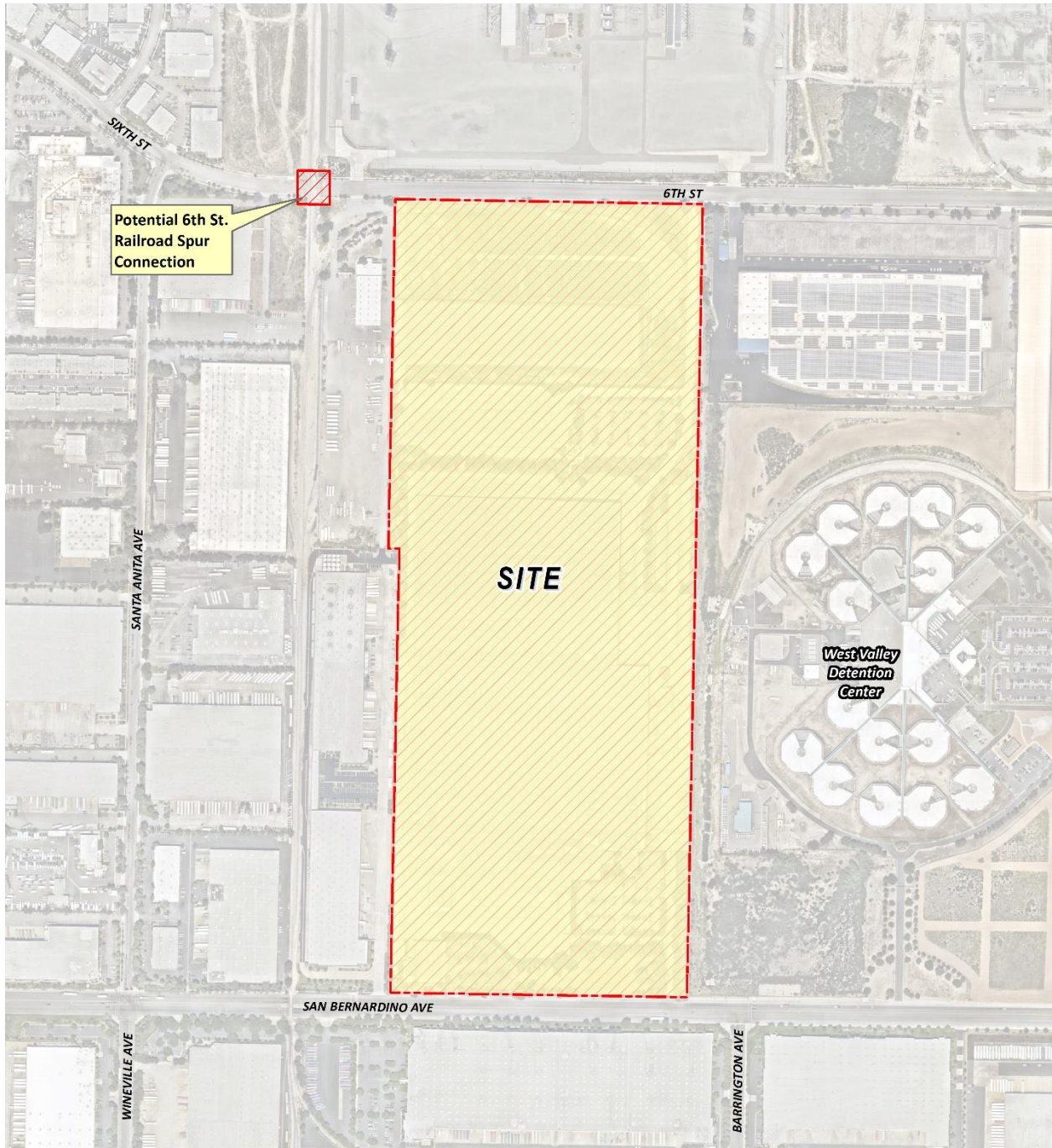


TABLE 4-2: CONSTRUCTION EQUIPMENT ASSUMPTIONS (1 OF 2)

Area	Phase Type	Equipment	Amount	Hours Per Day
Overall Site	Demolition/Crushing	Boom Lift	4	8
		Breakers	1	8
		Concrete/Industrial Saws	1	8
		Crusher	1	8
		Excavators	3	8
		Generator Sets	2	8
		Rubber Tired Dozers	2	8
		Skid Steer	4	8
		Water Trucks	4	4
	Grading	Crawler Tractors	3	8
		Excavators	3	8
		Graders	3	8
		Rubber Tired Dozers	3	8
		Scrapers	3	8
Water Trucks		3	4	
Building 1	Utilities/Infrastructure	Excavators	1	8
		Skip Loaders/Backhoes	3	8
		Trencher	1	8
		Water Trucks	1	4
	Building Construction	Cranes	1	8
		Crawler Tractors	1	8
		Forklifts	2	8
		Generator Sets	1	8
		Laser Screed	1	8
		Scissor Lifts/Boom Lifts	8	8
		Skip Loaders/Backhoes	3	8
		Water Trucks	1	4
	Paving	Welders	2	8
		Pavers	1	8
		Paving Equipment	1	8
	Architectural Coating	Rollers	1	8
		Air Compressors	1	8

TABLE 4-2: CONSTRUCTION EQUIPMENT ASSUMPTIONS (2 OF 2)

Area	Phase Type	Equipment	Amount	Hours Per Day
Building 2	Utilities/Infrastructure	Excavators	1	8
		Skip Loaders/Backhoes	3	8
		Trencher	1	8
		Water Trucks	1	4
	Building Construction	Cranes	1	8
		Crawler Tractors	1	8
		Forklifts	2	8
		Generator Sets	1	8
		Laser Screed	1	8
		Scissor Lifts/Boom Lifts	8	8
		Skip Loaders/Backhoes	3	8
		Water Trucks	1	4
	Paving	Pavers	1	8
		Paving Equipment	1	8
		Rollers	1	8
	Architectural Coating	Air Compressors	1	8

4.3 CONSTRUCTION ENERGY DEMANDS

4.3.1 CONSTRUCTION POWER COST AND ELECTRICITY USAGE

The focus within this section is the energy implications of the construction process, specifically the power cost from on-site electricity consumption during construction of the proposed Project. The *2020 National Construction Estimator* identifies a typical power cost per 1,000 sf of construction per month of \$2.38, which was used to calculate the Project’s total construction power cost (28). The proposed Project includes the development of 1,957,500 sf of High-Cube Fulfillment Center (Non-Sort) Warehouse (90% of the total square footage of Building 1 and Building 2) and 217,500 sf of High-Cube Cold Storage Warehouse (10% of the total square footage of Building 1 and Building 2), 1,408 space parking lot, 362,900 sf of landscaped area, and 1,540 sf of employee outdoor area. Based on information provided in the AQIA, construction activities are anticipated to occur over the course of 16 months (24). Based on Table 4-3, the total power cost of the on-site electricity usage during the construction of the Project is estimated to be approximately \$141,068.24.

The SCE’s general service rate schedule were used to determine the Project’s electrical usage. As of October 1, 2020, SCE’s general service rate is \$0.10 per kilowatt hours (kWh) of electricity for industrial services (29). As shown on Table 4-4, the total electricity usage from on-site Project construction related activities is estimated to be approximately 1,472,759 kWh.

TABLE 4-3: CONSTRUCTION POWER COST

Land Use	Power Cost (per 1,000 SF of construction per month)	Size (1,000 SF)	Construction Duration (months)	Project Construction Power Cost
High-Cube Fulfillment Center (Non-Sort) Warehouse	\$2.38	1,957.500	16	\$74,541.60
High-Cube Cold Storage Warehouse	\$2.38	217.500	16	\$8,282.40
Parking Lot	\$2.38	1,157.383	16	\$44,073.14
Landscape	\$2.38	370.600	16	\$14,112.45
Other Asphalt Surfaces	\$2.38	1.540	16	\$58.64
CONSTRUCTION POWER COST				\$141,068.24

TABLE 4-4: CONSTRUCTION ELECTRICITY USAGE

Land Use	Cost per kWh	Project Construction Electricity Usage (kWh)
High-Cube Fulfillment Center (Non-Sort) Warehouse	\$0.10	778,218
High-Cube Cold Storage Warehouse	\$0.10	86,469
Parking Lot	\$0.10	460,126
Landscape	\$0.10	147,335
Other Asphalt Surfaces	\$0.10	612
CONSTRUCTION ELECTRICITY USAGE (kWh)		1,472,759

4.3.2 CONSTRUCTION EQUIPMENT FUEL ESTIMATES

Fuel consumed by construction equipment would be the primary energy resource expended over the course of Project construction. Project construction activity timeline estimates, construction equipment schedules, equipment power ratings, load factors, and associated fuel consumption estimates are presented in Table 4-5. Eight-hour daily use of all equipment is assumed. The aggregate fuel consumption rate for all equipment is estimated at 18.5 horsepower hour per gallon (hp-hr-gal.), obtained from CARB 2018 Emissions Factors Tables and cited fuel consumption rate factors presented in Table D-24 of the Moyer guidelines (30). For the purposes of this analysis, the calculations are based on all construction equipment being diesel-powered which is consistent with industry standards. Diesel fuel would be supplied by existing commercial fuel providers serving the City and region⁸. As presented in Table 4-5, Project construction activities would consume an estimated 244,417 gallons of diesel fuel. Project construction would represent a “single-event” diesel fuel demand and would not require on-going or permanent commitment of diesel fuel resources for this purpose.

⁸ Based on Appendix A of the CalEEMod User’s Guide, Construction consists of several types of off-road equipment. Since the majority of the off-road construction equipment used for construction projects are diesel fueled, CalEEMod assumes all of the equipment operates on diesel fuel.

TABLE 4-5: CONSTRUCTION EQUIPMENT FUEL CONSUMPTION ESTIMATES (1 OF 3)

Phase Type	Equipment	HP Rating	Quantity	Usage Hours	Load Factor	HP-hrs/day	Total Fuel Consumption
Overall Site Construction							
Demolition/Crushing	Aerial Lifts	63	4	8	0.31	625	2,297
	Concrete/Industrial Saws	81	1	8	0.73	473	1,739
	Crushing/Proc. Equipment	85	1	8	0.78	530	1,950
	Excavators	158	3	8	0.38	1,441	5,297
	Generator Sets	1050	2	8	0.74	12,432	45,696
	Other Construction	172	1	8	0.42	578	2,124
	Rubber Tired Dozers	247	2	8	0.40	1,581	5,811
	Skid Steer Loaders	65	4	8	0.37	770	2,829
Grading	Crawler Tractors	212	3	8	0.43	2,188	8,042
	Excavators	158	3	8	0.38	1,441	5,297
	Graders	187	3	8	0.41	1,840	6,764
	Rubber Tired Dozers	247	3	8	0.40	2,371	8,716
	Scrapers	367	3	8	0.48	4,228	15,540
Building 1 Construction							
Utilities/ Infrastructure	Excavators	158	1	8	0.38	480	2,077
	Tractors/Loaders/Backhoes	97	3	8	0.37	861	3,725
	Trenchers	78	1	8	0.50	312	1,349
Paving	Pavers	130	1	8	0.42	437	472
	Paving Equipment	132	1	8	0.36	380	411
	Rollers	80	1	8	0.38	243	263

TABLE 4-5: CONSTRUCTION EQUIPMENT FUEL CONSUMPTION ESTIMATES (2 OF 3)

Phase Type	Equipment	HP Rating	Quantity	Usage Hours	Load Factor	HP-hrs/day	Total Fuel Consumption
Building 1 Construction							
Building Construction	Aerial Lifts	63	8	8	0.31	1,250	13,513
	Cranes	231	1	8	0.29	536	5,794
	Crawler Tractors	212	1	8	0.43	729	7,884
	Forklifts	89	2	8	0.20	285	3,079
	Generator Sets	84	1	8	0.74	497	5,376
	Other Construction	172	1	8	0.42	578	6,248
	Tractors/Loaders/Backhoes	97	3	8	0.37	861	9,312
	Welders	46	2	8	0.45	331	3,581
Architectural Coating	Air Compressors	78	1	8	0.48	300	3,076
Building 2 Construction							
Utilities/ Infrastructure	Excavators	158	1	8	0.38	480	2,077
	Tractors/Loaders/Backhoes	97	3	8	0.37	861	3,725
	Trenchers	78	1	8	0.50	312	1,349
Paving	Pavers	130	1	8	0.42	437	472
	Paving Equipment	132	1	8	0.36	380	411
	Rollers	80	1	8	0.38	243	263
Building Construction	Aerial Lifts	63	8	8	0.31	1,250	13,513
	Cranes	231	1	8	0.29	536	5,794
	Crawler Tractors	212	1	8	0.43	729	7,884
	Forklifts	89	2	8	0.20	285	3,079
	Generator Sets	84	1	8	0.74	497	5,376
	Other Construction	172	1	8	0.42	578	6,248
	Tractors/Loaders/Backhoes	97	3	8	0.37	861	9,312
	Welders	46	2	8	0.45	331	3,581

TABLE 4-5: CONSTRUCTION EQUIPMENT FUEL CONSUMPTION ESTIMATES (3 OF 3)

Phase Type	Equipment	HP Rating	Quantity	Usage Hours	Load Factor	HP-hrs/day	Total Fuel Consumption
Building 2 Construction							
Architectural Coating	Air Compressors	78	1	8	0.48	300	3,076
CONSTRUCTION FUEL DEMAND (GALLONS DIESEL FUEL)							244,417

4.3.3 ON-ROAD TRIPS

The Trip and VMT are the number and length (in terms VMT⁹) of on-road vehicle trips for workers, vendors, and hauling for each construction phase. It should be noted that for Vendor Trips, specifically, CalEEMod only assigns Vendor Trips to the Building Construction phase. Vendor trips would likely occur during all phases of construction. As such, the CalEEMod defaults for Vendor Trips have been adjusted based on a ratio of the total vendor trips to the number of days of each subphase of activity. The trips identified in Table 4-6.

TABLE 4-6: CONSTRUCTION TRIPS AND VMT

Phase Type	Worker Trips / Day	Vendor Trips / Day	Total Hauling Trips	Worker Trip Length	Vendor Trip Length	Hauling Trip Length
Overall Site Construction						
Demolition/Crushing	40	33	306	14.7	6.9	20
Grading	13	33	680	14.7	6.9	20
Building 1 Construction						
Utilities/Infrastructure	15	92	0	14.7	6.9	20
Paving	8	23	0	14.7	6.9	20
Building Construction/ Architectural Coating	1,168	230	0	14.7	6.9	20
Building 2 Construction						
Utilities/Infrastructure	15	79	0	14.7	6.9	20
Paving	8	20	0	14.7	6.9	20
Building Construction/ Architectural Coating	1,008	198	0	14.7	6.9	20

4.3.4 CONSTRUCTION WORKER FUEL ESTIMATES

With respect to estimated VMT for the Project, the construction worker trips would generate an estimated 6,474,056 VMT during the 16 months of construction (24). Based on CalEEMod methodology, it is assumed that 50% of all vendor trips are from light-duty-auto vehicles (LDA), 25% are from light-duty-trucks (LDT1¹⁰), and 25% are from light-duty-trucks (LDT2¹¹). Data regarding Project related construction worker trips were based on CalEEMod defaults utilized within the AQIA.

Vehicle fuel efficiencies for LDA, LDT1, and LDT2 were estimated using information generated within the 2017 version of the EMFAC developed by CARB. EMFAC2017 is a mathematical model

⁹ For purposes of analysis, VMT is calculated by multiplying to number of trips by the trip length.

¹⁰ Vehicles under the LDT1 category have a gross vehicle weight rating (GVWR) of less than 6,000 lbs. and equivalent test weight (ETW) of less than or equal to 3,750 lbs.

¹¹ Vehicles under the LDT2 category have a GVWR of less than 6,000 lbs. and ETW between 3,751 lbs. and 5,750 lbs.

that was developed to calculate emission rates, fuel consumption, and VMT from motor vehicles that operate on highways, freeways, and local roads in California and is commonly used by the CARB to project changes in future emissions from on-road mobile sources (26). EMFAC2017 was run for the LDA, LDT1, and LDT2 vehicle class within the California sub-area for the 2021 and 2022 calendar years. Data from EMFAC2017 is shown in Appendix 4.5.

As generated by EMFAC2017, an aggregated fuel economy of LDAs ranging from model year 1974 to model years 2021 and 2022 are estimated to have fuel efficiencies of 31.01 miles per gallon (mpg) and 31.93 mpg, respectively. Table 4-7 provides an estimated annual fuel consumption resulting from LDAs related to the Project construction worker trips. Based on Table 4-7, it is estimated that 101,367 gallons of fuel would be consumed related to construction worker trips during full construction of the Project.

TABLE 4-7: CONSTRUCTION WORKER FUEL CONSUMPTION ESTIMATES (LDA)

Area	Phase Type	Worker Trips / Day	Trip Length (miles)	VMT	Average Vehicle Fuel Economy (mpg)	Estimated Fuel Consumption (gallons)
2021						
Overall Site Construction	Demolition/Crushing	20	14.7	19,992	31.01	645
	Grading	19	14.7	18,992	31.01	612
Building 1	Utilities/Infrastructure	8	14.7	7,526	31.01	243
Building 2	Utilities/Infrastructure	8	14.7	7,526	31.01	243
2022						
Building 1	Utilities/Infrastructure	8	14.7	1,882	31.93	59
	Paving	4	14.7	1,176	31.93	37
	Building Construction/ Architectural Coating	585	14.7	1,705,494	31.93	53,413
Building 2	Utilities/Infrastructure	8	14.7	1,882	31.93	59
	Paving	4	14.7	1,176	31.93	37
	Building Construction/ Architectural Coating	504	14.7	1,469,412	31.93	46,020
PROJECT CONSTRUCTION WORKER (LDA) FUEL CONSUMPTION						101,367

The EMFAC2017 aggregated fuel economy of LDT1s ranging from model year 1974 to model years 2021 and 2022 are estimated to have fuel efficiencies of 26.03 mpg and 26.79 mpg, respectively. Table 4-8 provides an estimated annual fuel consumption resulting from LDT1s related to the Project construction worker trips. Based on Table 4-8, it is estimated that 60,483 gallons of fuel would be consumed related to construction worker trips during full construction of the Project.

TABLE 4-8: CONSTRUCTION WORKER FUEL CONSUMPTION ESTIMATES (LDT1)

Area	Phase Type	Worker Trips / Day	Trip Length (miles)	VMT	Average Vehicle Fuel Economy (mpg)	Estimated Fuel Consumption (gallons)
2021						
Overall Site Construction	Demolition/Crushing	10	14.7	9,996	26.03	384
	Grading	10	14.7	9,996	26.03	384
Building 1	Utilities/Infrastructure	4	14.7	3,763	26.03	145
Building 2	Utilities/Infrastructure	4	14.7	3,763	26.03	145
2022						
Building 1	Utilities/Infrastructure	4	14.7	941	26.79	35
	Paving	2	14.7	588	26.79	22
	Building Construction/ Architectural Coating	293	14.7	854,217	26.79	31,886
Building 2	Utilities/Infrastructure	4	14.7	941	26.79	35
	Paving	2	14.7	588	26.79	22
	Building Construction/ Architectural Coating	252	14.7	734,706	26.79	27,425
PROJECT CONSTRUCTION WORKER (LDT1) FUEL CONSUMPTION						60,483

The EMFAC2017 aggregated fuel economy of LDT2s ranging from model year 1974 to model years 2021 and 2022 are estimated to have fuel efficiencies of 24.23 mpg and 25.15 mpg, respectively. Table 4-9 provides an estimated annual fuel consumption resulting from LDT2s related to the Project construction worker trips. Based on Table 4-9, it is estimated that 64,448 gallons of fuel would be consumed related to construction worker trips during full construction of the Project.

TABLE 4-9: CONSTRUCTION WORKER FUEL CONSUMPTION ESTIMATES (LDT2)

Area	Phase Type	Worker Trips / Day	Trip Length (miles)	VMT	Average Vehicle Fuel Economy (mpg)	Estimated Fuel Consumption (gallons)
2021						
Overall Site Construction	Demolition/Crushing	10	14.7	9,996	24.23	413
	Grading	10	14.7	9,996	24.23	413
Building 1	Utilities/Infrastructure	4	14.7	3,763	24.23	155
Building 2	Utilities/Infrastructure	4	14.7	3,763	24.23	155
2022						
Building 1	Utilities/Infrastructure	4	14.7	941	25.15	37
	Paving	2	14.7	588	25.15	23
	Building Construction/ Architectural Coating	293	14.7	854,217	25.15	33,972
Building 2	Utilities/Infrastructure	4	14.7	941	25.15	37
	Paving	2	14.7	588	25.15	23
	Building Construction/ Architectural Coating	252	14.7	734,706	25.15	29,219
PROJECT CONSTRUCTION WORKER (LDT2) FUEL CONSUMPTION						64,448

It should be noted that construction worker trips would represent a “single-event” gasoline fuel demand and would not require on-going or permanent commitment of fuel resources for this purpose.

4.3.5 CONSTRUCTION VENDOR AND HAULING FUEL ESTIMATES

With respect to estimated VMT, the construction vendor and hauling trips (vehicles that deliver materials to the site during construction) would generate an estimated 2,052,792 VMT along area roadways for the Project over the duration of construction activity (24). It is assumed that 50% of all vendor trips are from medium-heavy duty trucks (MHDT), 50% are from heavy-heavy duty trucks (HHDT), and 100% of hauling trips are HHDTs. These assumptions are consistent with the CalEEMod defaults utilized within the within the AQIA (24). Vehicle fuel efficiencies for MHDTs and HHDTs were estimated using information generated within EMFAC2017. EMFAC2017 was run for the MHDT and HHDT vehicle classes within the California sub-area for the 2021 and 2022 calendar years. Data from EMFAC2017 is shown in Appendix 4.5.

As generated by EMFAC2017, an aggregated fuel economy of MHDTs ranging from model year 1974 to model years 2021 and 2022 are estimated to have fuel efficiencies of 9.73 mpg and 10.04 mpg, respectively. Based on Table 4-10, it is estimated that 35,608 gallons of fuel would be consumed related to construction vendor trips (MHDTs) during full construction of the Project.

TABLE 4-10: CONSTRUCTION VENDOR FUEL CONSUMPTION ESTIMATES (MHDT)

Area	Phase Type	Vendor Trips / Day	Trip Length (miles)	VMT	Average Vehicle Fuel Economy (mpg)	Estimated Fuel Consumption (gallons)
2021						
Overall Site Construction	Demolition/Crushing	17	6.9	7,976	9.73	820
	Grading	17	6.9	7,976	9.73	820
Building 1	Utilities/Infrastructure	46	6.9	20,314	9.73	2,088
Building 2	Utilities/Infrastructure	40	6.9	17,664	9.73	1,816
2022						
Building 1	Utilities/Infrastructure	46	6.9	5,078	10.04	506
	Paving	12	6.9	1,656	10.04	165
	Building Construction/ Architectural Coating	115	6.9	154,836	10.04	15,415
Building 2	Utilities/Infrastructure	40	6.9	4,416	10.04	440
	Paving	10	6.9	1,380	10.04	137
	Building Construction/ Architectural Coating	100	6.9	134,619	10.04	13,402
PROJECT CONSTRUCTION VENDOR (MHDT) FUEL CONSUMPTION						35,608

Tables 4-11 and 4-12 shows the estimated fuel economy of HHDTs accessing the Project site. As generated by EMFAC2017, an aggregated fuel economy of HHDTs ranging from model year 1974 to model years 2021 and 2022 are estimated to have fuel efficiencies of 6.16 mpg and 6.33 mpg, respectively. Based on Tables 4-11 and 4-12, fuel consumption from construction vendor and hauling trips (HHDTs) would total approximately 274,263 gallons.

TABLE 4-11: CONSTRUCTION VENDOR FUEL CONSUMPTION ESTIMATES (HHDT)

Area	Phase Type	Vendor Trips / Day	Trip Length (miles)	VMT	Average Vehicle Fuel Economy (mpg)	Estimated Fuel Consumption (gallons)
2021						
Overall Site Construction	Demolition/Crushing	17	6.9	7,976	6.16	1,295
	Grading	17	6.9	7,976	6.16	1,295
Building 1	Utilities/Infrastructure	46	6.9	20,314	6.16	3,299
Building 2	Utilities/Infrastructure	40	6.9	17,664	6.16	2,869
2022						
Building 1	Utilities/Infrastructure	46	6.9	5,078	6.33	802
	Paving	12	6.9	1,656	6.33	262
	Building Construction/ Architectural Coating	115	6.9	154,836	6.33	24,463
Building 2	Utilities/Infrastructure	40	6.9	4,416	6.33	698
	Paving	10	6.9	1,380	6.33	218
	Building Construction/ Architectural Coating	100	6.9	134,619	6.33	21,268
PROJECT CONSTRUCTION VENDOR (HHDT) FUEL CONSUMPTION						56,470

TABLE 4-12: CONSTRUCTION HAULING FUEL CONSUMPTION ESTIMATES (HHDT)

Area	Phase Type	Hauling Trips / Day	Trip Length (miles)	VMT	Average Vehicle Fuel Economy (mpg)	Estimated Fuel Consumption (gallons)
2021						
Overall Site Construction	Demolition/Crushing	306	20	416,160	6.16	67,591
	Grading	680	20	924,800	6.16	150,202
PROJECT CONSTRUCTION HAULING (HHDT) FUEL CONSUMPTION						217,793

It should be noted that Project construction vendor and hauling trips would represent a “single-event” diesel fuel demand and would not require on-going or permanent commitment of diesel fuel resources for this purpose.

4.3.6 CONSTRUCTION ENERGY EFFICIENCY/CONSERVATION MEASURES

Starting in 2014, CARB adopted the nation's first regulation aimed at cleaning up off-road construction equipment such as bulldozers, graders, and backhoes. These requirements ensure fleets gradually turnover the oldest and dirtiest equipment to newer, cleaner models and prevent fleets from adding older, dirtier equipment. As such, the equipment used for Project construction

would conform to CARB regulations and California emissions standards. It should also be noted that there are no unusual Project characteristics or construction processes that would require the use of equipment that would be more energy intensive than is used for comparable activities; or equipment that would not conform to current emissions standards (and related fuel efficiencies). Equipment employed in construction of the Project would therefore not result in inefficient wasteful, or unnecessary consumption of fuel.

Construction contractors would be required to comply with applicable CARB regulation regarding retrofitting, repowering, or replacement of diesel off-road construction equipment. Additionally, CARB has adopted the Airborne Toxic Control Measure to limit heavy-duty diesel motor vehicle idling in order to reduce public exposure to diesel particulate matter and other Toxic Air Contaminants. Compliance with anti-idling and emissions regulations would result in a more efficient use of construction-related energy and the minimization or elimination of wasteful or unnecessary consumption of energy. Idling restrictions and the use of newer engines and equipment would result in less fuel combustion and energy consumption.

Additional construction-source energy efficiencies would occur due to required California regulations and best available control measures (BACM). For example, CCR Title 13, Motor Vehicles, section 2449(d)(2) Idling, limits idling times of construction vehicles to no more than five minutes, thereby precluding unnecessary and wasteful consumption of fuel due to unproductive idling of construction equipment. Construction activities shall be conducted in compliance with Section 2449, General Requirements for In-Use Off-Road Diesel-Fueled Fleets, of the California Code of Regulations (CCR) Title 13, Motor Vehicles. Section 2449(d)(2) limits idling times of off-road diesel-fueled vehicles and engines to no more than five consecutive minutes. Adherence to idling limitations shall be confirmed through periodic site inspections conducted by City building officials.

A full analysis related to the energy needed to form construction materials is not included in this analysis due to a lack of detailed Project-specific information on construction materials. At this time, an analysis of the energy needed to create Project-related construction materials would be extremely speculative and thus has not been prepared.

In general, the construction processes promote conservation and efficient use of energy by reducing raw materials demands, with related reduction in energy demands associated with raw materials extraction, transportation, processing and refinement. Use of materials in bulk reduces energy demands associated with preparation and transport of construction materials as well as the transport and disposal of construction waste and solid waste in general, with corollary reduced demands on area landfill capacities and energy consumed by waste transport and landfill operations.

4.4 OPERATIONAL ENERGY DEMANDS

Energy consumption in support of or related to Project operations would include transportation energy demands (energy consumed by passenger car and truck vehicles accessing the Project site) and facilities energy demands (energy consumed by building operations and site maintenance activities).

4.4.1 TRANSPORTATION ENERGY DEMANDS

4.4.1.1 EXISTING TRANSPORTATION ENERGY DEMANDS

As previously stated, the Project site is currently occupied by 1,431,000 sf of High-Cube Transload Short-Term Storage Warehouse (Without Cold Storage) use and 23,240 sf of Free-Standing Discount Store use. The estimated transportation energy demands from the existing development are summarized on Table 4-13.

TABLE 4-13: TOTAL PROJECT-GENERATED TRAFFIC ANNUAL FUEL CONSUMPTION (ALL VEHICLES)

Vehicle Type	Annual VMT	Estimated Annual Fuel Consumption (gallons)
<i>EXISTING (ALL VEHICLES)</i>	<i>17,577,630</i>	<i>1,167,387</i>

4.4.1.2 PROPOSED PROJECT TRANSPORTATION ENERGY DEMANDS

Energy that would be consumed by Project-generated traffic is a function of total VMT and estimated vehicle fuel economies of vehicles accessing the Project site.

LIGHT-DUTY AUTOS

With respect to estimated VMT and based on the trip frequency and trip length methodologies cited in the Project’s AQIA, the Project would generate an estimated 13,092,584 annual VMT along area roadways for all LDAs with full build-out of the Project (24). Table 4-14 provides an estimated range of annual fuel consumption resulting from Project generated LDAs. Based on Table 4-14, it is estimated that 410,038 gallons of fuel would be consumed from Project generated LDA trips.

TABLE 4-14: PROJECT-GENERATED LIGHT DUTY AUTO VEHICLE TRAFFIC ANNUAL FUEL CONSUMPTION

Annual VMT	Average Vehicle Fuel Economy (mpg)	Estimated Annual Fuel Consumption (gallons)
13,092,584	31.93	410,038

LIGHT-DUTY TRUCKS

With respect to estimated VMT and based on the trip frequency and trip length methodologies cited in the Project’s AQIA, the Project would generate an estimated 862,072 annual VMT along area roadways for all LDT1 vehicles with full build-out of the Project (24). Table 4-15 provides an estimated range of annual fuel consumption resulting from Project generated LDT1s. Based on Table 4-15, it is estimated that 32,179 gallons of fuel would be consumed from Project generated LDT1 trips.

TABLE 4-15: PROJECT-GENERATED LIGHT DUTY TRUCKS 1 VEHICLE TRAFFIC ANNUAL FUEL CONSUMPTION

Annual VMT	Average Vehicle Fuel Economy (mpg)	Estimated Annual Fuel Consumption (gallons)
862,072	26.79	32,179

Additionally, the Project would generate an estimated 4,268,409 annual VMT along area roadways for all LDT2 vehicles with full build-out of the Project (24). Table 4-16 provides an estimated range of annual fuel consumption resulting from Project generated LDT2s. Based on Table 4-16, it is estimated that 169,751 gallons of fuel would be consumed from Project generated LDT2 trips.

TABLE 4-16: PROJECT-GENERATED LIGHT DUTY TRUCKS 2 VEHICLE TRAFFIC ANNUAL FUEL CONSUMPTION

Annual VMT	Average Vehicle Fuel Economy (mpg)	Estimated Annual Fuel Consumption (gallons)
4,268,409	25.15	169,751

MEDIUM-DUTY TRUCKS

With respect to estimated VMT and based on the trip frequency and trip length methodologies cited in the Project’s AQIA, the Project would generate an estimated 2,751,918 annual VMT along area roadways for all Medium-Duty Trucks (MDV) vehicles with full build-out of the Project (24). Table 4-17 provides an estimated range of annual fuel consumption resulting from Project generated MDVs. Based on Table 4-17, it is estimated that 135,161 gallons of fuel would be consumed from Project generated MDV trips.

TABLE 4-17: PROJECT-GENERATED MEDIUM DUTY VEHICLE TRAFFIC ANNUAL FUEL CONSUMPTION

Annual VMT	Average Vehicle Fuel Economy (mpg)	Estimated Annual Fuel Consumption (gallons)
2,751,918	20.36	135,161

LIGHT-HEAVY DUTY TRUCKS

With respect to estimated VMT and based on the trip frequency and trip length methodologies cited in the Project’s AQIA, the Project would generate an estimated 1,707,969 annual VMT along area roadways for all Light-Heavy-Duty Trucks (LHDT1)¹² vehicles with full build-out of the Project (24). Table 4-18 provides an estimated range of annual fuel consumption resulting from Project generated LHDT1s. Based on Table 4-18, it is estimated that 124,238 gallons of fuel would be consumed from Project generated LHDT1 trips.

TABLE 4-18: PROJECT-GENERATED LIGHT-HEAVY-DUTY TRUCKS TRAFFIC ANNUAL FUEL CONSUMPTION

Annual VMT	Average Vehicle Fuel Economy (mpg)	Estimated Annual Fuel Consumption (gallons)
1,707,969	13.75	124,238

¹² Vehicles under the LHDT1 category have a GVWR of 8,501 to 10,000 lbs.

MEDIUM-HEAVY DUTY TRUCKS

With respect to estimated VMT and based on the trip frequency and trip length methodologies cited in the Project’s AQIA, the Project would generate an estimated 1,389,972 annual VMT along area roadways for all MHDTs with full build-out of the Project (24). Table 4-19 provides an estimated range of annual fuel consumption resulting from Project generated MHDTs. Based on Table 4-19, it is estimated that 138,383 gallons of fuel would be consumed from Project generated MHDT trips.

TABLE 4-19: PROJECT-GENERATED MEDIUM HEAVY-DUTY TRUCK TRAFFIC ANNUAL FUEL CONSUMPTION

Annual VMT	Average Vehicle Fuel Economy (mpg)	Estimated Annual Fuel Consumption (gallons)
1,389,972	10.04	138,383

HEAVY-HEAVY DUTY TRUCKS

With respect to estimated VMT and based on the trip frequency and trip length methodologies cited in the Project’s AQIA, the Project would generate an estimated 4,660,719 annual VMT along area roadways for all HHDTs with full build-out of the Project (24). Table 4-20 provides an estimated range of annual fuel consumption resulting from Project generated HHDTs. Based on Table 4-20, it is estimated that 736,348 gallons of fuel would be consumed from Project generated HHDT trips.

TABLE 4-20: PROJECT-GENERATED HEAVY-HEAVY-DUTY TRUCK TRAFFIC ANNUAL FUEL CONSUMPTION

Annual VMT	Average Vehicle Fuel Economy (mpg)	Estimated Annual Fuel Consumption (gallons)
4,660,719	6.33	736,348

TRANSPORTATION REFRIGERATION UNITS (TRUs)

In order to account for the possibility of refrigerated uses, trucks accessing proposed Project are assumed to also have TRUs. Therefore, for modeling purposes 81 total daily trucks (one-way) are assumed to be trucks with TRUs (total of 29,565 units per year) operating at 4 hours per day. The TRU calculations are based on the 2017 Off-road Emissions model, version 1.0.1 (Orion), developed by the CARB. Table 4-21, it is estimated that 229 gallons of fuel would be consumed from Project generated TRUs.

TABLE 4-21: PROJECT-GENERATED TRU ANNUAL FUEL CONSUMPTION

Units per Year	Operating Hours	Gallons per Hour	Estimated Annual Fuel Consumption (gallons)
29,565	4	0.001936	229

The estimated transportation energy demands are summarized on Tables 4-21. It should be noted that the existing development demands were subtracted from the Project demands to determine the net transportation energy demands from the proposed Project. As summarized

on Table 4-21 the Project would result in a net increase of 11,156,013 annual VMT and an estimated annual fuel consumption of 578,941 gallons of fuel.

TABLE 4-22: TOTAL NET PROJECT-GENERATED TRAFFIC ANNUAL FUEL CONSUMPTION (ALL VEHICLES)

Vehicle Type	Annual VMT	Estimated Annual Fuel Consumption (gallons)
LDA	13,092,584	410,038
LDT1	862,072	32,179
LDT2	4,268,409	169,751
MDV	2,751,918	135,161
LHDT	1,707,969	124,238
MHDT	1,389,972	138,383
HHDT	4,660,719	736,348
TRUs	-	229
TOTAL (ALL VEHICLES)	28,733,643	1,746,328
<i>EXISTING (ALL VEHICLES)</i>	<i>17,577,630</i>	<i>1,167,387</i>
NET (PROPOSED – EXISTING)	11,156,013	578,941

4.4.2 FACILITY ENERGY DEMANDS

4.4.2.1 EXISTING FACILITY ENERGY DEMANDS

As previously stated, the Project site is currently occupied by 1,431,000 sf of High-Cube Transload Short-Term Storage Warehouse (Without Cold Storage) use and 23,240 sf of Free-Standing Discount Store use. The estimated facility energy demands from the existing development are summarized on Table 4-23 and based on historic utility bills for the existing facility.

TABLE 4-23: EXISTING ANNUAL OPERATIONAL ENERGY DEMAND SUMMARY

Natural Gas Demand	kBTU/year
Free-Standing Discount Store	1,585,900
Unrefrigerated Warehouse - No Rail	97,651,400
TOTAL EXISTING NATURAL GAS DEMAND	99,237,300
Electricity Demand	kWh/year
Free-Standing Discount Store	99,002
Unrefrigerated Warehouse - No Rail	6,096,060
TOTAL EXISTING ELECTRICITY DEMAND	6,195,062

kBTU – kilo-British Thermal Units

4.4.2.2 PROPOSED PROJECT FACILITY ENERGY DEMANDS

Project building operations and Project site maintenance activities would result in the consumption of electricity, which would be supplied to the Project by SCE or RCMU which would result in similar energy demands. As previously stated, the analysis herein assumes compliance with the 2019 Title 24 Standards. As such, the CalEEMod defaults for Title 24 – Electricity and Lighting Energy were reduced by 30% in order to reflect consistency with the 2019 Title 24 standard. Electricity demands of the Project are summarized in Table 4-24 and provided in Appendices 4.2 and 4.3. It should be noted that the existing development demands were subtracted from the Project demands to determine the net facility energy demands from the proposed Project. As summarized on Table 4-24 the Project would result in a net decrease of 99,237,300 kBTU/year of natural gas and a net increase of 6,493,374 kWh/year of electricity.

Based on information provided by the Project Applicant, the Project would not use natural gas associated with the building envelope. As such, natural gas consumption has not been analyzed in this study. The Project does have the potential to result in indirect usage of natural gas associated with on-site equipment that could be natural gas powered. Notwithstanding, any natural gas usage associated with on-site equipment usage would be negligible and would not result in a greater energy demand than if the on-site equipment were powered by other fuel sources (e.g., gasoline or diesel).

TABLE 4-24: PROJECT NET ANNUAL OPERATIONAL ENERGY DEMAND SUMMARY

Natural Gas Demand	kBTU/year
High-Cube Fulfillment Center (Non-Sort) Warehouse	0
High-Cube Cold Storage Warehouse	0
Parking Lot	0
Landscape	0
Other Asphalt Surfaces	0
TOTAL PROPOSED PROJECT NATURAL GAS DEMAND ^a	0
<i>TOTAL EXISTING NATURAL GAS DEMAND</i>	<i>99,237,300</i>
NET (PROPOSED PROJECT – EXISTING)	-99,237,300
Electricity Demand	kWh/year
High-Cube Fulfillment Center (Non-Sort) Warehouse	3,719,250
High-Cube Cold Storage Warehouse	8,465,100
Parking Lot	405,084
Landscape ^b	0
Other Asphalt Surfaces ^b	0
TOTAL PROPOSED PROJECT ELECTRICITY DEMAND	12,589,434
<i>TOTAL EXISTING ELECTRICITY DEMAND</i>	<i>6,096,060</i>

NET (PROPOSED PROJECT – EXISTING)	6,493,374
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^a As noted above, the Project would not utilize natural gas, therefore no natural gas demand would occur.

^b CalEEMod does not identify or calculate any electricity demand associated with landscape and other asphalt surfaces. Any additional lighting or energy demand associated with these spaces is presumed to be covered through building energy demand or parking lot energy demand.

4.4.3 OPERATIONAL ENERGY EFFICIENCY/CONSERVATION MEASURES

Energy efficiency/energy conservation attributes of the Project would be complemented by increasingly stringent state and federal regulatory actions addressing vehicle fuel economies and vehicle emissions standards; and enhanced building/utilities energy efficiencies mandated under California building codes (e.g., Title24, California Green Building Standards Code).

ENHANCED VEHICLE FUEL EFFICIENCIES

Project annual fuel consumption estimates presented previously in Table 4-22 represent likely potential maximums that would occur for the Project. Under subsequent future conditions, average fuel economies of vehicles accessing the Project site can be expected to improve as older, less fuel-efficient vehicles are removed from circulation, and in response to fuel economy and emissions standards imposed on newer vehicles entering the circulation system.

Enhanced fuel economies realized pursuant to federal and state regulatory actions, and related transition of vehicles to alternative energy sources (e.g., electricity, natural gas, biofuels, hydrogen cells) would likely decrease future gasoline fuel demands per VMT. Location of the Project proximate to regional and local roadway systems tends to reduce VMT within the region, acting to reduce regional vehicle energy demands.

The Property Owner/Developer would comply with the City’s transportation demand management ordinance (see Chapter 17.78 of the Development Code).

COMPARISON TO EXISTING OPERATIONS

As previously stated, the Project site is currently occupied by 1,431,000 sf of High-Cube Transload Short-Term Storage Warehouse (Without Cold Storage) use and 23,240 sf of Free-Standing Discount Store use.

For purposes of analysis, the energy usage was based on bills provided by the Project Applicant from SCE and the Southern California Gas Company (SoCalGas). Please refer to specific detailed modeling inputs/outputs contained in Appendix 4.4 of this energy study. Existing operational energy demands are estimated at: 6,195,062 kWh/year of electricity and 99,237,300 kBtu/yr of natural gas. Comparison of the existing electrical usage to the proposed Project electrical usage indicate that the Project would use 6,468,609 kWh/year more than the existing use. This increase is attributed to the high-cube cold storage warehouse use proposed by the Project. It should be noted that though the Project would result in a net increase in electricity usage, the Project would comply with the applicable Title 24 standards which would ensure that the Project energy demands would not be inefficient, wasteful, or otherwise unnecessary as compared to the existing buildings which were built in 1984 and do not meet the current energy standards.

The proposed Project would not use any natural gas, construction of the proposed Project would result in less natural gas demand as compared to the existing uses. Therefore, the existing natural gas usage is 99,237,300 kBTU/year more than the proposed Project.

It should be noted that though there is an increase in electricity demand, the Project would not use natural gas, and on this basis, the Project would decrease overall reliance natural gas and increases reliance on renewable energy sources compared to the energy demands of the existing use.

4.5 SUMMARY

4.5.1 CONSTRUCTION ENERGY DEMANDS

The estimated power cost of on-site electricity usage during the construction of the Project is assumed to be approximately \$141,068.24. Additionally, based on the assumed power cost, it is estimated that the total electricity usage during construction, after full Project build-out, is calculated to be approximately 1,472,759 kWh.

Construction equipment used by the Project would result in single event consumption of approximately 244,417 gallons of diesel fuel. Construction equipment use of fuel would not be atypical for the type of construction proposed because there are no aspects of the Project's proposed construction process that are unusual or energy-intensive, and Project construction equipment would conform to the applicable CARB emissions standards, acting to promote equipment fuel efficiencies.

CCR Title 13, Title 13, Motor Vehicles, section 2449(d)(2) Idling, limits idling times of construction vehicles to no more than 5 minutes, thereby precluding unnecessary and wasteful consumption of fuel due to unproductive idling of construction equipment. BACMs inform construction equipment operators of this requirement. Enforcement of idling limitations is realized through periodic site inspections conducted by City building officials, and/or in response to citizen complaints.

Construction worker trips for full construction of the Project would result in the estimated fuel consumption of 226,297 gallons of fuel. Additionally, fuel consumption from construction vendor and hauling trips (MHDTs and HHDTs) would total approximately 309,872 gallons. Diesel fuel would be supplied by City and regional commercial vendors. Indirectly, construction energy efficiencies and energy conservation would be achieved using bulk purchases, transport and use of construction materials. The 2020 IEPR released by the CEC has shown that fuel efficiencies are getting better within on and off-road vehicle engines due to more stringent government requirements (20). As supported by the preceding discussions, Project construction energy consumption would not be considered inefficient, wasteful, or otherwise unnecessary.

4.5.2 OPERATIONAL ENERGY DEMANDS

TRANSPORTATION ENERGY DEMANDS

Annual vehicular trips and related VMT generated by the operation of the Project would result in an estimated net increase of 1,746,328 gallons of fuel.

Fuel would be provided by current and future commercial vendors. Trip generation and VMT generated by the Project are consistent with other industrial uses of similar scale and configuration, as reflected respectively in the Institute of Transportation Engineers (ITE) Trip Generation Manual (10th Ed., 2017); and CalEEMod. As such, Project operations would not result in excessive and wasteful vehicle trips and VMT, nor excess and wasteful vehicle energy consumption compared to other industrial land uses.

Enhanced fuel economies realized pursuant to federal and state regulatory actions, and related transition of vehicles to alternative energy sources (e.g., electricity, natural gas, biofuels, hydrogen cells) would likely decrease future gasoline fuel demands per VMT. Location of the Project proximate to regional and local roadway systems tends to reduce VMT within the region, acting to reduce regional vehicle energy demands. The Project would implement sidewalks, facilitating and encouraging pedestrian access. Facilitating pedestrian and bicycle access would reduce VMT and associated energy consumption. In compliance with the California Green Building Standards Code and City requirements, the Project would promote the use of bicycles as an alternative mean of transportation by providing short-term and/or long-term bicycle parking accommodations. As supported by the preceding discussions, Project transportation energy consumption would not be considered inefficient, wasteful, or otherwise unnecessary.

FACILITY ENERGY DEMANDS

Project facility operational energy demands would result in a net decrease of 99,237,300 kBTU/year of natural gas and a net increase of 6,493,374 kWh/year of electricity. The Project proposes conventional industrial uses reflecting contemporary energy efficient/energy conserving designs and operational programs. The Project does not propose uses that are inherently energy intensive and the energy demands in total would be comparable to other industrial land use projects of similar scale and configuration.

The Project would replace existing industrial and retail buildings and facilities that were constructed in the early 1980s and do not meet current energy efficiency standards. Additionally, the roof of the proposed buildings would be designed to support the use of a photovoltaic (solar) electrical energy system.

Lastly, the Project would comply with the applicable Title 24 standards. Compliance itself with applicable Title 24 standards would ensure that the Project energy demands would not be inefficient, wasteful, or otherwise unnecessary.

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5 CONCLUSIONS

5.1 ENERGY IMPACT 1

Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation.

As supported by the preceding analyses, Project construction and operations would not result in the inefficient, wasteful or unnecessary consumption of energy. The Project would therefore not cause or result in the need for additional energy producing or transmission facilities. The Project would not engage in wasteful or inefficient uses of energy and aims to achieve energy conservations goals within the State of California.

5.2 ENERGY IMPACT 2

Conflict with or obstruct a state or local plan for renewable energy or energy efficiency.

The Project's consistency with the applicable state and local plans is discussed below.

CONSISTENCY WITH ISTE A

Transportation and access to the Project site is provided by the local and regional roadway systems. The Project would not interfere with, nor otherwise obstruct intermodal transportation plans or projects that may be realized pursuant to the ISTE A because SCAG is not planning for intermodal facilities on or through the Project site.

CONSISTENCY WITH TEA-21

The Project site is located along major transportation corridors with proximate access to the Interstate freeway system. The site selected for the Project facilitates access, acts to reduce vehicle miles traveled, takes advantage of existing infrastructure systems, and promotes land use compatibilities through collocation of similar uses. The Project supports the strong planning processes emphasized under TEA-21. The Project is therefore consistent with, and would not otherwise interfere with, nor obstruct implementation of TEA-21.

CONSISTENCY WITH IEPR

Electricity may be provided to the Project by SCE, if not provided by RCMU. SCE's *Clean Power and Electrification Pathway* (CPEP) white paper builds on existing state programs and policies. As such, the Project is consistent with, and would not otherwise interfere with, nor obstruct implementation the goals presented in the 2020 IEPR.

Based on input from the City, electricity service may be provided to the Project by RCMU. RCMU's *Energy Efficiency in California's Public Power Section 12th Edition - 2018* reflects the public power's response to a number of state programs and policies. As such, the Project is consistent with, and would not otherwise interfere with, nor obstruct implementation the goals presented in the 2020 IEPR.

The Project's energy demand was compared to the energy usage of the existing use. As previously discussed, operation of the proposed Project would not involve the use of natural gas and therefore would result in less natural gas demand as compared to the existing uses. It should be noted that though the Project would result in a net increase in electricity usage, the Project would comply with the applicable Title 24 standards which would ensure that the Project energy demands would not be inefficient, wasteful, or otherwise unnecessary. As such, development of the proposed Project would support the goals presented in the 2020 IEPR.

CONSISTENCY WITH STATE OF CALIFORNIA ENERGY PLAN

The Project site is located along major transportation corridors with proximate access to the Interstate freeway system. The site selected for the Project facilitates access, takes advantage of existing infrastructure systems, and promotes land use compatibilities through the introduction of high-cube transload and short-term storage warehouse and high-cube cold storage warehouse uses on a site designated for industrial uses. The Project therefore supports urban design and planning processes identified under the State of California Energy Plan, is consistent with, and would not otherwise interfere with, nor obstruct implementation of the State of California Energy Plan.

CONSISTENCY WITH CALIFORNIA CODE TITLE 24, PART 6, ENERGY EFFICIENCY STANDARDS

The 2019 version of Title 24 was adopted by the California Energy Commission (CEC) and became effective on January 1, 2020. It should be noted that the analysis herein assumes compliance with the 2019 Title 24 Standards. It should be noted that the CEC anticipates that nonresidential buildings would use approximately 30% less energy compared to the prior code (21). As such, the CalEEMod defaults for Title 24 – Electricity and Lighting Energy were reduced by 30% in order to reflect consistency with the 2019 Title 24 standard.

CONSISTENCY WITH AB 1493

AB 1493 is not applicable to the Project as it is a statewide measure establishing vehicle emissions standards. No feature of the Project would interfere with implementation of the requirements under AB 1493.

CONSISTENCY WITH RPS

California's Renewable Portfolio Standard is not applicable to the Project as it is a statewide measure that establishes a renewable energy mix. No feature of the Project would interfere with implementation of the requirements under RPS.

CONSISTENCY WITH SB 350

The proposed Project would use energy from SCE or RCMU, which have committed to diversify their portfolio of energy sources by increasing energy from wind and solar sources. No feature of the Project would interfere with implementation of SB 350. Additionally, the Project would be designed and constructed to implement the energy efficiency measures for new industrial developments and would include several measures designed to reduce energy consumption.

As shown above, the Project would not conflict with any of the state or local plans. As such, a less than significant impact is expected.

5.1.3 ENERGY IMPACT 3

Would the Project achieve the goal of energy conservation by:

- ***Decreasing overall per capita energy consumption.***
- ***Decreasing reliance on fossil fuels such as coal, natural gas and oil.***
- ***Increasing reliance on renewable energy sources.***

As previously stated, the proposed Project is subject to California Building Code requirements. New buildings must achieve compliance with 2019 Building and Energy Efficiency Standards and the 2019 California Green Building Standards requirements. The CEC anticipates that nonresidential buildings would use approximately 30% less energy due to lighting upgrades compared to the prior code (21). It should be noted that though the Project would result in a net increase in electricity usage, the Project would comply with the applicable Title 24 standards which would ensure that the Project energy demands would not be inefficient, wasteful, or otherwise unnecessary as compared to the existing buildings which were built in 1984 and do not meet the current energy standards. Additionally, the Project would not use natural gas, and on this basis, the Project would decrease overall reliance natural gas and increases reliance on renewable energy sources compared to the energy demands of the existing use.

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6 REFERENCES

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7 CERTIFICATIONS

The contents of this energy analysis report represent an accurate depiction of the environmental impacts associated with the proposed Bridge Point Rancho Cucamonga. The information contained in this energy analysis report is based on the best available data at the time of preparation. If you have any questions, please contact me directly at hqureshi@urbanxroads.com.

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EDUCATION

Master of Science in Environmental Studies
California State University, Fullerton • May 2010

Bachelor of Arts in Environmental Analysis and Design
University of California, Irvine • June 2006

PROFESSIONAL AFFILIATIONS

AEP – Association of Environmental Planners
AWMA – Air and Waste Management Association
ASTM – American Society for Testing and Materials

PROFESSIONAL CERTIFICATIONS

Planned Communities and Urban Infill – Urban Land Institute • June 2011
Indoor Air Quality and Industrial Hygiene – EMSL Analytical • April 2008
Principles of Ambient Air Monitoring – California Air Resources Board • August 2007
AB2588 Regulatory Standards – Trinity Consultants • November 2006
Air Dispersion Modeling – Lakes Environmental • June 2006

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APPENDIX 4.1:

CALEEMOD PROJECT ANNUAL CONSTRUCTION EMISSIONS MODEL OUTPUTS

Bridge Point Rancho Cucamonga (Demolition - Mitigated) - San Bernardino-South Coast County, Annual

Bridge Point Rancho Cucamonga (Demolition - Mitigated)
San Bernardino-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	10.00	Acre	10.00	435,600.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	32
Climate Zone	10			Operational Year	2022
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	702.44	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Bridge Point Rancho Cucamonga (Demolition - Mitigated) - San Bernardino-South Coast County, Annual

Project Characteristics -

Land Use -

Construction Phase - Number of Demolition days based on information provided by the Project Applicant.

Off-road Equipment - Construction Equipment based on information provided by the Project Applicant.

Trips and VMT - 1,523 tons of demolished material will be hauled off-site (hauling capacity of 10 tons per truck)

Demolition -

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Construction Off-road Equipment Mitigation - Tier 4 engines for Excavators, Other Construction Equipment, and Rubber Tired Dozers; Tier 3 engines for All Other Equipment

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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
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Bridge Point Rancho Cucamonga (Demolition - Mitigated) - San Bernardino-South Coast County, Annual

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Bridge Point Rancho Cucamonga (Demolition - Mitigated) - San Bernardino-South Coast County, Annual

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Bridge Point Rancho Cucamonga (Demolition - Mitigated) - San Bernardino-South Coast County, Annual

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Bridge Point Rancho Cucamonga (Demolition - Mitigated) - San Bernardino-South Coast County, Annual

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Bridge Point Rancho Cucamonga (Demolition - Mitigated) - San Bernardino-South Coast County, Annual

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Bridge Point Rancho Cucamonga (Demolition - Mitigated) - San Bernardino-South Coast County, Annual

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Bridge Point Rancho Cucamonga (Demolition - Mitigated) - San Bernardino-South Coast County, Annual

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tblVehicleEF	LDA	0.03	0.21
tblVehicleEF	LDA	0.07	0.21
tblVehicleEF	LDA	4.0860e-003	2.4590e-003
tblVehicleEF	LDA	5.5870e-003	0.05
tblVehicleEF	LDA	0.54	0.64
tblVehicleEF	LDA	1.18	2.12
tblVehicleEF	LDA	245.70	261.06
tblVehicleEF	LDA	57.15	54.13
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.08	0.18
tblVehicleEF	LDA	1.6780e-003	1.5210e-003
tblVehicleEF	LDA	2.2790e-003	1.8570e-003
tblVehicleEF	LDA	1.5460e-003	1.4000e-003
tblVehicleEF	LDA	2.0960e-003	1.7080e-003
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.11	0.11
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.01	9.3400e-003
tblVehicleEF	LDA	0.04	0.24
tblVehicleEF	LDA	0.08	0.22

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tblVehicleEF	LDA	2.4600e-003	2.5660e-003
tblVehicleEF	LDA	5.9100e-004	5.3200e-004
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.11	0.11
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.24
tblVehicleEF	LDA	0.08	0.24
tblVehicleEF	LDT1	0.01	7.5760e-003
tblVehicleEF	LDT1	0.02	0.08
tblVehicleEF	LDT1	1.54	1.52
tblVehicleEF	LDT1	3.61	2.39
tblVehicleEF	LDT1	313.68	314.63
tblVehicleEF	LDT1	70.93	65.70
tblVehicleEF	LDT1	0.16	0.13
tblVehicleEF	LDT1	0.22	0.30
tblVehicleEF	LDT1	2.7050e-003	2.3430e-003
tblVehicleEF	LDT1	3.6920e-003	2.8390e-003
tblVehicleEF	LDT1	2.4910e-003	2.1560e-003
tblVehicleEF	LDT1	3.3960e-003	2.6100e-003
tblVehicleEF	LDT1	0.18	0.19
tblVehicleEF	LDT1	0.33	0.26
tblVehicleEF	LDT1	0.13	0.14
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.20	0.86
tblVehicleEF	LDT1	0.26	0.42
tblVehicleEF	LDT1	3.1570e-003	3.0930e-003

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tblVehicleEF	LDT1	7.7300e-004	6.4600e-004
tblVehicleEF	LDT1	0.18	0.19
tblVehicleEF	LDT1	0.33	0.26
tblVehicleEF	LDT1	0.13	0.14
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.20	0.86
tblVehicleEF	LDT1	0.28	0.47
tblVehicleEF	LDT1	0.02	8.4640e-003
tblVehicleEF	LDT1	0.02	0.07
tblVehicleEF	LDT1	1.85	1.81
tblVehicleEF	LDT1	2.97	2.00
tblVehicleEF	LDT1	341.75	337.48
tblVehicleEF	LDT1	70.93	64.87
tblVehicleEF	LDT1	0.14	0.11
tblVehicleEF	LDT1	0.20	0.28
tblVehicleEF	LDT1	2.7050e-003	2.3430e-003
tblVehicleEF	LDT1	3.6920e-003	2.8390e-003
tblVehicleEF	LDT1	2.4910e-003	2.1560e-003
tblVehicleEF	LDT1	3.3960e-003	2.6100e-003
tblVehicleEF	LDT1	0.37	0.36
tblVehicleEF	LDT1	0.41	0.31
tblVehicleEF	LDT1	0.27	0.26
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.20	0.85
tblVehicleEF	LDT1	0.21	0.36
tblVehicleEF	LDT1	3.4420e-003	3.3180e-003
tblVehicleEF	LDT1	7.6200e-004	6.3800e-004

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tblVehicleEF	LDT1	0.37	0.36
tblVehicleEF	LDT1	0.41	0.31
tblVehicleEF	LDT1	0.27	0.26
tblVehicleEF	LDT1	0.06	0.05
tblVehicleEF	LDT1	0.20	0.85
tblVehicleEF	LDT1	0.23	0.40
tblVehicleEF	LDT1	0.01	7.4310e-003
tblVehicleEF	LDT1	0.02	0.08
tblVehicleEF	LDT1	1.47	1.47
tblVehicleEF	LDT1	3.55	2.39
tblVehicleEF	LDT1	307.06	310.38
tblVehicleEF	LDT1	70.93	65.71
tblVehicleEF	LDT1	0.15	0.12
tblVehicleEF	LDT1	0.21	0.29
tblVehicleEF	LDT1	2.7050e-003	2.3430e-003
tblVehicleEF	LDT1	3.6920e-003	2.8390e-003
tblVehicleEF	LDT1	2.4910e-003	2.1560e-003
tblVehicleEF	LDT1	3.3960e-003	2.6100e-003
tblVehicleEF	LDT1	0.19	0.19
tblVehicleEF	LDT1	0.39	0.30
tblVehicleEF	LDT1	0.12	0.13
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.23	1.00
tblVehicleEF	LDT1	0.25	0.43
tblVehicleEF	LDT1	3.0890e-003	3.0520e-003
tblVehicleEF	LDT1	7.7200e-004	6.4600e-004
tblVehicleEF	LDT1	0.19	0.19

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tblVehicleEF	LDT1	0.39	0.30
tblVehicleEF	LDT1	0.12	0.13
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.23	1.00
tblVehicleEF	LDT1	0.28	0.47
tblVehicleEF	LDT2	6.3270e-003	4.4090e-003
tblVehicleEF	LDT2	8.1990e-003	0.07
tblVehicleEF	LDT2	0.80	1.00
tblVehicleEF	LDT2	1.67	2.71
tblVehicleEF	LDT2	351.15	335.59
tblVehicleEF	LDT2	79.39	70.25
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.14	0.30
tblVehicleEF	LDT2	1.7270e-003	1.6010e-003
tblVehicleEF	LDT2	2.4170e-003	1.9240e-003
tblVehicleEF	LDT2	1.5880e-003	1.4740e-003
tblVehicleEF	LDT2	2.2220e-003	1.7690e-003
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.13	0.14
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.45
tblVehicleEF	LDT2	0.11	0.33
tblVehicleEF	LDT2	3.5180e-003	3.2990e-003
tblVehicleEF	LDT2	8.2200e-004	6.9100e-004
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.13	0.14

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tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.07	0.45
tblVehicleEF	LDT2	0.12	0.36
tblVehicleEF	LDT2	7.1840e-003	4.9540e-003
tblVehicleEF	LDT2	6.8290e-003	0.06
tblVehicleEF	LDT2	0.97	1.20
tblVehicleEF	LDT2	1.38	2.28
tblVehicleEF	LDT2	383.36	357.71
tblVehicleEF	LDT2	79.39	69.39
tblVehicleEF	LDT2	0.08	0.08
tblVehicleEF	LDT2	0.13	0.28
tblVehicleEF	LDT2	1.7270e-003	1.6010e-003
tblVehicleEF	LDT2	2.4170e-003	1.9240e-003
tblVehicleEF	LDT2	1.5880e-003	1.4740e-003
tblVehicleEF	LDT2	2.2220e-003	1.7690e-003
tblVehicleEF	LDT2	0.13	0.18
tblVehicleEF	LDT2	0.15	0.16
tblVehicleEF	LDT2	0.11	0.15
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.45
tblVehicleEF	LDT2	0.09	0.29
tblVehicleEF	LDT2	3.8420e-003	3.5160e-003
tblVehicleEF	LDT2	8.1700e-004	6.8200e-004
tblVehicleEF	LDT2	0.13	0.18
tblVehicleEF	LDT2	0.15	0.16
tblVehicleEF	LDT2	0.11	0.15

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tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.07	0.45
tblVehicleEF	LDT2	0.10	0.31
tblVehicleEF	LDT2	6.1560e-003	4.3220e-003
tblVehicleEF	LDT2	8.1410e-003	0.07
tblVehicleEF	LDT2	0.75	0.96
tblVehicleEF	LDT2	1.64	2.72
tblVehicleEF	LDT2	343.55	331.47
tblVehicleEF	LDT2	79.39	70.27
tblVehicleEF	LDT2	0.08	0.08
tblVehicleEF	LDT2	0.14	0.30
tblVehicleEF	LDT2	1.7270e-003	1.6010e-003
tblVehicleEF	LDT2	2.4170e-003	1.9240e-003
tblVehicleEF	LDT2	1.5880e-003	1.4740e-003
tblVehicleEF	LDT2	2.2220e-003	1.7690e-003
tblVehicleEF	LDT2	0.06	0.09
tblVehicleEF	LDT2	0.14	0.16
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.08	0.52
tblVehicleEF	LDT2	0.11	0.33
tblVehicleEF	LDT2	3.4410e-003	3.2580e-003
tblVehicleEF	LDT2	8.2200e-004	6.9100e-004
tblVehicleEF	LDT2	0.06	0.09
tblVehicleEF	LDT2	0.14	0.16
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.03

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tblVehicleEF	LDT2	0.08	0.52
tblVehicleEF	LDT2	0.12	0.37
tblVehicleEF	LHD1	5.2170e-003	5.0850e-003
tblVehicleEF	LHD1	0.01	6.1020e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	1.07	0.75
tblVehicleEF	LHD1	2.60	1.03
tblVehicleEF	LHD1	9.23	9.25
tblVehicleEF	LHD1	609.20	652.45
tblVehicleEF	LHD1	30.40	11.21
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	2.12	1.25
tblVehicleEF	LHD1	0.99	0.32
tblVehicleEF	LHD1	9.6500e-004	8.9000e-004
tblVehicleEF	LHD1	0.01	9.8770e-003
tblVehicleEF	LHD1	0.01	9.8260e-003
tblVehicleEF	LHD1	9.5800e-004	2.6000e-004
tblVehicleEF	LHD1	9.2400e-004	8.5100e-004
tblVehicleEF	LHD1	2.5390e-003	2.4690e-003
tblVehicleEF	LHD1	0.01	9.3750e-003
tblVehicleEF	LHD1	8.8100e-004	2.3900e-004
tblVehicleEF	LHD1	3.7070e-003	3.0390e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.8240e-003	1.5810e-003
tblVehicleEF	LHD1	0.08	0.06

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tblVehicleEF	LHD1	0.35	0.55
tblVehicleEF	LHD1	0.27	0.08
tblVehicleEF	LHD1	9.2000e-005	9.0000e-005
tblVehicleEF	LHD1	5.9760e-003	6.3570e-003
tblVehicleEF	LHD1	3.5300e-004	1.1100e-004
tblVehicleEF	LHD1	3.7070e-003	3.0390e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.8240e-003	1.5810e-003
tblVehicleEF	LHD1	0.10	0.08
tblVehicleEF	LHD1	0.35	0.55
tblVehicleEF	LHD1	0.29	0.09
tblVehicleEF	LHD1	5.2170e-003	5.0990e-003
tblVehicleEF	LHD1	0.01	6.2280e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	1.09	0.76
tblVehicleEF	LHD1	2.43	0.98
tblVehicleEF	LHD1	9.23	9.25
tblVehicleEF	LHD1	609.20	652.47
tblVehicleEF	LHD1	30.40	11.12
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	1.98	1.17
tblVehicleEF	LHD1	0.94	0.31
tblVehicleEF	LHD1	9.6500e-004	8.9000e-004
tblVehicleEF	LHD1	0.01	9.8770e-003
tblVehicleEF	LHD1	0.01	9.8260e-003

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tblVehicleEF	LHD1	9.5800e-004	2.6000e-004
tblVehicleEF	LHD1	9.2400e-004	8.5100e-004
tblVehicleEF	LHD1	2.5390e-003	2.4690e-003
tblVehicleEF	LHD1	0.01	9.3750e-003
tblVehicleEF	LHD1	8.8100e-004	2.3900e-004
tblVehicleEF	LHD1	7.3080e-003	5.4780e-003
tblVehicleEF	LHD1	0.13	0.10
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	4.1220e-003	3.0450e-003
tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	0.36	0.56
tblVehicleEF	LHD1	0.25	0.08
tblVehicleEF	LHD1	9.2000e-005	9.0000e-005
tblVehicleEF	LHD1	5.9770e-003	6.3570e-003
tblVehicleEF	LHD1	3.5000e-004	1.1000e-004
tblVehicleEF	LHD1	7.3080e-003	5.4780e-003
tblVehicleEF	LHD1	0.13	0.10
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	4.1220e-003	3.0450e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.36	0.56
tblVehicleEF	LHD1	0.28	0.08
tblVehicleEF	LHD1	5.2170e-003	5.0870e-003
tblVehicleEF	LHD1	0.01	6.1100e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	1.07	0.75

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tblVehicleEF	LHD1	2.55	1.02
tblVehicleEF	LHD1	9.23	9.25
tblVehicleEF	LHD1	609.20	652.45
tblVehicleEF	LHD1	30.40	11.20
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	2.08	1.23
tblVehicleEF	LHD1	0.97	0.31
tblVehicleEF	LHD1	9.6500e-004	8.9000e-004
tblVehicleEF	LHD1	0.01	9.8770e-003
tblVehicleEF	LHD1	0.01	9.8260e-003
tblVehicleEF	LHD1	9.5800e-004	2.6000e-004
tblVehicleEF	LHD1	9.2400e-004	8.5100e-004
tblVehicleEF	LHD1	2.5390e-003	2.4690e-003
tblVehicleEF	LHD1	0.01	9.3750e-003
tblVehicleEF	LHD1	8.8100e-004	2.3900e-004
tblVehicleEF	LHD1	4.0430e-003	3.1520e-003
tblVehicleEF	LHD1	0.13	0.10
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.7940e-003	1.6100e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.38	0.60
tblVehicleEF	LHD1	0.26	0.08
tblVehicleEF	LHD1	9.2000e-005	9.0000e-005
tblVehicleEF	LHD1	5.9760e-003	6.3570e-003
tblVehicleEF	LHD1	3.5200e-004	1.1100e-004
tblVehicleEF	LHD1	4.0430e-003	3.1520e-003
tblVehicleEF	LHD1	0.13	0.10

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tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.7940e-003	1.6100e-003
tblVehicleEF	LHD1	0.10	0.08
tblVehicleEF	LHD1	0.38	0.60
tblVehicleEF	LHD1	0.29	0.09
tblVehicleEF	LHD2	3.5950e-003	3.6950e-003
tblVehicleEF	LHD2	4.6110e-003	4.1040e-003
tblVehicleEF	LHD2	8.1370e-003	0.01
tblVehicleEF	LHD2	0.12	0.15
tblVehicleEF	LHD2	0.50	0.50
tblVehicleEF	LHD2	1.20	0.67
tblVehicleEF	LHD2	14.27	14.14
tblVehicleEF	LHD2	608.52	665.25
tblVehicleEF	LHD2	24.46	8.76
tblVehicleEF	LHD2	0.11	0.10
tblVehicleEF	LHD2	1.49	1.36
tblVehicleEF	LHD2	0.53	0.22
tblVehicleEF	LHD2	1.2830e-003	1.3100e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.0000e-004	1.3700e-004
tblVehicleEF	LHD2	1.2280e-003	1.2540e-003
tblVehicleEF	LHD2	2.6860e-003	2.6560e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.6800e-004	1.2600e-004
tblVehicleEF	LHD2	1.3070e-003	1.7040e-003
tblVehicleEF	LHD2	0.04	0.05

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tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	7.0300e-004	9.2000e-004
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.09	0.32
tblVehicleEF	LHD2	0.11	0.05
tblVehicleEF	LHD2	1.3900e-004	1.3500e-004
tblVehicleEF	LHD2	5.9200e-003	6.4300e-003
tblVehicleEF	LHD2	2.6700e-004	8.7000e-005
tblVehicleEF	LHD2	1.3070e-003	1.7040e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.0300e-004	9.2000e-004
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.09	0.32
tblVehicleEF	LHD2	0.12	0.06
tblVehicleEF	LHD2	3.5950e-003	3.7050e-003
tblVehicleEF	LHD2	4.6760e-003	4.1460e-003
tblVehicleEF	LHD2	7.7630e-003	0.01
tblVehicleEF	LHD2	0.12	0.15
tblVehicleEF	LHD2	0.50	0.50
tblVehicleEF	LHD2	1.13	0.64
tblVehicleEF	LHD2	14.27	14.14
tblVehicleEF	LHD2	608.52	665.25
tblVehicleEF	LHD2	24.46	8.70
tblVehicleEF	LHD2	0.11	0.10
tblVehicleEF	LHD2	1.40	1.28
tblVehicleEF	LHD2	0.50	0.21

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tblVehicleEF	LHD2	1.2830e-003	1.3100e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.0000e-004	1.3700e-004
tblVehicleEF	LHD2	1.2280e-003	1.2540e-003
tblVehicleEF	LHD2	2.6860e-003	2.6560e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.6800e-004	1.2600e-004
tblVehicleEF	LHD2	2.5220e-003	3.0730e-003
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.5220e-003	1.7630e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.09	0.32
tblVehicleEF	LHD2	0.10	0.05
tblVehicleEF	LHD2	1.3900e-004	1.3500e-004
tblVehicleEF	LHD2	5.9200e-003	6.4300e-003
tblVehicleEF	LHD2	2.6500e-004	8.6000e-005
tblVehicleEF	LHD2	2.5220e-003	3.0730e-003
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.5220e-003	1.7630e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.09	0.32
tblVehicleEF	LHD2	0.11	0.05
tblVehicleEF	LHD2	3.5950e-003	3.6960e-003
tblVehicleEF	LHD2	4.6180e-003	4.1080e-003

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tblVehicleEF	LHD2	8.0640e-003	0.01
tblVehicleEF	LHD2	0.12	0.15
tblVehicleEF	LHD2	0.50	0.50
tblVehicleEF	LHD2	1.19	0.67
tblVehicleEF	LHD2	14.27	14.14
tblVehicleEF	LHD2	608.52	665.25
tblVehicleEF	LHD2	24.46	8.75
tblVehicleEF	LHD2	0.11	0.10
tblVehicleEF	LHD2	1.46	1.33
tblVehicleEF	LHD2	0.52	0.22
tblVehicleEF	LHD2	1.2830e-003	1.3100e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.0000e-004	1.3700e-004
tblVehicleEF	LHD2	1.2280e-003	1.2540e-003
tblVehicleEF	LHD2	2.6860e-003	2.6560e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.6800e-004	1.2600e-004
tblVehicleEF	LHD2	1.3460e-003	1.7140e-003
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	6.8700e-004	9.2200e-004
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.10	0.34
tblVehicleEF	LHD2	0.11	0.05
tblVehicleEF	LHD2	1.3900e-004	1.3500e-004
tblVehicleEF	LHD2	5.9200e-003	6.4300e-003

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tblVehicleEF	LHD2	2.6600e-004	8.7000e-005
tblVehicleEF	LHD2	1.3460e-003	1.7140e-003
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.8700e-004	9.2200e-004
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.10	0.34
tblVehicleEF	LHD2	0.12	0.06
tblVehicleEF	MCY	0.43	0.34
tblVehicleEF	MCY	0.16	0.24
tblVehicleEF	MCY	20.55	19.26
tblVehicleEF	MCY	9.93	8.60
tblVehicleEF	MCY	167.73	212.03
tblVehicleEF	MCY	46.45	60.73
tblVehicleEF	MCY	1.16	1.13
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	1.8610e-003	1.9650e-003
tblVehicleEF	MCY	3.6730e-003	2.9600e-003
tblVehicleEF	MCY	1.7420e-003	1.8380e-003
tblVehicleEF	MCY	3.4650e-003	2.7870e-003
tblVehicleEF	MCY	1.45	1.42
tblVehicleEF	MCY	0.84	0.80
tblVehicleEF	MCY	0.80	0.78
tblVehicleEF	MCY	2.23	2.33
tblVehicleEF	MCY	0.49	1.91
tblVehicleEF	MCY	2.16	1.84
tblVehicleEF	MCY	2.0770e-003	2.0980e-003

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tblVehicleEF	MCY	6.9000e-004	6.0100e-004
tblVehicleEF	MCY	1.45	1.42
tblVehicleEF	MCY	0.84	0.80
tblVehicleEF	MCY	0.80	0.78
tblVehicleEF	MCY	2.74	2.87
tblVehicleEF	MCY	0.49	1.91
tblVehicleEF	MCY	2.35	2.01
tblVehicleEF	MCY	0.42	0.34
tblVehicleEF	MCY	0.14	0.21
tblVehicleEF	MCY	20.68	19.28
tblVehicleEF	MCY	9.05	7.90
tblVehicleEF	MCY	167.73	211.90
tblVehicleEF	MCY	46.45	58.88
tblVehicleEF	MCY	0.99	0.97
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	1.8610e-003	1.9650e-003
tblVehicleEF	MCY	3.6730e-003	2.9600e-003
tblVehicleEF	MCY	1.7420e-003	1.8380e-003
tblVehicleEF	MCY	3.4650e-003	2.7870e-003
tblVehicleEF	MCY	3.14	2.77
tblVehicleEF	MCY	1.27	1.11
tblVehicleEF	MCY	2.13	1.77
tblVehicleEF	MCY	2.17	2.28
tblVehicleEF	MCY	0.49	1.88
tblVehicleEF	MCY	1.86	1.62
tblVehicleEF	MCY	2.0770e-003	2.0970e-003
tblVehicleEF	MCY	6.6700e-004	5.8300e-004

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tblVehicleEF	MCY	3.14	2.77
tblVehicleEF	MCY	1.27	1.11
tblVehicleEF	MCY	2.13	1.77
tblVehicleEF	MCY	2.67	2.81
tblVehicleEF	MCY	0.49	1.88
tblVehicleEF	MCY	2.02	1.76
tblVehicleEF	MCY	0.42	0.34
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	19.63	18.76
tblVehicleEF	MCY	9.55	8.44
tblVehicleEF	MCY	167.73	211.17
tblVehicleEF	MCY	46.45	60.38
tblVehicleEF	MCY	1.12	1.09
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	1.8610e-003	1.9650e-003
tblVehicleEF	MCY	3.6730e-003	2.9600e-003
tblVehicleEF	MCY	1.7420e-003	1.8380e-003
tblVehicleEF	MCY	3.4650e-003	2.7870e-003
tblVehicleEF	MCY	1.71	1.57
tblVehicleEF	MCY	1.13	1.06
tblVehicleEF	MCY	0.72	0.74
tblVehicleEF	MCY	2.19	2.31
tblVehicleEF	MCY	0.56	2.18
tblVehicleEF	MCY	2.08	1.81
tblVehicleEF	MCY	2.0610e-003	2.0900e-003
tblVehicleEF	MCY	6.8200e-004	5.9800e-004
tblVehicleEF	MCY	1.71	1.57

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tblVehicleEF	MCY	1.13	1.06
tblVehicleEF	MCY	0.72	0.74
tblVehicleEF	MCY	2.69	2.84
tblVehicleEF	MCY	0.56	2.18
tblVehicleEF	MCY	2.27	1.98
tblVehicleEF	MDV	0.01	5.5200e-003
tblVehicleEF	MDV	0.02	0.09
tblVehicleEF	MDV	1.35	1.14
tblVehicleEF	MDV	3.25	3.25
tblVehicleEF	MDV	483.94	415.10
tblVehicleEF	MDV	107.92	87.32
tblVehicleEF	MDV	0.17	0.11
tblVehicleEF	MDV	0.32	0.38
tblVehicleEF	MDV	1.8260e-003	1.6850e-003
tblVehicleEF	MDV	2.5170e-003	2.0310e-003
tblVehicleEF	MDV	1.6830e-003	1.5540e-003
tblVehicleEF	MDV	2.3150e-003	1.8680e-003
tblVehicleEF	MDV	0.10	0.11
tblVehicleEF	MDV	0.20	0.17
tblVehicleEF	MDV	0.08	0.10
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.50
tblVehicleEF	MDV	0.25	0.44
tblVehicleEF	MDV	4.8500e-003	4.0780e-003
tblVehicleEF	MDV	1.1370e-003	8.5900e-004
tblVehicleEF	MDV	0.10	0.11
tblVehicleEF	MDV	0.20	0.17

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tblVehicleEF	MDV	0.08	0.10
tblVehicleEF	MDV	0.05	0.03
tblVehicleEF	MDV	0.11	0.50
tblVehicleEF	MDV	0.28	0.48
tblVehicleEF	MDV	0.01	6.2110e-003
tblVehicleEF	MDV	0.02	0.08
tblVehicleEF	MDV	1.64	1.35
tblVehicleEF	MDV	2.69	2.72
tblVehicleEF	MDV	526.85	438.45
tblVehicleEF	MDV	107.92	86.27
tblVehicleEF	MDV	0.16	0.10
tblVehicleEF	MDV	0.30	0.35
tblVehicleEF	MDV	1.8260e-003	1.6850e-003
tblVehicleEF	MDV	2.5170e-003	2.0310e-003
tblVehicleEF	MDV	1.6830e-003	1.5540e-003
tblVehicleEF	MDV	2.3150e-003	1.8680e-003
tblVehicleEF	MDV	0.20	0.21
tblVehicleEF	MDV	0.23	0.19
tblVehicleEF	MDV	0.17	0.19
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.11	0.49
tblVehicleEF	MDV	0.21	0.38
tblVehicleEF	MDV	5.2830e-003	4.3080e-003
tblVehicleEF	MDV	1.1260e-003	8.4800e-004
tblVehicleEF	MDV	0.20	0.21
tblVehicleEF	MDV	0.23	0.19
tblVehicleEF	MDV	0.17	0.19

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tblVehicleEF	MDV	0.05	0.04
tblVehicleEF	MDV	0.11	0.49
tblVehicleEF	MDV	0.23	0.41
tblVehicleEF	MDV	0.01	5.4050e-003
tblVehicleEF	MDV	0.02	0.09
tblVehicleEF	MDV	1.28	1.09
tblVehicleEF	MDV	3.20	3.26
tblVehicleEF	MDV	473.93	410.75
tblVehicleEF	MDV	107.92	87.35
tblVehicleEF	MDV	0.16	0.10
tblVehicleEF	MDV	0.32	0.38
tblVehicleEF	MDV	1.8260e-003	1.6850e-003
tblVehicleEF	MDV	2.5170e-003	2.0310e-003
tblVehicleEF	MDV	1.6830e-003	1.5540e-003
tblVehicleEF	MDV	2.3150e-003	1.8680e-003
tblVehicleEF	MDV	0.10	0.11
tblVehicleEF	MDV	0.22	0.18
tblVehicleEF	MDV	0.08	0.10
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.13	0.57
tblVehicleEF	MDV	0.25	0.44
tblVehicleEF	MDV	4.7490e-003	4.0360e-003
tblVehicleEF	MDV	1.1360e-003	8.5900e-004
tblVehicleEF	MDV	0.10	0.11
tblVehicleEF	MDV	0.22	0.18
tblVehicleEF	MDV	0.08	0.10
tblVehicleEF	MDV	0.04	0.03

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tblVehicleEF	MDV	0.13	0.57
tblVehicleEF	MDV	0.27	0.48
tblVehicleEF	MH	0.04	3.6580e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	3.07	0.35
tblVehicleEF	MH	6.43	0.00
tblVehicleEF	MH	1,045.05	970.21
tblVehicleEF	MH	59.49	0.00
tblVehicleEF	MH	1.54	4.24
tblVehicleEF	MH	0.91	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.11
tblVehicleEF	MH	1.1740e-003	0.00
tblVehicleEF	MH	3.2230e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.11
tblVehicleEF	MH	1.0790e-003	0.00
tblVehicleEF	MH	1.47	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.51	0.00
tblVehicleEF	MH	0.10	0.08
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.37	0.00
tblVehicleEF	MH	0.01	9.1720e-003
tblVehicleEF	MH	7.0700e-004	0.00
tblVehicleEF	MH	1.47	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.51	0.00

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tblVehicleEF	MH	0.14	0.09
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.40	0.00
tblVehicleEF	MH	0.04	3.6580e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	3.19	0.35
tblVehicleEF	MH	5.84	0.00
tblVehicleEF	MH	1,045.05	970.21
tblVehicleEF	MH	59.49	0.00
tblVehicleEF	MH	1.41	4.00
tblVehicleEF	MH	0.86	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.11
tblVehicleEF	MH	1.1740e-003	0.00
tblVehicleEF	MH	3.2230e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.11
tblVehicleEF	MH	1.0790e-003	0.00
tblVehicleEF	MH	2.91	0.00
tblVehicleEF	MH	0.11	0.00
tblVehicleEF	MH	1.21	0.00
tblVehicleEF	MH	0.11	0.08
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.34	0.00
tblVehicleEF	MH	0.01	9.1720e-003
tblVehicleEF	MH	6.9700e-004	0.00
tblVehicleEF	MH	2.91	0.00
tblVehicleEF	MH	0.11	0.00

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tblVehicleEF	MH	1.21	0.00
tblVehicleEF	MH	0.15	0.09
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.04	3.6580e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	3.08	0.35
tblVehicleEF	MH	6.36	0.00
tblVehicleEF	MH	1,045.05	970.21
tblVehicleEF	MH	59.49	0.00
tblVehicleEF	MH	1.51	4.17
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.11
tblVehicleEF	MH	1.1740e-003	0.00
tblVehicleEF	MH	3.2230e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.11
tblVehicleEF	MH	1.0790e-003	0.00
tblVehicleEF	MH	1.75	0.00
tblVehicleEF	MH	0.11	0.00
tblVehicleEF	MH	0.53	0.00
tblVehicleEF	MH	0.10	0.08
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.37	0.00
tblVehicleEF	MH	0.01	9.1720e-003
tblVehicleEF	MH	7.0600e-004	0.00
tblVehicleEF	MH	1.75	0.00

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tblVehicleEF	MH	0.11	0.00
tblVehicleEF	MH	0.53	0.00
tblVehicleEF	MH	0.15	0.09
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.40	0.00
tblVehicleEF	MHD	0.02	2.5070e-003
tblVehicleEF	MHD	3.5160e-003	3.3210e-003
tblVehicleEF	MHD	0.05	6.4670e-003
tblVehicleEF	MHD	0.32	0.31
tblVehicleEF	MHD	0.27	0.32
tblVehicleEF	MHD	5.32	0.74
tblVehicleEF	MHD	156.91	68.92
tblVehicleEF	MHD	1,101.52	974.57
tblVehicleEF	MHD	52.43	6.35
tblVehicleEF	MHD	0.60	0.52
tblVehicleEF	MHD	0.99	1.61
tblVehicleEF	MHD	11.88	1.50
tblVehicleEF	MHD	3.8600e-004	1.2310e-003
tblVehicleEF	MHD	5.0030e-003	0.04
tblVehicleEF	MHD	7.6400e-004	7.5000e-005
tblVehicleEF	MHD	3.6900e-004	1.1780e-003
tblVehicleEF	MHD	4.7830e-003	0.03
tblVehicleEF	MHD	7.0300e-004	6.9000e-005
tblVehicleEF	MHD	1.2800e-003	4.5300e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	6.5100e-004	2.4000e-004

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tblVehicleEF	MHD	0.04	0.06
tblVehicleEF	MHD	0.02	0.08
tblVehicleEF	MHD	0.32	0.03
tblVehicleEF	MHD	1.5080e-003	6.5300e-004
tblVehicleEF	MHD	0.01	9.2620e-003
tblVehicleEF	MHD	6.1700e-004	6.3000e-005
tblVehicleEF	MHD	1.2800e-003	4.5300e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	6.5100e-004	2.4000e-004
tblVehicleEF	MHD	0.04	0.07
tblVehicleEF	MHD	0.02	0.08
tblVehicleEF	MHD	0.35	0.04
tblVehicleEF	MHD	0.02	2.3860e-003
tblVehicleEF	MHD	3.5800e-003	3.3450e-003
tblVehicleEF	MHD	0.05	6.2100e-003
tblVehicleEF	MHD	0.24	0.26
tblVehicleEF	MHD	0.28	0.33
tblVehicleEF	MHD	4.97	0.70
tblVehicleEF	MHD	166.20	69.59
tblVehicleEF	MHD	1,101.52	974.58
tblVehicleEF	MHD	52.43	6.28
tblVehicleEF	MHD	0.62	0.52
tblVehicleEF	MHD	0.92	1.52
tblVehicleEF	MHD	11.85	1.49
tblVehicleEF	MHD	3.2500e-004	1.0410e-003
tblVehicleEF	MHD	5.0030e-003	0.04

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tblVehicleEF	MHD	7.6400e-004	7.5000e-005
tblVehicleEF	MHD	3.1100e-004	9.9600e-004
tblVehicleEF	MHD	4.7830e-003	0.03
tblVehicleEF	MHD	7.0300e-004	6.9000e-005
tblVehicleEF	MHD	2.5300e-003	8.2800e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.5010e-003	4.7800e-004
tblVehicleEF	MHD	0.04	0.06
tblVehicleEF	MHD	0.02	0.08
tblVehicleEF	MHD	0.30	0.03
tblVehicleEF	MHD	1.5950e-003	6.5900e-004
tblVehicleEF	MHD	0.01	9.2620e-003
tblVehicleEF	MHD	6.1100e-004	6.2000e-005
tblVehicleEF	MHD	2.5300e-003	8.2800e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	1.5010e-003	4.7800e-004
tblVehicleEF	MHD	0.04	0.07
tblVehicleEF	MHD	0.02	0.08
tblVehicleEF	MHD	0.33	0.04
tblVehicleEF	MHD	0.02	2.6830e-003
tblVehicleEF	MHD	3.5220e-003	3.3210e-003
tblVehicleEF	MHD	0.05	6.4200e-003
tblVehicleEF	MHD	0.45	0.37
tblVehicleEF	MHD	0.27	0.32
tblVehicleEF	MHD	5.23	0.74

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tblVehicleEF	MHD	144.06	68.00
tblVehicleEF	MHD	1,101.52	974.57
tblVehicleEF	MHD	52.43	6.34
tblVehicleEF	MHD	0.57	0.52
tblVehicleEF	MHD	0.97	1.59
tblVehicleEF	MHD	11.87	1.50
tblVehicleEF	MHD	4.7000e-004	1.4940e-003
tblVehicleEF	MHD	5.0030e-003	0.04
tblVehicleEF	MHD	7.6400e-004	7.5000e-005
tblVehicleEF	MHD	4.4900e-004	1.4300e-003
tblVehicleEF	MHD	4.7830e-003	0.03
tblVehicleEF	MHD	7.0300e-004	6.9000e-005
tblVehicleEF	MHD	1.3890e-003	4.7100e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	6.4000e-004	2.4400e-004
tblVehicleEF	MHD	0.04	0.06
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.32	0.03
tblVehicleEF	MHD	1.3860e-003	6.4400e-004
tblVehicleEF	MHD	0.01	9.2620e-003
tblVehicleEF	MHD	6.1600e-004	6.3000e-005
tblVehicleEF	MHD	1.3890e-003	4.7100e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	6.4000e-004	2.4400e-004
tblVehicleEF	MHD	0.04	0.07

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tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.35	0.04
tblVehicleEF	OBUS	0.01	8.8190e-003
tblVehicleEF	OBUS	9.9110e-003	6.5960e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.26	0.52
tblVehicleEF	OBUS	0.63	0.77
tblVehicleEF	OBUS	6.27	2.45
tblVehicleEF	OBUS	70.35	76.06
tblVehicleEF	OBUS	1,121.50	1,406.90
tblVehicleEF	OBUS	70.70	20.49
tblVehicleEF	OBUS	0.28	0.34
tblVehicleEF	OBUS	0.97	1.24
tblVehicleEF	OBUS	1.93	0.68
tblVehicleEF	OBUS	6.4000e-005	5.8900e-004
tblVehicleEF	OBUS	4.6440e-003	0.01
tblVehicleEF	OBUS	9.2900e-004	2.1800e-004
tblVehicleEF	OBUS	6.1000e-005	5.6400e-004
tblVehicleEF	OBUS	4.4220e-003	0.01
tblVehicleEF	OBUS	8.5400e-004	2.0100e-004
tblVehicleEF	OBUS	2.1800e-003	2.6020e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	9.3100e-004	1.1160e-003
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	0.05	0.29
tblVehicleEF	OBUS	0.38	0.12

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tblVehicleEF	OBUS	6.8400e-004	7.2500e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.1700e-004	2.0300e-004
tblVehicleEF	OBUS	2.1800e-003	2.6020e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	9.3100e-004	1.1160e-003
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	0.05	0.29
tblVehicleEF	OBUS	0.42	0.13
tblVehicleEF	OBUS	0.01	8.8750e-003
tblVehicleEF	OBUS	0.01	6.7350e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.26	0.51
tblVehicleEF	OBUS	0.65	0.79
tblVehicleEF	OBUS	5.74	2.28
tblVehicleEF	OBUS	73.50	75.90
tblVehicleEF	OBUS	1,121.50	1,406.93
tblVehicleEF	OBUS	70.70	20.20
tblVehicleEF	OBUS	0.29	0.34
tblVehicleEF	OBUS	0.90	1.16
tblVehicleEF	OBUS	1.88	0.67
tblVehicleEF	OBUS	5.4000e-005	5.0100e-004
tblVehicleEF	OBUS	4.6440e-003	0.01
tblVehicleEF	OBUS	9.2900e-004	2.1800e-004
tblVehicleEF	OBUS	5.1000e-005	4.7900e-004
tblVehicleEF	OBUS	4.4220e-003	0.01

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tblVehicleEF	OBUS	8.5400e-004	2.0100e-004
tblVehicleEF	OBUS	4.2350e-003	4.6860e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	2.1330e-003	2.2090e-003
tblVehicleEF	OBUS	0.05	0.05
tblVehicleEF	OBUS	0.05	0.29
tblVehicleEF	OBUS	0.36	0.11
tblVehicleEF	OBUS	7.1400e-004	7.2400e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.0800e-004	2.0000e-004
tblVehicleEF	OBUS	4.2350e-003	4.6860e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	2.1330e-003	2.2090e-003
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	0.05	0.29
tblVehicleEF	OBUS	0.40	0.12
tblVehicleEF	OBUS	0.01	8.7740e-003
tblVehicleEF	OBUS	9.9380e-003	6.6000e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.28	0.53
tblVehicleEF	OBUS	0.63	0.77
tblVehicleEF	OBUS	6.22	2.45
tblVehicleEF	OBUS	66.00	76.30
tblVehicleEF	OBUS	1,121.50	1,406.90
tblVehicleEF	OBUS	70.70	20.50

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tblVehicleEF	OBUS	0.27	0.35
tblVehicleEF	OBUS	0.96	1.22
tblVehicleEF	OBUS	1.91	0.68
tblVehicleEF	OBUS	7.7000e-005	7.1200e-004
tblVehicleEF	OBUS	4.6440e-003	0.01
tblVehicleEF	OBUS	9.2900e-004	2.1800e-004
tblVehicleEF	OBUS	7.4000e-005	6.8100e-004
tblVehicleEF	OBUS	4.4220e-003	0.01
tblVehicleEF	OBUS	8.5400e-004	2.0100e-004
tblVehicleEF	OBUS	2.3200e-003	2.7390e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	9.4100e-004	1.1650e-003
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	0.05	0.30
tblVehicleEF	OBUS	0.38	0.12
tblVehicleEF	OBUS	6.4200e-004	7.2700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.1600e-004	2.0300e-004
tblVehicleEF	OBUS	2.3200e-003	2.7390e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	9.4100e-004	1.1650e-003
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	0.05	0.30
tblVehicleEF	OBUS	0.42	0.13
tblVehicleEF	SBUS	0.84	0.06

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tblVehicleEF	SBUS	0.01	8.5840e-003
tblVehicleEF	SBUS	0.07	6.1570e-003
tblVehicleEF	SBUS	5.71	2.50
tblVehicleEF	SBUS	0.65	0.78
tblVehicleEF	SBUS	5.33	0.82
tblVehicleEF	SBUS	1,258.13	345.06
tblVehicleEF	SBUS	1,136.31	1,112.17
tblVehicleEF	SBUS	37.11	4.79
tblVehicleEF	SBUS	11.70	3.29
tblVehicleEF	SBUS	4.77	5.20
tblVehicleEF	SBUS	15.02	0.91
tblVehicleEF	SBUS	0.01	4.3580e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	5.1700e-004	4.0000e-005
tblVehicleEF	SBUS	0.01	4.1690e-003
tblVehicleEF	SBUS	2.7560e-003	2.7010e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	4.7500e-004	3.6000e-005
tblVehicleEF	SBUS	2.9260e-003	1.2420e-003
tblVehicleEF	SBUS	0.02	9.5120e-003
tblVehicleEF	SBUS	0.68	0.28
tblVehicleEF	SBUS	1.3050e-003	5.9000e-004
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	9.3510e-003	0.06
tblVehicleEF	SBUS	0.27	0.04
tblVehicleEF	SBUS	0.01	3.2890e-003

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tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	4.6300e-004	4.7000e-005
tblVehicleEF	SBUS	2.9260e-003	1.2420e-003
tblVehicleEF	SBUS	0.02	9.5120e-003
tblVehicleEF	SBUS	0.97	0.40
tblVehicleEF	SBUS	1.3050e-003	5.9000e-004
tblVehicleEF	SBUS	0.13	0.13
tblVehicleEF	SBUS	9.3510e-003	0.06
tblVehicleEF	SBUS	0.30	0.04
tblVehicleEF	SBUS	0.84	0.06
tblVehicleEF	SBUS	0.01	8.7140e-003
tblVehicleEF	SBUS	0.06	5.1550e-003
tblVehicleEF	SBUS	5.56	2.47
tblVehicleEF	SBUS	0.66	0.80
tblVehicleEF	SBUS	3.65	0.60
tblVehicleEF	SBUS	1,322.00	352.98
tblVehicleEF	SBUS	1,136.31	1,112.20
tblVehicleEF	SBUS	37.11	4.41
tblVehicleEF	SBUS	12.08	3.36
tblVehicleEF	SBUS	4.47	4.88
tblVehicleEF	SBUS	14.99	0.90
tblVehicleEF	SBUS	0.01	3.6810e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	5.1700e-004	4.0000e-005
tblVehicleEF	SBUS	9.6490e-003	3.5220e-003
tblVehicleEF	SBUS	2.7560e-003	2.7010e-003

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tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	4.7500e-004	3.6000e-005
tblVehicleEF	SBUS	5.6170e-003	2.2080e-003
tblVehicleEF	SBUS	0.02	9.9850e-003
tblVehicleEF	SBUS	0.67	0.28
tblVehicleEF	SBUS	2.8800e-003	1.1130e-003
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	8.5310e-003	0.06
tblVehicleEF	SBUS	0.22	0.03
tblVehicleEF	SBUS	0.01	3.3630e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	4.3500e-004	4.4000e-005
tblVehicleEF	SBUS	5.6170e-003	2.2080e-003
tblVehicleEF	SBUS	0.02	9.9850e-003
tblVehicleEF	SBUS	0.97	0.40
tblVehicleEF	SBUS	2.8800e-003	1.1130e-003
tblVehicleEF	SBUS	0.13	0.13
tblVehicleEF	SBUS	8.5310e-003	0.06
tblVehicleEF	SBUS	0.24	0.03
tblVehicleEF	SBUS	0.84	0.06
tblVehicleEF	SBUS	0.01	8.5760e-003
tblVehicleEF	SBUS	0.07	6.3440e-003
tblVehicleEF	SBUS	5.91	2.56
tblVehicleEF	SBUS	0.65	0.78
tblVehicleEF	SBUS	5.37	0.86
tblVehicleEF	SBUS	1,169.92	334.13
tblVehicleEF	SBUS	1,136.31	1,112.17

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tblVehicleEF	SBUS	37.11	4.85
tblVehicleEF	SBUS	11.19	3.19
tblVehicleEF	SBUS	4.69	5.12
tblVehicleEF	SBUS	15.02	0.91
tblVehicleEF	SBUS	0.01	5.2920e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	5.1700e-004	4.0000e-005
tblVehicleEF	SBUS	0.01	5.0630e-003
tblVehicleEF	SBUS	2.7560e-003	2.7010e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	4.7500e-004	3.6000e-005
tblVehicleEF	SBUS	2.9580e-003	1.2070e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.68	0.28
tblVehicleEF	SBUS	1.2820e-003	6.0100e-004
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	0.01	0.08
tblVehicleEF	SBUS	0.28	0.04
tblVehicleEF	SBUS	0.01	3.1850e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	4.6400e-004	4.8000e-005
tblVehicleEF	SBUS	2.9580e-003	1.2070e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.98	0.40
tblVehicleEF	SBUS	1.2820e-003	6.0100e-004
tblVehicleEF	SBUS	0.13	0.13

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tblVehicleEF	SBUS	0.01	0.08
tblVehicleEF	SBUS	0.31	0.04
tblVehicleEF	UBUS	1.83	4.45
tblVehicleEF	UBUS	0.08	0.01
tblVehicleEF	UBUS	9.26	34.75
tblVehicleEF	UBUS	14.34	0.89
tblVehicleEF	UBUS	1,846.39	1,692.13
tblVehicleEF	UBUS	136.37	11.77
tblVehicleEF	UBUS	5.87	0.38
tblVehicleEF	UBUS	13.57	0.14
tblVehicleEF	UBUS	0.52	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.07	2.6550e-003
tblVehicleEF	UBUS	1.4030e-003	1.4100e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	6.6220e-003
tblVehicleEF	UBUS	0.06	2.5280e-003
tblVehicleEF	UBUS	1.2900e-003	1.3000e-004
tblVehicleEF	UBUS	8.0860e-003	1.6780e-003
tblVehicleEF	UBUS	0.11	9.5390e-003
tblVehicleEF	UBUS	3.9450e-003	7.3700e-004
tblVehicleEF	UBUS	0.61	0.07
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	1.15	0.04
tblVehicleEF	UBUS	0.01	3.0250e-003
tblVehicleEF	UBUS	1.6240e-003	1.1700e-004
tblVehicleEF	UBUS	8.0860e-003	1.6780e-003

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tblVehicleEF	UBUS	0.11	9.5390e-003
tblVehicleEF	UBUS	3.9450e-003	7.3700e-004
tblVehicleEF	UBUS	2.50	4.54
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	1.25	0.04
tblVehicleEF	UBUS	1.83	4.45
tblVehicleEF	UBUS	0.08	9.2350e-003
tblVehicleEF	UBUS	9.36	34.75
tblVehicleEF	UBUS	11.74	0.76
tblVehicleEF	UBUS	1,846.39	1,692.13
tblVehicleEF	UBUS	136.37	11.55
tblVehicleEF	UBUS	5.45	0.38
tblVehicleEF	UBUS	13.45	0.13
tblVehicleEF	UBUS	0.52	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.07	2.6550e-003
tblVehicleEF	UBUS	1.4030e-003	1.4100e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	6.6220e-003
tblVehicleEF	UBUS	0.06	2.5280e-003
tblVehicleEF	UBUS	1.2900e-003	1.3000e-004
tblVehicleEF	UBUS	0.02	3.0610e-003
tblVehicleEF	UBUS	0.14	0.01
tblVehicleEF	UBUS	9.3320e-003	1.4840e-003
tblVehicleEF	UBUS	0.62	0.07
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	1.02	0.03

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tblVehicleEF	UBUS	0.01	3.0250e-003
tblVehicleEF	UBUS	1.5790e-003	1.1400e-004
tblVehicleEF	UBUS	0.02	3.0610e-003
tblVehicleEF	UBUS	0.14	0.01
tblVehicleEF	UBUS	9.3320e-003	1.4840e-003
tblVehicleEF	UBUS	2.52	4.54
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	1.12	0.04
tblVehicleEF	UBUS	1.83	4.45
tblVehicleEF	UBUS	0.08	0.01
tblVehicleEF	UBUS	9.27	34.75
tblVehicleEF	UBUS	13.86	0.90
tblVehicleEF	UBUS	1,846.39	1,692.13
tblVehicleEF	UBUS	136.37	11.80
tblVehicleEF	UBUS	5.76	0.38
tblVehicleEF	UBUS	13.55	0.14
tblVehicleEF	UBUS	0.52	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.07	2.6550e-003
tblVehicleEF	UBUS	1.4030e-003	1.4100e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	6.6220e-003
tblVehicleEF	UBUS	0.06	2.5280e-003
tblVehicleEF	UBUS	1.2900e-003	1.3000e-004
tblVehicleEF	UBUS	9.2250e-003	1.6870e-003
tblVehicleEF	UBUS	0.14	0.01
tblVehicleEF	UBUS	4.1190e-003	7.4500e-004

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tblVehicleEF	UBUS	0.61	0.07
tblVehicleEF	UBUS	0.03	0.05
tblVehicleEF	UBUS	1.13	0.04
tblVehicleEF	UBUS	0.01	3.0250e-003
tblVehicleEF	UBUS	1.6160e-003	1.1700e-004
tblVehicleEF	UBUS	9.2250e-003	1.6870e-003
tblVehicleEF	UBUS	0.14	0.01
tblVehicleEF	UBUS	4.1190e-003	7.4500e-004
tblVehicleEF	UBUS	2.50	4.54
tblVehicleEF	UBUS	0.03	0.05
tblVehicleEF	UBUS	1.24	0.04

2.0 Emissions Summary

Bridge Point Rancho Cucamonga (Demolition - Mitigated) - San Bernardino-South Coast County, Annual

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.1648	1.7046	1.4329	2.8300e-003	1.4968	0.0751	1.5720	0.2296	0.0702	0.2998	0.0000	251.5210	251.5210	0.0573	0.0000	252.9534
Maximum	0.1648	1.7046	1.4329	2.8300e-003	1.4968	0.0751	1.5720	0.2296	0.0702	0.2998	0.0000	251.5210	251.5210	0.0573	0.0000	252.9534

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.0479	0.7123	1.5621	2.8300e-003	0.5988	0.0371	0.6358	0.0937	0.0370	0.1307	0.0000	251.5207	251.5207	0.0573	0.0000	252.9531
Maximum	0.0479	0.7123	1.5621	2.8300e-003	0.5988	0.0371	0.6358	0.0937	0.0370	0.1307	0.0000	251.5207	251.5207	0.0573	0.0000	252.9531

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	70.93	58.21	-9.02	0.00	60.00	50.67	59.55	59.21	47.21	56.40	0.00	0.00	0.00	0.00	0.00	0.00

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Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	7-1-2021	9-30-2021	1.8049	0.7330
		Highest	1.8049	0.7330

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0342	0.0000	1.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.5000e-004	2.5000e-004	0.0000	0.0000	2.6000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0342	0.0000	1.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2.5000e-004	2.5000e-004	0.0000	0.0000	2.6000e-004

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2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0342	0.0000	1.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.5000e-004	2.5000e-004	0.0000	0.0000	2.6000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0342	0.0000	1.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2.5000e-004	2.5000e-004	0.0000	0.0000	2.6000e-004

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	7/1/2021	10/4/2021	5	68	

Acres of Grading (Site Preparation Phase): 0

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Acres of Grading (Grading Phase): 0

Acres of Paving: 10

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Aerial Lifts	4	8.00	63	0.31
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Crushing/Proc. Equipment	1	8.00	85	0.78
Demolition	Excavators	3	8.00	158	0.38
Demolition	Other Construction Equipment	1	8.00	172	0.42
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Demolition	Skid Steer Loaders	4	8.00	65	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	16	40.00	33.00	306.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

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3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.4722	0.0000	1.4722	0.2229	0.0000	0.2229	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1547	1.5549	1.3565	2.2800e-003		0.0747	0.0747		0.0698	0.0698	0.0000	199.3242	199.3242	0.0544	0.0000	200.6840
Total	0.1547	1.5549	1.3565	2.2800e-003	1.4722	0.0747	1.5469	0.2229	0.0698	0.2927	0.0000	199.3242	199.3242	0.0544	0.0000	200.6840

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	9.3000e-004	0.0357	5.7400e-003	1.2000e-004	2.6300e-003	1.0000e-004	2.7300e-003	7.2000e-004	9.0000e-005	8.2000e-004	0.0000	11.3275	11.3275	6.4000e-004	0.0000	11.3434
Vendor	2.9700e-003	0.1092	0.0222	3.0000e-004	7.0700e-003	1.9000e-004	7.2600e-003	2.0400e-003	1.8000e-004	2.2200e-003	0.0000	28.4947	28.4947	1.9200e-003	0.0000	28.5427
Worker	6.2600e-003	4.7300e-003	0.0485	1.4000e-004	0.0149	1.0000e-004	0.0150	3.9600e-003	9.0000e-005	4.0500e-003	0.0000	12.3747	12.3747	3.5000e-004	0.0000	12.3833
Total	0.0102	0.1496	0.0764	5.6000e-004	0.0246	3.9000e-004	0.0250	6.7200e-003	3.6000e-004	7.0900e-003	0.0000	52.1968	52.1968	2.9100e-003	0.0000	52.2694

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3.2 Demolition - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.5742	0.0000	0.5742	0.0869	0.0000	0.0869	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0378	0.5627	1.4857	2.2800e-003		0.0367	0.0367		0.0367	0.0367	0.0000	199.3239	199.3239	0.0544	0.0000	200.6837
Total	0.0378	0.5627	1.4857	2.2800e-003	0.5742	0.0367	0.6108	0.0869	0.0367	0.1236	0.0000	199.3239	199.3239	0.0544	0.0000	200.6837

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	9.3000e-004	0.0357	5.7400e-003	1.2000e-004	2.6300e-003	1.0000e-004	2.7300e-003	7.2000e-004	9.0000e-005	8.2000e-004	0.0000	11.3275	11.3275	6.4000e-004	0.0000	11.3434
Vendor	2.9700e-003	0.1092	0.0222	3.0000e-004	7.0700e-003	1.9000e-004	7.2600e-003	2.0400e-003	1.8000e-004	2.2200e-003	0.0000	28.4947	28.4947	1.9200e-003	0.0000	28.5427
Worker	6.2600e-003	4.7300e-003	0.0485	1.4000e-004	0.0149	1.0000e-004	0.0150	3.9600e-003	9.0000e-005	4.0500e-003	0.0000	12.3747	12.3747	3.5000e-004	0.0000	12.3833
Total	0.0102	0.1496	0.0764	5.6000e-004	0.0246	3.9000e-004	0.0250	6.7200e-003	3.6000e-004	7.0900e-003	0.0000	52.1968	52.1968	2.9100e-003	0.0000	52.2694

4.0 Operational Detail - Mobile

Bridge Point Rancho Cucamonga (Demolition - Mitigated) - San Bernardino-South Coast County, Annual

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.553113	0.036408	0.180286	0.116335	0.016165	0.005101	0.018218	0.063797	0.001357	0.001565	0.005903	0.000808	0.000944

Bridge Point Rancho Cucamonga (Demolition - Mitigated) - San Bernardino-South Coast County, Annual

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Bridge Point Rancho Cucamonga (Demolition - Mitigated) - San Bernardino-South Coast County, Annual

5.2 Energy by Land Use - Natural Gas

Unmitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Bridge Point Rancho Cucamonga (Demolition - Mitigated) - San Bernardino-South Coast County, Annual

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

Bridge Point Rancho Cucamonga (Demolition - Mitigated) - San Bernardino-South Coast County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0342	0.0000	1.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.5000e-004	2.5000e-004	0.0000	0.0000	2.6000e-004
Unmitigated	0.0342	0.0000	1.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.5000e-004	2.5000e-004	0.0000	0.0000	2.6000e-004

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	6.0600e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0282					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0000e-005	0.0000	1.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.5000e-004	2.5000e-004	0.0000	0.0000	2.6000e-004
Total	0.0342	0.0000	1.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.5000e-004	2.5000e-004	0.0000	0.0000	2.6000e-004

Bridge Point Rancho Cucamonga (Demolition - Mitigated) - San Bernardino-South Coast County, Annual

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	6.0600e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0282					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0000e-005	0.0000	1.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.5000e-004	2.5000e-004	0.0000	0.0000	2.6000e-004
Total	0.0342	0.0000	1.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.5000e-004	2.5000e-004	0.0000	0.0000	2.6000e-004

7.0 Water Detail

7.1 Mitigation Measures Water

Bridge Point Rancho Cucamonga (Demolition - Mitigated) - San Bernardino-South Coast County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Bridge Point Rancho Cucamonga (Demolition - Mitigated) - San Bernardino-South Coast County, Annual

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

Bridge Point Rancho Cucamonga (Demolition - Mitigated) - San Bernardino-South Coast County, Annual

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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Bridge Point Rancho Cucamonga (Demolition - Mitigated) - San Bernardino-South Coast County, Annual

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Bridge Point (Crushing - Mitigated) - San Bernardino-South Coast County, Annual

Bridge Point (Crushing - Mitigated)
San Bernardino-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	10.00	Acre	10.00	435,600.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	32
Climate Zone	10			Operational Year	2022
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	702.44	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Bridge Point (Crushing - Mitigated) - San Bernardino-South Coast County, Annual

Project Characteristics -

Land Use -

Construction Phase - Number of crushing days based on information provided by the Project Applicant.

Off-road Equipment - CAT C27 Generator Set

Off-road Equipment - Based on information provided by the Project Applicant, there will be 2 crushers on-site

Trips and VMT - Crushing will be conducted on-site

Demolition -

Area Coating -

Construction Off-road Equipment Mitigation - Tier 4 engines for Generator Sets

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	20.00	68.00
tblOffRoadEquipment	HorsePower	84.00	1,050.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblTripsAndVMT	HaulingTripNumber	13,606.00	0.00
tblTripsAndVMT	WorkerTripNumber	5.00	0.00
tblVehicleEF	HHD	1.21	0.03
tblVehicleEF	HHD	0.04	0.14
tblVehicleEF	HHD	0.10	0.00
tblVehicleEF	HHD	3.29	5.95

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tblVehicleEF	HHD	0.57	0.67
tblVehicleEF	HHD	1.82	3.7880e-003
tblVehicleEF	HHD	6,933.41	1,124.17
tblVehicleEF	HHD	1,475.79	1,484.27
tblVehicleEF	HHD	5.54	0.03
tblVehicleEF	HHD	26.50	6.08
tblVehicleEF	HHD	2.50	3.42
tblVehicleEF	HHD	20.21	2.10
tblVehicleEF	HHD	9.7780e-003	3.6280e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.01	0.03
tblVehicleEF	HHD	5.1000e-005	1.0000e-006
tblVehicleEF	HHD	9.3550e-003	3.4710e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8810e-003	8.8310e-003
tblVehicleEF	HHD	0.01	0.03
tblVehicleEF	HHD	4.7000e-005	1.0000e-006
tblVehicleEF	HHD	8.5000e-005	5.0000e-006
tblVehicleEF	HHD	3.1910e-003	1.6000e-004
tblVehicleEF	HHD	0.84	0.43
tblVehicleEF	HHD	5.2000e-005	3.0000e-006
tblVehicleEF	HHD	0.08	0.08
tblVehicleEF	HHD	2.1700e-004	7.9100e-004
tblVehicleEF	HHD	0.05	1.0000e-006
tblVehicleEF	HHD	0.07	0.01
tblVehicleEF	HHD	0.01	0.01

Bridge Point (Crushing - Mitigated) - San Bernardino-South Coast County, Annual

tblVehicleEF	HHD	8.6000e-005	0.00
tblVehicleEF	HHD	8.5000e-005	5.0000e-006
tblVehicleEF	HHD	3.1910e-003	1.6000e-004
tblVehicleEF	HHD	0.97	0.50
tblVehicleEF	HHD	5.2000e-005	3.0000e-006
tblVehicleEF	HHD	0.13	0.23
tblVehicleEF	HHD	2.1700e-004	7.9100e-004
tblVehicleEF	HHD	0.06	1.0000e-006
tblVehicleEF	HHD	1.14	0.03
tblVehicleEF	HHD	0.04	0.14
tblVehicleEF	HHD	0.09	0.00
tblVehicleEF	HHD	2.39	5.82
tblVehicleEF	HHD	0.57	0.67
tblVehicleEF	HHD	1.70	3.5770e-003
tblVehicleEF	HHD	7,345.18	1,121.04
tblVehicleEF	HHD	1,475.79	1,484.27
tblVehicleEF	HHD	5.54	0.03
tblVehicleEF	HHD	27.35	5.90
tblVehicleEF	HHD	2.36	3.23
tblVehicleEF	HHD	20.20	2.10
tblVehicleEF	HHD	8.2750e-003	3.1750e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.01	0.03
tblVehicleEF	HHD	5.1000e-005	1.0000e-006
tblVehicleEF	HHD	7.9170e-003	3.0380e-003
tblVehicleEF	HHD	0.03	0.03

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tblVehicleEF	HHD	8.8810e-003	8.8310e-003
tblVehicleEF	HHD	0.01	0.03
tblVehicleEF	HHD	4.7000e-005	1.0000e-006
tblVehicleEF	HHD	1.6800e-004	1.0000e-005
tblVehicleEF	HHD	3.5970e-003	1.8200e-004
tblVehicleEF	HHD	0.79	0.45
tblVehicleEF	HHD	1.1700e-004	7.0000e-006
tblVehicleEF	HHD	0.08	0.08
tblVehicleEF	HHD	2.2100e-004	8.1200e-004
tblVehicleEF	HHD	0.05	1.0000e-006
tblVehicleEF	HHD	0.07	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	8.4000e-005	0.00
tblVehicleEF	HHD	1.6800e-004	1.0000e-005
tblVehicleEF	HHD	3.5970e-003	1.8200e-004
tblVehicleEF	HHD	0.91	0.52
tblVehicleEF	HHD	1.1700e-004	7.0000e-006
tblVehicleEF	HHD	0.13	0.23
tblVehicleEF	HHD	2.2100e-004	8.1200e-004
tblVehicleEF	HHD	0.06	1.0000e-006
tblVehicleEF	HHD	1.31	0.02
tblVehicleEF	HHD	0.04	3.3680e-003
tblVehicleEF	HHD	0.10	0.00
tblVehicleEF	HHD	4.53	5.98
tblVehicleEF	HHD	0.57	0.33
tblVehicleEF	HHD	1.79	3.7590e-003
tblVehicleEF	HHD	6,364.76	1,097.48

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tblVehicleEF	HHD	1,475.79	1,393.36
tblVehicleEF	HHD	5.54	0.03
tblVehicleEF	HHD	25.32	6.13
tblVehicleEF	HHD	2.46	3.28
tblVehicleEF	HHD	20.20	2.10
tblVehicleEF	HHD	0.01	3.8650e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.03
tblVehicleEF	HHD	0.01	0.03
tblVehicleEF	HHD	5.1000e-005	1.0000e-006
tblVehicleEF	HHD	0.01	3.6980e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8810e-003	8.6000e-003
tblVehicleEF	HHD	0.01	0.03
tblVehicleEF	HHD	4.7000e-005	1.0000e-006
tblVehicleEF	HHD	8.5000e-005	5.0000e-006
tblVehicleEF	HHD	3.4760e-003	1.8700e-004
tblVehicleEF	HHD	0.91	0.40
tblVehicleEF	HHD	5.2000e-005	3.0000e-006
tblVehicleEF	HHD	0.08	0.07
tblVehicleEF	HHD	2.3300e-004	8.2900e-004
tblVehicleEF	HHD	0.05	1.0000e-006
tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	8.5000e-005	0.00
tblVehicleEF	HHD	8.5000e-005	5.0000e-006
tblVehicleEF	HHD	3.4760e-003	1.8700e-004

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tblVehicleEF	HHD	1.05	0.46
tblVehicleEF	HHD	5.2000e-005	3.0000e-006
tblVehicleEF	HHD	0.13	0.08
tblVehicleEF	HHD	2.3300e-004	8.2900e-004
tblVehicleEF	HHD	0.06	1.0000e-006
tblVehicleEF	LDA	4.2030e-003	2.5110e-003
tblVehicleEF	LDA	5.6230e-003	0.05
tblVehicleEF	LDA	0.57	0.67
tblVehicleEF	LDA	1.19	2.11
tblVehicleEF	LDA	251.29	265.15
tblVehicleEF	LDA	57.15	54.12
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.08	0.18
tblVehicleEF	LDA	1.6780e-003	1.5210e-003
tblVehicleEF	LDA	2.2790e-003	1.8570e-003
tblVehicleEF	LDA	1.5460e-003	1.4000e-003
tblVehicleEF	LDA	2.0960e-003	1.7080e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.01	9.5370e-003
tblVehicleEF	LDA	0.03	0.21
tblVehicleEF	LDA	0.08	0.22
tblVehicleEF	LDA	2.5170e-003	2.6060e-003
tblVehicleEF	LDA	5.9200e-004	5.3200e-004
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.10	0.10

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tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.02	0.01
tblVehicleEF	LDA	0.03	0.21
tblVehicleEF	LDA	0.08	0.24
tblVehicleEF	LDA	4.7900e-003	2.8350e-003
tblVehicleEF	LDA	4.6890e-003	0.04
tblVehicleEF	LDA	0.71	0.81
tblVehicleEF	LDA	0.99	1.78
tblVehicleEF	LDA	274.94	287.11
tblVehicleEF	LDA	57.15	53.48
tblVehicleEF	LDA	0.05	0.03
tblVehicleEF	LDA	0.07	0.17
tblVehicleEF	LDA	1.6780e-003	1.5210e-003
tblVehicleEF	LDA	2.2790e-003	1.8570e-003
tblVehicleEF	LDA	1.5460e-003	1.4000e-003
tblVehicleEF	LDA	2.0960e-003	1.7080e-003
tblVehicleEF	LDA	0.09	0.11
tblVehicleEF	LDA	0.12	0.11
tblVehicleEF	LDA	0.07	0.09
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.03	0.21
tblVehicleEF	LDA	0.06	0.19
tblVehicleEF	LDA	2.7550e-003	2.8220e-003
tblVehicleEF	LDA	5.8800e-004	5.2600e-004
tblVehicleEF	LDA	0.09	0.11
tblVehicleEF	LDA	0.12	0.11
tblVehicleEF	LDA	0.07	0.09

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tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.03	0.21
tblVehicleEF	LDA	0.07	0.21
tblVehicleEF	LDA	4.0860e-003	2.4590e-003
tblVehicleEF	LDA	5.5870e-003	0.05
tblVehicleEF	LDA	0.54	0.64
tblVehicleEF	LDA	1.18	2.12
tblVehicleEF	LDA	245.70	261.06
tblVehicleEF	LDA	57.15	54.13
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.08	0.18
tblVehicleEF	LDA	1.6780e-003	1.5210e-003
tblVehicleEF	LDA	2.2790e-003	1.8570e-003
tblVehicleEF	LDA	1.5460e-003	1.4000e-003
tblVehicleEF	LDA	2.0960e-003	1.7080e-003
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.11	0.11
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.01	9.3400e-003
tblVehicleEF	LDA	0.04	0.24
tblVehicleEF	LDA	0.08	0.22
tblVehicleEF	LDA	2.4600e-003	2.5660e-003
tblVehicleEF	LDA	5.9100e-004	5.3200e-004
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.11	0.11
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.01	0.01

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tblVehicleEF	LDA	0.04	0.24
tblVehicleEF	LDA	0.08	0.24
tblVehicleEF	LDT1	0.01	7.5760e-003
tblVehicleEF	LDT1	0.02	0.08
tblVehicleEF	LDT1	1.54	1.52
tblVehicleEF	LDT1	3.61	2.39
tblVehicleEF	LDT1	313.68	314.63
tblVehicleEF	LDT1	70.93	65.70
tblVehicleEF	LDT1	0.16	0.13
tblVehicleEF	LDT1	0.22	0.30
tblVehicleEF	LDT1	2.7050e-003	2.3430e-003
tblVehicleEF	LDT1	3.6920e-003	2.8390e-003
tblVehicleEF	LDT1	2.4910e-003	2.1560e-003
tblVehicleEF	LDT1	3.3960e-003	2.6100e-003
tblVehicleEF	LDT1	0.18	0.19
tblVehicleEF	LDT1	0.33	0.26
tblVehicleEF	LDT1	0.13	0.14
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.20	0.86
tblVehicleEF	LDT1	0.26	0.42
tblVehicleEF	LDT1	3.1570e-003	3.0930e-003
tblVehicleEF	LDT1	7.7300e-004	6.4600e-004
tblVehicleEF	LDT1	0.18	0.19
tblVehicleEF	LDT1	0.33	0.26
tblVehicleEF	LDT1	0.13	0.14
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.20	0.86

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tblVehicleEF	LDT1	0.28	0.47
tblVehicleEF	LDT1	0.02	8.4640e-003
tblVehicleEF	LDT1	0.02	0.07
tblVehicleEF	LDT1	1.85	1.81
tblVehicleEF	LDT1	2.97	2.00
tblVehicleEF	LDT1	341.75	337.48
tblVehicleEF	LDT1	70.93	64.87
tblVehicleEF	LDT1	0.14	0.11
tblVehicleEF	LDT1	0.20	0.28
tblVehicleEF	LDT1	2.7050e-003	2.3430e-003
tblVehicleEF	LDT1	3.6920e-003	2.8390e-003
tblVehicleEF	LDT1	2.4910e-003	2.1560e-003
tblVehicleEF	LDT1	3.3960e-003	2.6100e-003
tblVehicleEF	LDT1	0.37	0.36
tblVehicleEF	LDT1	0.41	0.31
tblVehicleEF	LDT1	0.27	0.26
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.20	0.85
tblVehicleEF	LDT1	0.21	0.36
tblVehicleEF	LDT1	3.4420e-003	3.3180e-003
tblVehicleEF	LDT1	7.6200e-004	6.3800e-004
tblVehicleEF	LDT1	0.37	0.36
tblVehicleEF	LDT1	0.41	0.31
tblVehicleEF	LDT1	0.27	0.26
tblVehicleEF	LDT1	0.06	0.05
tblVehicleEF	LDT1	0.20	0.85
tblVehicleEF	LDT1	0.23	0.40

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tblVehicleEF	LDT1	0.01	7.4310e-003
tblVehicleEF	LDT1	0.02	0.08
tblVehicleEF	LDT1	1.47	1.47
tblVehicleEF	LDT1	3.55	2.39
tblVehicleEF	LDT1	307.06	310.38
tblVehicleEF	LDT1	70.93	65.71
tblVehicleEF	LDT1	0.15	0.12
tblVehicleEF	LDT1	0.21	0.29
tblVehicleEF	LDT1	2.7050e-003	2.3430e-003
tblVehicleEF	LDT1	3.6920e-003	2.8390e-003
tblVehicleEF	LDT1	2.4910e-003	2.1560e-003
tblVehicleEF	LDT1	3.3960e-003	2.6100e-003
tblVehicleEF	LDT1	0.19	0.19
tblVehicleEF	LDT1	0.39	0.30
tblVehicleEF	LDT1	0.12	0.13
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.23	1.00
tblVehicleEF	LDT1	0.25	0.43
tblVehicleEF	LDT1	3.0890e-003	3.0520e-003
tblVehicleEF	LDT1	7.7200e-004	6.4600e-004
tblVehicleEF	LDT1	0.19	0.19
tblVehicleEF	LDT1	0.39	0.30
tblVehicleEF	LDT1	0.12	0.13
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.23	1.00
tblVehicleEF	LDT1	0.28	0.47
tblVehicleEF	LDT2	6.3270e-003	4.4090e-003

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tblVehicleEF	LDT2	8.1990e-003	0.07
tblVehicleEF	LDT2	0.80	1.00
tblVehicleEF	LDT2	1.67	2.71
tblVehicleEF	LDT2	351.15	335.59
tblVehicleEF	LDT2	79.39	70.25
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.14	0.30
tblVehicleEF	LDT2	1.7270e-003	1.6010e-003
tblVehicleEF	LDT2	2.4170e-003	1.9240e-003
tblVehicleEF	LDT2	1.5880e-003	1.4740e-003
tblVehicleEF	LDT2	2.2220e-003	1.7690e-003
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.13	0.14
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.45
tblVehicleEF	LDT2	0.11	0.33
tblVehicleEF	LDT2	3.5180e-003	3.2990e-003
tblVehicleEF	LDT2	8.2200e-004	6.9100e-004
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.13	0.14
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.07	0.45
tblVehicleEF	LDT2	0.12	0.36
tblVehicleEF	LDT2	7.1840e-003	4.9540e-003
tblVehicleEF	LDT2	6.8290e-003	0.06

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tblVehicleEF	LDT2	0.97	1.20
tblVehicleEF	LDT2	1.38	2.28
tblVehicleEF	LDT2	383.36	357.71
tblVehicleEF	LDT2	79.39	69.39
tblVehicleEF	LDT2	0.08	0.08
tblVehicleEF	LDT2	0.13	0.28
tblVehicleEF	LDT2	1.7270e-003	1.6010e-003
tblVehicleEF	LDT2	2.4170e-003	1.9240e-003
tblVehicleEF	LDT2	1.5880e-003	1.4740e-003
tblVehicleEF	LDT2	2.2220e-003	1.7690e-003
tblVehicleEF	LDT2	0.13	0.18
tblVehicleEF	LDT2	0.15	0.16
tblVehicleEF	LDT2	0.11	0.15
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.45
tblVehicleEF	LDT2	0.09	0.29
tblVehicleEF	LDT2	3.8420e-003	3.5160e-003
tblVehicleEF	LDT2	8.1700e-004	6.8200e-004
tblVehicleEF	LDT2	0.13	0.18
tblVehicleEF	LDT2	0.15	0.16
tblVehicleEF	LDT2	0.11	0.15
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.07	0.45
tblVehicleEF	LDT2	0.10	0.31
tblVehicleEF	LDT2	6.1560e-003	4.3220e-003
tblVehicleEF	LDT2	8.1410e-003	0.07
tblVehicleEF	LDT2	0.75	0.96

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tblVehicleEF	LDT2	1.64	2.72
tblVehicleEF	LDT2	343.55	331.47
tblVehicleEF	LDT2	79.39	70.27
tblVehicleEF	LDT2	0.08	0.08
tblVehicleEF	LDT2	0.14	0.30
tblVehicleEF	LDT2	1.7270e-003	1.6010e-003
tblVehicleEF	LDT2	2.4170e-003	1.9240e-003
tblVehicleEF	LDT2	1.5880e-003	1.4740e-003
tblVehicleEF	LDT2	2.2220e-003	1.7690e-003
tblVehicleEF	LDT2	0.06	0.09
tblVehicleEF	LDT2	0.14	0.16
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.08	0.52
tblVehicleEF	LDT2	0.11	0.33
tblVehicleEF	LDT2	3.4410e-003	3.2580e-003
tblVehicleEF	LDT2	8.2200e-004	6.9100e-004
tblVehicleEF	LDT2	0.06	0.09
tblVehicleEF	LDT2	0.14	0.16
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.08	0.52
tblVehicleEF	LDT2	0.12	0.37
tblVehicleEF	LHD1	5.2170e-003	5.0850e-003
tblVehicleEF	LHD1	0.01	6.1020e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.14	0.18

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tblVehicleEF	LHD1	1.07	0.75
tblVehicleEF	LHD1	2.60	1.03
tblVehicleEF	LHD1	9.23	9.25
tblVehicleEF	LHD1	609.20	652.45
tblVehicleEF	LHD1	30.40	11.21
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	2.12	1.25
tblVehicleEF	LHD1	0.99	0.32
tblVehicleEF	LHD1	9.6500e-004	8.9000e-004
tblVehicleEF	LHD1	0.01	9.8770e-003
tblVehicleEF	LHD1	0.01	9.8260e-003
tblVehicleEF	LHD1	9.5800e-004	2.6000e-004
tblVehicleEF	LHD1	9.2400e-004	8.5100e-004
tblVehicleEF	LHD1	2.5390e-003	2.4690e-003
tblVehicleEF	LHD1	0.01	9.3750e-003
tblVehicleEF	LHD1	8.8100e-004	2.3900e-004
tblVehicleEF	LHD1	3.7070e-003	3.0390e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.8240e-003	1.5810e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.35	0.55
tblVehicleEF	LHD1	0.27	0.08
tblVehicleEF	LHD1	9.2000e-005	9.0000e-005
tblVehicleEF	LHD1	5.9760e-003	6.3570e-003
tblVehicleEF	LHD1	3.5300e-004	1.1100e-004
tblVehicleEF	LHD1	3.7070e-003	3.0390e-003

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tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.8240e-003	1.5810e-003
tblVehicleEF	LHD1	0.10	0.08
tblVehicleEF	LHD1	0.35	0.55
tblVehicleEF	LHD1	0.29	0.09
tblVehicleEF	LHD1	5.2170e-003	5.0990e-003
tblVehicleEF	LHD1	0.01	6.2280e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	1.09	0.76
tblVehicleEF	LHD1	2.43	0.98
tblVehicleEF	LHD1	9.23	9.25
tblVehicleEF	LHD1	609.20	652.47
tblVehicleEF	LHD1	30.40	11.12
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	1.98	1.17
tblVehicleEF	LHD1	0.94	0.31
tblVehicleEF	LHD1	9.6500e-004	8.9000e-004
tblVehicleEF	LHD1	0.01	9.8770e-003
tblVehicleEF	LHD1	0.01	9.8260e-003
tblVehicleEF	LHD1	9.5800e-004	2.6000e-004
tblVehicleEF	LHD1	9.2400e-004	8.5100e-004
tblVehicleEF	LHD1	2.5390e-003	2.4690e-003
tblVehicleEF	LHD1	0.01	9.3750e-003
tblVehicleEF	LHD1	8.8100e-004	2.3900e-004
tblVehicleEF	LHD1	7.3080e-003	5.4780e-003

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tblVehicleEF	LHD1	0.13	0.10
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	4.1220e-003	3.0450e-003
tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	0.36	0.56
tblVehicleEF	LHD1	0.25	0.08
tblVehicleEF	LHD1	9.2000e-005	9.0000e-005
tblVehicleEF	LHD1	5.9770e-003	6.3570e-003
tblVehicleEF	LHD1	3.5000e-004	1.1000e-004
tblVehicleEF	LHD1	7.3080e-003	5.4780e-003
tblVehicleEF	LHD1	0.13	0.10
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	4.1220e-003	3.0450e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.36	0.56
tblVehicleEF	LHD1	0.28	0.08
tblVehicleEF	LHD1	5.2170e-003	5.0870e-003
tblVehicleEF	LHD1	0.01	6.1100e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	1.07	0.75
tblVehicleEF	LHD1	2.55	1.02
tblVehicleEF	LHD1	9.23	9.25
tblVehicleEF	LHD1	609.20	652.45
tblVehicleEF	LHD1	30.40	11.20
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	2.08	1.23

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tblVehicleEF	LHD1	0.97	0.31
tblVehicleEF	LHD1	9.6500e-004	8.9000e-004
tblVehicleEF	LHD1	0.01	9.8770e-003
tblVehicleEF	LHD1	0.01	9.8260e-003
tblVehicleEF	LHD1	9.5800e-004	2.6000e-004
tblVehicleEF	LHD1	9.2400e-004	8.5100e-004
tblVehicleEF	LHD1	2.5390e-003	2.4690e-003
tblVehicleEF	LHD1	0.01	9.3750e-003
tblVehicleEF	LHD1	8.8100e-004	2.3900e-004
tblVehicleEF	LHD1	4.0430e-003	3.1520e-003
tblVehicleEF	LHD1	0.13	0.10
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.7940e-003	1.6100e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.38	0.60
tblVehicleEF	LHD1	0.26	0.08
tblVehicleEF	LHD1	9.2000e-005	9.0000e-005
tblVehicleEF	LHD1	5.9760e-003	6.3570e-003
tblVehicleEF	LHD1	3.5200e-004	1.1100e-004
tblVehicleEF	LHD1	4.0430e-003	3.1520e-003
tblVehicleEF	LHD1	0.13	0.10
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.7940e-003	1.6100e-003
tblVehicleEF	LHD1	0.10	0.08
tblVehicleEF	LHD1	0.38	0.60
tblVehicleEF	LHD1	0.29	0.09
tblVehicleEF	LHD2	3.5950e-003	3.6950e-003

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tblVehicleEF	LHD2	4.6110e-003	4.1040e-003
tblVehicleEF	LHD2	8.1370e-003	0.01
tblVehicleEF	LHD2	0.12	0.15
tblVehicleEF	LHD2	0.50	0.50
tblVehicleEF	LHD2	1.20	0.67
tblVehicleEF	LHD2	14.27	14.14
tblVehicleEF	LHD2	608.52	665.25
tblVehicleEF	LHD2	24.46	8.76
tblVehicleEF	LHD2	0.11	0.10
tblVehicleEF	LHD2	1.49	1.36
tblVehicleEF	LHD2	0.53	0.22
tblVehicleEF	LHD2	1.2830e-003	1.3100e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.0000e-004	1.3700e-004
tblVehicleEF	LHD2	1.2280e-003	1.2540e-003
tblVehicleEF	LHD2	2.6860e-003	2.6560e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.6800e-004	1.2600e-004
tblVehicleEF	LHD2	1.3070e-003	1.7040e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	7.0300e-004	9.2000e-004
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.09	0.32
tblVehicleEF	LHD2	0.11	0.05
tblVehicleEF	LHD2	1.3900e-004	1.3500e-004

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tblVehicleEF	LHD2	5.9200e-003	6.4300e-003
tblVehicleEF	LHD2	2.6700e-004	8.7000e-005
tblVehicleEF	LHD2	1.3070e-003	1.7040e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.0300e-004	9.2000e-004
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.09	0.32
tblVehicleEF	LHD2	0.12	0.06
tblVehicleEF	LHD2	3.5950e-003	3.7050e-003
tblVehicleEF	LHD2	4.6760e-003	4.1460e-003
tblVehicleEF	LHD2	7.7630e-003	0.01
tblVehicleEF	LHD2	0.12	0.15
tblVehicleEF	LHD2	0.50	0.50
tblVehicleEF	LHD2	1.13	0.64
tblVehicleEF	LHD2	14.27	14.14
tblVehicleEF	LHD2	608.52	665.25
tblVehicleEF	LHD2	24.46	8.70
tblVehicleEF	LHD2	0.11	0.10
tblVehicleEF	LHD2	1.40	1.28
tblVehicleEF	LHD2	0.50	0.21
tblVehicleEF	LHD2	1.2830e-003	1.3100e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.0000e-004	1.3700e-004
tblVehicleEF	LHD2	1.2280e-003	1.2540e-003
tblVehicleEF	LHD2	2.6860e-003	2.6560e-003

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tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.6800e-004	1.2600e-004
tblVehicleEF	LHD2	2.5220e-003	3.0730e-003
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.5220e-003	1.7630e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.09	0.32
tblVehicleEF	LHD2	0.10	0.05
tblVehicleEF	LHD2	1.3900e-004	1.3500e-004
tblVehicleEF	LHD2	5.9200e-003	6.4300e-003
tblVehicleEF	LHD2	2.6500e-004	8.6000e-005
tblVehicleEF	LHD2	2.5220e-003	3.0730e-003
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.5220e-003	1.7630e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.09	0.32
tblVehicleEF	LHD2	0.11	0.05
tblVehicleEF	LHD2	3.5950e-003	3.6960e-003
tblVehicleEF	LHD2	4.6180e-003	4.1080e-003
tblVehicleEF	LHD2	8.0640e-003	0.01
tblVehicleEF	LHD2	0.12	0.15
tblVehicleEF	LHD2	0.50	0.50
tblVehicleEF	LHD2	1.19	0.67
tblVehicleEF	LHD2	14.27	14.14
tblVehicleEF	LHD2	608.52	665.25

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tblVehicleEF	LHD2	24.46	8.75
tblVehicleEF	LHD2	0.11	0.10
tblVehicleEF	LHD2	1.46	1.33
tblVehicleEF	LHD2	0.52	0.22
tblVehicleEF	LHD2	1.2830e-003	1.3100e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.0000e-004	1.3700e-004
tblVehicleEF	LHD2	1.2280e-003	1.2540e-003
tblVehicleEF	LHD2	2.6860e-003	2.6560e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.6800e-004	1.2600e-004
tblVehicleEF	LHD2	1.3460e-003	1.7140e-003
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	6.8700e-004	9.2200e-004
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.10	0.34
tblVehicleEF	LHD2	0.11	0.05
tblVehicleEF	LHD2	1.3900e-004	1.3500e-004
tblVehicleEF	LHD2	5.9200e-003	6.4300e-003
tblVehicleEF	LHD2	2.6600e-004	8.7000e-005
tblVehicleEF	LHD2	1.3460e-003	1.7140e-003
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.8700e-004	9.2200e-004
tblVehicleEF	LHD2	0.07	0.07

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tblVehicleEF	LHD2	0.10	0.34
tblVehicleEF	LHD2	0.12	0.06
tblVehicleEF	MCY	0.43	0.34
tblVehicleEF	MCY	0.16	0.24
tblVehicleEF	MCY	20.55	19.26
tblVehicleEF	MCY	9.93	8.60
tblVehicleEF	MCY	167.73	212.03
tblVehicleEF	MCY	46.45	60.73
tblVehicleEF	MCY	1.16	1.13
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	1.8610e-003	1.9650e-003
tblVehicleEF	MCY	3.6730e-003	2.9600e-003
tblVehicleEF	MCY	1.7420e-003	1.8380e-003
tblVehicleEF	MCY	3.4650e-003	2.7870e-003
tblVehicleEF	MCY	1.45	1.42
tblVehicleEF	MCY	0.84	0.80
tblVehicleEF	MCY	0.80	0.78
tblVehicleEF	MCY	2.23	2.33
tblVehicleEF	MCY	0.49	1.91
tblVehicleEF	MCY	2.16	1.84
tblVehicleEF	MCY	2.0770e-003	2.0980e-003
tblVehicleEF	MCY	6.9000e-004	6.0100e-004
tblVehicleEF	MCY	1.45	1.42
tblVehicleEF	MCY	0.84	0.80
tblVehicleEF	MCY	0.80	0.78
tblVehicleEF	MCY	2.74	2.87
tblVehicleEF	MCY	0.49	1.91

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tblVehicleEF	MCY	2.35	2.01
tblVehicleEF	MCY	0.42	0.34
tblVehicleEF	MCY	0.14	0.21
tblVehicleEF	MCY	20.68	19.28
tblVehicleEF	MCY	9.05	7.90
tblVehicleEF	MCY	167.73	211.90
tblVehicleEF	MCY	46.45	58.88
tblVehicleEF	MCY	0.99	0.97
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	1.8610e-003	1.9650e-003
tblVehicleEF	MCY	3.6730e-003	2.9600e-003
tblVehicleEF	MCY	1.7420e-003	1.8380e-003
tblVehicleEF	MCY	3.4650e-003	2.7870e-003
tblVehicleEF	MCY	3.14	2.77
tblVehicleEF	MCY	1.27	1.11
tblVehicleEF	MCY	2.13	1.77
tblVehicleEF	MCY	2.17	2.28
tblVehicleEF	MCY	0.49	1.88
tblVehicleEF	MCY	1.86	1.62
tblVehicleEF	MCY	2.0770e-003	2.0970e-003
tblVehicleEF	MCY	6.6700e-004	5.8300e-004
tblVehicleEF	MCY	3.14	2.77
tblVehicleEF	MCY	1.27	1.11
tblVehicleEF	MCY	2.13	1.77
tblVehicleEF	MCY	2.67	2.81
tblVehicleEF	MCY	0.49	1.88
tblVehicleEF	MCY	2.02	1.76

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tblVehicleEF	MCY	0.42	0.34
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	19.63	18.76
tblVehicleEF	MCY	9.55	8.44
tblVehicleEF	MCY	167.73	211.17
tblVehicleEF	MCY	46.45	60.38
tblVehicleEF	MCY	1.12	1.09
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	1.8610e-003	1.9650e-003
tblVehicleEF	MCY	3.6730e-003	2.9600e-003
tblVehicleEF	MCY	1.7420e-003	1.8380e-003
tblVehicleEF	MCY	3.4650e-003	2.7870e-003
tblVehicleEF	MCY	1.71	1.57
tblVehicleEF	MCY	1.13	1.06
tblVehicleEF	MCY	0.72	0.74
tblVehicleEF	MCY	2.19	2.31
tblVehicleEF	MCY	0.56	2.18
tblVehicleEF	MCY	2.08	1.81
tblVehicleEF	MCY	2.0610e-003	2.0900e-003
tblVehicleEF	MCY	6.8200e-004	5.9800e-004
tblVehicleEF	MCY	1.71	1.57
tblVehicleEF	MCY	1.13	1.06
tblVehicleEF	MCY	0.72	0.74
tblVehicleEF	MCY	2.69	2.84
tblVehicleEF	MCY	0.56	2.18
tblVehicleEF	MCY	2.27	1.98
tblVehicleEF	MDV	0.01	5.5200e-003

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tblVehicleEF	MDV	0.02	0.09
tblVehicleEF	MDV	1.35	1.14
tblVehicleEF	MDV	3.25	3.25
tblVehicleEF	MDV	483.94	415.10
tblVehicleEF	MDV	107.92	87.32
tblVehicleEF	MDV	0.17	0.11
tblVehicleEF	MDV	0.32	0.38
tblVehicleEF	MDV	1.8260e-003	1.6850e-003
tblVehicleEF	MDV	2.5170e-003	2.0310e-003
tblVehicleEF	MDV	1.6830e-003	1.5540e-003
tblVehicleEF	MDV	2.3150e-003	1.8680e-003
tblVehicleEF	MDV	0.10	0.11
tblVehicleEF	MDV	0.20	0.17
tblVehicleEF	MDV	0.08	0.10
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.50
tblVehicleEF	MDV	0.25	0.44
tblVehicleEF	MDV	4.8500e-003	4.0780e-003
tblVehicleEF	MDV	1.1370e-003	8.5900e-004
tblVehicleEF	MDV	0.10	0.11
tblVehicleEF	MDV	0.20	0.17
tblVehicleEF	MDV	0.08	0.10
tblVehicleEF	MDV	0.05	0.03
tblVehicleEF	MDV	0.11	0.50
tblVehicleEF	MDV	0.28	0.48
tblVehicleEF	MDV	0.01	6.2110e-003
tblVehicleEF	MDV	0.02	0.08

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tblVehicleEF	MDV	1.64	1.35
tblVehicleEF	MDV	2.69	2.72
tblVehicleEF	MDV	526.85	438.45
tblVehicleEF	MDV	107.92	86.27
tblVehicleEF	MDV	0.16	0.10
tblVehicleEF	MDV	0.30	0.35
tblVehicleEF	MDV	1.8260e-003	1.6850e-003
tblVehicleEF	MDV	2.5170e-003	2.0310e-003
tblVehicleEF	MDV	1.6830e-003	1.5540e-003
tblVehicleEF	MDV	2.3150e-003	1.8680e-003
tblVehicleEF	MDV	0.20	0.21
tblVehicleEF	MDV	0.23	0.19
tblVehicleEF	MDV	0.17	0.19
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.11	0.49
tblVehicleEF	MDV	0.21	0.38
tblVehicleEF	MDV	5.2830e-003	4.3080e-003
tblVehicleEF	MDV	1.1260e-003	8.4800e-004
tblVehicleEF	MDV	0.20	0.21
tblVehicleEF	MDV	0.23	0.19
tblVehicleEF	MDV	0.17	0.19
tblVehicleEF	MDV	0.05	0.04
tblVehicleEF	MDV	0.11	0.49
tblVehicleEF	MDV	0.23	0.41
tblVehicleEF	MDV	0.01	5.4050e-003
tblVehicleEF	MDV	0.02	0.09
tblVehicleEF	MDV	1.28	1.09

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tblVehicleEF	MDV	3.20	3.26
tblVehicleEF	MDV	473.93	410.75
tblVehicleEF	MDV	107.92	87.35
tblVehicleEF	MDV	0.16	0.10
tblVehicleEF	MDV	0.32	0.38
tblVehicleEF	MDV	1.8260e-003	1.6850e-003
tblVehicleEF	MDV	2.5170e-003	2.0310e-003
tblVehicleEF	MDV	1.6830e-003	1.5540e-003
tblVehicleEF	MDV	2.3150e-003	1.8680e-003
tblVehicleEF	MDV	0.10	0.11
tblVehicleEF	MDV	0.22	0.18
tblVehicleEF	MDV	0.08	0.10
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.13	0.57
tblVehicleEF	MDV	0.25	0.44
tblVehicleEF	MDV	4.7490e-003	4.0360e-003
tblVehicleEF	MDV	1.1360e-003	8.5900e-004
tblVehicleEF	MDV	0.10	0.11
tblVehicleEF	MDV	0.22	0.18
tblVehicleEF	MDV	0.08	0.10
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.13	0.57
tblVehicleEF	MDV	0.27	0.48
tblVehicleEF	MH	0.04	3.6580e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	3.07	0.35
tblVehicleEF	MH	6.43	0.00

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tblVehicleEF	MH	1,045.05	970.21
tblVehicleEF	MH	59.49	0.00
tblVehicleEF	MH	1.54	4.24
tblVehicleEF	MH	0.91	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.11
tblVehicleEF	MH	1.1740e-003	0.00
tblVehicleEF	MH	3.2230e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.11
tblVehicleEF	MH	1.0790e-003	0.00
tblVehicleEF	MH	1.47	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.51	0.00
tblVehicleEF	MH	0.10	0.08
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.37	0.00
tblVehicleEF	MH	0.01	9.1720e-003
tblVehicleEF	MH	7.0700e-004	0.00
tblVehicleEF	MH	1.47	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.51	0.00
tblVehicleEF	MH	0.14	0.09
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.40	0.00
tblVehicleEF	MH	0.04	3.6580e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	3.19	0.35

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tblVehicleEF	MH	5.84	0.00
tblVehicleEF	MH	1,045.05	970.21
tblVehicleEF	MH	59.49	0.00
tblVehicleEF	MH	1.41	4.00
tblVehicleEF	MH	0.86	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.11
tblVehicleEF	MH	1.1740e-003	0.00
tblVehicleEF	MH	3.2230e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.11
tblVehicleEF	MH	1.0790e-003	0.00
tblVehicleEF	MH	2.91	0.00
tblVehicleEF	MH	0.11	0.00
tblVehicleEF	MH	1.21	0.00
tblVehicleEF	MH	0.11	0.08
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.34	0.00
tblVehicleEF	MH	0.01	9.1720e-003
tblVehicleEF	MH	6.9700e-004	0.00
tblVehicleEF	MH	2.91	0.00
tblVehicleEF	MH	0.11	0.00
tblVehicleEF	MH	1.21	0.00
tblVehicleEF	MH	0.15	0.09
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.04	3.6580e-003
tblVehicleEF	MH	0.03	0.00

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tblVehicleEF	MH	3.08	0.35
tblVehicleEF	MH	6.36	0.00
tblVehicleEF	MH	1,045.05	970.21
tblVehicleEF	MH	59.49	0.00
tblVehicleEF	MH	1.51	4.17
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.11
tblVehicleEF	MH	1.1740e-003	0.00
tblVehicleEF	MH	3.2230e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.11
tblVehicleEF	MH	1.0790e-003	0.00
tblVehicleEF	MH	1.75	0.00
tblVehicleEF	MH	0.11	0.00
tblVehicleEF	MH	0.53	0.00
tblVehicleEF	MH	0.10	0.08
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.37	0.00
tblVehicleEF	MH	0.01	9.1720e-003
tblVehicleEF	MH	7.0600e-004	0.00
tblVehicleEF	MH	1.75	0.00
tblVehicleEF	MH	0.11	0.00
tblVehicleEF	MH	0.53	0.00
tblVehicleEF	MH	0.15	0.09
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.40	0.00
tblVehicleEF	MHD	0.02	2.5070e-003

Bridge Point (Crushing - Mitigated) - San Bernardino-South Coast County, Annual

tblVehicleEF	MHD	3.5160e-003	3.3210e-003
tblVehicleEF	MHD	0.05	6.4670e-003
tblVehicleEF	MHD	0.32	0.31
tblVehicleEF	MHD	0.27	0.32
tblVehicleEF	MHD	5.32	0.74
tblVehicleEF	MHD	156.91	68.92
tblVehicleEF	MHD	1,101.52	974.57
tblVehicleEF	MHD	52.43	6.35
tblVehicleEF	MHD	0.60	0.52
tblVehicleEF	MHD	0.99	1.61
tblVehicleEF	MHD	11.88	1.50
tblVehicleEF	MHD	3.8600e-004	1.2310e-003
tblVehicleEF	MHD	5.0030e-003	0.04
tblVehicleEF	MHD	7.6400e-004	7.5000e-005
tblVehicleEF	MHD	3.6900e-004	1.1780e-003
tblVehicleEF	MHD	4.7830e-003	0.03
tblVehicleEF	MHD	7.0300e-004	6.9000e-005
tblVehicleEF	MHD	1.2800e-003	4.5300e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	6.5100e-004	2.4000e-004
tblVehicleEF	MHD	0.04	0.06
tblVehicleEF	MHD	0.02	0.08
tblVehicleEF	MHD	0.32	0.03
tblVehicleEF	MHD	1.5080e-003	6.5300e-004
tblVehicleEF	MHD	0.01	9.2620e-003
tblVehicleEF	MHD	6.1700e-004	6.3000e-005

Bridge Point (Crushing - Mitigated) - San Bernardino-South Coast County, Annual

tblVehicleEF	MHD	1.2800e-003	4.5300e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	6.5100e-004	2.4000e-004
tblVehicleEF	MHD	0.04	0.07
tblVehicleEF	MHD	0.02	0.08
tblVehicleEF	MHD	0.35	0.04
tblVehicleEF	MHD	0.02	2.3860e-003
tblVehicleEF	MHD	3.5800e-003	3.3450e-003
tblVehicleEF	MHD	0.05	6.2100e-003
tblVehicleEF	MHD	0.24	0.26
tblVehicleEF	MHD	0.28	0.33
tblVehicleEF	MHD	4.97	0.70
tblVehicleEF	MHD	166.20	69.59
tblVehicleEF	MHD	1,101.52	974.58
tblVehicleEF	MHD	52.43	6.28
tblVehicleEF	MHD	0.62	0.52
tblVehicleEF	MHD	0.92	1.52
tblVehicleEF	MHD	11.85	1.49
tblVehicleEF	MHD	3.2500e-004	1.0410e-003
tblVehicleEF	MHD	5.0030e-003	0.04
tblVehicleEF	MHD	7.6400e-004	7.5000e-005
tblVehicleEF	MHD	3.1100e-004	9.9600e-004
tblVehicleEF	MHD	4.7830e-003	0.03
tblVehicleEF	MHD	7.0300e-004	6.9000e-005
tblVehicleEF	MHD	2.5300e-003	8.2800e-004
tblVehicleEF	MHD	0.05	0.02

Bridge Point (Crushing - Mitigated) - San Bernardino-South Coast County, Annual

tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.5010e-003	4.7800e-004
tblVehicleEF	MHD	0.04	0.06
tblVehicleEF	MHD	0.02	0.08
tblVehicleEF	MHD	0.30	0.03
tblVehicleEF	MHD	1.5950e-003	6.5900e-004
tblVehicleEF	MHD	0.01	9.2620e-003
tblVehicleEF	MHD	6.1100e-004	6.2000e-005
tblVehicleEF	MHD	2.5300e-003	8.2800e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	1.5010e-003	4.7800e-004
tblVehicleEF	MHD	0.04	0.07
tblVehicleEF	MHD	0.02	0.08
tblVehicleEF	MHD	0.33	0.04
tblVehicleEF	MHD	0.02	2.6830e-003
tblVehicleEF	MHD	3.5220e-003	3.3210e-003
tblVehicleEF	MHD	0.05	6.4200e-003
tblVehicleEF	MHD	0.45	0.37
tblVehicleEF	MHD	0.27	0.32
tblVehicleEF	MHD	5.23	0.74
tblVehicleEF	MHD	144.06	68.00
tblVehicleEF	MHD	1,101.52	974.57
tblVehicleEF	MHD	52.43	6.34
tblVehicleEF	MHD	0.57	0.52
tblVehicleEF	MHD	0.97	1.59
tblVehicleEF	MHD	11.87	1.50

Bridge Point (Crushing - Mitigated) - San Bernardino-South Coast County, Annual

tblVehicleEF	MHD	4.7000e-004	1.4940e-003
tblVehicleEF	MHD	5.0030e-003	0.04
tblVehicleEF	MHD	7.6400e-004	7.5000e-005
tblVehicleEF	MHD	4.4900e-004	1.4300e-003
tblVehicleEF	MHD	4.7830e-003	0.03
tblVehicleEF	MHD	7.0300e-004	6.9000e-005
tblVehicleEF	MHD	1.3890e-003	4.7100e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	6.4000e-004	2.4400e-004
tblVehicleEF	MHD	0.04	0.06
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.32	0.03
tblVehicleEF	MHD	1.3860e-003	6.4400e-004
tblVehicleEF	MHD	0.01	9.2620e-003
tblVehicleEF	MHD	6.1600e-004	6.3000e-005
tblVehicleEF	MHD	1.3890e-003	4.7100e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	6.4000e-004	2.4400e-004
tblVehicleEF	MHD	0.04	0.07
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.35	0.04
tblVehicleEF	OBUS	0.01	8.8190e-003
tblVehicleEF	OBUS	9.9110e-003	6.5960e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.26	0.52

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tblVehicleEF	OBUS	0.63	0.77
tblVehicleEF	OBUS	6.27	2.45
tblVehicleEF	OBUS	70.35	76.06
tblVehicleEF	OBUS	1,121.50	1,406.90
tblVehicleEF	OBUS	70.70	20.49
tblVehicleEF	OBUS	0.28	0.34
tblVehicleEF	OBUS	0.97	1.24
tblVehicleEF	OBUS	1.93	0.68
tblVehicleEF	OBUS	6.4000e-005	5.8900e-004
tblVehicleEF	OBUS	4.6440e-003	0.01
tblVehicleEF	OBUS	9.2900e-004	2.1800e-004
tblVehicleEF	OBUS	6.1000e-005	5.6400e-004
tblVehicleEF	OBUS	4.4220e-003	0.01
tblVehicleEF	OBUS	8.5400e-004	2.0100e-004
tblVehicleEF	OBUS	2.1800e-003	2.6020e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	9.3100e-004	1.1160e-003
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	0.05	0.29
tblVehicleEF	OBUS	0.38	0.12
tblVehicleEF	OBUS	6.8400e-004	7.2500e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.1700e-004	2.0300e-004
tblVehicleEF	OBUS	2.1800e-003	2.6020e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.07

Bridge Point (Crushing - Mitigated) - San Bernardino-South Coast County, Annual

tblVehicleEF	OBUS	9.3100e-004	1.1160e-003
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	0.05	0.29
tblVehicleEF	OBUS	0.42	0.13
tblVehicleEF	OBUS	0.01	8.8750e-003
tblVehicleEF	OBUS	0.01	6.7350e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.26	0.51
tblVehicleEF	OBUS	0.65	0.79
tblVehicleEF	OBUS	5.74	2.28
tblVehicleEF	OBUS	73.50	75.90
tblVehicleEF	OBUS	1,121.50	1,406.93
tblVehicleEF	OBUS	70.70	20.20
tblVehicleEF	OBUS	0.29	0.34
tblVehicleEF	OBUS	0.90	1.16
tblVehicleEF	OBUS	1.88	0.67
tblVehicleEF	OBUS	5.4000e-005	5.0100e-004
tblVehicleEF	OBUS	4.6440e-003	0.01
tblVehicleEF	OBUS	9.2900e-004	2.1800e-004
tblVehicleEF	OBUS	5.1000e-005	4.7900e-004
tblVehicleEF	OBUS	4.4220e-003	0.01
tblVehicleEF	OBUS	8.5400e-004	2.0100e-004
tblVehicleEF	OBUS	4.2350e-003	4.6860e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	2.1330e-003	2.2090e-003
tblVehicleEF	OBUS	0.05	0.05

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tblVehicleEF	OBUS	0.05	0.29
tblVehicleEF	OBUS	0.36	0.11
tblVehicleEF	OBUS	7.1400e-004	7.2400e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.0800e-004	2.0000e-004
tblVehicleEF	OBUS	4.2350e-003	4.6860e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	2.1330e-003	2.2090e-003
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	0.05	0.29
tblVehicleEF	OBUS	0.40	0.12
tblVehicleEF	OBUS	0.01	8.7740e-003
tblVehicleEF	OBUS	9.9380e-003	6.6000e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.28	0.53
tblVehicleEF	OBUS	0.63	0.77
tblVehicleEF	OBUS	6.22	2.45
tblVehicleEF	OBUS	66.00	76.30
tblVehicleEF	OBUS	1,121.50	1,406.90
tblVehicleEF	OBUS	70.70	20.50
tblVehicleEF	OBUS	0.27	0.35
tblVehicleEF	OBUS	0.96	1.22
tblVehicleEF	OBUS	1.91	0.68
tblVehicleEF	OBUS	7.7000e-005	7.1200e-004
tblVehicleEF	OBUS	4.6440e-003	0.01
tblVehicleEF	OBUS	9.2900e-004	2.1800e-004

Bridge Point (Crushing - Mitigated) - San Bernardino-South Coast County, Annual

tblVehicleEF	OBUS	7.4000e-005	6.8100e-004
tblVehicleEF	OBUS	4.4220e-003	0.01
tblVehicleEF	OBUS	8.5400e-004	2.0100e-004
tblVehicleEF	OBUS	2.3200e-003	2.7390e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	9.4100e-004	1.1650e-003
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	0.05	0.30
tblVehicleEF	OBUS	0.38	0.12
tblVehicleEF	OBUS	6.4200e-004	7.2700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.1600e-004	2.0300e-004
tblVehicleEF	OBUS	2.3200e-003	2.7390e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	9.4100e-004	1.1650e-003
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	0.05	0.30
tblVehicleEF	OBUS	0.42	0.13
tblVehicleEF	SBUS	0.84	0.06
tblVehicleEF	SBUS	0.01	8.5840e-003
tblVehicleEF	SBUS	0.07	6.1570e-003
tblVehicleEF	SBUS	5.71	2.50
tblVehicleEF	SBUS	0.65	0.78
tblVehicleEF	SBUS	5.33	0.82
tblVehicleEF	SBUS	1,258.13	345.06

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tblVehicleEF	SBUS	1,136.31	1,112.17
tblVehicleEF	SBUS	37.11	4.79
tblVehicleEF	SBUS	11.70	3.29
tblVehicleEF	SBUS	4.77	5.20
tblVehicleEF	SBUS	15.02	0.91
tblVehicleEF	SBUS	0.01	4.3580e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	5.1700e-004	4.0000e-005
tblVehicleEF	SBUS	0.01	4.1690e-003
tblVehicleEF	SBUS	2.7560e-003	2.7010e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	4.7500e-004	3.6000e-005
tblVehicleEF	SBUS	2.9260e-003	1.2420e-003
tblVehicleEF	SBUS	0.02	9.5120e-003
tblVehicleEF	SBUS	0.68	0.28
tblVehicleEF	SBUS	1.3050e-003	5.9000e-004
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	9.3510e-003	0.06
tblVehicleEF	SBUS	0.27	0.04
tblVehicleEF	SBUS	0.01	3.2890e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	4.6300e-004	4.7000e-005
tblVehicleEF	SBUS	2.9260e-003	1.2420e-003
tblVehicleEF	SBUS	0.02	9.5120e-003
tblVehicleEF	SBUS	0.97	0.40
tblVehicleEF	SBUS	1.3050e-003	5.9000e-004

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tblVehicleEF	SBUS	0.13	0.13
tblVehicleEF	SBUS	9.3510e-003	0.06
tblVehicleEF	SBUS	0.30	0.04
tblVehicleEF	SBUS	0.84	0.06
tblVehicleEF	SBUS	0.01	8.7140e-003
tblVehicleEF	SBUS	0.06	5.1550e-003
tblVehicleEF	SBUS	5.56	2.47
tblVehicleEF	SBUS	0.66	0.80
tblVehicleEF	SBUS	3.65	0.60
tblVehicleEF	SBUS	1,322.00	352.98
tblVehicleEF	SBUS	1,136.31	1,112.20
tblVehicleEF	SBUS	37.11	4.41
tblVehicleEF	SBUS	12.08	3.36
tblVehicleEF	SBUS	4.47	4.88
tblVehicleEF	SBUS	14.99	0.90
tblVehicleEF	SBUS	0.01	3.6810e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	5.1700e-004	4.0000e-005
tblVehicleEF	SBUS	9.6490e-003	3.5220e-003
tblVehicleEF	SBUS	2.7560e-003	2.7010e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	4.7500e-004	3.6000e-005
tblVehicleEF	SBUS	5.6170e-003	2.2080e-003
tblVehicleEF	SBUS	0.02	9.9850e-003
tblVehicleEF	SBUS	0.67	0.28
tblVehicleEF	SBUS	2.8800e-003	1.1130e-003

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tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	8.5310e-003	0.06
tblVehicleEF	SBUS	0.22	0.03
tblVehicleEF	SBUS	0.01	3.3630e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	4.3500e-004	4.4000e-005
tblVehicleEF	SBUS	5.6170e-003	2.2080e-003
tblVehicleEF	SBUS	0.02	9.9850e-003
tblVehicleEF	SBUS	0.97	0.40
tblVehicleEF	SBUS	2.8800e-003	1.1130e-003
tblVehicleEF	SBUS	0.13	0.13
tblVehicleEF	SBUS	8.5310e-003	0.06
tblVehicleEF	SBUS	0.24	0.03
tblVehicleEF	SBUS	0.84	0.06
tblVehicleEF	SBUS	0.01	8.5760e-003
tblVehicleEF	SBUS	0.07	6.3440e-003
tblVehicleEF	SBUS	5.91	2.56
tblVehicleEF	SBUS	0.65	0.78
tblVehicleEF	SBUS	5.37	0.86
tblVehicleEF	SBUS	1,169.92	334.13
tblVehicleEF	SBUS	1,136.31	1,112.17
tblVehicleEF	SBUS	37.11	4.85
tblVehicleEF	SBUS	11.19	3.19
tblVehicleEF	SBUS	4.69	5.12
tblVehicleEF	SBUS	15.02	0.91
tblVehicleEF	SBUS	0.01	5.2920e-003
tblVehicleEF	SBUS	0.01	0.01

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tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	5.1700e-004	4.0000e-005
tblVehicleEF	SBUS	0.01	5.0630e-003
tblVehicleEF	SBUS	2.7560e-003	2.7010e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	4.7500e-004	3.6000e-005
tblVehicleEF	SBUS	2.9580e-003	1.2070e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.68	0.28
tblVehicleEF	SBUS	1.2820e-003	6.0100e-004
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	0.01	0.08
tblVehicleEF	SBUS	0.28	0.04
tblVehicleEF	SBUS	0.01	3.1850e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	4.6400e-004	4.8000e-005
tblVehicleEF	SBUS	2.9580e-003	1.2070e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.98	0.40
tblVehicleEF	SBUS	1.2820e-003	6.0100e-004
tblVehicleEF	SBUS	0.13	0.13
tblVehicleEF	SBUS	0.01	0.08
tblVehicleEF	SBUS	0.31	0.04
tblVehicleEF	UBUS	1.83	4.45
tblVehicleEF	UBUS	0.08	0.01
tblVehicleEF	UBUS	9.26	34.75
tblVehicleEF	UBUS	14.34	0.89

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tblVehicleEF	UBUS	1,846.39	1,692.13
tblVehicleEF	UBUS	136.37	11.77
tblVehicleEF	UBUS	5.87	0.38
tblVehicleEF	UBUS	13.57	0.14
tblVehicleEF	UBUS	0.52	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.07	2.6550e-003
tblVehicleEF	UBUS	1.4030e-003	1.4100e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	6.6220e-003
tblVehicleEF	UBUS	0.06	2.5280e-003
tblVehicleEF	UBUS	1.2900e-003	1.3000e-004
tblVehicleEF	UBUS	8.0860e-003	1.6780e-003
tblVehicleEF	UBUS	0.11	9.5390e-003
tblVehicleEF	UBUS	3.9450e-003	7.3700e-004
tblVehicleEF	UBUS	0.61	0.07
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	1.15	0.04
tblVehicleEF	UBUS	0.01	3.0250e-003
tblVehicleEF	UBUS	1.6240e-003	1.1700e-004
tblVehicleEF	UBUS	8.0860e-003	1.6780e-003
tblVehicleEF	UBUS	0.11	9.5390e-003
tblVehicleEF	UBUS	3.9450e-003	7.3700e-004
tblVehicleEF	UBUS	2.50	4.54
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	1.25	0.04
tblVehicleEF	UBUS	1.83	4.45

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tblVehicleEF	UBUS	0.08	9.2350e-003
tblVehicleEF	UBUS	9.36	34.75
tblVehicleEF	UBUS	11.74	0.76
tblVehicleEF	UBUS	1,846.39	1,692.13
tblVehicleEF	UBUS	136.37	11.55
tblVehicleEF	UBUS	5.45	0.38
tblVehicleEF	UBUS	13.45	0.13
tblVehicleEF	UBUS	0.52	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.07	2.6550e-003
tblVehicleEF	UBUS	1.4030e-003	1.4100e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	6.6220e-003
tblVehicleEF	UBUS	0.06	2.5280e-003
tblVehicleEF	UBUS	1.2900e-003	1.3000e-004
tblVehicleEF	UBUS	0.02	3.0610e-003
tblVehicleEF	UBUS	0.14	0.01
tblVehicleEF	UBUS	9.3320e-003	1.4840e-003
tblVehicleEF	UBUS	0.62	0.07
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	1.02	0.03
tblVehicleEF	UBUS	0.01	3.0250e-003
tblVehicleEF	UBUS	1.5790e-003	1.1400e-004
tblVehicleEF	UBUS	0.02	3.0610e-003
tblVehicleEF	UBUS	0.14	0.01
tblVehicleEF	UBUS	9.3320e-003	1.4840e-003
tblVehicleEF	UBUS	2.52	4.54

Bridge Point (Crushing - Mitigated) - San Bernardino-South Coast County, Annual

tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	1.12	0.04
tblVehicleEF	UBUS	1.83	4.45
tblVehicleEF	UBUS	0.08	0.01
tblVehicleEF	UBUS	9.27	34.75
tblVehicleEF	UBUS	13.86	0.90
tblVehicleEF	UBUS	1,846.39	1,692.13
tblVehicleEF	UBUS	136.37	11.80
tblVehicleEF	UBUS	5.76	0.38
tblVehicleEF	UBUS	13.55	0.14
tblVehicleEF	UBUS	0.52	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.07	2.6550e-003
tblVehicleEF	UBUS	1.4030e-003	1.4100e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	6.6220e-003
tblVehicleEF	UBUS	0.06	2.5280e-003
tblVehicleEF	UBUS	1.2900e-003	1.3000e-004
tblVehicleEF	UBUS	9.2250e-003	1.6870e-003
tblVehicleEF	UBUS	0.14	0.01
tblVehicleEF	UBUS	4.1190e-003	7.4500e-004
tblVehicleEF	UBUS	0.61	0.07
tblVehicleEF	UBUS	0.03	0.05
tblVehicleEF	UBUS	1.13	0.04
tblVehicleEF	UBUS	0.01	3.0250e-003
tblVehicleEF	UBUS	1.6160e-003	1.1700e-004
tblVehicleEF	UBUS	9.2250e-003	1.6870e-003

Bridge Point (Crushing - Mitigated) - San Bernardino-South Coast County, Annual

tblVehicleEF	UBUS	0.14	0.01
tblVehicleEF	UBUS	4.1190e-003	7.4500e-004
tblVehicleEF	UBUS	2.50	4.54
tblVehicleEF	UBUS	0.03	0.05
tblVehicleEF	UBUS	1.24	0.04

2.0 Emissions Summary

Bridge Point (Crushing - Mitigated) - San Bernardino-South Coast County, Annual

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.2050	3.1423	0.9878	4.6600e-003	1.4722	0.0652	1.5375	0.2229	0.0652	0.2881	0.0000	480.4272	480.4272	0.0161	0.0000	480.8287
Maximum	0.2050	3.1423	0.9878	4.6600e-003	1.4722	0.0652	1.5375	0.2229	0.0652	0.2881	0.0000	480.4272	480.4272	0.0161	0.0000	480.8287

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.0559	2.0874	2.4229	4.6600e-003	0.5742	0.0149	0.5891	0.0869	0.0149	0.1018	0.0000	480.4266	480.4266	0.0161	0.0000	480.8282
Maximum	0.0559	2.0874	2.4229	4.6600e-003	0.5742	0.0149	0.5891	0.0869	0.0149	0.1018	0.0000	480.4266	480.4266	0.0161	0.0000	480.8282

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	72.73	33.57	-145.28	0.00	61.00	77.14	61.68	61.00	77.14	64.66	0.00	0.00	0.00	0.00	0.00	0.00

Bridge Point (Crushing - Mitigated) - San Bernardino-South Coast County, Annual

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	7-1-2021	9-30-2021	3.2348	2.0713
		Highest	3.2348	2.0713

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0342	0.0000	1.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.5000e-004	2.5000e-004	0.0000	0.0000	2.6000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0342	0.0000	1.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2.5000e-004	2.5000e-004	0.0000	0.0000	2.6000e-004

Bridge Point (Crushing - Mitigated) - San Bernardino-South Coast County, Annual

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0342	0.0000	1.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.5000e-004	2.5000e-004	0.0000	0.0000	2.6000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0342	0.0000	1.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2.5000e-004	2.5000e-004	0.0000	0.0000	2.6000e-004

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Crushing	Demolition	7/1/2021	10/4/2021	5	68	

Acres of Grading (Site Preparation Phase): 0

Bridge Point (Crushing - Mitigated) - San Bernardino-South Coast County, Annual

Acres of Grading (Grading Phase): 0

Acres of Paving: 10

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Crushing	Concrete/Industrial Saws	0	8.00	81	0.73
Crushing	Excavators	0	8.00	158	0.38
Crushing	Generator Sets	2	8.00	1050	0.74
Crushing	Rubber Tired Dozers	0	8.00	247	0.40

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Crushing	2	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Bridge Point (Crushing - Mitigated) - San Bernardino-South Coast County, Annual

3.2 Crushing - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.4722	0.0000	1.4722	0.2229	0.0000	0.2229	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2050	3.1423	0.9878	4.6600e-003		0.0652	0.0652		0.0652	0.0652	0.0000	480.4272	480.4272	0.0161	0.0000	480.8287
Total	0.2050	3.1423	0.9878	4.6600e-003	1.4722	0.0652	1.5375	0.2229	0.0652	0.2881	0.0000	480.4272	480.4272	0.0161	0.0000	480.8287

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Bridge Point (Crushing - Mitigated) - San Bernardino-South Coast County, Annual

3.2 Crushing - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.5742	0.0000	0.5742	0.0869	0.0000	0.0869	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0559	2.0874	2.4229	4.6600e-003		0.0149	0.0149		0.0149	0.0149	0.0000	480.4266	480.4266	0.0161	0.0000	480.8282
Total	0.0559	2.0874	2.4229	4.6600e-003	0.5742	0.0149	0.5891	0.0869	0.0149	0.1018	0.0000	480.4266	480.4266	0.0161	0.0000	480.8282

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

Bridge Point (Crushing - Mitigated) - San Bernardino-South Coast County, Annual

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.553113	0.036408	0.180286	0.116335	0.016165	0.005101	0.018218	0.063797	0.001357	0.001565	0.005903	0.000808	0.000944

Bridge Point (Crushing - Mitigated) - San Bernardino-South Coast County, Annual

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Bridge Point (Crushing - Mitigated) - San Bernardino-South Coast County, Annual

5.2 Energy by Land Use - Natural Gas

Unmitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Bridge Point (Crushing - Mitigated) - San Bernardino-South Coast County, Annual

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

Bridge Point (Crushing - Mitigated) - San Bernardino-South Coast County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0342	0.0000	1.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.5000e-004	2.5000e-004	0.0000	0.0000	2.6000e-004
Unmitigated	0.0342	0.0000	1.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.5000e-004	2.5000e-004	0.0000	0.0000	2.6000e-004

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	6.0600e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0282					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0000e-005	0.0000	1.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.5000e-004	2.5000e-004	0.0000	0.0000	2.6000e-004
Total	0.0342	0.0000	1.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.5000e-004	2.5000e-004	0.0000	0.0000	2.6000e-004

Bridge Point (Crushing - Mitigated) - San Bernardino-South Coast County, Annual

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	6.0600e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0282					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0000e-005	0.0000	1.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.5000e-004	2.5000e-004	0.0000	0.0000	2.6000e-004
Total	0.0342	0.0000	1.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.5000e-004	2.5000e-004	0.0000	0.0000	2.6000e-004

7.0 Water Detail

7.1 Mitigation Measures Water

Bridge Point (Crushing - Mitigated) - San Bernardino-South Coast County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Bridge Point (Crushing - Mitigated) - San Bernardino-South Coast County, Annual

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

Bridge Point (Crushing - Mitigated) - San Bernardino-South Coast County, Annual

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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Bridge Point (Crushing - Mitigated) - San Bernardino-South Coast County, Annual

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Bridge Point Rancho Cucamonga (Grading - Mitigated) - San Bernardino-South Coast County, Annual

Bridge Point Rancho Cucamonga (Grading - Mitigated)
San Bernardino-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	85.04	Acre	85.04	3,704,522.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	32
Climate Zone	10			Operational Year	2022
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	702.44	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Bridge Point Rancho Cucamonga (Grading - Mitigated) - San Bernardino-South Coast County, Annual

Project Characteristics -

Land Use - Total Project Area is 3,704,342.4 sf (85.04 acres)

Construction Phase - Construction Schedule based on information provided by the Project Applicant.

Off-road Equipment - Construction Equipment based on information provided by the Project Applicant.

Off-road Equipment - Construction Equipment based on information provided by the Project Applicant.

Trips and VMT - Vendor trips based on the total CalEEMod vendor trips for the entire Project and proportionally split between all phases of construction

Grading - It is anticipated that 10 acres will be disturbed per day.

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Construction Off-road Equipment Mitigation - Tier 4 engines for Crawler Tractors, Excavators, Graders, Rubber Tired Dozers, and Scrapers.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	222271	217582
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	155.00	68.00
tblGrading	AcresOfGrading	408.00	680.00
tblLandUse	LandUseSquareFeet	3,704,342.40	3,704,522.00

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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblTripsAndVMT	HaulingTripNumber	0.00	680.00
tblTripsAndVMT	VendorTripNumber	0.00	33.00
tblVehicleEF	HHD	1.21	0.03
tblVehicleEF	HHD	0.04	0.14
tblVehicleEF	HHD	0.10	0.00
tblVehicleEF	HHD	3.29	5.95
tblVehicleEF	HHD	0.57	0.67
tblVehicleEF	HHD	1.82	3.7880e-003
tblVehicleEF	HHD	6,933.41	1,124.17
tblVehicleEF	HHD	1,475.79	1,484.27
tblVehicleEF	HHD	5.54	0.03
tblVehicleEF	HHD	26.50	6.08
tblVehicleEF	HHD	2.50	3.42
tblVehicleEF	HHD	20.21	2.10
tblVehicleEF	HHD	9.7780e-003	3.6280e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.01	0.03
tblVehicleEF	HHD	5.1000e-005	1.0000e-006
tblVehicleEF	HHD	9.3550e-003	3.4710e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8810e-003	8.8310e-003

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tblVehicleEF	HHD	0.01	0.03
tblVehicleEF	HHD	4.7000e-005	1.0000e-006
tblVehicleEF	HHD	8.5000e-005	5.0000e-006
tblVehicleEF	HHD	3.1910e-003	1.6000e-004
tblVehicleEF	HHD	0.84	0.43
tblVehicleEF	HHD	5.2000e-005	3.0000e-006
tblVehicleEF	HHD	0.08	0.08
tblVehicleEF	HHD	2.1700e-004	7.9100e-004
tblVehicleEF	HHD	0.05	1.0000e-006
tblVehicleEF	HHD	0.07	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	8.6000e-005	0.00
tblVehicleEF	HHD	8.5000e-005	5.0000e-006
tblVehicleEF	HHD	3.1910e-003	1.6000e-004
tblVehicleEF	HHD	0.97	0.50
tblVehicleEF	HHD	5.2000e-005	3.0000e-006
tblVehicleEF	HHD	0.13	0.23
tblVehicleEF	HHD	2.1700e-004	7.9100e-004
tblVehicleEF	HHD	0.06	1.0000e-006
tblVehicleEF	HHD	1.14	0.03
tblVehicleEF	HHD	0.04	0.14
tblVehicleEF	HHD	0.09	0.00
tblVehicleEF	HHD	2.39	5.82
tblVehicleEF	HHD	0.57	0.67
tblVehicleEF	HHD	1.70	3.5770e-003
tblVehicleEF	HHD	7,345.18	1,121.04
tblVehicleEF	HHD	1,475.79	1,484.27

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tblVehicleEF	HHD	5.54	0.03
tblVehicleEF	HHD	27.35	5.90
tblVehicleEF	HHD	2.36	3.23
tblVehicleEF	HHD	20.20	2.10
tblVehicleEF	HHD	8.2750e-003	3.1750e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.01	0.03
tblVehicleEF	HHD	5.1000e-005	1.0000e-006
tblVehicleEF	HHD	7.9170e-003	3.0380e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8810e-003	8.8310e-003
tblVehicleEF	HHD	0.01	0.03
tblVehicleEF	HHD	4.7000e-005	1.0000e-006
tblVehicleEF	HHD	1.6800e-004	1.0000e-005
tblVehicleEF	HHD	3.5970e-003	1.8200e-004
tblVehicleEF	HHD	0.79	0.45
tblVehicleEF	HHD	1.1700e-004	7.0000e-006
tblVehicleEF	HHD	0.08	0.08
tblVehicleEF	HHD	2.2100e-004	8.1200e-004
tblVehicleEF	HHD	0.05	1.0000e-006
tblVehicleEF	HHD	0.07	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	8.4000e-005	0.00
tblVehicleEF	HHD	1.6800e-004	1.0000e-005
tblVehicleEF	HHD	3.5970e-003	1.8200e-004
tblVehicleEF	HHD	0.91	0.52

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tblVehicleEF	HHD	1.1700e-004	7.0000e-006
tblVehicleEF	HHD	0.13	0.23
tblVehicleEF	HHD	2.2100e-004	8.1200e-004
tblVehicleEF	HHD	0.06	1.0000e-006
tblVehicleEF	HHD	1.31	0.02
tblVehicleEF	HHD	0.04	3.3680e-003
tblVehicleEF	HHD	0.10	0.00
tblVehicleEF	HHD	4.53	5.98
tblVehicleEF	HHD	0.57	0.33
tblVehicleEF	HHD	1.79	3.7590e-003
tblVehicleEF	HHD	6,364.76	1,097.48
tblVehicleEF	HHD	1,475.79	1,393.36
tblVehicleEF	HHD	5.54	0.03
tblVehicleEF	HHD	25.32	6.13
tblVehicleEF	HHD	2.46	3.28
tblVehicleEF	HHD	20.20	2.10
tblVehicleEF	HHD	0.01	3.8650e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.03
tblVehicleEF	HHD	0.01	0.03
tblVehicleEF	HHD	5.1000e-005	1.0000e-006
tblVehicleEF	HHD	0.01	3.6980e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8810e-003	8.6000e-003
tblVehicleEF	HHD	0.01	0.03
tblVehicleEF	HHD	4.7000e-005	1.0000e-006
tblVehicleEF	HHD	8.5000e-005	5.0000e-006

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tblVehicleEF	HHD	3.4760e-003	1.8700e-004
tblVehicleEF	HHD	0.91	0.40
tblVehicleEF	HHD	5.2000e-005	3.0000e-006
tblVehicleEF	HHD	0.08	0.07
tblVehicleEF	HHD	2.3300e-004	8.2900e-004
tblVehicleEF	HHD	0.05	1.0000e-006
tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	8.5000e-005	0.00
tblVehicleEF	HHD	8.5000e-005	5.0000e-006
tblVehicleEF	HHD	3.4760e-003	1.8700e-004
tblVehicleEF	HHD	1.05	0.46
tblVehicleEF	HHD	5.2000e-005	3.0000e-006
tblVehicleEF	HHD	0.13	0.08
tblVehicleEF	HHD	2.3300e-004	8.2900e-004
tblVehicleEF	HHD	0.06	1.0000e-006
tblVehicleEF	LDA	4.2030e-003	2.5110e-003
tblVehicleEF	LDA	5.6230e-003	0.05
tblVehicleEF	LDA	0.57	0.67
tblVehicleEF	LDA	1.19	2.11
tblVehicleEF	LDA	251.29	265.15
tblVehicleEF	LDA	57.15	54.12
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.08	0.18
tblVehicleEF	LDA	1.6780e-003	1.5210e-003
tblVehicleEF	LDA	2.2790e-003	1.8570e-003
tblVehicleEF	LDA	1.5460e-003	1.4000e-003

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tblVehicleEF	LDA	2.0960e-003	1.7080e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.01	9.5370e-003
tblVehicleEF	LDA	0.03	0.21
tblVehicleEF	LDA	0.08	0.22
tblVehicleEF	LDA	2.5170e-003	2.6060e-003
tblVehicleEF	LDA	5.9200e-004	5.3200e-004
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.02	0.01
tblVehicleEF	LDA	0.03	0.21
tblVehicleEF	LDA	0.08	0.24
tblVehicleEF	LDA	4.7900e-003	2.8350e-003
tblVehicleEF	LDA	4.6890e-003	0.04
tblVehicleEF	LDA	0.71	0.81
tblVehicleEF	LDA	0.99	1.78
tblVehicleEF	LDA	274.94	287.11
tblVehicleEF	LDA	57.15	53.48
tblVehicleEF	LDA	0.05	0.03
tblVehicleEF	LDA	0.07	0.17
tblVehicleEF	LDA	1.6780e-003	1.5210e-003
tblVehicleEF	LDA	2.2790e-003	1.8570e-003
tblVehicleEF	LDA	1.5460e-003	1.4000e-003
tblVehicleEF	LDA	2.0960e-003	1.7080e-003

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tblVehicleEF	LDA	0.09	0.11
tblVehicleEF	LDA	0.12	0.11
tblVehicleEF	LDA	0.07	0.09
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.03	0.21
tblVehicleEF	LDA	0.06	0.19
tblVehicleEF	LDA	2.7550e-003	2.8220e-003
tblVehicleEF	LDA	5.8800e-004	5.2600e-004
tblVehicleEF	LDA	0.09	0.11
tblVehicleEF	LDA	0.12	0.11
tblVehicleEF	LDA	0.07	0.09
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.03	0.21
tblVehicleEF	LDA	0.07	0.21
tblVehicleEF	LDA	4.0860e-003	2.4590e-003
tblVehicleEF	LDA	5.5870e-003	0.05
tblVehicleEF	LDA	0.54	0.64
tblVehicleEF	LDA	1.18	2.12
tblVehicleEF	LDA	245.70	261.06
tblVehicleEF	LDA	57.15	54.13
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.08	0.18
tblVehicleEF	LDA	1.6780e-003	1.5210e-003
tblVehicleEF	LDA	2.2790e-003	1.8570e-003
tblVehicleEF	LDA	1.5460e-003	1.4000e-003
tblVehicleEF	LDA	2.0960e-003	1.7080e-003
tblVehicleEF	LDA	0.05	0.06

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tblVehicleEF	LDA	0.11	0.11
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.01	9.3400e-003
tblVehicleEF	LDA	0.04	0.24
tblVehicleEF	LDA	0.08	0.22
tblVehicleEF	LDA	2.4600e-003	2.5660e-003
tblVehicleEF	LDA	5.9100e-004	5.3200e-004
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.11	0.11
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.24
tblVehicleEF	LDA	0.08	0.24
tblVehicleEF	LDT1	0.01	7.5760e-003
tblVehicleEF	LDT1	0.02	0.08
tblVehicleEF	LDT1	1.54	1.52
tblVehicleEF	LDT1	3.61	2.39
tblVehicleEF	LDT1	313.68	314.63
tblVehicleEF	LDT1	70.93	65.70
tblVehicleEF	LDT1	0.16	0.13
tblVehicleEF	LDT1	0.22	0.30
tblVehicleEF	LDT1	2.7050e-003	2.3430e-003
tblVehicleEF	LDT1	3.6920e-003	2.8390e-003
tblVehicleEF	LDT1	2.4910e-003	2.1560e-003
tblVehicleEF	LDT1	3.3960e-003	2.6100e-003
tblVehicleEF	LDT1	0.18	0.19
tblVehicleEF	LDT1	0.33	0.26

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tblVehicleEF	LDT1	0.13	0.14
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.20	0.86
tblVehicleEF	LDT1	0.26	0.42
tblVehicleEF	LDT1	3.1570e-003	3.0930e-003
tblVehicleEF	LDT1	7.7300e-004	6.4600e-004
tblVehicleEF	LDT1	0.18	0.19
tblVehicleEF	LDT1	0.33	0.26
tblVehicleEF	LDT1	0.13	0.14
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.20	0.86
tblVehicleEF	LDT1	0.28	0.47
tblVehicleEF	LDT1	0.02	8.4640e-003
tblVehicleEF	LDT1	0.02	0.07
tblVehicleEF	LDT1	1.85	1.81
tblVehicleEF	LDT1	2.97	2.00
tblVehicleEF	LDT1	341.75	337.48
tblVehicleEF	LDT1	70.93	64.87
tblVehicleEF	LDT1	0.14	0.11
tblVehicleEF	LDT1	0.20	0.28
tblVehicleEF	LDT1	2.7050e-003	2.3430e-003
tblVehicleEF	LDT1	3.6920e-003	2.8390e-003
tblVehicleEF	LDT1	2.4910e-003	2.1560e-003
tblVehicleEF	LDT1	3.3960e-003	2.6100e-003
tblVehicleEF	LDT1	0.37	0.36
tblVehicleEF	LDT1	0.41	0.31
tblVehicleEF	LDT1	0.27	0.26

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tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.20	0.85
tblVehicleEF	LDT1	0.21	0.36
tblVehicleEF	LDT1	3.4420e-003	3.3180e-003
tblVehicleEF	LDT1	7.6200e-004	6.3800e-004
tblVehicleEF	LDT1	0.37	0.36
tblVehicleEF	LDT1	0.41	0.31
tblVehicleEF	LDT1	0.27	0.26
tblVehicleEF	LDT1	0.06	0.05
tblVehicleEF	LDT1	0.20	0.85
tblVehicleEF	LDT1	0.23	0.40
tblVehicleEF	LDT1	0.01	7.4310e-003
tblVehicleEF	LDT1	0.02	0.08
tblVehicleEF	LDT1	1.47	1.47
tblVehicleEF	LDT1	3.55	2.39
tblVehicleEF	LDT1	307.06	310.38
tblVehicleEF	LDT1	70.93	65.71
tblVehicleEF	LDT1	0.15	0.12
tblVehicleEF	LDT1	0.21	0.29
tblVehicleEF	LDT1	2.7050e-003	2.3430e-003
tblVehicleEF	LDT1	3.6920e-003	2.8390e-003
tblVehicleEF	LDT1	2.4910e-003	2.1560e-003
tblVehicleEF	LDT1	3.3960e-003	2.6100e-003
tblVehicleEF	LDT1	0.19	0.19
tblVehicleEF	LDT1	0.39	0.30
tblVehicleEF	LDT1	0.12	0.13
tblVehicleEF	LDT1	0.03	0.03

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tblVehicleEF	LDT1	0.23	1.00
tblVehicleEF	LDT1	0.25	0.43
tblVehicleEF	LDT1	3.0890e-003	3.0520e-003
tblVehicleEF	LDT1	7.7200e-004	6.4600e-004
tblVehicleEF	LDT1	0.19	0.19
tblVehicleEF	LDT1	0.39	0.30
tblVehicleEF	LDT1	0.12	0.13
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.23	1.00
tblVehicleEF	LDT1	0.28	0.47
tblVehicleEF	LDT2	6.3270e-003	4.4090e-003
tblVehicleEF	LDT2	8.1990e-003	0.07
tblVehicleEF	LDT2	0.80	1.00
tblVehicleEF	LDT2	1.67	2.71
tblVehicleEF	LDT2	351.15	335.59
tblVehicleEF	LDT2	79.39	70.25
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.14	0.30
tblVehicleEF	LDT2	1.7270e-003	1.6010e-003
tblVehicleEF	LDT2	2.4170e-003	1.9240e-003
tblVehicleEF	LDT2	1.5880e-003	1.4740e-003
tblVehicleEF	LDT2	2.2220e-003	1.7690e-003
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.13	0.14
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.45

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tblVehicleEF	LDT2	0.11	0.33
tblVehicleEF	LDT2	3.5180e-003	3.2990e-003
tblVehicleEF	LDT2	8.2200e-004	6.9100e-004
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.13	0.14
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.07	0.45
tblVehicleEF	LDT2	0.12	0.36
tblVehicleEF	LDT2	7.1840e-003	4.9540e-003
tblVehicleEF	LDT2	6.8290e-003	0.06
tblVehicleEF	LDT2	0.97	1.20
tblVehicleEF	LDT2	1.38	2.28
tblVehicleEF	LDT2	383.36	357.71
tblVehicleEF	LDT2	79.39	69.39
tblVehicleEF	LDT2	0.08	0.08
tblVehicleEF	LDT2	0.13	0.28
tblVehicleEF	LDT2	1.7270e-003	1.6010e-003
tblVehicleEF	LDT2	2.4170e-003	1.9240e-003
tblVehicleEF	LDT2	1.5880e-003	1.4740e-003
tblVehicleEF	LDT2	2.2220e-003	1.7690e-003
tblVehicleEF	LDT2	0.13	0.18
tblVehicleEF	LDT2	0.15	0.16
tblVehicleEF	LDT2	0.11	0.15
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.45
tblVehicleEF	LDT2	0.09	0.29

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tblVehicleEF	LDT2	3.8420e-003	3.5160e-003
tblVehicleEF	LDT2	8.1700e-004	6.8200e-004
tblVehicleEF	LDT2	0.13	0.18
tblVehicleEF	LDT2	0.15	0.16
tblVehicleEF	LDT2	0.11	0.15
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.07	0.45
tblVehicleEF	LDT2	0.10	0.31
tblVehicleEF	LDT2	6.1560e-003	4.3220e-003
tblVehicleEF	LDT2	8.1410e-003	0.07
tblVehicleEF	LDT2	0.75	0.96
tblVehicleEF	LDT2	1.64	2.72
tblVehicleEF	LDT2	343.55	331.47
tblVehicleEF	LDT2	79.39	70.27
tblVehicleEF	LDT2	0.08	0.08
tblVehicleEF	LDT2	0.14	0.30
tblVehicleEF	LDT2	1.7270e-003	1.6010e-003
tblVehicleEF	LDT2	2.4170e-003	1.9240e-003
tblVehicleEF	LDT2	1.5880e-003	1.4740e-003
tblVehicleEF	LDT2	2.2220e-003	1.7690e-003
tblVehicleEF	LDT2	0.06	0.09
tblVehicleEF	LDT2	0.14	0.16
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.08	0.52
tblVehicleEF	LDT2	0.11	0.33
tblVehicleEF	LDT2	3.4410e-003	3.2580e-003

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tblVehicleEF	LDT2	8.2200e-004	6.9100e-004
tblVehicleEF	LDT2	0.06	0.09
tblVehicleEF	LDT2	0.14	0.16
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.08	0.52
tblVehicleEF	LDT2	0.12	0.37
tblVehicleEF	LHD1	5.2170e-003	5.0850e-003
tblVehicleEF	LHD1	0.01	6.1020e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	1.07	0.75
tblVehicleEF	LHD1	2.60	1.03
tblVehicleEF	LHD1	9.23	9.25
tblVehicleEF	LHD1	609.20	652.45
tblVehicleEF	LHD1	30.40	11.21
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	2.12	1.25
tblVehicleEF	LHD1	0.99	0.32
tblVehicleEF	LHD1	9.6500e-004	8.9000e-004
tblVehicleEF	LHD1	0.01	9.8770e-003
tblVehicleEF	LHD1	0.01	9.8260e-003
tblVehicleEF	LHD1	9.5800e-004	2.6000e-004
tblVehicleEF	LHD1	9.2400e-004	8.5100e-004
tblVehicleEF	LHD1	2.5390e-003	2.4690e-003
tblVehicleEF	LHD1	0.01	9.3750e-003
tblVehicleEF	LHD1	8.8100e-004	2.3900e-004

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tblVehicleEF	LHD1	3.7070e-003	3.0390e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.8240e-003	1.5810e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.35	0.55
tblVehicleEF	LHD1	0.27	0.08
tblVehicleEF	LHD1	9.2000e-005	9.0000e-005
tblVehicleEF	LHD1	5.9760e-003	6.3570e-003
tblVehicleEF	LHD1	3.5300e-004	1.1100e-004
tblVehicleEF	LHD1	3.7070e-003	3.0390e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.8240e-003	1.5810e-003
tblVehicleEF	LHD1	0.10	0.08
tblVehicleEF	LHD1	0.35	0.55
tblVehicleEF	LHD1	0.29	0.09
tblVehicleEF	LHD1	5.2170e-003	5.0990e-003
tblVehicleEF	LHD1	0.01	6.2280e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	1.09	0.76
tblVehicleEF	LHD1	2.43	0.98
tblVehicleEF	LHD1	9.23	9.25
tblVehicleEF	LHD1	609.20	652.47
tblVehicleEF	LHD1	30.40	11.12
tblVehicleEF	LHD1	0.09	0.07

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tblVehicleEF	LHD1	1.98	1.17
tblVehicleEF	LHD1	0.94	0.31
tblVehicleEF	LHD1	9.6500e-004	8.9000e-004
tblVehicleEF	LHD1	0.01	9.8770e-003
tblVehicleEF	LHD1	0.01	9.8260e-003
tblVehicleEF	LHD1	9.5800e-004	2.6000e-004
tblVehicleEF	LHD1	9.2400e-004	8.5100e-004
tblVehicleEF	LHD1	2.5390e-003	2.4690e-003
tblVehicleEF	LHD1	0.01	9.3750e-003
tblVehicleEF	LHD1	8.8100e-004	2.3900e-004
tblVehicleEF	LHD1	7.3080e-003	5.4780e-003
tblVehicleEF	LHD1	0.13	0.10
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	4.1220e-003	3.0450e-003
tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	0.36	0.56
tblVehicleEF	LHD1	0.25	0.08
tblVehicleEF	LHD1	9.2000e-005	9.0000e-005
tblVehicleEF	LHD1	5.9770e-003	6.3570e-003
tblVehicleEF	LHD1	3.5000e-004	1.1000e-004
tblVehicleEF	LHD1	7.3080e-003	5.4780e-003
tblVehicleEF	LHD1	0.13	0.10
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	4.1220e-003	3.0450e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.36	0.56
tblVehicleEF	LHD1	0.28	0.08

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tblVehicleEF	LHD1	5.2170e-003	5.0870e-003
tblVehicleEF	LHD1	0.01	6.1100e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	1.07	0.75
tblVehicleEF	LHD1	2.55	1.02
tblVehicleEF	LHD1	9.23	9.25
tblVehicleEF	LHD1	609.20	652.45
tblVehicleEF	LHD1	30.40	11.20
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	2.08	1.23
tblVehicleEF	LHD1	0.97	0.31
tblVehicleEF	LHD1	9.6500e-004	8.9000e-004
tblVehicleEF	LHD1	0.01	9.8770e-003
tblVehicleEF	LHD1	0.01	9.8260e-003
tblVehicleEF	LHD1	9.5800e-004	2.6000e-004
tblVehicleEF	LHD1	9.2400e-004	8.5100e-004
tblVehicleEF	LHD1	2.5390e-003	2.4690e-003
tblVehicleEF	LHD1	0.01	9.3750e-003
tblVehicleEF	LHD1	8.8100e-004	2.3900e-004
tblVehicleEF	LHD1	4.0430e-003	3.1520e-003
tblVehicleEF	LHD1	0.13	0.10
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.7940e-003	1.6100e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.38	0.60
tblVehicleEF	LHD1	0.26	0.08

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tblVehicleEF	LHD1	9.2000e-005	9.0000e-005
tblVehicleEF	LHD1	5.9760e-003	6.3570e-003
tblVehicleEF	LHD1	3.5200e-004	1.1100e-004
tblVehicleEF	LHD1	4.0430e-003	3.1520e-003
tblVehicleEF	LHD1	0.13	0.10
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.7940e-003	1.6100e-003
tblVehicleEF	LHD1	0.10	0.08
tblVehicleEF	LHD1	0.38	0.60
tblVehicleEF	LHD1	0.29	0.09
tblVehicleEF	LHD2	3.5950e-003	3.6950e-003
tblVehicleEF	LHD2	4.6110e-003	4.1040e-003
tblVehicleEF	LHD2	8.1370e-003	0.01
tblVehicleEF	LHD2	0.12	0.15
tblVehicleEF	LHD2	0.50	0.50
tblVehicleEF	LHD2	1.20	0.67
tblVehicleEF	LHD2	14.27	14.14
tblVehicleEF	LHD2	608.52	665.25
tblVehicleEF	LHD2	24.46	8.76
tblVehicleEF	LHD2	0.11	0.10
tblVehicleEF	LHD2	1.49	1.36
tblVehicleEF	LHD2	0.53	0.22
tblVehicleEF	LHD2	1.2830e-003	1.3100e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.0000e-004	1.3700e-004
tblVehicleEF	LHD2	1.2280e-003	1.2540e-003

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tblVehicleEF	LHD2	2.6860e-003	2.6560e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.6800e-004	1.2600e-004
tblVehicleEF	LHD2	1.3070e-003	1.7040e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	7.0300e-004	9.2000e-004
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.09	0.32
tblVehicleEF	LHD2	0.11	0.05
tblVehicleEF	LHD2	1.3900e-004	1.3500e-004
tblVehicleEF	LHD2	5.9200e-003	6.4300e-003
tblVehicleEF	LHD2	2.6700e-004	8.7000e-005
tblVehicleEF	LHD2	1.3070e-003	1.7040e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.0300e-004	9.2000e-004
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.09	0.32
tblVehicleEF	LHD2	0.12	0.06
tblVehicleEF	LHD2	3.5950e-003	3.7050e-003
tblVehicleEF	LHD2	4.6760e-003	4.1460e-003
tblVehicleEF	LHD2	7.7630e-003	0.01
tblVehicleEF	LHD2	0.12	0.15
tblVehicleEF	LHD2	0.50	0.50
tblVehicleEF	LHD2	1.13	0.64
tblVehicleEF	LHD2	14.27	14.14

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tblVehicleEF	LHD2	608.52	665.25
tblVehicleEF	LHD2	24.46	8.70
tblVehicleEF	LHD2	0.11	0.10
tblVehicleEF	LHD2	1.40	1.28
tblVehicleEF	LHD2	0.50	0.21
tblVehicleEF	LHD2	1.2830e-003	1.3100e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.0000e-004	1.3700e-004
tblVehicleEF	LHD2	1.2280e-003	1.2540e-003
tblVehicleEF	LHD2	2.6860e-003	2.6560e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.6800e-004	1.2600e-004
tblVehicleEF	LHD2	2.5220e-003	3.0730e-003
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.5220e-003	1.7630e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.09	0.32
tblVehicleEF	LHD2	0.10	0.05
tblVehicleEF	LHD2	1.3900e-004	1.3500e-004
tblVehicleEF	LHD2	5.9200e-003	6.4300e-003
tblVehicleEF	LHD2	2.6500e-004	8.6000e-005
tblVehicleEF	LHD2	2.5220e-003	3.0730e-003
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.5220e-003	1.7630e-003

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tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.09	0.32
tblVehicleEF	LHD2	0.11	0.05
tblVehicleEF	LHD2	3.5950e-003	3.6960e-003
tblVehicleEF	LHD2	4.6180e-003	4.1080e-003
tblVehicleEF	LHD2	8.0640e-003	0.01
tblVehicleEF	LHD2	0.12	0.15
tblVehicleEF	LHD2	0.50	0.50
tblVehicleEF	LHD2	1.19	0.67
tblVehicleEF	LHD2	14.27	14.14
tblVehicleEF	LHD2	608.52	665.25
tblVehicleEF	LHD2	24.46	8.75
tblVehicleEF	LHD2	0.11	0.10
tblVehicleEF	LHD2	1.46	1.33
tblVehicleEF	LHD2	0.52	0.22
tblVehicleEF	LHD2	1.2830e-003	1.3100e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.0000e-004	1.3700e-004
tblVehicleEF	LHD2	1.2280e-003	1.2540e-003
tblVehicleEF	LHD2	2.6860e-003	2.6560e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.6800e-004	1.2600e-004
tblVehicleEF	LHD2	1.3460e-003	1.7140e-003
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	6.8700e-004	9.2200e-004

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tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.10	0.34
tblVehicleEF	LHD2	0.11	0.05
tblVehicleEF	LHD2	1.3900e-004	1.3500e-004
tblVehicleEF	LHD2	5.9200e-003	6.4300e-003
tblVehicleEF	LHD2	2.6600e-004	8.7000e-005
tblVehicleEF	LHD2	1.3460e-003	1.7140e-003
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.8700e-004	9.2200e-004
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.10	0.34
tblVehicleEF	LHD2	0.12	0.06
tblVehicleEF	MCY	0.43	0.34
tblVehicleEF	MCY	0.16	0.24
tblVehicleEF	MCY	20.55	19.26
tblVehicleEF	MCY	9.93	8.60
tblVehicleEF	MCY	167.73	212.03
tblVehicleEF	MCY	46.45	60.73
tblVehicleEF	MCY	1.16	1.13
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	1.8610e-003	1.9650e-003
tblVehicleEF	MCY	3.6730e-003	2.9600e-003
tblVehicleEF	MCY	1.7420e-003	1.8380e-003
tblVehicleEF	MCY	3.4650e-003	2.7870e-003
tblVehicleEF	MCY	1.45	1.42
tblVehicleEF	MCY	0.84	0.80

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tblVehicleEF	MCY	0.80	0.78
tblVehicleEF	MCY	2.23	2.33
tblVehicleEF	MCY	0.49	1.91
tblVehicleEF	MCY	2.16	1.84
tblVehicleEF	MCY	2.0770e-003	2.0980e-003
tblVehicleEF	MCY	6.9000e-004	6.0100e-004
tblVehicleEF	MCY	1.45	1.42
tblVehicleEF	MCY	0.84	0.80
tblVehicleEF	MCY	0.80	0.78
tblVehicleEF	MCY	2.74	2.87
tblVehicleEF	MCY	0.49	1.91
tblVehicleEF	MCY	2.35	2.01
tblVehicleEF	MCY	0.42	0.34
tblVehicleEF	MCY	0.14	0.21
tblVehicleEF	MCY	20.68	19.28
tblVehicleEF	MCY	9.05	7.90
tblVehicleEF	MCY	167.73	211.90
tblVehicleEF	MCY	46.45	58.88
tblVehicleEF	MCY	0.99	0.97
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	1.8610e-003	1.9650e-003
tblVehicleEF	MCY	3.6730e-003	2.9600e-003
tblVehicleEF	MCY	1.7420e-003	1.8380e-003
tblVehicleEF	MCY	3.4650e-003	2.7870e-003
tblVehicleEF	MCY	3.14	2.77
tblVehicleEF	MCY	1.27	1.11
tblVehicleEF	MCY	2.13	1.77

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tblVehicleEF	MCY	2.17	2.28
tblVehicleEF	MCY	0.49	1.88
tblVehicleEF	MCY	1.86	1.62
tblVehicleEF	MCY	2.0770e-003	2.0970e-003
tblVehicleEF	MCY	6.6700e-004	5.8300e-004
tblVehicleEF	MCY	3.14	2.77
tblVehicleEF	MCY	1.27	1.11
tblVehicleEF	MCY	2.13	1.77
tblVehicleEF	MCY	2.67	2.81
tblVehicleEF	MCY	0.49	1.88
tblVehicleEF	MCY	2.02	1.76
tblVehicleEF	MCY	0.42	0.34
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	19.63	18.76
tblVehicleEF	MCY	9.55	8.44
tblVehicleEF	MCY	167.73	211.17
tblVehicleEF	MCY	46.45	60.38
tblVehicleEF	MCY	1.12	1.09
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	1.8610e-003	1.9650e-003
tblVehicleEF	MCY	3.6730e-003	2.9600e-003
tblVehicleEF	MCY	1.7420e-003	1.8380e-003
tblVehicleEF	MCY	3.4650e-003	2.7870e-003
tblVehicleEF	MCY	1.71	1.57
tblVehicleEF	MCY	1.13	1.06
tblVehicleEF	MCY	0.72	0.74
tblVehicleEF	MCY	2.19	2.31

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tblVehicleEF	MCY	0.56	2.18
tblVehicleEF	MCY	2.08	1.81
tblVehicleEF	MCY	2.0610e-003	2.0900e-003
tblVehicleEF	MCY	6.8200e-004	5.9800e-004
tblVehicleEF	MCY	1.71	1.57
tblVehicleEF	MCY	1.13	1.06
tblVehicleEF	MCY	0.72	0.74
tblVehicleEF	MCY	2.69	2.84
tblVehicleEF	MCY	0.56	2.18
tblVehicleEF	MCY	2.27	1.98
tblVehicleEF	MDV	0.01	5.5200e-003
tblVehicleEF	MDV	0.02	0.09
tblVehicleEF	MDV	1.35	1.14
tblVehicleEF	MDV	3.25	3.25
tblVehicleEF	MDV	483.94	415.10
tblVehicleEF	MDV	107.92	87.32
tblVehicleEF	MDV	0.17	0.11
tblVehicleEF	MDV	0.32	0.38
tblVehicleEF	MDV	1.8260e-003	1.6850e-003
tblVehicleEF	MDV	2.5170e-003	2.0310e-003
tblVehicleEF	MDV	1.6830e-003	1.5540e-003
tblVehicleEF	MDV	2.3150e-003	1.8680e-003
tblVehicleEF	MDV	0.10	0.11
tblVehicleEF	MDV	0.20	0.17
tblVehicleEF	MDV	0.08	0.10
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.50

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tblVehicleEF	MDV	0.25	0.44
tblVehicleEF	MDV	4.8500e-003	4.0780e-003
tblVehicleEF	MDV	1.1370e-003	8.5900e-004
tblVehicleEF	MDV	0.10	0.11
tblVehicleEF	MDV	0.20	0.17
tblVehicleEF	MDV	0.08	0.10
tblVehicleEF	MDV	0.05	0.03
tblVehicleEF	MDV	0.11	0.50
tblVehicleEF	MDV	0.28	0.48
tblVehicleEF	MDV	0.01	6.2110e-003
tblVehicleEF	MDV	0.02	0.08
tblVehicleEF	MDV	1.64	1.35
tblVehicleEF	MDV	2.69	2.72
tblVehicleEF	MDV	526.85	438.45
tblVehicleEF	MDV	107.92	86.27
tblVehicleEF	MDV	0.16	0.10
tblVehicleEF	MDV	0.30	0.35
tblVehicleEF	MDV	1.8260e-003	1.6850e-003
tblVehicleEF	MDV	2.5170e-003	2.0310e-003
tblVehicleEF	MDV	1.6830e-003	1.5540e-003
tblVehicleEF	MDV	2.3150e-003	1.8680e-003
tblVehicleEF	MDV	0.20	0.21
tblVehicleEF	MDV	0.23	0.19
tblVehicleEF	MDV	0.17	0.19
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.11	0.49
tblVehicleEF	MDV	0.21	0.38

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tblVehicleEF	MDV	5.2830e-003	4.3080e-003
tblVehicleEF	MDV	1.1260e-003	8.4800e-004
tblVehicleEF	MDV	0.20	0.21
tblVehicleEF	MDV	0.23	0.19
tblVehicleEF	MDV	0.17	0.19
tblVehicleEF	MDV	0.05	0.04
tblVehicleEF	MDV	0.11	0.49
tblVehicleEF	MDV	0.23	0.41
tblVehicleEF	MDV	0.01	5.4050e-003
tblVehicleEF	MDV	0.02	0.09
tblVehicleEF	MDV	1.28	1.09
tblVehicleEF	MDV	3.20	3.26
tblVehicleEF	MDV	473.93	410.75
tblVehicleEF	MDV	107.92	87.35
tblVehicleEF	MDV	0.16	0.10
tblVehicleEF	MDV	0.32	0.38
tblVehicleEF	MDV	1.8260e-003	1.6850e-003
tblVehicleEF	MDV	2.5170e-003	2.0310e-003
tblVehicleEF	MDV	1.6830e-003	1.5540e-003
tblVehicleEF	MDV	2.3150e-003	1.8680e-003
tblVehicleEF	MDV	0.10	0.11
tblVehicleEF	MDV	0.22	0.18
tblVehicleEF	MDV	0.08	0.10
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.13	0.57
tblVehicleEF	MDV	0.25	0.44
tblVehicleEF	MDV	4.7490e-003	4.0360e-003

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tblVehicleEF	MDV	1.1360e-003	8.5900e-004
tblVehicleEF	MDV	0.10	0.11
tblVehicleEF	MDV	0.22	0.18
tblVehicleEF	MDV	0.08	0.10
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.13	0.57
tblVehicleEF	MDV	0.27	0.48
tblVehicleEF	MH	0.04	3.6580e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	3.07	0.35
tblVehicleEF	MH	6.43	0.00
tblVehicleEF	MH	1,045.05	970.21
tblVehicleEF	MH	59.49	0.00
tblVehicleEF	MH	1.54	4.24
tblVehicleEF	MH	0.91	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.11
tblVehicleEF	MH	1.1740e-003	0.00
tblVehicleEF	MH	3.2230e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.11
tblVehicleEF	MH	1.0790e-003	0.00
tblVehicleEF	MH	1.47	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.51	0.00
tblVehicleEF	MH	0.10	0.08
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.37	0.00

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tblVehicleEF	MH	0.01	9.1720e-003
tblVehicleEF	MH	7.0700e-004	0.00
tblVehicleEF	MH	1.47	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.51	0.00
tblVehicleEF	MH	0.14	0.09
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.40	0.00
tblVehicleEF	MH	0.04	3.6580e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	3.19	0.35
tblVehicleEF	MH	5.84	0.00
tblVehicleEF	MH	1,045.05	970.21
tblVehicleEF	MH	59.49	0.00
tblVehicleEF	MH	1.41	4.00
tblVehicleEF	MH	0.86	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.11
tblVehicleEF	MH	1.1740e-003	0.00
tblVehicleEF	MH	3.2230e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.11
tblVehicleEF	MH	1.0790e-003	0.00
tblVehicleEF	MH	2.91	0.00
tblVehicleEF	MH	0.11	0.00
tblVehicleEF	MH	1.21	0.00
tblVehicleEF	MH	0.11	0.08
tblVehicleEF	MH	0.03	0.00

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tblVehicleEF	MH	0.34	0.00
tblVehicleEF	MH	0.01	9.1720e-003
tblVehicleEF	MH	6.9700e-004	0.00
tblVehicleEF	MH	2.91	0.00
tblVehicleEF	MH	0.11	0.00
tblVehicleEF	MH	1.21	0.00
tblVehicleEF	MH	0.15	0.09
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.04	3.6580e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	3.08	0.35
tblVehicleEF	MH	6.36	0.00
tblVehicleEF	MH	1,045.05	970.21
tblVehicleEF	MH	59.49	0.00
tblVehicleEF	MH	1.51	4.17
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.11
tblVehicleEF	MH	1.1740e-003	0.00
tblVehicleEF	MH	3.2230e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.11
tblVehicleEF	MH	1.0790e-003	0.00
tblVehicleEF	MH	1.75	0.00
tblVehicleEF	MH	0.11	0.00
tblVehicleEF	MH	0.53	0.00
tblVehicleEF	MH	0.10	0.08

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tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.37	0.00
tblVehicleEF	MH	0.01	9.1720e-003
tblVehicleEF	MH	7.0600e-004	0.00
tblVehicleEF	MH	1.75	0.00
tblVehicleEF	MH	0.11	0.00
tblVehicleEF	MH	0.53	0.00
tblVehicleEF	MH	0.15	0.09
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.40	0.00
tblVehicleEF	MHD	0.02	2.5070e-003
tblVehicleEF	MHD	3.5160e-003	3.3210e-003
tblVehicleEF	MHD	0.05	6.4670e-003
tblVehicleEF	MHD	0.32	0.31
tblVehicleEF	MHD	0.27	0.32
tblVehicleEF	MHD	5.32	0.74
tblVehicleEF	MHD	156.91	68.92
tblVehicleEF	MHD	1,101.52	974.57
tblVehicleEF	MHD	52.43	6.35
tblVehicleEF	MHD	0.60	0.52
tblVehicleEF	MHD	0.99	1.61
tblVehicleEF	MHD	11.88	1.50
tblVehicleEF	MHD	3.8600e-004	1.2310e-003
tblVehicleEF	MHD	5.0030e-003	0.04
tblVehicleEF	MHD	7.6400e-004	7.5000e-005
tblVehicleEF	MHD	3.6900e-004	1.1780e-003
tblVehicleEF	MHD	4.7830e-003	0.03

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tblVehicleEF	MHD	7.0300e-004	6.9000e-005
tblVehicleEF	MHD	1.2800e-003	4.5300e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	6.5100e-004	2.4000e-004
tblVehicleEF	MHD	0.04	0.06
tblVehicleEF	MHD	0.02	0.08
tblVehicleEF	MHD	0.32	0.03
tblVehicleEF	MHD	1.5080e-003	6.5300e-004
tblVehicleEF	MHD	0.01	9.2620e-003
tblVehicleEF	MHD	6.1700e-004	6.3000e-005
tblVehicleEF	MHD	1.2800e-003	4.5300e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	6.5100e-004	2.4000e-004
tblVehicleEF	MHD	0.04	0.07
tblVehicleEF	MHD	0.02	0.08
tblVehicleEF	MHD	0.35	0.04
tblVehicleEF	MHD	0.02	2.3860e-003
tblVehicleEF	MHD	3.5800e-003	3.3450e-003
tblVehicleEF	MHD	0.05	6.2100e-003
tblVehicleEF	MHD	0.24	0.26
tblVehicleEF	MHD	0.28	0.33
tblVehicleEF	MHD	4.97	0.70
tblVehicleEF	MHD	166.20	69.59
tblVehicleEF	MHD	1,101.52	974.58
tblVehicleEF	MHD	52.43	6.28

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tblVehicleEF	MHD	0.62	0.52
tblVehicleEF	MHD	0.92	1.52
tblVehicleEF	MHD	11.85	1.49
tblVehicleEF	MHD	3.2500e-004	1.0410e-003
tblVehicleEF	MHD	5.0030e-003	0.04
tblVehicleEF	MHD	7.6400e-004	7.5000e-005
tblVehicleEF	MHD	3.1100e-004	9.9600e-004
tblVehicleEF	MHD	4.7830e-003	0.03
tblVehicleEF	MHD	7.0300e-004	6.9000e-005
tblVehicleEF	MHD	2.5300e-003	8.2800e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.5010e-003	4.7800e-004
tblVehicleEF	MHD	0.04	0.06
tblVehicleEF	MHD	0.02	0.08
tblVehicleEF	MHD	0.30	0.03
tblVehicleEF	MHD	1.5950e-003	6.5900e-004
tblVehicleEF	MHD	0.01	9.2620e-003
tblVehicleEF	MHD	6.1100e-004	6.2000e-005
tblVehicleEF	MHD	2.5300e-003	8.2800e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	1.5010e-003	4.7800e-004
tblVehicleEF	MHD	0.04	0.07
tblVehicleEF	MHD	0.02	0.08
tblVehicleEF	MHD	0.33	0.04
tblVehicleEF	MHD	0.02	2.6830e-003

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tblVehicleEF	MHD	3.5220e-003	3.3210e-003
tblVehicleEF	MHD	0.05	6.4200e-003
tblVehicleEF	MHD	0.45	0.37
tblVehicleEF	MHD	0.27	0.32
tblVehicleEF	MHD	5.23	0.74
tblVehicleEF	MHD	144.06	68.00
tblVehicleEF	MHD	1,101.52	974.57
tblVehicleEF	MHD	52.43	6.34
tblVehicleEF	MHD	0.57	0.52
tblVehicleEF	MHD	0.97	1.59
tblVehicleEF	MHD	11.87	1.50
tblVehicleEF	MHD	4.7000e-004	1.4940e-003
tblVehicleEF	MHD	5.0030e-003	0.04
tblVehicleEF	MHD	7.6400e-004	7.5000e-005
tblVehicleEF	MHD	4.4900e-004	1.4300e-003
tblVehicleEF	MHD	4.7830e-003	0.03
tblVehicleEF	MHD	7.0300e-004	6.9000e-005
tblVehicleEF	MHD	1.3890e-003	4.7100e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	6.4000e-004	2.4400e-004
tblVehicleEF	MHD	0.04	0.06
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.32	0.03
tblVehicleEF	MHD	1.3860e-003	6.4400e-004
tblVehicleEF	MHD	0.01	9.2620e-003
tblVehicleEF	MHD	6.1600e-004	6.3000e-005

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tblVehicleEF	MHD	1.3890e-003	4.7100e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	6.4000e-004	2.4400e-004
tblVehicleEF	MHD	0.04	0.07
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.35	0.04
tblVehicleEF	OBUS	0.01	8.8190e-003
tblVehicleEF	OBUS	9.9110e-003	6.5960e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.26	0.52
tblVehicleEF	OBUS	0.63	0.77
tblVehicleEF	OBUS	6.27	2.45
tblVehicleEF	OBUS	70.35	76.06
tblVehicleEF	OBUS	1,121.50	1,406.90
tblVehicleEF	OBUS	70.70	20.49
tblVehicleEF	OBUS	0.28	0.34
tblVehicleEF	OBUS	0.97	1.24
tblVehicleEF	OBUS	1.93	0.68
tblVehicleEF	OBUS	6.4000e-005	5.8900e-004
tblVehicleEF	OBUS	4.6440e-003	0.01
tblVehicleEF	OBUS	9.2900e-004	2.1800e-004
tblVehicleEF	OBUS	6.1000e-005	5.6400e-004
tblVehicleEF	OBUS	4.4220e-003	0.01
tblVehicleEF	OBUS	8.5400e-004	2.0100e-004
tblVehicleEF	OBUS	2.1800e-003	2.6020e-003
tblVehicleEF	OBUS	0.02	0.02

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tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	9.3100e-004	1.1160e-003
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	0.05	0.29
tblVehicleEF	OBUS	0.38	0.12
tblVehicleEF	OBUS	6.8400e-004	7.2500e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.1700e-004	2.0300e-004
tblVehicleEF	OBUS	2.1800e-003	2.6020e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	9.3100e-004	1.1160e-003
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	0.05	0.29
tblVehicleEF	OBUS	0.42	0.13
tblVehicleEF	OBUS	0.01	8.8750e-003
tblVehicleEF	OBUS	0.01	6.7350e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.26	0.51
tblVehicleEF	OBUS	0.65	0.79
tblVehicleEF	OBUS	5.74	2.28
tblVehicleEF	OBUS	73.50	75.90
tblVehicleEF	OBUS	1,121.50	1,406.93
tblVehicleEF	OBUS	70.70	20.20
tblVehicleEF	OBUS	0.29	0.34
tblVehicleEF	OBUS	0.90	1.16
tblVehicleEF	OBUS	1.88	0.67

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tblVehicleEF	OBUS	5.4000e-005	5.0100e-004
tblVehicleEF	OBUS	4.6440e-003	0.01
tblVehicleEF	OBUS	9.2900e-004	2.1800e-004
tblVehicleEF	OBUS	5.1000e-005	4.7900e-004
tblVehicleEF	OBUS	4.4220e-003	0.01
tblVehicleEF	OBUS	8.5400e-004	2.0100e-004
tblVehicleEF	OBUS	4.2350e-003	4.6860e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	2.1330e-003	2.2090e-003
tblVehicleEF	OBUS	0.05	0.05
tblVehicleEF	OBUS	0.05	0.29
tblVehicleEF	OBUS	0.36	0.11
tblVehicleEF	OBUS	7.1400e-004	7.2400e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.0800e-004	2.0000e-004
tblVehicleEF	OBUS	4.2350e-003	4.6860e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	2.1330e-003	2.2090e-003
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	0.05	0.29
tblVehicleEF	OBUS	0.40	0.12
tblVehicleEF	OBUS	0.01	8.7740e-003
tblVehicleEF	OBUS	9.9380e-003	6.6000e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.28	0.53

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tblVehicleEF	OBUS	0.63	0.77
tblVehicleEF	OBUS	6.22	2.45
tblVehicleEF	OBUS	66.00	76.30
tblVehicleEF	OBUS	1,121.50	1,406.90
tblVehicleEF	OBUS	70.70	20.50
tblVehicleEF	OBUS	0.27	0.35
tblVehicleEF	OBUS	0.96	1.22
tblVehicleEF	OBUS	1.91	0.68
tblVehicleEF	OBUS	7.7000e-005	7.1200e-004
tblVehicleEF	OBUS	4.6440e-003	0.01
tblVehicleEF	OBUS	9.2900e-004	2.1800e-004
tblVehicleEF	OBUS	7.4000e-005	6.8100e-004
tblVehicleEF	OBUS	4.4220e-003	0.01
tblVehicleEF	OBUS	8.5400e-004	2.0100e-004
tblVehicleEF	OBUS	2.3200e-003	2.7390e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	9.4100e-004	1.1650e-003
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	0.05	0.30
tblVehicleEF	OBUS	0.38	0.12
tblVehicleEF	OBUS	6.4200e-004	7.2700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.1600e-004	2.0300e-004
tblVehicleEF	OBUS	2.3200e-003	2.7390e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.05	0.07

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tblVehicleEF	OBUS	9.4100e-004	1.1650e-003
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	0.05	0.30
tblVehicleEF	OBUS	0.42	0.13
tblVehicleEF	SBUS	0.84	0.06
tblVehicleEF	SBUS	0.01	8.5840e-003
tblVehicleEF	SBUS	0.07	6.1570e-003
tblVehicleEF	SBUS	5.71	2.50
tblVehicleEF	SBUS	0.65	0.78
tblVehicleEF	SBUS	5.33	0.82
tblVehicleEF	SBUS	1,258.13	345.06
tblVehicleEF	SBUS	1,136.31	1,112.17
tblVehicleEF	SBUS	37.11	4.79
tblVehicleEF	SBUS	11.70	3.29
tblVehicleEF	SBUS	4.77	5.20
tblVehicleEF	SBUS	15.02	0.91
tblVehicleEF	SBUS	0.01	4.3580e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	5.1700e-004	4.0000e-005
tblVehicleEF	SBUS	0.01	4.1690e-003
tblVehicleEF	SBUS	2.7560e-003	2.7010e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	4.7500e-004	3.6000e-005
tblVehicleEF	SBUS	2.9260e-003	1.2420e-003
tblVehicleEF	SBUS	0.02	9.5120e-003
tblVehicleEF	SBUS	0.68	0.28

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tblVehicleEF	SBUS	1.3050e-003	5.9000e-004
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	9.3510e-003	0.06
tblVehicleEF	SBUS	0.27	0.04
tblVehicleEF	SBUS	0.01	3.2890e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	4.6300e-004	4.7000e-005
tblVehicleEF	SBUS	2.9260e-003	1.2420e-003
tblVehicleEF	SBUS	0.02	9.5120e-003
tblVehicleEF	SBUS	0.97	0.40
tblVehicleEF	SBUS	1.3050e-003	5.9000e-004
tblVehicleEF	SBUS	0.13	0.13
tblVehicleEF	SBUS	9.3510e-003	0.06
tblVehicleEF	SBUS	0.30	0.04
tblVehicleEF	SBUS	0.84	0.06
tblVehicleEF	SBUS	0.01	8.7140e-003
tblVehicleEF	SBUS	0.06	5.1550e-003
tblVehicleEF	SBUS	5.56	2.47
tblVehicleEF	SBUS	0.66	0.80
tblVehicleEF	SBUS	3.65	0.60
tblVehicleEF	SBUS	1,322.00	352.98
tblVehicleEF	SBUS	1,136.31	1,112.20
tblVehicleEF	SBUS	37.11	4.41
tblVehicleEF	SBUS	12.08	3.36
tblVehicleEF	SBUS	4.47	4.88
tblVehicleEF	SBUS	14.99	0.90
tblVehicleEF	SBUS	0.01	3.6810e-003

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tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	5.1700e-004	4.0000e-005
tblVehicleEF	SBUS	9.6490e-003	3.5220e-003
tblVehicleEF	SBUS	2.7560e-003	2.7010e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	4.7500e-004	3.6000e-005
tblVehicleEF	SBUS	5.6170e-003	2.2080e-003
tblVehicleEF	SBUS	0.02	9.9850e-003
tblVehicleEF	SBUS	0.67	0.28
tblVehicleEF	SBUS	2.8800e-003	1.1130e-003
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	8.5310e-003	0.06
tblVehicleEF	SBUS	0.22	0.03
tblVehicleEF	SBUS	0.01	3.3630e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	4.3500e-004	4.4000e-005
tblVehicleEF	SBUS	5.6170e-003	2.2080e-003
tblVehicleEF	SBUS	0.02	9.9850e-003
tblVehicleEF	SBUS	0.97	0.40
tblVehicleEF	SBUS	2.8800e-003	1.1130e-003
tblVehicleEF	SBUS	0.13	0.13
tblVehicleEF	SBUS	8.5310e-003	0.06
tblVehicleEF	SBUS	0.24	0.03
tblVehicleEF	SBUS	0.84	0.06
tblVehicleEF	SBUS	0.01	8.5760e-003
tblVehicleEF	SBUS	0.07	6.3440e-003

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tblVehicleEF	SBUS	5.91	2.56
tblVehicleEF	SBUS	0.65	0.78
tblVehicleEF	SBUS	5.37	0.86
tblVehicleEF	SBUS	1,169.92	334.13
tblVehicleEF	SBUS	1,136.31	1,112.17
tblVehicleEF	SBUS	37.11	4.85
tblVehicleEF	SBUS	11.19	3.19
tblVehicleEF	SBUS	4.69	5.12
tblVehicleEF	SBUS	15.02	0.91
tblVehicleEF	SBUS	0.01	5.2920e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	5.1700e-004	4.0000e-005
tblVehicleEF	SBUS	0.01	5.0630e-003
tblVehicleEF	SBUS	2.7560e-003	2.7010e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	4.7500e-004	3.6000e-005
tblVehicleEF	SBUS	2.9580e-003	1.2070e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.68	0.28
tblVehicleEF	SBUS	1.2820e-003	6.0100e-004
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	0.01	0.08
tblVehicleEF	SBUS	0.28	0.04
tblVehicleEF	SBUS	0.01	3.1850e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	4.6400e-004	4.8000e-005

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tblVehicleEF	SBUS	2.9580e-003	1.2070e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.98	0.40
tblVehicleEF	SBUS	1.2820e-003	6.0100e-004
tblVehicleEF	SBUS	0.13	0.13
tblVehicleEF	SBUS	0.01	0.08
tblVehicleEF	SBUS	0.31	0.04
tblVehicleEF	UBUS	1.83	4.45
tblVehicleEF	UBUS	0.08	0.01
tblVehicleEF	UBUS	9.26	34.75
tblVehicleEF	UBUS	14.34	0.89
tblVehicleEF	UBUS	1,846.39	1,692.13
tblVehicleEF	UBUS	136.37	11.77
tblVehicleEF	UBUS	5.87	0.38
tblVehicleEF	UBUS	13.57	0.14
tblVehicleEF	UBUS	0.52	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.07	2.6550e-003
tblVehicleEF	UBUS	1.4030e-003	1.4100e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	6.6220e-003
tblVehicleEF	UBUS	0.06	2.5280e-003
tblVehicleEF	UBUS	1.2900e-003	1.3000e-004
tblVehicleEF	UBUS	8.0860e-003	1.6780e-003
tblVehicleEF	UBUS	0.11	9.5390e-003
tblVehicleEF	UBUS	3.9450e-003	7.3700e-004
tblVehicleEF	UBUS	0.61	0.07

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tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	1.15	0.04
tblVehicleEF	UBUS	0.01	3.0250e-003
tblVehicleEF	UBUS	1.6240e-003	1.1700e-004
tblVehicleEF	UBUS	8.0860e-003	1.6780e-003
tblVehicleEF	UBUS	0.11	9.5390e-003
tblVehicleEF	UBUS	3.9450e-003	7.3700e-004
tblVehicleEF	UBUS	2.50	4.54
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	1.25	0.04
tblVehicleEF	UBUS	1.83	4.45
tblVehicleEF	UBUS	0.08	9.2350e-003
tblVehicleEF	UBUS	9.36	34.75
tblVehicleEF	UBUS	11.74	0.76
tblVehicleEF	UBUS	1,846.39	1,692.13
tblVehicleEF	UBUS	136.37	11.55
tblVehicleEF	UBUS	5.45	0.38
tblVehicleEF	UBUS	13.45	0.13
tblVehicleEF	UBUS	0.52	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.07	2.6550e-003
tblVehicleEF	UBUS	1.4030e-003	1.4100e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	6.6220e-003
tblVehicleEF	UBUS	0.06	2.5280e-003
tblVehicleEF	UBUS	1.2900e-003	1.3000e-004
tblVehicleEF	UBUS	0.02	3.0610e-003

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tblVehicleEF	UBUS	0.14	0.01
tblVehicleEF	UBUS	9.3320e-003	1.4840e-003
tblVehicleEF	UBUS	0.62	0.07
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	1.02	0.03
tblVehicleEF	UBUS	0.01	3.0250e-003
tblVehicleEF	UBUS	1.5790e-003	1.1400e-004
tblVehicleEF	UBUS	0.02	3.0610e-003
tblVehicleEF	UBUS	0.14	0.01
tblVehicleEF	UBUS	9.3320e-003	1.4840e-003
tblVehicleEF	UBUS	2.52	4.54
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	1.12	0.04
tblVehicleEF	UBUS	1.83	4.45
tblVehicleEF	UBUS	0.08	0.01
tblVehicleEF	UBUS	9.27	34.75
tblVehicleEF	UBUS	13.86	0.90
tblVehicleEF	UBUS	1,846.39	1,692.13
tblVehicleEF	UBUS	136.37	11.80
tblVehicleEF	UBUS	5.76	0.38
tblVehicleEF	UBUS	13.55	0.14
tblVehicleEF	UBUS	0.52	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.07	2.6550e-003
tblVehicleEF	UBUS	1.4030e-003	1.4100e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	6.6220e-003

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tblVehicleEF	UBUS	0.06	2.5280e-003
tblVehicleEF	UBUS	1.2900e-003	1.3000e-004
tblVehicleEF	UBUS	9.2250e-003	1.6870e-003
tblVehicleEF	UBUS	0.14	0.01
tblVehicleEF	UBUS	4.1190e-003	7.4500e-004
tblVehicleEF	UBUS	0.61	0.07
tblVehicleEF	UBUS	0.03	0.05
tblVehicleEF	UBUS	1.13	0.04
tblVehicleEF	UBUS	0.01	3.0250e-003
tblVehicleEF	UBUS	1.6160e-003	1.1700e-004
tblVehicleEF	UBUS	9.2250e-003	1.6870e-003
tblVehicleEF	UBUS	0.14	0.01
tblVehicleEF	UBUS	4.1190e-003	7.4500e-004
tblVehicleEF	UBUS	2.50	4.54
tblVehicleEF	UBUS	0.03	0.05
tblVehicleEF	UBUS	1.24	0.04

2.0 Emissions Summary

Bridge Point Rancho Cucamonga (Grading - Mitigated) - San Bernardino-South Coast County, Annual

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.3383	3.9385	1.9697	5.1100e-003	1.0019	0.1538	1.1557	0.3840	0.1415	0.5255	0.0000	453.8296	453.8296	0.1293	0.0000	457.0617
Maximum	0.3383	3.9385	1.9697	5.1100e-003	1.0019	0.1538	1.1557	0.3840	0.1415	0.5255	0.0000	453.8296	453.8296	0.1293	0.0000	457.0617

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.0653	0.4282	2.2331	5.1100e-003	0.4073	7.7400e-003	0.4150	0.1543	7.7100e-003	0.1620	0.0000	453.8291	453.8291	0.1293	0.0000	457.0612
Maximum	0.0653	0.4282	2.2331	5.1100e-003	0.4073	7.7400e-003	0.4150	0.1543	7.7100e-003	0.1620	0.0000	453.8291	453.8291	0.1293	0.0000	457.0612

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	80.71	89.13	-13.37	0.00	59.35	94.97	64.09	59.82	94.55	69.18	0.00	0.00	0.00	0.00	0.00	0.00

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Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	7-1-2021	9-30-2021	4.1304	0.4743
		Highest	4.1304	0.4743

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.2900	1.0000e-005	1.0900e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.1100e-003	2.1100e-003	1.0000e-005	0.0000	2.2500e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.2900	1.0000e-005	1.0900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2.1100e-003	2.1100e-003	1.0000e-005	0.0000	2.2500e-003

Bridge Point Rancho Cucamonga (Grading - Mitigated) - San Bernardino-South Coast County, Annual

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.2900	1.0000e-005	1.0900e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.1100e-003	2.1100e-003	1.0000e-005	0.0000	2.2500e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.2900	1.0000e-005	1.0900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2.1100e-003	2.1100e-003	1.0000e-005	0.0000	2.2500e-003

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	7/1/2021	10/4/2021	5	68	

Acres of Grading (Site Preparation Phase): 0

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Acres of Grading (Grading Phase): 680

Acres of Paving: 85.04

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Grading	Crawler Tractors	3	8.00	212	0.43
Grading	Excavators	3	8.00	158	0.38
Grading	Graders	3	8.00	187	0.41
Grading	Rubber Tired Dozers	3	8.00	247	0.40
Grading	Scrapers	3	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Grading	15	38.00	33.00	680.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

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3.2 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.9748	0.0000	0.9748	0.3766	0.0000	0.3766	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3273	3.7455	1.8887	4.4200e-003		0.1533	0.1533		0.1411	0.1411	0.0000	388.4068	388.4068	0.1256	0.0000	391.5473
Total	0.3273	3.7455	1.8887	4.4200e-003	0.9748	0.1533	1.1281	0.3766	0.1411	0.5176	0.0000	388.4068	388.4068	0.1256	0.0000	391.5473

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.0600e-003	0.0794	0.0128	2.6000e-004	5.8500e-003	2.2000e-004	6.0700e-003	1.6100e-003	2.1000e-004	1.8200e-003	0.0000	25.1722	25.1722	1.4200e-003	0.0000	25.2076
Vendor	2.9700e-003	0.1092	0.0222	3.0000e-004	7.0700e-003	1.9000e-004	7.2600e-003	2.0400e-003	1.8000e-004	2.2200e-003	0.0000	28.4947	28.4947	1.9200e-003	0.0000	28.5427
Worker	5.9500e-003	4.5000e-003	0.0460	1.3000e-004	0.0142	9.0000e-005	0.0143	3.7600e-003	9.0000e-005	3.8500e-003	0.0000	11.7559	11.7559	3.3000e-004	0.0000	11.7641
Total	0.0110	0.1931	0.0810	6.9000e-004	0.0271	5.0000e-004	0.0276	7.4100e-003	4.8000e-004	7.8900e-003	0.0000	65.4228	65.4228	3.6700e-003	0.0000	65.5145

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3.2 Grading - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3802	0.0000	0.3802	0.1469	0.0000	0.1469	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0543	0.2352	2.1521	4.4200e-003		7.2400e-003	7.2400e-003		7.2400e-003	7.2400e-003	0.0000	388.4063	388.4063	0.1256	0.0000	391.5468
Total	0.0543	0.2352	2.1521	4.4200e-003	0.3802	7.2400e-003	0.3874	0.1469	7.2400e-003	0.1541	0.0000	388.4063	388.4063	0.1256	0.0000	391.5468

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.0600e-003	0.0794	0.0128	2.6000e-004	5.8500e-003	2.2000e-004	6.0700e-003	1.6100e-003	2.1000e-004	1.8200e-003	0.0000	25.1722	25.1722	1.4200e-003	0.0000	25.2076
Vendor	2.9700e-003	0.1092	0.0222	3.0000e-004	7.0700e-003	1.9000e-004	7.2600e-003	2.0400e-003	1.8000e-004	2.2200e-003	0.0000	28.4947	28.4947	1.9200e-003	0.0000	28.5427
Worker	5.9500e-003	4.5000e-003	0.0460	1.3000e-004	0.0142	9.0000e-005	0.0143	3.7600e-003	9.0000e-005	3.8500e-003	0.0000	11.7559	11.7559	3.3000e-004	0.0000	11.7641
Total	0.0110	0.1931	0.0810	6.9000e-004	0.0271	5.0000e-004	0.0276	7.4100e-003	4.8000e-004	7.8900e-003	0.0000	65.4228	65.4228	3.6700e-003	0.0000	65.5145

4.0 Operational Detail - Mobile

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4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.553113	0.036408	0.180286	0.116335	0.016165	0.005101	0.018218	0.063797	0.001357	0.001565	0.005903	0.000808	0.000944

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5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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5.2 Energy by Land Use - Natural Gas

Unmitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.2900	1.0000e-005	1.0900e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.1100e-003	2.1100e-003	1.0000e-005	0.0000	2.2500e-003
Unmitigated	0.2900	1.0000e-005	1.0900e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.1100e-003	2.1100e-003	1.0000e-005	0.0000	2.2500e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0504					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2395					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0000e-004	1.0000e-005	1.0900e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.1100e-003	2.1100e-003	1.0000e-005	0.0000	2.2500e-003
Total	0.2900	1.0000e-005	1.0900e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.1100e-003	2.1100e-003	1.0000e-005	0.0000	2.2500e-003

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6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0504					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2395					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0000e-004	1.0000e-005	1.0900e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.1100e-003	2.1100e-003	1.0000e-005	0.0000	2.2500e-003
Total	0.2900	1.0000e-005	1.0900e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.1100e-003	2.1100e-003	1.0000e-005	0.0000	2.2500e-003

7.0 Water Detail

7.1 Mitigation Measures Water

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	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

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7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

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8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
----------------	--------	----------------	-----------------	---------------	-----------

User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

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1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Refrigerated Warehouse-No Rail	142.25	1000sqft	3.27	142,250.00	0
Unrefrigerated Warehouse-No Rail	1,280.25	1000sqft	29.39	1,280,250.00	0
Other Asphalt Surfaces	1.00	1000sqft	0.02	1,000.00	0
Other Non-Asphalt Surfaces	201.80	1000sqft	5.42	236,200.00	0
Parking Lot	934.00	Space	17.23	750,571.57	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	32
Climate Zone	10			Operational Year	2022
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

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Project Characteristics -

Land Use - Parking Lot Area includes: Auto, Dock Loading, Trailer, and Bicycle Parking. Employee Outdoor Area modeled as Other Asphalt Surfaces. Landscape Area modeled as Other Non-Asphalt Surfaces.

Construction Phase - Construction Schedule based on information provided by the Project Applicant.

Off-road Equipment - Hours are based on an 8-hour workday.

Off-road Equipment - Construction Equipment based on information provided by the Project Applicant.

Off-road Equipment - Construction Equipment based on information provided by the Project Applicant.

Off-road Equipment - Construction Equipment based on information provided by the Project Applicant.

Trips and VMT - Vendor trips based on the total CalEEMod vendor trips for the entire Project and proportionally split between all phases of construction

Architectural Coating - Rule 1113

Vehicle Trips - Construction Run Only.

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Energy Use - Construction Run Only.

Water And Wastewater - Construction Run Only.

Solid Waste - Construction Run Only.

Construction Off-road Equipment Mitigation - MM AQ-1

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblAreaCoating	Area_Parking	59266	53691
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstructionPhase	NumDays	75.00	190.00
tblConstructionPhase	NumDays	1,110.00	80.00
tblConstructionPhase	NumDays	1,110.00	200.00
tblConstructionPhase	NumDays	75.00	20.00

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tblEnergyUse	LightingElect	0.35	0.00
tblEnergyUse	LightingElect	2.37	0.00
tblEnergyUse	LightingElect	1.17	0.00
tblEnergyUse	NT24E	36.52	0.00
tblEnergyUse	NT24E	0.82	0.00
tblEnergyUse	NT24NG	48.51	0.00
tblEnergyUse	NT24NG	0.03	0.00
tblEnergyUse	T24E	1.06	0.00
tblEnergyUse	T24E	0.37	0.00
tblEnergyUse	T24NG	3.25	0.00
tblEnergyUse	T24NG	2.00	0.00
tblLandUse	LandUseSquareFeet	201,800.00	236,200.00
tblLandUse	LandUseSquareFeet	373,600.00	750,571.57
tblLandUse	LotAcreage	4.63	5.42
tblLandUse	LotAcreage	8.41	17.23
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00

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tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblSolidWaste	SolidWasteGenerationRate	133.72	0.00
tblSolidWaste	SolidWasteGenerationRate	1,203.43	0.00
tblTripsAndVMT	VendorTripNumber	395.00	92.00
tblTripsAndVMT	VendorTripNumber	0.00	23.00
tblTripsAndVMT	VendorTripNumber	395.00	118.00
tblTripsAndVMT	VendorTripNumber	0.00	112.00
tblTripsAndVMT	WorkerTripNumber	1,012.00	15.00
tblTripsAndVMT	WorkerTripNumber	1,012.00	973.00
tblTripsAndVMT	WorkerTripNumber	202.00	195.00
tblVehicleEF	HHD	1.21	0.03
tblVehicleEF	HHD	0.04	0.14
tblVehicleEF	HHD	0.10	0.00
tblVehicleEF	HHD	3.29	5.95
tblVehicleEF	HHD	0.57	0.67
tblVehicleEF	HHD	1.82	3.7880e-003
tblVehicleEF	HHD	6,933.41	1,124.17
tblVehicleEF	HHD	1,475.79	1,484.27
tblVehicleEF	HHD	5.54	0.03
tblVehicleEF	HHD	26.50	6.08
tblVehicleEF	HHD	2.50	3.42
tblVehicleEF	HHD	20.21	2.10
tblVehicleEF	HHD	9.7780e-003	3.6280e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.01	0.03

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tblVehicleEF	HHD	5.1000e-005	1.0000e-006
tblVehicleEF	HHD	9.3550e-003	3.4710e-003
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tblVehicleEF	HHD	8.8810e-003	8.8310e-003
tblVehicleEF	HHD	0.01	0.03
tblVehicleEF	HHD	4.7000e-005	1.0000e-006
tblVehicleEF	HHD	8.5000e-005	5.0000e-006
tblVehicleEF	HHD	3.1910e-003	1.6000e-004
tblVehicleEF	HHD	0.84	0.43
tblVehicleEF	HHD	5.2000e-005	3.0000e-006
tblVehicleEF	HHD	0.08	0.08
tblVehicleEF	HHD	2.1700e-004	7.9100e-004
tblVehicleEF	HHD	0.05	1.0000e-006
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tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	8.6000e-005	0.00
tblVehicleEF	HHD	8.5000e-005	5.0000e-006
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tblVehicleEF	HHD	0.97	0.50
tblVehicleEF	HHD	5.2000e-005	3.0000e-006
tblVehicleEF	HHD	0.13	0.23
tblVehicleEF	HHD	2.1700e-004	7.9100e-004
tblVehicleEF	HHD	0.06	1.0000e-006
tblVehicleEF	HHD	1.14	0.03
tblVehicleEF	HHD	0.04	0.14
tblVehicleEF	HHD	0.09	0.00
tblVehicleEF	HHD	2.39	5.82

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tblVehicleEF	HHD	0.57	0.67
tblVehicleEF	HHD	1.70	3.5770e-003
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tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.01	0.03
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tblVehicleEF	HHD	7.9170e-003	3.0380e-003
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tblVehicleEF	HHD	8.8810e-003	8.8310e-003
tblVehicleEF	HHD	0.01	0.03
tblVehicleEF	HHD	4.7000e-005	1.0000e-006
tblVehicleEF	HHD	1.6800e-004	1.0000e-005
tblVehicleEF	HHD	3.5970e-003	1.8200e-004
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tblVehicleEF	HHD	1.1700e-004	7.0000e-006
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tblVehicleEF	HHD	2.2100e-004	8.1200e-004
tblVehicleEF	HHD	0.05	1.0000e-006
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tblVehicleEF	HHD	0.01	0.01

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tblVehicleEF	HHD	8.4000e-005	0.00
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tblVehicleEF	HHD	3.5970e-003	1.8200e-004
tblVehicleEF	HHD	0.91	0.52
tblVehicleEF	HHD	1.1700e-004	7.0000e-006
tblVehicleEF	HHD	0.13	0.23
tblVehicleEF	HHD	2.2100e-004	8.1200e-004
tblVehicleEF	HHD	0.06	1.0000e-006
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tblVehicleEF	HHD	20.20	2.10
tblVehicleEF	HHD	0.01	3.8650e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.03
tblVehicleEF	HHD	0.01	0.03
tblVehicleEF	HHD	5.1000e-005	1.0000e-006
tblVehicleEF	HHD	0.01	3.6980e-003
tblVehicleEF	HHD	0.03	0.03

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tblVehicleEF	HHD	8.8810e-003	8.6000e-003
tblVehicleEF	HHD	0.01	0.03
tblVehicleEF	HHD	4.7000e-005	1.0000e-006
tblVehicleEF	HHD	8.5000e-005	5.0000e-006
tblVehicleEF	HHD	3.4760e-003	1.8700e-004
tblVehicleEF	HHD	0.91	0.40
tblVehicleEF	HHD	5.2000e-005	3.0000e-006
tblVehicleEF	HHD	0.08	0.07
tblVehicleEF	HHD	2.3300e-004	8.2900e-004
tblVehicleEF	HHD	0.05	1.0000e-006
tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	8.5000e-005	0.00
tblVehicleEF	HHD	8.5000e-005	5.0000e-006
tblVehicleEF	HHD	3.4760e-003	1.8700e-004
tblVehicleEF	HHD	1.05	0.46
tblVehicleEF	HHD	5.2000e-005	3.0000e-006
tblVehicleEF	HHD	0.13	0.08
tblVehicleEF	HHD	2.3300e-004	8.2900e-004
tblVehicleEF	HHD	0.06	1.0000e-006
tblVehicleEF	LDA	4.2030e-003	2.5110e-003
tblVehicleEF	LDA	5.6230e-003	0.05
tblVehicleEF	LDA	0.57	0.67
tblVehicleEF	LDA	1.19	2.11
tblVehicleEF	LDA	251.29	265.15
tblVehicleEF	LDA	57.15	54.12
tblVehicleEF	LDA	0.05	0.04

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tblVehicleEF	LDA	0.08	0.18
tblVehicleEF	LDA	1.6780e-003	1.5210e-003
tblVehicleEF	LDA	2.2790e-003	1.8570e-003
tblVehicleEF	LDA	1.5460e-003	1.4000e-003
tblVehicleEF	LDA	2.0960e-003	1.7080e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.01	9.5370e-003
tblVehicleEF	LDA	0.03	0.21
tblVehicleEF	LDA	0.08	0.22
tblVehicleEF	LDA	2.5170e-003	2.6060e-003
tblVehicleEF	LDA	5.9200e-004	5.3200e-004
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.02	0.01
tblVehicleEF	LDA	0.03	0.21
tblVehicleEF	LDA	0.08	0.24
tblVehicleEF	LDA	4.7900e-003	2.8350e-003
tblVehicleEF	LDA	4.6890e-003	0.04
tblVehicleEF	LDA	0.71	0.81
tblVehicleEF	LDA	0.99	1.78
tblVehicleEF	LDA	274.94	287.11
tblVehicleEF	LDA	57.15	53.48
tblVehicleEF	LDA	0.05	0.03
tblVehicleEF	LDA	0.07	0.17

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tblVehicleEF	LDA	1.6780e-003	1.5210e-003
tblVehicleEF	LDA	2.2790e-003	1.8570e-003
tblVehicleEF	LDA	1.5460e-003	1.4000e-003
tblVehicleEF	LDA	2.0960e-003	1.7080e-003
tblVehicleEF	LDA	0.09	0.11
tblVehicleEF	LDA	0.12	0.11
tblVehicleEF	LDA	0.07	0.09
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.03	0.21
tblVehicleEF	LDA	0.06	0.19
tblVehicleEF	LDA	2.7550e-003	2.8220e-003
tblVehicleEF	LDA	5.8800e-004	5.2600e-004
tblVehicleEF	LDA	0.09	0.11
tblVehicleEF	LDA	0.12	0.11
tblVehicleEF	LDA	0.07	0.09
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.03	0.21
tblVehicleEF	LDA	0.07	0.21
tblVehicleEF	LDA	4.0860e-003	2.4590e-003
tblVehicleEF	LDA	5.5870e-003	0.05
tblVehicleEF	LDA	0.54	0.64
tblVehicleEF	LDA	1.18	2.12
tblVehicleEF	LDA	245.70	261.06
tblVehicleEF	LDA	57.15	54.13
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.08	0.18
tblVehicleEF	LDA	1.6780e-003	1.5210e-003

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tblVehicleEF	LDA	2.2790e-003	1.8570e-003
tblVehicleEF	LDA	1.5460e-003	1.4000e-003
tblVehicleEF	LDA	2.0960e-003	1.7080e-003
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.11	0.11
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.01	9.3400e-003
tblVehicleEF	LDA	0.04	0.24
tblVehicleEF	LDA	0.08	0.22
tblVehicleEF	LDA	2.4600e-003	2.5660e-003
tblVehicleEF	LDA	5.9100e-004	5.3200e-004
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.11	0.11
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.24
tblVehicleEF	LDA	0.08	0.24
tblVehicleEF	LDT1	0.01	7.5760e-003
tblVehicleEF	LDT1	0.02	0.08
tblVehicleEF	LDT1	1.54	1.52
tblVehicleEF	LDT1	3.61	2.39
tblVehicleEF	LDT1	313.68	314.63
tblVehicleEF	LDT1	70.93	65.70
tblVehicleEF	LDT1	0.16	0.13
tblVehicleEF	LDT1	0.22	0.30
tblVehicleEF	LDT1	2.7050e-003	2.3430e-003
tblVehicleEF	LDT1	3.6920e-003	2.8390e-003

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tblVehicleEF	LDT1	2.4910e-003	2.1560e-003
tblVehicleEF	LDT1	3.3960e-003	2.6100e-003
tblVehicleEF	LDT1	0.18	0.19
tblVehicleEF	LDT1	0.33	0.26
tblVehicleEF	LDT1	0.13	0.14
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.20	0.86
tblVehicleEF	LDT1	0.26	0.42
tblVehicleEF	LDT1	3.1570e-003	3.0930e-003
tblVehicleEF	LDT1	7.7300e-004	6.4600e-004
tblVehicleEF	LDT1	0.18	0.19
tblVehicleEF	LDT1	0.33	0.26
tblVehicleEF	LDT1	0.13	0.14
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.20	0.86
tblVehicleEF	LDT1	0.28	0.47
tblVehicleEF	LDT1	0.02	8.4640e-003
tblVehicleEF	LDT1	0.02	0.07
tblVehicleEF	LDT1	1.85	1.81
tblVehicleEF	LDT1	2.97	2.00
tblVehicleEF	LDT1	341.75	337.48
tblVehicleEF	LDT1	70.93	64.87
tblVehicleEF	LDT1	0.14	0.11
tblVehicleEF	LDT1	0.20	0.28
tblVehicleEF	LDT1	2.7050e-003	2.3430e-003
tblVehicleEF	LDT1	3.6920e-003	2.8390e-003
tblVehicleEF	LDT1	2.4910e-003	2.1560e-003

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tblVehicleEF	LDT1	3.3960e-003	2.6100e-003
tblVehicleEF	LDT1	0.37	0.36
tblVehicleEF	LDT1	0.41	0.31
tblVehicleEF	LDT1	0.27	0.26
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.20	0.85
tblVehicleEF	LDT1	0.21	0.36
tblVehicleEF	LDT1	3.4420e-003	3.3180e-003
tblVehicleEF	LDT1	7.6200e-004	6.3800e-004
tblVehicleEF	LDT1	0.37	0.36
tblVehicleEF	LDT1	0.41	0.31
tblVehicleEF	LDT1	0.27	0.26
tblVehicleEF	LDT1	0.06	0.05
tblVehicleEF	LDT1	0.20	0.85
tblVehicleEF	LDT1	0.23	0.40
tblVehicleEF	LDT1	0.01	7.4310e-003
tblVehicleEF	LDT1	0.02	0.08
tblVehicleEF	LDT1	1.47	1.47
tblVehicleEF	LDT1	3.55	2.39
tblVehicleEF	LDT1	307.06	310.38
tblVehicleEF	LDT1	70.93	65.71
tblVehicleEF	LDT1	0.15	0.12
tblVehicleEF	LDT1	0.21	0.29
tblVehicleEF	LDT1	2.7050e-003	2.3430e-003
tblVehicleEF	LDT1	3.6920e-003	2.8390e-003
tblVehicleEF	LDT1	2.4910e-003	2.1560e-003
tblVehicleEF	LDT1	3.3960e-003	2.6100e-003

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tblVehicleEF	LDT1	0.19	0.19
tblVehicleEF	LDT1	0.39	0.30
tblVehicleEF	LDT1	0.12	0.13
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.23	1.00
tblVehicleEF	LDT1	0.25	0.43
tblVehicleEF	LDT1	3.0890e-003	3.0520e-003
tblVehicleEF	LDT1	7.7200e-004	6.4600e-004
tblVehicleEF	LDT1	0.19	0.19
tblVehicleEF	LDT1	0.39	0.30
tblVehicleEF	LDT1	0.12	0.13
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.23	1.00
tblVehicleEF	LDT1	0.28	0.47
tblVehicleEF	LDT2	6.3270e-003	4.4090e-003
tblVehicleEF	LDT2	8.1990e-003	0.07
tblVehicleEF	LDT2	0.80	1.00
tblVehicleEF	LDT2	1.67	2.71
tblVehicleEF	LDT2	351.15	335.59
tblVehicleEF	LDT2	79.39	70.25
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.14	0.30
tblVehicleEF	LDT2	1.7270e-003	1.6010e-003
tblVehicleEF	LDT2	2.4170e-003	1.9240e-003
tblVehicleEF	LDT2	1.5880e-003	1.4740e-003
tblVehicleEF	LDT2	2.2220e-003	1.7690e-003
tblVehicleEF	LDT2	0.06	0.10

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tblVehicleEF	LDT2	0.13	0.14
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.45
tblVehicleEF	LDT2	0.11	0.33
tblVehicleEF	LDT2	3.5180e-003	3.2990e-003
tblVehicleEF	LDT2	8.2200e-004	6.9100e-004
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.13	0.14
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.07	0.45
tblVehicleEF	LDT2	0.12	0.36
tblVehicleEF	LDT2	7.1840e-003	4.9540e-003
tblVehicleEF	LDT2	6.8290e-003	0.06
tblVehicleEF	LDT2	0.97	1.20
tblVehicleEF	LDT2	1.38	2.28
tblVehicleEF	LDT2	383.36	357.71
tblVehicleEF	LDT2	79.39	69.39
tblVehicleEF	LDT2	0.08	0.08
tblVehicleEF	LDT2	0.13	0.28
tblVehicleEF	LDT2	1.7270e-003	1.6010e-003
tblVehicleEF	LDT2	2.4170e-003	1.9240e-003
tblVehicleEF	LDT2	1.5880e-003	1.4740e-003
tblVehicleEF	LDT2	2.2220e-003	1.7690e-003
tblVehicleEF	LDT2	0.13	0.18
tblVehicleEF	LDT2	0.15	0.16

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tblVehicleEF	LDT2	0.11	0.15
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.45
tblVehicleEF	LDT2	0.09	0.29
tblVehicleEF	LDT2	3.8420e-003	3.5160e-003
tblVehicleEF	LDT2	8.1700e-004	6.8200e-004
tblVehicleEF	LDT2	0.13	0.18
tblVehicleEF	LDT2	0.15	0.16
tblVehicleEF	LDT2	0.11	0.15
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.07	0.45
tblVehicleEF	LDT2	0.10	0.31
tblVehicleEF	LDT2	6.1560e-003	4.3220e-003
tblVehicleEF	LDT2	8.1410e-003	0.07
tblVehicleEF	LDT2	0.75	0.96
tblVehicleEF	LDT2	1.64	2.72
tblVehicleEF	LDT2	343.55	331.47
tblVehicleEF	LDT2	79.39	70.27
tblVehicleEF	LDT2	0.08	0.08
tblVehicleEF	LDT2	0.14	0.30
tblVehicleEF	LDT2	1.7270e-003	1.6010e-003
tblVehicleEF	LDT2	2.4170e-003	1.9240e-003
tblVehicleEF	LDT2	1.5880e-003	1.4740e-003
tblVehicleEF	LDT2	2.2220e-003	1.7690e-003
tblVehicleEF	LDT2	0.06	0.09
tblVehicleEF	LDT2	0.14	0.16
tblVehicleEF	LDT2	0.05	0.08

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tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.08	0.52
tblVehicleEF	LDT2	0.11	0.33
tblVehicleEF	LDT2	3.4410e-003	3.2580e-003
tblVehicleEF	LDT2	8.2200e-004	6.9100e-004
tblVehicleEF	LDT2	0.06	0.09
tblVehicleEF	LDT2	0.14	0.16
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.08	0.52
tblVehicleEF	LDT2	0.12	0.37
tblVehicleEF	LHD1	5.2170e-003	5.0850e-003
tblVehicleEF	LHD1	0.01	6.1020e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	1.07	0.75
tblVehicleEF	LHD1	2.60	1.03
tblVehicleEF	LHD1	9.23	9.25
tblVehicleEF	LHD1	609.20	652.45
tblVehicleEF	LHD1	30.40	11.21
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	2.12	1.25
tblVehicleEF	LHD1	0.99	0.32
tblVehicleEF	LHD1	9.6500e-004	8.9000e-004
tblVehicleEF	LHD1	0.01	9.8770e-003
tblVehicleEF	LHD1	0.01	9.8260e-003
tblVehicleEF	LHD1	9.5800e-004	2.6000e-004

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tblVehicleEF	LHD1	9.2400e-004	8.5100e-004
tblVehicleEF	LHD1	2.5390e-003	2.4690e-003
tblVehicleEF	LHD1	0.01	9.3750e-003
tblVehicleEF	LHD1	8.8100e-004	2.3900e-004
tblVehicleEF	LHD1	3.7070e-003	3.0390e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.8240e-003	1.5810e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.35	0.55
tblVehicleEF	LHD1	0.27	0.08
tblVehicleEF	LHD1	9.2000e-005	9.0000e-005
tblVehicleEF	LHD1	5.9760e-003	6.3570e-003
tblVehicleEF	LHD1	3.5300e-004	1.1100e-004
tblVehicleEF	LHD1	3.7070e-003	3.0390e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.8240e-003	1.5810e-003
tblVehicleEF	LHD1	0.10	0.08
tblVehicleEF	LHD1	0.35	0.55
tblVehicleEF	LHD1	0.29	0.09
tblVehicleEF	LHD1	5.2170e-003	5.0990e-003
tblVehicleEF	LHD1	0.01	6.2280e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	1.09	0.76
tblVehicleEF	LHD1	2.43	0.98

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tblVehicleEF	LHD1	9.23	9.25
tblVehicleEF	LHD1	609.20	652.47
tblVehicleEF	LHD1	30.40	11.12
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	1.98	1.17
tblVehicleEF	LHD1	0.94	0.31
tblVehicleEF	LHD1	9.6500e-004	8.9000e-004
tblVehicleEF	LHD1	0.01	9.8770e-003
tblVehicleEF	LHD1	0.01	9.8260e-003
tblVehicleEF	LHD1	9.5800e-004	2.6000e-004
tblVehicleEF	LHD1	9.2400e-004	8.5100e-004
tblVehicleEF	LHD1	2.5390e-003	2.4690e-003
tblVehicleEF	LHD1	0.01	9.3750e-003
tblVehicleEF	LHD1	8.8100e-004	2.3900e-004
tblVehicleEF	LHD1	7.3080e-003	5.4780e-003
tblVehicleEF	LHD1	0.13	0.10
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	4.1220e-003	3.0450e-003
tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	0.36	0.56
tblVehicleEF	LHD1	0.25	0.08
tblVehicleEF	LHD1	9.2000e-005	9.0000e-005
tblVehicleEF	LHD1	5.9770e-003	6.3570e-003
tblVehicleEF	LHD1	3.5000e-004	1.1000e-004
tblVehicleEF	LHD1	7.3080e-003	5.4780e-003
tblVehicleEF	LHD1	0.13	0.10
tblVehicleEF	LHD1	0.02	0.03

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tblVehicleEF	LHD1	4.1220e-003	3.0450e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.36	0.56
tblVehicleEF	LHD1	0.28	0.08
tblVehicleEF	LHD1	5.2170e-003	5.0870e-003
tblVehicleEF	LHD1	0.01	6.1100e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	1.07	0.75
tblVehicleEF	LHD1	2.55	1.02
tblVehicleEF	LHD1	9.23	9.25
tblVehicleEF	LHD1	609.20	652.45
tblVehicleEF	LHD1	30.40	11.20
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	2.08	1.23
tblVehicleEF	LHD1	0.97	0.31
tblVehicleEF	LHD1	9.6500e-004	8.9000e-004
tblVehicleEF	LHD1	0.01	9.8770e-003
tblVehicleEF	LHD1	0.01	9.8260e-003
tblVehicleEF	LHD1	9.5800e-004	2.6000e-004
tblVehicleEF	LHD1	9.2400e-004	8.5100e-004
tblVehicleEF	LHD1	2.5390e-003	2.4690e-003
tblVehicleEF	LHD1	0.01	9.3750e-003
tblVehicleEF	LHD1	8.8100e-004	2.3900e-004
tblVehicleEF	LHD1	4.0430e-003	3.1520e-003
tblVehicleEF	LHD1	0.13	0.10
tblVehicleEF	LHD1	0.02	0.02

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tblVehicleEF	LHD1	1.7940e-003	1.6100e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.38	0.60
tblVehicleEF	LHD1	0.26	0.08
tblVehicleEF	LHD1	9.2000e-005	9.0000e-005
tblVehicleEF	LHD1	5.9760e-003	6.3570e-003
tblVehicleEF	LHD1	3.5200e-004	1.1100e-004
tblVehicleEF	LHD1	4.0430e-003	3.1520e-003
tblVehicleEF	LHD1	0.13	0.10
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.7940e-003	1.6100e-003
tblVehicleEF	LHD1	0.10	0.08
tblVehicleEF	LHD1	0.38	0.60
tblVehicleEF	LHD1	0.29	0.09
tblVehicleEF	LHD2	3.5950e-003	3.6950e-003
tblVehicleEF	LHD2	4.6110e-003	4.1040e-003
tblVehicleEF	LHD2	8.1370e-003	0.01
tblVehicleEF	LHD2	0.12	0.15
tblVehicleEF	LHD2	0.50	0.50
tblVehicleEF	LHD2	1.20	0.67
tblVehicleEF	LHD2	14.27	14.14
tblVehicleEF	LHD2	608.52	665.25
tblVehicleEF	LHD2	24.46	8.76
tblVehicleEF	LHD2	0.11	0.10
tblVehicleEF	LHD2	1.49	1.36
tblVehicleEF	LHD2	0.53	0.22
tblVehicleEF	LHD2	1.2830e-003	1.3100e-003

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tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.0000e-004	1.3700e-004
tblVehicleEF	LHD2	1.2280e-003	1.2540e-003
tblVehicleEF	LHD2	2.6860e-003	2.6560e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.6800e-004	1.2600e-004
tblVehicleEF	LHD2	1.3070e-003	1.7040e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	7.0300e-004	9.2000e-004
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.09	0.32
tblVehicleEF	LHD2	0.11	0.05
tblVehicleEF	LHD2	1.3900e-004	1.3500e-004
tblVehicleEF	LHD2	5.9200e-003	6.4300e-003
tblVehicleEF	LHD2	2.6700e-004	8.7000e-005
tblVehicleEF	LHD2	1.3070e-003	1.7040e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.0300e-004	9.2000e-004
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.09	0.32
tblVehicleEF	LHD2	0.12	0.06
tblVehicleEF	LHD2	3.5950e-003	3.7050e-003
tblVehicleEF	LHD2	4.6760e-003	4.1460e-003
tblVehicleEF	LHD2	7.7630e-003	0.01

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tblVehicleEF	LHD2	0.12	0.15
tblVehicleEF	LHD2	0.50	0.50
tblVehicleEF	LHD2	1.13	0.64
tblVehicleEF	LHD2	14.27	14.14
tblVehicleEF	LHD2	608.52	665.25
tblVehicleEF	LHD2	24.46	8.70
tblVehicleEF	LHD2	0.11	0.10
tblVehicleEF	LHD2	1.40	1.28
tblVehicleEF	LHD2	0.50	0.21
tblVehicleEF	LHD2	1.2830e-003	1.3100e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.0000e-004	1.3700e-004
tblVehicleEF	LHD2	1.2280e-003	1.2540e-003
tblVehicleEF	LHD2	2.6860e-003	2.6560e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.6800e-004	1.2600e-004
tblVehicleEF	LHD2	2.5220e-003	3.0730e-003
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.5220e-003	1.7630e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.09	0.32
tblVehicleEF	LHD2	0.10	0.05
tblVehicleEF	LHD2	1.3900e-004	1.3500e-004
tblVehicleEF	LHD2	5.9200e-003	6.4300e-003
tblVehicleEF	LHD2	2.6500e-004	8.6000e-005

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tblVehicleEF	LHD2	2.5220e-003	3.0730e-003
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.5220e-003	1.7630e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.09	0.32
tblVehicleEF	LHD2	0.11	0.05
tblVehicleEF	LHD2	3.5950e-003	3.6960e-003
tblVehicleEF	LHD2	4.6180e-003	4.1080e-003
tblVehicleEF	LHD2	8.0640e-003	0.01
tblVehicleEF	LHD2	0.12	0.15
tblVehicleEF	LHD2	0.50	0.50
tblVehicleEF	LHD2	1.19	0.67
tblVehicleEF	LHD2	14.27	14.14
tblVehicleEF	LHD2	608.52	665.25
tblVehicleEF	LHD2	24.46	8.75
tblVehicleEF	LHD2	0.11	0.10
tblVehicleEF	LHD2	1.46	1.33
tblVehicleEF	LHD2	0.52	0.22
tblVehicleEF	LHD2	1.2830e-003	1.3100e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.0000e-004	1.3700e-004
tblVehicleEF	LHD2	1.2280e-003	1.2540e-003
tblVehicleEF	LHD2	2.6860e-003	2.6560e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.6800e-004	1.2600e-004

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tblVehicleEF	LHD2	1.3460e-003	1.7140e-003
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	6.8700e-004	9.2200e-004
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.10	0.34
tblVehicleEF	LHD2	0.11	0.05
tblVehicleEF	LHD2	1.3900e-004	1.3500e-004
tblVehicleEF	LHD2	5.9200e-003	6.4300e-003
tblVehicleEF	LHD2	2.6600e-004	8.7000e-005
tblVehicleEF	LHD2	1.3460e-003	1.7140e-003
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.8700e-004	9.2200e-004
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.10	0.34
tblVehicleEF	LHD2	0.12	0.06
tblVehicleEF	MCY	0.43	0.34
tblVehicleEF	MCY	0.16	0.24
tblVehicleEF	MCY	20.55	19.26
tblVehicleEF	MCY	9.93	8.60
tblVehicleEF	MCY	167.73	212.03
tblVehicleEF	MCY	46.45	60.73
tblVehicleEF	MCY	1.16	1.13
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	1.8610e-003	1.9650e-003
tblVehicleEF	MCY	3.6730e-003	2.9600e-003

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tblVehicleEF	MCY	1.7420e-003	1.8380e-003
tblVehicleEF	MCY	3.4650e-003	2.7870e-003
tblVehicleEF	MCY	1.45	1.42
tblVehicleEF	MCY	0.84	0.80
tblVehicleEF	MCY	0.80	0.78
tblVehicleEF	MCY	2.23	2.33
tblVehicleEF	MCY	0.49	1.91
tblVehicleEF	MCY	2.16	1.84
tblVehicleEF	MCY	2.0770e-003	2.0980e-003
tblVehicleEF	MCY	6.9000e-004	6.0100e-004
tblVehicleEF	MCY	1.45	1.42
tblVehicleEF	MCY	0.84	0.80
tblVehicleEF	MCY	0.80	0.78
tblVehicleEF	MCY	2.74	2.87
tblVehicleEF	MCY	0.49	1.91
tblVehicleEF	MCY	2.35	2.01
tblVehicleEF	MCY	0.42	0.34
tblVehicleEF	MCY	0.14	0.21
tblVehicleEF	MCY	20.68	19.28
tblVehicleEF	MCY	9.05	7.90
tblVehicleEF	MCY	167.73	211.90
tblVehicleEF	MCY	46.45	58.88
tblVehicleEF	MCY	0.99	0.97
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	1.8610e-003	1.9650e-003
tblVehicleEF	MCY	3.6730e-003	2.9600e-003
tblVehicleEF	MCY	1.7420e-003	1.8380e-003

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tblVehicleEF	MCY	3.4650e-003	2.7870e-003
tblVehicleEF	MCY	3.14	2.77
tblVehicleEF	MCY	1.27	1.11
tblVehicleEF	MCY	2.13	1.77
tblVehicleEF	MCY	2.17	2.28
tblVehicleEF	MCY	0.49	1.88
tblVehicleEF	MCY	1.86	1.62
tblVehicleEF	MCY	2.0770e-003	2.0970e-003
tblVehicleEF	MCY	6.6700e-004	5.8300e-004
tblVehicleEF	MCY	3.14	2.77
tblVehicleEF	MCY	1.27	1.11
tblVehicleEF	MCY	2.13	1.77
tblVehicleEF	MCY	2.67	2.81
tblVehicleEF	MCY	0.49	1.88
tblVehicleEF	MCY	2.02	1.76
tblVehicleEF	MCY	0.42	0.34
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	19.63	18.76
tblVehicleEF	MCY	9.55	8.44
tblVehicleEF	MCY	167.73	211.17
tblVehicleEF	MCY	46.45	60.38
tblVehicleEF	MCY	1.12	1.09
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	1.8610e-003	1.9650e-003
tblVehicleEF	MCY	3.6730e-003	2.9600e-003
tblVehicleEF	MCY	1.7420e-003	1.8380e-003
tblVehicleEF	MCY	3.4650e-003	2.7870e-003

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tblVehicleEF	MCY	1.71	1.57
tblVehicleEF	MCY	1.13	1.06
tblVehicleEF	MCY	0.72	0.74
tblVehicleEF	MCY	2.19	2.31
tblVehicleEF	MCY	0.56	2.18
tblVehicleEF	MCY	2.08	1.81
tblVehicleEF	MCY	2.0610e-003	2.0900e-003
tblVehicleEF	MCY	6.8200e-004	5.9800e-004
tblVehicleEF	MCY	1.71	1.57
tblVehicleEF	MCY	1.13	1.06
tblVehicleEF	MCY	0.72	0.74
tblVehicleEF	MCY	2.69	2.84
tblVehicleEF	MCY	0.56	2.18
tblVehicleEF	MCY	2.27	1.98
tblVehicleEF	MDV	0.01	5.5200e-003
tblVehicleEF	MDV	0.02	0.09
tblVehicleEF	MDV	1.35	1.14
tblVehicleEF	MDV	3.25	3.25
tblVehicleEF	MDV	483.94	415.10
tblVehicleEF	MDV	107.92	87.32
tblVehicleEF	MDV	0.17	0.11
tblVehicleEF	MDV	0.32	0.38
tblVehicleEF	MDV	1.8260e-003	1.6850e-003
tblVehicleEF	MDV	2.5170e-003	2.0310e-003
tblVehicleEF	MDV	1.6830e-003	1.5540e-003
tblVehicleEF	MDV	2.3150e-003	1.8680e-003
tblVehicleEF	MDV	0.10	0.11

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tblVehicleEF	MDV	0.20	0.17
tblVehicleEF	MDV	0.08	0.10
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.50
tblVehicleEF	MDV	0.25	0.44
tblVehicleEF	MDV	4.8500e-003	4.0780e-003
tblVehicleEF	MDV	1.1370e-003	8.5900e-004
tblVehicleEF	MDV	0.10	0.11
tblVehicleEF	MDV	0.20	0.17
tblVehicleEF	MDV	0.08	0.10
tblVehicleEF	MDV	0.05	0.03
tblVehicleEF	MDV	0.11	0.50
tblVehicleEF	MDV	0.28	0.48
tblVehicleEF	MDV	0.01	6.2110e-003
tblVehicleEF	MDV	0.02	0.08
tblVehicleEF	MDV	1.64	1.35
tblVehicleEF	MDV	2.69	2.72
tblVehicleEF	MDV	526.85	438.45
tblVehicleEF	MDV	107.92	86.27
tblVehicleEF	MDV	0.16	0.10
tblVehicleEF	MDV	0.30	0.35
tblVehicleEF	MDV	1.8260e-003	1.6850e-003
tblVehicleEF	MDV	2.5170e-003	2.0310e-003
tblVehicleEF	MDV	1.6830e-003	1.5540e-003
tblVehicleEF	MDV	2.3150e-003	1.8680e-003
tblVehicleEF	MDV	0.20	0.21
tblVehicleEF	MDV	0.23	0.19

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tblVehicleEF	MDV	0.17	0.19
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.11	0.49
tblVehicleEF	MDV	0.21	0.38
tblVehicleEF	MDV	5.2830e-003	4.3080e-003
tblVehicleEF	MDV	1.1260e-003	8.4800e-004
tblVehicleEF	MDV	0.20	0.21
tblVehicleEF	MDV	0.23	0.19
tblVehicleEF	MDV	0.17	0.19
tblVehicleEF	MDV	0.05	0.04
tblVehicleEF	MDV	0.11	0.49
tblVehicleEF	MDV	0.23	0.41
tblVehicleEF	MDV	0.01	5.4050e-003
tblVehicleEF	MDV	0.02	0.09
tblVehicleEF	MDV	1.28	1.09
tblVehicleEF	MDV	3.20	3.26
tblVehicleEF	MDV	473.93	410.75
tblVehicleEF	MDV	107.92	87.35
tblVehicleEF	MDV	0.16	0.10
tblVehicleEF	MDV	0.32	0.38
tblVehicleEF	MDV	1.8260e-003	1.6850e-003
tblVehicleEF	MDV	2.5170e-003	2.0310e-003
tblVehicleEF	MDV	1.6830e-003	1.5540e-003
tblVehicleEF	MDV	2.3150e-003	1.8680e-003
tblVehicleEF	MDV	0.10	0.11
tblVehicleEF	MDV	0.22	0.18
tblVehicleEF	MDV	0.08	0.10

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tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.13	0.57
tblVehicleEF	MDV	0.25	0.44
tblVehicleEF	MDV	4.7490e-003	4.0360e-003
tblVehicleEF	MDV	1.1360e-003	8.5900e-004
tblVehicleEF	MDV	0.10	0.11
tblVehicleEF	MDV	0.22	0.18
tblVehicleEF	MDV	0.08	0.10
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.13	0.57
tblVehicleEF	MDV	0.27	0.48
tblVehicleEF	MH	0.04	3.6580e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	3.07	0.35
tblVehicleEF	MH	6.43	0.00
tblVehicleEF	MH	1,045.05	970.21
tblVehicleEF	MH	59.49	0.00
tblVehicleEF	MH	1.54	4.24
tblVehicleEF	MH	0.91	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.11
tblVehicleEF	MH	1.1740e-003	0.00
tblVehicleEF	MH	3.2230e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.11
tblVehicleEF	MH	1.0790e-003	0.00
tblVehicleEF	MH	1.47	0.00
tblVehicleEF	MH	0.09	0.00

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tblVehicleEF	MH	0.51	0.00
tblVehicleEF	MH	0.10	0.08
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.37	0.00
tblVehicleEF	MH	0.01	9.1720e-003
tblVehicleEF	MH	7.0700e-004	0.00
tblVehicleEF	MH	1.47	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.51	0.00
tblVehicleEF	MH	0.14	0.09
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.40	0.00
tblVehicleEF	MH	0.04	3.6580e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	3.19	0.35
tblVehicleEF	MH	5.84	0.00
tblVehicleEF	MH	1,045.05	970.21
tblVehicleEF	MH	59.49	0.00
tblVehicleEF	MH	1.41	4.00
tblVehicleEF	MH	0.86	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.11
tblVehicleEF	MH	1.1740e-003	0.00
tblVehicleEF	MH	3.2230e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.11
tblVehicleEF	MH	1.0790e-003	0.00
tblVehicleEF	MH	2.91	0.00

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tblVehicleEF	MH	0.11	0.00
tblVehicleEF	MH	1.21	0.00
tblVehicleEF	MH	0.11	0.08
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.34	0.00
tblVehicleEF	MH	0.01	9.1720e-003
tblVehicleEF	MH	6.9700e-004	0.00
tblVehicleEF	MH	2.91	0.00
tblVehicleEF	MH	0.11	0.00
tblVehicleEF	MH	1.21	0.00
tblVehicleEF	MH	0.15	0.09
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.04	3.6580e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	3.08	0.35
tblVehicleEF	MH	6.36	0.00
tblVehicleEF	MH	1,045.05	970.21
tblVehicleEF	MH	59.49	0.00
tblVehicleEF	MH	1.51	4.17
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.11
tblVehicleEF	MH	1.1740e-003	0.00
tblVehicleEF	MH	3.2230e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.11
tblVehicleEF	MH	1.0790e-003	0.00

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tblVehicleEF	MH	1.75	0.00
tblVehicleEF	MH	0.11	0.00
tblVehicleEF	MH	0.53	0.00
tblVehicleEF	MH	0.10	0.08
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.37	0.00
tblVehicleEF	MH	0.01	9.1720e-003
tblVehicleEF	MH	7.0600e-004	0.00
tblVehicleEF	MH	1.75	0.00
tblVehicleEF	MH	0.11	0.00
tblVehicleEF	MH	0.53	0.00
tblVehicleEF	MH	0.15	0.09
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.40	0.00
tblVehicleEF	MHD	0.02	2.5070e-003
tblVehicleEF	MHD	3.5160e-003	3.3210e-003
tblVehicleEF	MHD	0.05	6.4670e-003
tblVehicleEF	MHD	0.32	0.31
tblVehicleEF	MHD	0.27	0.32
tblVehicleEF	MHD	5.32	0.74
tblVehicleEF	MHD	156.91	68.92
tblVehicleEF	MHD	1,101.52	974.57
tblVehicleEF	MHD	52.43	6.35
tblVehicleEF	MHD	0.60	0.52
tblVehicleEF	MHD	0.99	1.61
tblVehicleEF	MHD	11.88	1.50
tblVehicleEF	MHD	3.8600e-004	1.2310e-003

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tblVehicleEF	MHD	5.0030e-003	0.04
tblVehicleEF	MHD	7.6400e-004	7.5000e-005
tblVehicleEF	MHD	3.6900e-004	1.1780e-003
tblVehicleEF	MHD	4.7830e-003	0.03
tblVehicleEF	MHD	7.0300e-004	6.9000e-005
tblVehicleEF	MHD	1.2800e-003	4.5300e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	6.5100e-004	2.4000e-004
tblVehicleEF	MHD	0.04	0.06
tblVehicleEF	MHD	0.02	0.08
tblVehicleEF	MHD	0.32	0.03
tblVehicleEF	MHD	1.5080e-003	6.5300e-004
tblVehicleEF	MHD	0.01	9.2620e-003
tblVehicleEF	MHD	6.1700e-004	6.3000e-005
tblVehicleEF	MHD	1.2800e-003	4.5300e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	6.5100e-004	2.4000e-004
tblVehicleEF	MHD	0.04	0.07
tblVehicleEF	MHD	0.02	0.08
tblVehicleEF	MHD	0.35	0.04
tblVehicleEF	MHD	0.02	2.3860e-003
tblVehicleEF	MHD	3.5800e-003	3.3450e-003
tblVehicleEF	MHD	0.05	6.2100e-003
tblVehicleEF	MHD	0.24	0.26
tblVehicleEF	MHD	0.28	0.33

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tblVehicleEF	MHD	4.97	0.70
tblVehicleEF	MHD	166.20	69.59
tblVehicleEF	MHD	1,101.52	974.58
tblVehicleEF	MHD	52.43	6.28
tblVehicleEF	MHD	0.62	0.52
tblVehicleEF	MHD	0.92	1.52
tblVehicleEF	MHD	11.85	1.49
tblVehicleEF	MHD	3.2500e-004	1.0410e-003
tblVehicleEF	MHD	5.0030e-003	0.04
tblVehicleEF	MHD	7.6400e-004	7.5000e-005
tblVehicleEF	MHD	3.1100e-004	9.9600e-004
tblVehicleEF	MHD	4.7830e-003	0.03
tblVehicleEF	MHD	7.0300e-004	6.9000e-005
tblVehicleEF	MHD	2.5300e-003	8.2800e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.5010e-003	4.7800e-004
tblVehicleEF	MHD	0.04	0.06
tblVehicleEF	MHD	0.02	0.08
tblVehicleEF	MHD	0.30	0.03
tblVehicleEF	MHD	1.5950e-003	6.5900e-004
tblVehicleEF	MHD	0.01	9.2620e-003
tblVehicleEF	MHD	6.1100e-004	6.2000e-005
tblVehicleEF	MHD	2.5300e-003	8.2800e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	1.5010e-003	4.7800e-004

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tblVehicleEF	MHD	0.04	0.07
tblVehicleEF	MHD	0.02	0.08
tblVehicleEF	MHD	0.33	0.04
tblVehicleEF	MHD	0.02	2.6830e-003
tblVehicleEF	MHD	3.5220e-003	3.3210e-003
tblVehicleEF	MHD	0.05	6.4200e-003
tblVehicleEF	MHD	0.45	0.37
tblVehicleEF	MHD	0.27	0.32
tblVehicleEF	MHD	5.23	0.74
tblVehicleEF	MHD	144.06	68.00
tblVehicleEF	MHD	1,101.52	974.57
tblVehicleEF	MHD	52.43	6.34
tblVehicleEF	MHD	0.57	0.52
tblVehicleEF	MHD	0.97	1.59
tblVehicleEF	MHD	11.87	1.50
tblVehicleEF	MHD	4.7000e-004	1.4940e-003
tblVehicleEF	MHD	5.0030e-003	0.04
tblVehicleEF	MHD	7.6400e-004	7.5000e-005
tblVehicleEF	MHD	4.4900e-004	1.4300e-003
tblVehicleEF	MHD	4.7830e-003	0.03
tblVehicleEF	MHD	7.0300e-004	6.9000e-005
tblVehicleEF	MHD	1.3890e-003	4.7100e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	6.4000e-004	2.4400e-004
tblVehicleEF	MHD	0.04	0.06
tblVehicleEF	MHD	0.02	0.09

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tblVehicleEF	MHD	0.32	0.03
tblVehicleEF	MHD	1.3860e-003	6.4400e-004
tblVehicleEF	MHD	0.01	9.2620e-003
tblVehicleEF	MHD	6.1600e-004	6.3000e-005
tblVehicleEF	MHD	1.3890e-003	4.7100e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	6.4000e-004	2.4400e-004
tblVehicleEF	MHD	0.04	0.07
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.35	0.04
tblVehicleEF	OBUS	0.01	8.8190e-003
tblVehicleEF	OBUS	9.9110e-003	6.5960e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.26	0.52
tblVehicleEF	OBUS	0.63	0.77
tblVehicleEF	OBUS	6.27	2.45
tblVehicleEF	OBUS	70.35	76.06
tblVehicleEF	OBUS	1,121.50	1,406.90
tblVehicleEF	OBUS	70.70	20.49
tblVehicleEF	OBUS	0.28	0.34
tblVehicleEF	OBUS	0.97	1.24
tblVehicleEF	OBUS	1.93	0.68
tblVehicleEF	OBUS	6.4000e-005	5.8900e-004
tblVehicleEF	OBUS	4.6440e-003	0.01
tblVehicleEF	OBUS	9.2900e-004	2.1800e-004
tblVehicleEF	OBUS	6.1000e-005	5.6400e-004

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tblVehicleEF	OBUS	4.4220e-003	0.01
tblVehicleEF	OBUS	8.5400e-004	2.0100e-004
tblVehicleEF	OBUS	2.1800e-003	2.6020e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	9.3100e-004	1.1160e-003
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	0.05	0.29
tblVehicleEF	OBUS	0.38	0.12
tblVehicleEF	OBUS	6.8400e-004	7.2500e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.1700e-004	2.0300e-004
tblVehicleEF	OBUS	2.1800e-003	2.6020e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	9.3100e-004	1.1160e-003
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	0.05	0.29
tblVehicleEF	OBUS	0.42	0.13
tblVehicleEF	OBUS	0.01	8.8750e-003
tblVehicleEF	OBUS	0.01	6.7350e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.26	0.51
tblVehicleEF	OBUS	0.65	0.79
tblVehicleEF	OBUS	5.74	2.28
tblVehicleEF	OBUS	73.50	75.90
tblVehicleEF	OBUS	1,121.50	1,406.93

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tblVehicleEF	OBUS	70.70	20.20
tblVehicleEF	OBUS	0.29	0.34
tblVehicleEF	OBUS	0.90	1.16
tblVehicleEF	OBUS	1.88	0.67
tblVehicleEF	OBUS	5.4000e-005	5.0100e-004
tblVehicleEF	OBUS	4.6440e-003	0.01
tblVehicleEF	OBUS	9.2900e-004	2.1800e-004
tblVehicleEF	OBUS	5.1000e-005	4.7900e-004
tblVehicleEF	OBUS	4.4220e-003	0.01
tblVehicleEF	OBUS	8.5400e-004	2.0100e-004
tblVehicleEF	OBUS	4.2350e-003	4.6860e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	2.1330e-003	2.2090e-003
tblVehicleEF	OBUS	0.05	0.05
tblVehicleEF	OBUS	0.05	0.29
tblVehicleEF	OBUS	0.36	0.11
tblVehicleEF	OBUS	7.1400e-004	7.2400e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.0800e-004	2.0000e-004
tblVehicleEF	OBUS	4.2350e-003	4.6860e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	2.1330e-003	2.2090e-003
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	0.05	0.29
tblVehicleEF	OBUS	0.40	0.12

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tblVehicleEF	OBUS	0.01	8.7740e-003
tblVehicleEF	OBUS	9.9380e-003	6.6000e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.28	0.53
tblVehicleEF	OBUS	0.63	0.77
tblVehicleEF	OBUS	6.22	2.45
tblVehicleEF	OBUS	66.00	76.30
tblVehicleEF	OBUS	1,121.50	1,406.90
tblVehicleEF	OBUS	70.70	20.50
tblVehicleEF	OBUS	0.27	0.35
tblVehicleEF	OBUS	0.96	1.22
tblVehicleEF	OBUS	1.91	0.68
tblVehicleEF	OBUS	7.7000e-005	7.1200e-004
tblVehicleEF	OBUS	4.6440e-003	0.01
tblVehicleEF	OBUS	9.2900e-004	2.1800e-004
tblVehicleEF	OBUS	7.4000e-005	6.8100e-004
tblVehicleEF	OBUS	4.4220e-003	0.01
tblVehicleEF	OBUS	8.5400e-004	2.0100e-004
tblVehicleEF	OBUS	2.3200e-003	2.7390e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	9.4100e-004	1.1650e-003
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	0.05	0.30
tblVehicleEF	OBUS	0.38	0.12
tblVehicleEF	OBUS	6.4200e-004	7.2700e-004
tblVehicleEF	OBUS	0.01	0.01

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tblVehicleEF	OBUS	8.1600e-004	2.0300e-004
tblVehicleEF	OBUS	2.3200e-003	2.7390e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	9.4100e-004	1.1650e-003
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	0.05	0.30
tblVehicleEF	OBUS	0.42	0.13
tblVehicleEF	SBUS	0.84	0.06
tblVehicleEF	SBUS	0.01	8.5840e-003
tblVehicleEF	SBUS	0.07	6.1570e-003
tblVehicleEF	SBUS	5.71	2.50
tblVehicleEF	SBUS	0.65	0.78
tblVehicleEF	SBUS	5.33	0.82
tblVehicleEF	SBUS	1,258.13	345.06
tblVehicleEF	SBUS	1,136.31	1,112.17
tblVehicleEF	SBUS	37.11	4.79
tblVehicleEF	SBUS	11.70	3.29
tblVehicleEF	SBUS	4.77	5.20
tblVehicleEF	SBUS	15.02	0.91
tblVehicleEF	SBUS	0.01	4.3580e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	5.1700e-004	4.0000e-005
tblVehicleEF	SBUS	0.01	4.1690e-003
tblVehicleEF	SBUS	2.7560e-003	2.7010e-003
tblVehicleEF	SBUS	0.03	0.03

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tblVehicleEF	SBUS	4.7500e-004	3.6000e-005
tblVehicleEF	SBUS	2.9260e-003	1.2420e-003
tblVehicleEF	SBUS	0.02	9.5120e-003
tblVehicleEF	SBUS	0.68	0.28
tblVehicleEF	SBUS	1.3050e-003	5.9000e-004
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	9.3510e-003	0.06
tblVehicleEF	SBUS	0.27	0.04
tblVehicleEF	SBUS	0.01	3.2890e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	4.6300e-004	4.7000e-005
tblVehicleEF	SBUS	2.9260e-003	1.2420e-003
tblVehicleEF	SBUS	0.02	9.5120e-003
tblVehicleEF	SBUS	0.97	0.40
tblVehicleEF	SBUS	1.3050e-003	5.9000e-004
tblVehicleEF	SBUS	0.13	0.13
tblVehicleEF	SBUS	9.3510e-003	0.06
tblVehicleEF	SBUS	0.30	0.04
tblVehicleEF	SBUS	0.84	0.06
tblVehicleEF	SBUS	0.01	8.7140e-003
tblVehicleEF	SBUS	0.06	5.1550e-003
tblVehicleEF	SBUS	5.56	2.47
tblVehicleEF	SBUS	0.66	0.80
tblVehicleEF	SBUS	3.65	0.60
tblVehicleEF	SBUS	1,322.00	352.98
tblVehicleEF	SBUS	1,136.31	1,112.20
tblVehicleEF	SBUS	37.11	4.41

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tblVehicleEF	SBUS	12.08	3.36
tblVehicleEF	SBUS	4.47	4.88
tblVehicleEF	SBUS	14.99	0.90
tblVehicleEF	SBUS	0.01	3.6810e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	5.1700e-004	4.0000e-005
tblVehicleEF	SBUS	9.6490e-003	3.5220e-003
tblVehicleEF	SBUS	2.7560e-003	2.7010e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	4.7500e-004	3.6000e-005
tblVehicleEF	SBUS	5.6170e-003	2.2080e-003
tblVehicleEF	SBUS	0.02	9.9850e-003
tblVehicleEF	SBUS	0.67	0.28
tblVehicleEF	SBUS	2.8800e-003	1.1130e-003
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	8.5310e-003	0.06
tblVehicleEF	SBUS	0.22	0.03
tblVehicleEF	SBUS	0.01	3.3630e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	4.3500e-004	4.4000e-005
tblVehicleEF	SBUS	5.6170e-003	2.2080e-003
tblVehicleEF	SBUS	0.02	9.9850e-003
tblVehicleEF	SBUS	0.97	0.40
tblVehicleEF	SBUS	2.8800e-003	1.1130e-003
tblVehicleEF	SBUS	0.13	0.13
tblVehicleEF	SBUS	8.5310e-003	0.06

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tblVehicleEF	SBUS	0.24	0.03
tblVehicleEF	SBUS	0.84	0.06
tblVehicleEF	SBUS	0.01	8.5760e-003
tblVehicleEF	SBUS	0.07	6.3440e-003
tblVehicleEF	SBUS	5.91	2.56
tblVehicleEF	SBUS	0.65	0.78
tblVehicleEF	SBUS	5.37	0.86
tblVehicleEF	SBUS	1,169.92	334.13
tblVehicleEF	SBUS	1,136.31	1,112.17
tblVehicleEF	SBUS	37.11	4.85
tblVehicleEF	SBUS	11.19	3.19
tblVehicleEF	SBUS	4.69	5.12
tblVehicleEF	SBUS	15.02	0.91
tblVehicleEF	SBUS	0.01	5.2920e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	5.1700e-004	4.0000e-005
tblVehicleEF	SBUS	0.01	5.0630e-003
tblVehicleEF	SBUS	2.7560e-003	2.7010e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	4.7500e-004	3.6000e-005
tblVehicleEF	SBUS	2.9580e-003	1.2070e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.68	0.28
tblVehicleEF	SBUS	1.2820e-003	6.0100e-004
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	0.01	0.08

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tblVehicleEF	SBUS	0.28	0.04
tblVehicleEF	SBUS	0.01	3.1850e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	4.6400e-004	4.8000e-005
tblVehicleEF	SBUS	2.9580e-003	1.2070e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.98	0.40
tblVehicleEF	SBUS	1.2820e-003	6.0100e-004
tblVehicleEF	SBUS	0.13	0.13
tblVehicleEF	SBUS	0.01	0.08
tblVehicleEF	SBUS	0.31	0.04
tblVehicleEF	UBUS	1.83	4.45
tblVehicleEF	UBUS	0.08	0.01
tblVehicleEF	UBUS	9.26	34.75
tblVehicleEF	UBUS	14.34	0.89
tblVehicleEF	UBUS	1,846.39	1,692.13
tblVehicleEF	UBUS	136.37	11.77
tblVehicleEF	UBUS	5.87	0.38
tblVehicleEF	UBUS	13.57	0.14
tblVehicleEF	UBUS	0.52	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.07	2.6550e-003
tblVehicleEF	UBUS	1.4030e-003	1.4100e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	6.6220e-003
tblVehicleEF	UBUS	0.06	2.5280e-003
tblVehicleEF	UBUS	1.2900e-003	1.3000e-004

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tblVehicleEF	UBUS	8.0860e-003	1.6780e-003
tblVehicleEF	UBUS	0.11	9.5390e-003
tblVehicleEF	UBUS	3.9450e-003	7.3700e-004
tblVehicleEF	UBUS	0.61	0.07
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	1.15	0.04
tblVehicleEF	UBUS	0.01	3.0250e-003
tblVehicleEF	UBUS	1.6240e-003	1.1700e-004
tblVehicleEF	UBUS	8.0860e-003	1.6780e-003
tblVehicleEF	UBUS	0.11	9.5390e-003
tblVehicleEF	UBUS	3.9450e-003	7.3700e-004
tblVehicleEF	UBUS	2.50	4.54
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	1.25	0.04
tblVehicleEF	UBUS	1.83	4.45
tblVehicleEF	UBUS	0.08	9.2350e-003
tblVehicleEF	UBUS	9.36	34.75
tblVehicleEF	UBUS	11.74	0.76
tblVehicleEF	UBUS	1,846.39	1,692.13
tblVehicleEF	UBUS	136.37	11.55
tblVehicleEF	UBUS	5.45	0.38
tblVehicleEF	UBUS	13.45	0.13
tblVehicleEF	UBUS	0.52	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.07	2.6550e-003
tblVehicleEF	UBUS	1.4030e-003	1.4100e-004
tblVehicleEF	UBUS	0.22	0.03

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tblVehicleEF	UBUS	3.0000e-003	6.6220e-003
tblVehicleEF	UBUS	0.06	2.5280e-003
tblVehicleEF	UBUS	1.2900e-003	1.3000e-004
tblVehicleEF	UBUS	0.02	3.0610e-003
tblVehicleEF	UBUS	0.14	0.01
tblVehicleEF	UBUS	9.3320e-003	1.4840e-003
tblVehicleEF	UBUS	0.62	0.07
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	1.02	0.03
tblVehicleEF	UBUS	0.01	3.0250e-003
tblVehicleEF	UBUS	1.5790e-003	1.1400e-004
tblVehicleEF	UBUS	0.02	3.0610e-003
tblVehicleEF	UBUS	0.14	0.01
tblVehicleEF	UBUS	9.3320e-003	1.4840e-003
tblVehicleEF	UBUS	2.52	4.54
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	1.12	0.04
tblVehicleEF	UBUS	1.83	4.45
tblVehicleEF	UBUS	0.08	0.01
tblVehicleEF	UBUS	9.27	34.75
tblVehicleEF	UBUS	13.86	0.90
tblVehicleEF	UBUS	1,846.39	1,692.13
tblVehicleEF	UBUS	136.37	11.80
tblVehicleEF	UBUS	5.76	0.38
tblVehicleEF	UBUS	13.55	0.14
tblVehicleEF	UBUS	0.52	0.07
tblVehicleEF	UBUS	0.01	0.03

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tblVehicleEF	UBUS	0.07	2.6550e-003
tblVehicleEF	UBUS	1.4030e-003	1.4100e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	6.6220e-003
tblVehicleEF	UBUS	0.06	2.5280e-003
tblVehicleEF	UBUS	1.2900e-003	1.3000e-004
tblVehicleEF	UBUS	9.2250e-003	1.6870e-003
tblVehicleEF	UBUS	0.14	0.01
tblVehicleEF	UBUS	4.1190e-003	7.4500e-004
tblVehicleEF	UBUS	0.61	0.07
tblVehicleEF	UBUS	0.03	0.05
tblVehicleEF	UBUS	1.13	0.04
tblVehicleEF	UBUS	0.01	3.0250e-003
tblVehicleEF	UBUS	1.6160e-003	1.1700e-004
tblVehicleEF	UBUS	9.2250e-003	1.6870e-003
tblVehicleEF	UBUS	0.14	0.01
tblVehicleEF	UBUS	4.1190e-003	7.4500e-004
tblVehicleEF	UBUS	2.50	4.54
tblVehicleEF	UBUS	0.03	0.05
tblVehicleEF	UBUS	1.24	0.04
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00

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tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	92.00	0.00
tblVehicleTrips	PR_TP	92.00	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblWater	IndoorWaterUseRate	32,895,312.50	0.00
tblWater	IndoorWaterUseRate	296,057,812.50	0.00

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2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.0476	0.6514	0.4805	1.4000e-003	0.0238	0.0228	0.0466	6.7500e-003	0.0210	0.0277	0.0000	129.3507	129.3507	0.0214	0.0000	129.8857
2022	4.3671	5.9830	7.9302	0.0238	1.4197	0.1661	1.5858	0.3805	0.1559	0.5364	0.0000	2,157.0332	2,157.0332	0.2114	0.0000	2,162.3176
Maximum	4.3671	5.9830	7.9302	0.0238	1.4197	0.1661	1.5858	0.3805	0.1559	0.5364	0.0000	2,157.0332	2,157.0332	0.2114	0.0000	2,162.3176

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.0183	0.3730	0.5070	1.4000e-003	0.0238	5.5100e-003	0.0293	6.7500e-003	5.4900e-003	0.0122	0.0000	129.3506	129.3506	0.0214	0.0000	129.8856
2022	4.1369	4.4896	8.3913	0.0238	1.4197	0.1389	1.5587	0.3805	0.1381	0.5186	0.0000	2,157.0325	2,157.0325	0.2114	0.0000	2,162.3169
Maximum	4.1369	4.4896	8.3913	0.0238	1.4197	0.1389	1.5587	0.3805	0.1381	0.5186	0.0000	2,157.0325	2,157.0325	0.2114	0.0000	2,162.3169

Bridge Point Rancho Cucamonga (Building 1 Construction - Mitigated) - San Bernardino-South Coast County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	5.88	26.71	-5.80	0.00	0.00	23.51	2.72	0.00	18.81	5.90	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	10-5-2021	1-4-2022	0.7099	0.3959
2	1-5-2022	4-4-2022	1.5468	1.2383
3	4-5-2022	7-4-2022	3.3587	2.8203
4	7-5-2022	9-30-2022	3.2479	2.7274
		Highest	3.3587	2.8203

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	5.8789	3.0000e-004	0.0327	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0635	0.0635	1.7000e-004	0.0000	0.0677
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	5.8789	3.0000e-004	0.0327	0.0000	0.0000	1.2000e-004	1.2000e-004	0.0000	1.2000e-004	1.2000e-004	0.0000	0.0635	0.0635	1.7000e-004	0.0000	0.0677

Bridge Point Rancho Cucamonga (Building 1 Construction - Mitigated) - San Bernardino-South Coast County, Annual

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	5.8789	3.0000e-004	0.0327	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0635	0.0635	1.7000e-004	0.0000	0.0677
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	5.8789	3.0000e-004	0.0327	0.0000	0.0000	1.2000e-004	1.2000e-004	0.0000	1.2000e-004	1.2000e-004	0.0000	0.0635	0.0635	1.7000e-004	0.0000	0.0677

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Bridge Point Rancho Cucamonga (Building 1 Construction - Mitigated) - San Bernardino-South Coast County, Annual

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Utilities/Infrastructure Construction	Building Construction	10/5/2021	1/24/2022	5	80	
2	Paving	Paving	1/25/2022	2/21/2022	5	20	
3	Building Construction	Building Construction	2/22/2022	11/28/2022	5	200	
4	Architectural Coating	Architectural Coating	3/8/2022	11/28/2022	5	190	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 22.67

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 2,133,750; Non-Residential Outdoor: 711,250; Striped Parking Area: 59,266 (Architectural Coating – sqft)

OffRoad Equipment

Bridge Point Rancho Cucamonga (Building 1 Construction - Mitigated) - San Bernardino-South Coast County, Annual

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Utilities/Infrastructure Construction	Cranes	0	8.00	231	0.29
Utilities/Infrastructure Construction	Excavators	1	8.00	158	0.38
Utilities/Infrastructure Construction	Forklifts	0	8.00	89	0.20
Utilities/Infrastructure Construction	Generator Sets	0	8.00	84	0.74
Utilities/Infrastructure Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Utilities/Infrastructure Construction	Trenchers	1	8.00	78	0.50
Utilities/Infrastructure Construction	Welders	0	8.00	46	0.45
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	1	8.00	80	0.38
Building Construction	Aerial Lifts	8	8.00	63	0.31
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Crawler Tractors	1	8.00	212	0.43
Building Construction	Forklifts	2	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Other Construction Equipment	1	8.00	172	0.42
Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Welders	2	8.00	46	0.45
Architectural Coating	Air Compressors	1	8.00	78	0.48

Trips and VMT

Bridge Point Rancho Cucamonga (Building 1 Construction - Mitigated) - San Bernardino-South Coast County, Annual

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Utilities/Infrastructure Construction	5	15.00	92.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	3	8.00	23.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	19	973.00	118.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	195.00	112.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

3.2 Utilities/Infrastructure Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0376	0.3633	0.4051	5.7000e-004		0.0222	0.0222		0.0205	0.0205	0.0000	50.2164	50.2164	0.0162	0.0000	50.6224
Total	0.0376	0.3633	0.4051	5.7000e-004		0.0222	0.0222		0.0205	0.0205	0.0000	50.2164	50.2164	0.0162	0.0000	50.6224

Bridge Point Rancho Cucamonga (Building 1 Construction - Mitigated) - San Bernardino-South Coast County, Annual

3.2 Utilities/Infrastructure Construction - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.8100e-003	0.2864	0.0583	7.8000e-004	0.0186	4.9000e-004	0.0191	5.3600e-003	4.7000e-004	5.8300e-003	0.0000	74.7668	74.7668	5.0400e-003	0.0000	74.8927
Worker	2.2100e-003	1.6700e-003	0.0171	5.0000e-005	5.2600e-003	3.0000e-005	5.3000e-003	1.4000e-003	3.0000e-005	1.4300e-003	0.0000	4.3675	4.3675	1.2000e-004	0.0000	4.3706
Total	0.0100	0.2881	0.0754	8.3000e-004	0.0238	5.2000e-004	0.0244	6.7600e-003	5.0000e-004	7.2600e-003	0.0000	79.1343	79.1343	5.1600e-003	0.0000	79.2633

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.3200e-003	0.0849	0.4317	5.7000e-004		4.9800e-003	4.9800e-003		4.9800e-003	4.9800e-003	0.0000	50.2163	50.2163	0.0162	0.0000	50.6223
Total	8.3200e-003	0.0849	0.4317	5.7000e-004		4.9800e-003	4.9800e-003		4.9800e-003	4.9800e-003	0.0000	50.2163	50.2163	0.0162	0.0000	50.6223

Bridge Point Rancho Cucamonga (Building 1 Construction - Mitigated) - San Bernardino-South Coast County, Annual

3.2 Utilities/Infrastructure Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.8100e-003	0.2864	0.0583	7.8000e-004	0.0186	4.9000e-004	0.0191	5.3600e-003	4.7000e-004	5.8300e-003	0.0000	74.7668	74.7668	5.0400e-003	0.0000	74.8927
Worker	2.2100e-003	1.6700e-003	0.0171	5.0000e-005	5.2600e-003	3.0000e-005	5.3000e-003	1.4000e-003	3.0000e-005	1.4300e-003	0.0000	4.3675	4.3675	1.2000e-004	0.0000	4.3706
Total	0.0100	0.2881	0.0754	8.3000e-004	0.0238	5.2000e-004	0.0244	6.7600e-003	5.0000e-004	7.2600e-003	0.0000	79.1343	79.1343	5.1600e-003	0.0000	79.2633

3.2 Utilities/Infrastructure Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.4800e-003	0.0815	0.1005	1.4000e-004		4.7700e-003	4.7700e-003		4.3800e-003	4.3800e-003	0.0000	12.5604	12.5604	4.0600e-003	0.0000	12.6619
Total	8.4800e-003	0.0815	0.1005	1.4000e-004		4.7700e-003	4.7700e-003		4.3800e-003	4.3800e-003	0.0000	12.5604	12.5604	4.0600e-003	0.0000	12.6619

Bridge Point Rancho Cucamonga (Building 1 Construction - Mitigated) - San Bernardino-South Coast County, Annual

3.2 Utilities/Infrastructure Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.8200e-003	0.0678	0.0135	1.9000e-004	4.6400e-003	1.0000e-004	4.7400e-003	1.3400e-003	1.0000e-004	1.4400e-003	0.0000	18.5394	18.5394	1.2200e-003	0.0000	18.5698
Worker	5.2000e-004	3.8000e-004	3.9200e-003	1.0000e-005	1.3200e-003	1.0000e-005	1.3200e-003	3.5000e-004	1.0000e-005	3.6000e-004	0.0000	1.0525	1.0525	3.0000e-005	0.0000	1.0532
Total	2.3400e-003	0.0682	0.0174	2.0000e-004	5.9600e-003	1.1000e-004	6.0600e-003	1.6900e-003	1.1000e-004	1.8000e-003	0.0000	19.5920	19.5920	1.2500e-003	0.0000	19.6231

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.0800e-003	0.0212	0.1079	1.4000e-004		1.2500e-003	1.2500e-003		1.2500e-003	1.2500e-003	0.0000	12.5604	12.5604	4.0600e-003	0.0000	12.6619
Total	2.0800e-003	0.0212	0.1079	1.4000e-004		1.2500e-003	1.2500e-003		1.2500e-003	1.2500e-003	0.0000	12.5604	12.5604	4.0600e-003	0.0000	12.6619

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3.2 Utilities/Infrastructure Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.8200e-003	0.0678	0.0135	1.9000e-004	4.6400e-003	1.0000e-004	4.7400e-003	1.3400e-003	1.0000e-004	1.4400e-003	0.0000	18.5394	18.5394	1.2200e-003	0.0000	18.5698
Worker	5.2000e-004	3.8000e-004	3.9200e-003	1.0000e-005	1.3200e-003	1.0000e-005	1.3200e-003	3.5000e-004	1.0000e-005	3.6000e-004	0.0000	1.0525	1.0525	3.0000e-005	0.0000	1.0532
Total	2.3400e-003	0.0682	0.0174	2.0000e-004	5.9600e-003	1.1000e-004	6.0600e-003	1.6900e-003	1.1000e-004	1.8000e-003	0.0000	19.5920	19.5920	1.2500e-003	0.0000	19.6231

3.3 Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.5100e-003	0.0556	0.0729	1.1000e-004		2.8400e-003	2.8400e-003		2.6100e-003	2.6100e-003	0.0000	10.0138	10.0138	3.2400e-003	0.0000	10.0948
Paving	0.0226					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0281	0.0556	0.0729	1.1000e-004		2.8400e-003	2.8400e-003		2.6100e-003	2.6100e-003	0.0000	10.0138	10.0138	3.2400e-003	0.0000	10.0948

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3.3 Paving - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.7000e-004	0.0212	4.2200e-003	6.0000e-005	1.4500e-003	3.0000e-005	1.4800e-003	4.2000e-004	3.0000e-005	4.5000e-004	0.0000	5.7936	5.7936	3.8000e-004	0.0000	5.8031
Worker	3.4000e-004	2.5000e-004	2.6100e-003	1.0000e-005	8.8000e-004	1.0000e-005	8.8000e-004	2.3000e-004	1.0000e-005	2.4000e-004	0.0000	0.7017	0.7017	2.0000e-005	0.0000	0.7022
Total	9.1000e-004	0.0214	6.8300e-003	7.0000e-005	2.3300e-003	4.0000e-005	2.3600e-003	6.5000e-004	4.0000e-005	6.9000e-004	0.0000	6.4953	6.4953	4.0000e-004	0.0000	6.5052

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.8000e-003	0.0565	0.0865	1.1000e-004		3.0500e-003	3.0500e-003		3.0500e-003	3.0500e-003	0.0000	10.0138	10.0138	3.2400e-003	0.0000	10.0947
Paving	0.0226					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0254	0.0565	0.0865	1.1000e-004		3.0500e-003	3.0500e-003		3.0500e-003	3.0500e-003	0.0000	10.0138	10.0138	3.2400e-003	0.0000	10.0947

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3.3 Paving - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.7000e-004	0.0212	4.2200e-003	6.0000e-005	1.4500e-003	3.0000e-005	1.4800e-003	4.2000e-004	3.0000e-005	4.5000e-004	0.0000	5.7936	5.7936	3.8000e-004	0.0000	5.8031
Worker	3.4000e-004	2.5000e-004	2.6100e-003	1.0000e-005	8.8000e-004	1.0000e-005	8.8000e-004	2.3000e-004	1.0000e-005	2.4000e-004	0.0000	0.7017	0.7017	2.0000e-005	0.0000	0.7022
Total	9.1000e-004	0.0214	6.8300e-003	7.0000e-005	2.3300e-003	4.0000e-005	2.3600e-003	6.5000e-004	4.0000e-005	6.9000e-004	0.0000	6.4953	6.4953	4.0000e-004	0.0000	6.5052

3.4 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.3134	3.1480	3.3068	5.7300e-003		0.1368	0.1368		0.1280	0.1280	0.0000	494.8621	494.8621	0.1368	0.0000	498.2817
Total	0.3134	3.1480	3.3068	5.7300e-003		0.1368	0.1368		0.1280	0.1280	0.0000	494.8621	494.8621	0.1368	0.0000	498.2817

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3.4 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0292	1.0873	0.2163	3.1000e-003	0.0744	1.6600e-003	0.0761	0.0215	1.5900e-003	0.0231	0.0000	297.2354	297.2354	0.0195	0.0000	297.7230
Worker	0.4187	0.3043	3.1794	9.4400e-003	1.0669	6.7500e-003	1.0736	0.2834	6.2200e-003	0.2896	0.0000	853.4319	853.4319	0.0222	0.0000	853.9876
Total	0.4479	1.3915	3.3956	0.0125	1.1413	8.4100e-003	1.1497	0.3048	7.8100e-003	0.3126	0.0000	1,150.6674	1,150.6674	0.0417	0.0000	1,151.7106

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1107	1.7206	3.7446	5.7300e-003		0.1112	0.1112		0.1112	0.1112	0.0000	494.8615	494.8615	0.1368	0.0000	498.2811
Total	0.1107	1.7206	3.7446	5.7300e-003		0.1112	0.1112		0.1112	0.1112	0.0000	494.8615	494.8615	0.1368	0.0000	498.2811

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3.4 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0292	1.0873	0.2163	3.1000e-003	0.0744	1.6600e-003	0.0761	0.0215	1.5900e-003	0.0231	0.0000	297.2354	297.2354	0.0195	0.0000	297.7230
Worker	0.4187	0.3043	3.1794	9.4400e-003	1.0669	6.7500e-003	1.0736	0.2834	6.2200e-003	0.2896	0.0000	853.4319	853.4319	0.0222	0.0000	853.9876
Total	0.4479	1.3915	3.3956	0.0125	1.1413	8.4100e-003	1.1497	0.3048	7.8100e-003	0.3126	0.0000	1,150.6674	1,150.6674	0.0417	0.0000	1,151.7106

3.5 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.4340					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0259	0.1784	0.2297	3.8000e-004		0.0104	0.0104		0.0104	0.0104	0.0000	32.3412	32.3412	2.1100e-003	0.0000	32.3939
Total	3.4599	0.1784	0.2297	3.8000e-004		0.0104	0.0104		0.0104	0.0104	0.0000	32.3412	32.3412	2.1100e-003	0.0000	32.3939

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3.5 Architectural Coating - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0263	0.9804	0.1950	2.8000e-003	0.0671	1.5000e-003	0.0686	0.0194	1.4300e-003	0.0208	0.0000	268.0157	268.0157	0.0176	0.0000	268.4553
Worker	0.0797	0.0579	0.6053	1.8000e-003	0.2031	1.2900e-003	0.2044	0.0540	1.1800e-003	0.0551	0.0000	162.4854	162.4854	4.2300e-003	0.0000	162.5912
Total	0.1060	1.0383	0.8003	4.6000e-003	0.2702	2.7900e-003	0.2730	0.0733	2.6100e-003	0.0759	0.0000	430.5011	430.5011	0.0218	0.0000	431.0464

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.4340					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.5300e-003	0.1719	0.2321	3.8000e-004		0.0120	0.0120		0.0120	0.0120	0.0000	32.3412	32.3412	2.1100e-003	0.0000	32.3938
Total	3.4415	0.1719	0.2321	3.8000e-004		0.0120	0.0120		0.0120	0.0120	0.0000	32.3412	32.3412	2.1100e-003	0.0000	32.3938

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3.5 Architectural Coating - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0263	0.9804	0.1950	2.8000e-003	0.0671	1.5000e-003	0.0686	0.0194	1.4300e-003	0.0208	0.0000	268.0157	268.0157	0.0176	0.0000	268.4553
Worker	0.0797	0.0579	0.6053	1.8000e-003	0.2031	1.2900e-003	0.2044	0.0540	1.1800e-003	0.0551	0.0000	162.4854	162.4854	4.2300e-003	0.0000	162.5912
Total	0.1060	1.0383	0.8003	4.6000e-003	0.2702	2.7900e-003	0.2730	0.0733	2.6100e-003	0.0759	0.0000	430.5011	430.5011	0.0218	0.0000	431.0464

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Bridge Point Rancho Cucamonga (Building 1 Construction - Mitigated) - San Bernardino-South Coast County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Refrigerated Warehouse-No Rail	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Refrigerated Warehouse-No	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0

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4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.553113	0.036408	0.180286	0.116335	0.016165	0.005101	0.018218	0.063797	0.001357	0.001565	0.005903	0.000808	0.000944
Other Non-Asphalt Surfaces	0.553113	0.036408	0.180286	0.116335	0.016165	0.005101	0.018218	0.063797	0.001357	0.001565	0.005903	0.000808	0.000944
Parking Lot	0.553113	0.036408	0.180286	0.116335	0.016165	0.005101	0.018218	0.063797	0.001357	0.001565	0.005903	0.000808	0.000944
Refrigerated Warehouse-No Rail	0.553113	0.036408	0.180286	0.116335	0.016165	0.005101	0.018218	0.063797	0.001357	0.001565	0.005903	0.000808	0.000944
Unrefrigerated Warehouse-No Rail	0.553113	0.036408	0.180286	0.116335	0.016165	0.005101	0.018218	0.063797	0.001357	0.001565	0.005903	0.000808	0.000944

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Natural Gas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Natural Gas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Land Use	kBTU/yr	tons/yr										MT/yr						
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Bridge Point Rancho Cucamonga (Building 1 Construction - Mitigated) - San Bernardino-South Coast County, Annual

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Bridge Point Rancho Cucamonga (Building 1 Construction - Mitigated) - San Bernardino-South Coast County, Annual

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	5.8789	3.0000e-004	0.0327	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0635	0.0635	1.7000e-004	0.0000	0.0677
Unmitigated	5.8789	3.0000e-004	0.0327	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0635	0.0635	1.7000e-004	0.0000	0.0677

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.6718					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	5.2041					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.0400e-003	3.0000e-004	0.0327	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0635	0.0635	1.7000e-004	0.0000	0.0677
Total	5.8789	3.0000e-004	0.0327	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0635	0.0635	1.7000e-004	0.0000	0.0677

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6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.6718					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	5.2041					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.0400e-003	3.0000e-004	0.0327	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0635	0.0635	1.7000e-004	0.0000	0.0677
Total	5.8789	3.0000e-004	0.0327	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0635	0.0635	1.7000e-004	0.0000	0.0677

7.0 Water Detail

7.1 Mitigation Measures Water

Bridge Point Rancho Cucamonga (Building 1 Construction - Mitigated) - San Bernardino-South Coast County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Bridge Point Rancho Cucamonga (Building 1 Construction - Mitigated) - San Bernardino-South Coast County, Annual

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

8.0 Waste Detail

8.1 Mitigation Measures Waste

Bridge Point Rancho Cucamonga (Building 1 Construction - Mitigated) - San Bernardino-South Coast County, Annual

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Bridge Point Rancho Cucamonga (Building 1 Construction - Mitigated) - San Bernardino-South Coast County, Annual

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

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1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Refrigerated Warehouse-No Rail	75.25	1000sqft	1.73	75,250.00	0
Unrefrigerated Warehouse-No Rail	677.25	1000sqft	15.55	677,250.00	0
Other Asphalt Surfaces	0.54	1000sqft	0.01	540.00	0
Other Non-Asphalt Surfaces	134.40	1000sqft	3.09	134,400.00	0
Parking Lot	474.00	Space	9.34	1,086,626.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	32
Climate Zone	10			Operational Year	2022
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	702.44	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

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Project Characteristics -

Land Use - Parking Lot Area includes: Auto, Dock Loading, Trailer, and Bicycle Parking. Employee Outdoor Area modeled as Other Asphalt Surfaces. Landscape Area modeled as Other Non-Asphalt Surfaces.

Construction Phase - Construction Schedule based on information provided by the Project Applicant.

Off-road Equipment - Hours are based on an 8-hour workday.

Off-road Equipment - Construction Equipment based on information provided by the Project Applicant.

Off-road Equipment - Construction Equipment based on information provided by the Project Applicant.

Off-road Equipment - Construction Equipment based on information provided by the Project Applicant.

Trips and VMT - Vendor trips based on the total CalEEMod vendor trips for the entire Project and proportionally split between all phases of construction

Architectural Coating - Rule 1113

Vehicle Trips - Construction Run Only.

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Energy Use - Construction Run Only.

Water And Wastewater - Construction Run Only.

Solid Waste - Construction Run Only.

Construction Off-road Equipment Mitigation - MM AQ-1

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblAreaCoating	Area_Parking	73294	74896
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
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tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
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tblConstructionPhase	NumDays	35.00	20.00

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tblEnergyUse	LightingElect	0.35	0.00
tblEnergyUse	LightingElect	2.37	0.00
tblEnergyUse	LightingElect	1.17	0.00
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tblEnergyUse	NT24E	0.82	0.00
tblEnergyUse	NT24NG	48.51	0.00
tblEnergyUse	NT24NG	0.03	0.00
tblEnergyUse	T24E	1.06	0.00
tblEnergyUse	T24E	0.37	0.00
tblEnergyUse	T24NG	3.25	0.00
tblEnergyUse	T24NG	2.00	0.00
tblLandUse	LandUseSquareFeet	189,600.00	1,086,626.00
tblLandUse	LotAcreage	4.27	9.34
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
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tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00

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tblSolidWaste	SolidWasteGenerationRate	70.73	0.00
tblSolidWaste	SolidWasteGenerationRate	636.62	0.00
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tblTripsAndVMT	WorkerTripNumber	829.00	15.00
tblTripsAndVMT	WorkerTripNumber	829.00	840.00
tblTripsAndVMT	WorkerTripNumber	166.00	168.00
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tblVehicleEF	HHD	9.3550e-003	3.4710e-003

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tblVehicleEF	HHD	0.03	0.03
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tblVehicleEF	HHD	7,345.18	1,121.04
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tblVehicleEF	HHD	3.5970e-003	1.8200e-004
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tblVehicleEF	HHD	0.01	3.6980e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8810e-003	8.6000e-003
tblVehicleEF	HHD	0.01	0.03

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tblVehicleEF	HHD	4.7000e-005	1.0000e-006
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tblVehicleEF	LDA	2.2790e-003	1.8570e-003
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tblVehicleEF	LDA	0.03	0.21
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tblVehicleEF	LDA	2.2790e-003	1.8570e-003

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tblVehicleEF	LDA	1.5460e-003	1.4000e-003
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tblVehicleEF	LDA	2.0960e-003	1.7080e-003
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tblVehicleEF	LDA	0.11	0.11
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tblVehicleEF	LDT1	1.54	1.52
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tblVehicleEF	LDT1	3.6920e-003	2.8390e-003
tblVehicleEF	LDT1	2.4910e-003	2.1560e-003
tblVehicleEF	LDT1	3.3960e-003	2.6100e-003

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tblVehicleEF	LDT1	0.18	0.19
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tblVehicleEF	LDT1	3.6920e-003	2.8390e-003
tblVehicleEF	LDT1	2.4910e-003	2.1560e-003
tblVehicleEF	LDT1	3.3960e-003	2.6100e-003
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tblVehicleEF	LDT1	0.41	0.31
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tblVehicleEF	LDT1	0.21	0.36
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tblVehicleEF	LDT1	7.6200e-004	6.3800e-004
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tblVehicleEF	LDT1	0.27	0.26
tblVehicleEF	LDT1	0.06	0.05
tblVehicleEF	LDT1	0.20	0.85
tblVehicleEF	LDT1	0.23	0.40
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tblVehicleEF	LDT1	70.93	65.71
tblVehicleEF	LDT1	0.15	0.12
tblVehicleEF	LDT1	0.21	0.29
tblVehicleEF	LDT1	2.7050e-003	2.3430e-003
tblVehicleEF	LDT1	3.6920e-003	2.8390e-003
tblVehicleEF	LDT1	2.4910e-003	2.1560e-003
tblVehicleEF	LDT1	3.3960e-003	2.6100e-003
tblVehicleEF	LDT1	0.19	0.19
tblVehicleEF	LDT1	0.39	0.30

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tblVehicleEF	LDT1	0.12	0.13
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.23	1.00
tblVehicleEF	LDT1	0.25	0.43
tblVehicleEF	LDT1	3.0890e-003	3.0520e-003
tblVehicleEF	LDT1	7.7200e-004	6.4600e-004
tblVehicleEF	LDT1	0.19	0.19
tblVehicleEF	LDT1	0.39	0.30
tblVehicleEF	LDT1	0.12	0.13
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.23	1.00
tblVehicleEF	LDT1	0.28	0.47
tblVehicleEF	LDT2	6.3270e-003	4.4090e-003
tblVehicleEF	LDT2	8.1990e-003	0.07
tblVehicleEF	LDT2	0.80	1.00
tblVehicleEF	LDT2	1.67	2.71
tblVehicleEF	LDT2	351.15	335.59
tblVehicleEF	LDT2	79.39	70.25
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.14	0.30
tblVehicleEF	LDT2	1.7270e-003	1.6010e-003
tblVehicleEF	LDT2	2.4170e-003	1.9240e-003
tblVehicleEF	LDT2	1.5880e-003	1.4740e-003
tblVehicleEF	LDT2	2.2220e-003	1.7690e-003
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.13	0.14
tblVehicleEF	LDT2	0.05	0.08

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tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.45
tblVehicleEF	LDT2	0.11	0.33
tblVehicleEF	LDT2	3.5180e-003	3.2990e-003
tblVehicleEF	LDT2	8.2200e-004	6.9100e-004
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.13	0.14
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.07	0.45
tblVehicleEF	LDT2	0.12	0.36
tblVehicleEF	LDT2	7.1840e-003	4.9540e-003
tblVehicleEF	LDT2	6.8290e-003	0.06
tblVehicleEF	LDT2	0.97	1.20
tblVehicleEF	LDT2	1.38	2.28
tblVehicleEF	LDT2	383.36	357.71
tblVehicleEF	LDT2	79.39	69.39
tblVehicleEF	LDT2	0.08	0.08
tblVehicleEF	LDT2	0.13	0.28
tblVehicleEF	LDT2	1.7270e-003	1.6010e-003
tblVehicleEF	LDT2	2.4170e-003	1.9240e-003
tblVehicleEF	LDT2	1.5880e-003	1.4740e-003
tblVehicleEF	LDT2	2.2220e-003	1.7690e-003
tblVehicleEF	LDT2	0.13	0.18
tblVehicleEF	LDT2	0.15	0.16
tblVehicleEF	LDT2	0.11	0.15
tblVehicleEF	LDT2	0.02	0.02

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tblVehicleEF	LDT2	0.07	0.45
tblVehicleEF	LDT2	0.09	0.29
tblVehicleEF	LDT2	3.8420e-003	3.5160e-003
tblVehicleEF	LDT2	8.1700e-004	6.8200e-004
tblVehicleEF	LDT2	0.13	0.18
tblVehicleEF	LDT2	0.15	0.16
tblVehicleEF	LDT2	0.11	0.15
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.07	0.45
tblVehicleEF	LDT2	0.10	0.31
tblVehicleEF	LDT2	6.1560e-003	4.3220e-003
tblVehicleEF	LDT2	8.1410e-003	0.07
tblVehicleEF	LDT2	0.75	0.96
tblVehicleEF	LDT2	1.64	2.72
tblVehicleEF	LDT2	343.55	331.47
tblVehicleEF	LDT2	79.39	70.27
tblVehicleEF	LDT2	0.08	0.08
tblVehicleEF	LDT2	0.14	0.30
tblVehicleEF	LDT2	1.7270e-003	1.6010e-003
tblVehicleEF	LDT2	2.4170e-003	1.9240e-003
tblVehicleEF	LDT2	1.5880e-003	1.4740e-003
tblVehicleEF	LDT2	2.2220e-003	1.7690e-003
tblVehicleEF	LDT2	0.06	0.09
tblVehicleEF	LDT2	0.14	0.16
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.08	0.52

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tblVehicleEF	LDT2	0.11	0.33
tblVehicleEF	LDT2	3.4410e-003	3.2580e-003
tblVehicleEF	LDT2	8.2200e-004	6.9100e-004
tblVehicleEF	LDT2	0.06	0.09
tblVehicleEF	LDT2	0.14	0.16
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.08	0.52
tblVehicleEF	LDT2	0.12	0.37
tblVehicleEF	LHD1	5.2170e-003	5.0850e-003
tblVehicleEF	LHD1	0.01	6.1020e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	1.07	0.75
tblVehicleEF	LHD1	2.60	1.03
tblVehicleEF	LHD1	9.23	9.25
tblVehicleEF	LHD1	609.20	652.45
tblVehicleEF	LHD1	30.40	11.21
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	2.12	1.25
tblVehicleEF	LHD1	0.99	0.32
tblVehicleEF	LHD1	9.6500e-004	8.9000e-004
tblVehicleEF	LHD1	0.01	9.8770e-003
tblVehicleEF	LHD1	0.01	9.8260e-003
tblVehicleEF	LHD1	9.5800e-004	2.6000e-004
tblVehicleEF	LHD1	9.2400e-004	8.5100e-004
tblVehicleEF	LHD1	2.5390e-003	2.4690e-003

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tblVehicleEF	LHD1	0.01	9.3750e-003
tblVehicleEF	LHD1	8.8100e-004	2.3900e-004
tblVehicleEF	LHD1	3.7070e-003	3.0390e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.8240e-003	1.5810e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.35	0.55
tblVehicleEF	LHD1	0.27	0.08
tblVehicleEF	LHD1	9.2000e-005	9.0000e-005
tblVehicleEF	LHD1	5.9760e-003	6.3570e-003
tblVehicleEF	LHD1	3.5300e-004	1.1100e-004
tblVehicleEF	LHD1	3.7070e-003	3.0390e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.8240e-003	1.5810e-003
tblVehicleEF	LHD1	0.10	0.08
tblVehicleEF	LHD1	0.35	0.55
tblVehicleEF	LHD1	0.29	0.09
tblVehicleEF	LHD1	5.2170e-003	5.0990e-003
tblVehicleEF	LHD1	0.01	6.2280e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	1.09	0.76
tblVehicleEF	LHD1	2.43	0.98
tblVehicleEF	LHD1	9.23	9.25
tblVehicleEF	LHD1	609.20	652.47

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tblVehicleEF	LHD1	30.40	11.12
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	1.98	1.17
tblVehicleEF	LHD1	0.94	0.31
tblVehicleEF	LHD1	9.6500e-004	8.9000e-004
tblVehicleEF	LHD1	0.01	9.8770e-003
tblVehicleEF	LHD1	0.01	9.8260e-003
tblVehicleEF	LHD1	9.5800e-004	2.6000e-004
tblVehicleEF	LHD1	9.2400e-004	8.5100e-004
tblVehicleEF	LHD1	2.5390e-003	2.4690e-003
tblVehicleEF	LHD1	0.01	9.3750e-003
tblVehicleEF	LHD1	8.8100e-004	2.3900e-004
tblVehicleEF	LHD1	7.3080e-003	5.4780e-003
tblVehicleEF	LHD1	0.13	0.10
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	4.1220e-003	3.0450e-003
tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	0.36	0.56
tblVehicleEF	LHD1	0.25	0.08
tblVehicleEF	LHD1	9.2000e-005	9.0000e-005
tblVehicleEF	LHD1	5.9770e-003	6.3570e-003
tblVehicleEF	LHD1	3.5000e-004	1.1000e-004
tblVehicleEF	LHD1	7.3080e-003	5.4780e-003
tblVehicleEF	LHD1	0.13	0.10
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	4.1220e-003	3.0450e-003
tblVehicleEF	LHD1	0.11	0.08

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tblVehicleEF	LHD1	0.36	0.56
tblVehicleEF	LHD1	0.28	0.08
tblVehicleEF	LHD1	5.2170e-003	5.0870e-003
tblVehicleEF	LHD1	0.01	6.1100e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	1.07	0.75
tblVehicleEF	LHD1	2.55	1.02
tblVehicleEF	LHD1	9.23	9.25
tblVehicleEF	LHD1	609.20	652.45
tblVehicleEF	LHD1	30.40	11.20
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	2.08	1.23
tblVehicleEF	LHD1	0.97	0.31
tblVehicleEF	LHD1	9.6500e-004	8.9000e-004
tblVehicleEF	LHD1	0.01	9.8770e-003
tblVehicleEF	LHD1	0.01	9.8260e-003
tblVehicleEF	LHD1	9.5800e-004	2.6000e-004
tblVehicleEF	LHD1	9.2400e-004	8.5100e-004
tblVehicleEF	LHD1	2.5390e-003	2.4690e-003
tblVehicleEF	LHD1	0.01	9.3750e-003
tblVehicleEF	LHD1	8.8100e-004	2.3900e-004
tblVehicleEF	LHD1	4.0430e-003	3.1520e-003
tblVehicleEF	LHD1	0.13	0.10
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.7940e-003	1.6100e-003
tblVehicleEF	LHD1	0.08	0.06

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tblVehicleEF	LHD1	0.38	0.60
tblVehicleEF	LHD1	0.26	0.08
tblVehicleEF	LHD1	9.2000e-005	9.0000e-005
tblVehicleEF	LHD1	5.9760e-003	6.3570e-003
tblVehicleEF	LHD1	3.5200e-004	1.1100e-004
tblVehicleEF	LHD1	4.0430e-003	3.1520e-003
tblVehicleEF	LHD1	0.13	0.10
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.7940e-003	1.6100e-003
tblVehicleEF	LHD1	0.10	0.08
tblVehicleEF	LHD1	0.38	0.60
tblVehicleEF	LHD1	0.29	0.09
tblVehicleEF	LHD2	3.5950e-003	3.6950e-003
tblVehicleEF	LHD2	4.6110e-003	4.1040e-003
tblVehicleEF	LHD2	8.1370e-003	0.01
tblVehicleEF	LHD2	0.12	0.15
tblVehicleEF	LHD2	0.50	0.50
tblVehicleEF	LHD2	1.20	0.67
tblVehicleEF	LHD2	14.27	14.14
tblVehicleEF	LHD2	608.52	665.25
tblVehicleEF	LHD2	24.46	8.76
tblVehicleEF	LHD2	0.11	0.10
tblVehicleEF	LHD2	1.49	1.36
tblVehicleEF	LHD2	0.53	0.22
tblVehicleEF	LHD2	1.2830e-003	1.3100e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01

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tblVehicleEF	LHD2	4.0000e-004	1.3700e-004
tblVehicleEF	LHD2	1.2280e-003	1.2540e-003
tblVehicleEF	LHD2	2.6860e-003	2.6560e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.6800e-004	1.2600e-004
tblVehicleEF	LHD2	1.3070e-003	1.7040e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	7.0300e-004	9.2000e-004
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.09	0.32
tblVehicleEF	LHD2	0.11	0.05
tblVehicleEF	LHD2	1.3900e-004	1.3500e-004
tblVehicleEF	LHD2	5.9200e-003	6.4300e-003
tblVehicleEF	LHD2	2.6700e-004	8.7000e-005
tblVehicleEF	LHD2	1.3070e-003	1.7040e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.0300e-004	9.2000e-004
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.09	0.32
tblVehicleEF	LHD2	0.12	0.06
tblVehicleEF	LHD2	3.5950e-003	3.7050e-003
tblVehicleEF	LHD2	4.6760e-003	4.1460e-003
tblVehicleEF	LHD2	7.7630e-003	0.01
tblVehicleEF	LHD2	0.12	0.15
tblVehicleEF	LHD2	0.50	0.50

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tblVehicleEF	LHD2	1.13	0.64
tblVehicleEF	LHD2	14.27	14.14
tblVehicleEF	LHD2	608.52	665.25
tblVehicleEF	LHD2	24.46	8.70
tblVehicleEF	LHD2	0.11	0.10
tblVehicleEF	LHD2	1.40	1.28
tblVehicleEF	LHD2	0.50	0.21
tblVehicleEF	LHD2	1.2830e-003	1.3100e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.0000e-004	1.3700e-004
tblVehicleEF	LHD2	1.2280e-003	1.2540e-003
tblVehicleEF	LHD2	2.6860e-003	2.6560e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.6800e-004	1.2600e-004
tblVehicleEF	LHD2	2.5220e-003	3.0730e-003
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.5220e-003	1.7630e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.09	0.32
tblVehicleEF	LHD2	0.10	0.05
tblVehicleEF	LHD2	1.3900e-004	1.3500e-004
tblVehicleEF	LHD2	5.9200e-003	6.4300e-003
tblVehicleEF	LHD2	2.6500e-004	8.6000e-005
tblVehicleEF	LHD2	2.5220e-003	3.0730e-003
tblVehicleEF	LHD2	0.04	0.06

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tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.5220e-003	1.7630e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.09	0.32
tblVehicleEF	LHD2	0.11	0.05
tblVehicleEF	LHD2	3.5950e-003	3.6960e-003
tblVehicleEF	LHD2	4.6180e-003	4.1080e-003
tblVehicleEF	LHD2	8.0640e-003	0.01
tblVehicleEF	LHD2	0.12	0.15
tblVehicleEF	LHD2	0.50	0.50
tblVehicleEF	LHD2	1.19	0.67
tblVehicleEF	LHD2	14.27	14.14
tblVehicleEF	LHD2	608.52	665.25
tblVehicleEF	LHD2	24.46	8.75
tblVehicleEF	LHD2	0.11	0.10
tblVehicleEF	LHD2	1.46	1.33
tblVehicleEF	LHD2	0.52	0.22
tblVehicleEF	LHD2	1.2830e-003	1.3100e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.0000e-004	1.3700e-004
tblVehicleEF	LHD2	1.2280e-003	1.2540e-003
tblVehicleEF	LHD2	2.6860e-003	2.6560e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.6800e-004	1.2600e-004
tblVehicleEF	LHD2	1.3460e-003	1.7140e-003
tblVehicleEF	LHD2	0.04	0.06

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tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	6.8700e-004	9.2200e-004
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.10	0.34
tblVehicleEF	LHD2	0.11	0.05
tblVehicleEF	LHD2	1.3900e-004	1.3500e-004
tblVehicleEF	LHD2	5.9200e-003	6.4300e-003
tblVehicleEF	LHD2	2.6600e-004	8.7000e-005
tblVehicleEF	LHD2	1.3460e-003	1.7140e-003
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.8700e-004	9.2200e-004
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.10	0.34
tblVehicleEF	LHD2	0.12	0.06
tblVehicleEF	MCY	0.43	0.34
tblVehicleEF	MCY	0.16	0.24
tblVehicleEF	MCY	20.55	19.26
tblVehicleEF	MCY	9.93	8.60
tblVehicleEF	MCY	167.73	212.03
tblVehicleEF	MCY	46.45	60.73
tblVehicleEF	MCY	1.16	1.13
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	1.8610e-003	1.9650e-003
tblVehicleEF	MCY	3.6730e-003	2.9600e-003
tblVehicleEF	MCY	1.7420e-003	1.8380e-003
tblVehicleEF	MCY	3.4650e-003	2.7870e-003

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tblVehicleEF	MCY	1.45	1.42
tblVehicleEF	MCY	0.84	0.80
tblVehicleEF	MCY	0.80	0.78
tblVehicleEF	MCY	2.23	2.33
tblVehicleEF	MCY	0.49	1.91
tblVehicleEF	MCY	2.16	1.84
tblVehicleEF	MCY	2.0770e-003	2.0980e-003
tblVehicleEF	MCY	6.9000e-004	6.0100e-004
tblVehicleEF	MCY	1.45	1.42
tblVehicleEF	MCY	0.84	0.80
tblVehicleEF	MCY	0.80	0.78
tblVehicleEF	MCY	2.74	2.87
tblVehicleEF	MCY	0.49	1.91
tblVehicleEF	MCY	2.35	2.01
tblVehicleEF	MCY	0.42	0.34
tblVehicleEF	MCY	0.14	0.21
tblVehicleEF	MCY	20.68	19.28
tblVehicleEF	MCY	9.05	7.90
tblVehicleEF	MCY	167.73	211.90
tblVehicleEF	MCY	46.45	58.88
tblVehicleEF	MCY	0.99	0.97
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	1.8610e-003	1.9650e-003
tblVehicleEF	MCY	3.6730e-003	2.9600e-003
tblVehicleEF	MCY	1.7420e-003	1.8380e-003
tblVehicleEF	MCY	3.4650e-003	2.7870e-003
tblVehicleEF	MCY	3.14	2.77

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tblVehicleEF	MCY	1.27	1.11
tblVehicleEF	MCY	2.13	1.77
tblVehicleEF	MCY	2.17	2.28
tblVehicleEF	MCY	0.49	1.88
tblVehicleEF	MCY	1.86	1.62
tblVehicleEF	MCY	2.0770e-003	2.0970e-003
tblVehicleEF	MCY	6.6700e-004	5.8300e-004
tblVehicleEF	MCY	3.14	2.77
tblVehicleEF	MCY	1.27	1.11
tblVehicleEF	MCY	2.13	1.77
tblVehicleEF	MCY	2.67	2.81
tblVehicleEF	MCY	0.49	1.88
tblVehicleEF	MCY	2.02	1.76
tblVehicleEF	MCY	0.42	0.34
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	19.63	18.76
tblVehicleEF	MCY	9.55	8.44
tblVehicleEF	MCY	167.73	211.17
tblVehicleEF	MCY	46.45	60.38
tblVehicleEF	MCY	1.12	1.09
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	1.8610e-003	1.9650e-003
tblVehicleEF	MCY	3.6730e-003	2.9600e-003
tblVehicleEF	MCY	1.7420e-003	1.8380e-003
tblVehicleEF	MCY	3.4650e-003	2.7870e-003
tblVehicleEF	MCY	1.71	1.57
tblVehicleEF	MCY	1.13	1.06

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tblVehicleEF	MCY	0.72	0.74
tblVehicleEF	MCY	2.19	2.31
tblVehicleEF	MCY	0.56	2.18
tblVehicleEF	MCY	2.08	1.81
tblVehicleEF	MCY	2.0610e-003	2.0900e-003
tblVehicleEF	MCY	6.8200e-004	5.9800e-004
tblVehicleEF	MCY	1.71	1.57
tblVehicleEF	MCY	1.13	1.06
tblVehicleEF	MCY	0.72	0.74
tblVehicleEF	MCY	2.69	2.84
tblVehicleEF	MCY	0.56	2.18
tblVehicleEF	MCY	2.27	1.98
tblVehicleEF	MDV	0.01	5.5200e-003
tblVehicleEF	MDV	0.02	0.09
tblVehicleEF	MDV	1.35	1.14
tblVehicleEF	MDV	3.25	3.25
tblVehicleEF	MDV	483.94	415.10
tblVehicleEF	MDV	107.92	87.32
tblVehicleEF	MDV	0.17	0.11
tblVehicleEF	MDV	0.32	0.38
tblVehicleEF	MDV	1.8260e-003	1.6850e-003
tblVehicleEF	MDV	2.5170e-003	2.0310e-003
tblVehicleEF	MDV	1.6830e-003	1.5540e-003
tblVehicleEF	MDV	2.3150e-003	1.8680e-003
tblVehicleEF	MDV	0.10	0.11
tblVehicleEF	MDV	0.20	0.17
tblVehicleEF	MDV	0.08	0.10

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tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.50
tblVehicleEF	MDV	0.25	0.44
tblVehicleEF	MDV	4.8500e-003	4.0780e-003
tblVehicleEF	MDV	1.1370e-003	8.5900e-004
tblVehicleEF	MDV	0.10	0.11
tblVehicleEF	MDV	0.20	0.17
tblVehicleEF	MDV	0.08	0.10
tblVehicleEF	MDV	0.05	0.03
tblVehicleEF	MDV	0.11	0.50
tblVehicleEF	MDV	0.28	0.48
tblVehicleEF	MDV	0.01	6.2110e-003
tblVehicleEF	MDV	0.02	0.08
tblVehicleEF	MDV	1.64	1.35
tblVehicleEF	MDV	2.69	2.72
tblVehicleEF	MDV	526.85	438.45
tblVehicleEF	MDV	107.92	86.27
tblVehicleEF	MDV	0.16	0.10
tblVehicleEF	MDV	0.30	0.35
tblVehicleEF	MDV	1.8260e-003	1.6850e-003
tblVehicleEF	MDV	2.5170e-003	2.0310e-003
tblVehicleEF	MDV	1.6830e-003	1.5540e-003
tblVehicleEF	MDV	2.3150e-003	1.8680e-003
tblVehicleEF	MDV	0.20	0.21
tblVehicleEF	MDV	0.23	0.19
tblVehicleEF	MDV	0.17	0.19
tblVehicleEF	MDV	0.04	0.03

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tblVehicleEF	MDV	0.11	0.49
tblVehicleEF	MDV	0.21	0.38
tblVehicleEF	MDV	5.2830e-003	4.3080e-003
tblVehicleEF	MDV	1.1260e-003	8.4800e-004
tblVehicleEF	MDV	0.20	0.21
tblVehicleEF	MDV	0.23	0.19
tblVehicleEF	MDV	0.17	0.19
tblVehicleEF	MDV	0.05	0.04
tblVehicleEF	MDV	0.11	0.49
tblVehicleEF	MDV	0.23	0.41
tblVehicleEF	MDV	0.01	5.4050e-003
tblVehicleEF	MDV	0.02	0.09
tblVehicleEF	MDV	1.28	1.09
tblVehicleEF	MDV	3.20	3.26
tblVehicleEF	MDV	473.93	410.75
tblVehicleEF	MDV	107.92	87.35
tblVehicleEF	MDV	0.16	0.10
tblVehicleEF	MDV	0.32	0.38
tblVehicleEF	MDV	1.8260e-003	1.6850e-003
tblVehicleEF	MDV	2.5170e-003	2.0310e-003
tblVehicleEF	MDV	1.6830e-003	1.5540e-003
tblVehicleEF	MDV	2.3150e-003	1.8680e-003
tblVehicleEF	MDV	0.10	0.11
tblVehicleEF	MDV	0.22	0.18
tblVehicleEF	MDV	0.08	0.10
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.13	0.57

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tblVehicleEF	MDV	0.25	0.44
tblVehicleEF	MDV	4.7490e-003	4.0360e-003
tblVehicleEF	MDV	1.1360e-003	8.5900e-004
tblVehicleEF	MDV	0.10	0.11
tblVehicleEF	MDV	0.22	0.18
tblVehicleEF	MDV	0.08	0.10
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.13	0.57
tblVehicleEF	MDV	0.27	0.48
tblVehicleEF	MH	0.04	3.6580e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	3.07	0.35
tblVehicleEF	MH	6.43	0.00
tblVehicleEF	MH	1,045.05	970.21
tblVehicleEF	MH	59.49	0.00
tblVehicleEF	MH	1.54	4.24
tblVehicleEF	MH	0.91	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.11
tblVehicleEF	MH	1.1740e-003	0.00
tblVehicleEF	MH	3.2230e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.11
tblVehicleEF	MH	1.0790e-003	0.00
tblVehicleEF	MH	1.47	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.51	0.00
tblVehicleEF	MH	0.10	0.08

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tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.37	0.00
tblVehicleEF	MH	0.01	9.1720e-003
tblVehicleEF	MH	7.0700e-004	0.00
tblVehicleEF	MH	1.47	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.51	0.00
tblVehicleEF	MH	0.14	0.09
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.40	0.00
tblVehicleEF	MH	0.04	3.6580e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	3.19	0.35
tblVehicleEF	MH	5.84	0.00
tblVehicleEF	MH	1,045.05	970.21
tblVehicleEF	MH	59.49	0.00
tblVehicleEF	MH	1.41	4.00
tblVehicleEF	MH	0.86	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.11
tblVehicleEF	MH	1.1740e-003	0.00
tblVehicleEF	MH	3.2230e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.11
tblVehicleEF	MH	1.0790e-003	0.00
tblVehicleEF	MH	2.91	0.00
tblVehicleEF	MH	0.11	0.00
tblVehicleEF	MH	1.21	0.00

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tblVehicleEF	MH	0.11	0.08
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.34	0.00
tblVehicleEF	MH	0.01	9.1720e-003
tblVehicleEF	MH	6.9700e-004	0.00
tblVehicleEF	MH	2.91	0.00
tblVehicleEF	MH	0.11	0.00
tblVehicleEF	MH	1.21	0.00
tblVehicleEF	MH	0.15	0.09
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.04	3.6580e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	3.08	0.35
tblVehicleEF	MH	6.36	0.00
tblVehicleEF	MH	1,045.05	970.21
tblVehicleEF	MH	59.49	0.00
tblVehicleEF	MH	1.51	4.17
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.11
tblVehicleEF	MH	1.1740e-003	0.00
tblVehicleEF	MH	3.2230e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.11
tblVehicleEF	MH	1.0790e-003	0.00
tblVehicleEF	MH	1.75	0.00
tblVehicleEF	MH	0.11	0.00

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tblVehicleEF	MH	0.53	0.00
tblVehicleEF	MH	0.10	0.08
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.37	0.00
tblVehicleEF	MH	0.01	9.1720e-003
tblVehicleEF	MH	7.0600e-004	0.00
tblVehicleEF	MH	1.75	0.00
tblVehicleEF	MH	0.11	0.00
tblVehicleEF	MH	0.53	0.00
tblVehicleEF	MH	0.15	0.09
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.40	0.00
tblVehicleEF	MHD	0.02	2.5070e-003
tblVehicleEF	MHD	3.5160e-003	3.3210e-003
tblVehicleEF	MHD	0.05	6.4670e-003
tblVehicleEF	MHD	0.32	0.31
tblVehicleEF	MHD	0.27	0.32
tblVehicleEF	MHD	5.32	0.74
tblVehicleEF	MHD	156.91	68.92
tblVehicleEF	MHD	1,101.52	974.57
tblVehicleEF	MHD	52.43	6.35
tblVehicleEF	MHD	0.60	0.52
tblVehicleEF	MHD	0.99	1.61
tblVehicleEF	MHD	11.88	1.50
tblVehicleEF	MHD	3.8600e-004	1.2310e-003
tblVehicleEF	MHD	5.0030e-003	0.04
tblVehicleEF	MHD	7.6400e-004	7.5000e-005

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tblVehicleEF	MHD	3.6900e-004	1.1780e-003
tblVehicleEF	MHD	4.7830e-003	0.03
tblVehicleEF	MHD	7.0300e-004	6.9000e-005
tblVehicleEF	MHD	1.2800e-003	4.5300e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	6.5100e-004	2.4000e-004
tblVehicleEF	MHD	0.04	0.06
tblVehicleEF	MHD	0.02	0.08
tblVehicleEF	MHD	0.32	0.03
tblVehicleEF	MHD	1.5080e-003	6.5300e-004
tblVehicleEF	MHD	0.01	9.2620e-003
tblVehicleEF	MHD	6.1700e-004	6.3000e-005
tblVehicleEF	MHD	1.2800e-003	4.5300e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	6.5100e-004	2.4000e-004
tblVehicleEF	MHD	0.04	0.07
tblVehicleEF	MHD	0.02	0.08
tblVehicleEF	MHD	0.35	0.04
tblVehicleEF	MHD	0.02	2.3860e-003
tblVehicleEF	MHD	3.5800e-003	3.3450e-003
tblVehicleEF	MHD	0.05	6.2100e-003
tblVehicleEF	MHD	0.24	0.26
tblVehicleEF	MHD	0.28	0.33
tblVehicleEF	MHD	4.97	0.70
tblVehicleEF	MHD	166.20	69.59

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tblVehicleEF	MHD	1,101.52	974.58
tblVehicleEF	MHD	52.43	6.28
tblVehicleEF	MHD	0.62	0.52
tblVehicleEF	MHD	0.92	1.52
tblVehicleEF	MHD	11.85	1.49
tblVehicleEF	MHD	3.2500e-004	1.0410e-003
tblVehicleEF	MHD	5.0030e-003	0.04
tblVehicleEF	MHD	7.6400e-004	7.5000e-005
tblVehicleEF	MHD	3.1100e-004	9.9600e-004
tblVehicleEF	MHD	4.7830e-003	0.03
tblVehicleEF	MHD	7.0300e-004	6.9000e-005
tblVehicleEF	MHD	2.5300e-003	8.2800e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.5010e-003	4.7800e-004
tblVehicleEF	MHD	0.04	0.06
tblVehicleEF	MHD	0.02	0.08
tblVehicleEF	MHD	0.30	0.03
tblVehicleEF	MHD	1.5950e-003	6.5900e-004
tblVehicleEF	MHD	0.01	9.2620e-003
tblVehicleEF	MHD	6.1100e-004	6.2000e-005
tblVehicleEF	MHD	2.5300e-003	8.2800e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	1.5010e-003	4.7800e-004
tblVehicleEF	MHD	0.04	0.07
tblVehicleEF	MHD	0.02	0.08

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tblVehicleEF	MHD	0.33	0.04
tblVehicleEF	MHD	0.02	2.6830e-003
tblVehicleEF	MHD	3.5220e-003	3.3210e-003
tblVehicleEF	MHD	0.05	6.4200e-003
tblVehicleEF	MHD	0.45	0.37
tblVehicleEF	MHD	0.27	0.32
tblVehicleEF	MHD	5.23	0.74
tblVehicleEF	MHD	144.06	68.00
tblVehicleEF	MHD	1,101.52	974.57
tblVehicleEF	MHD	52.43	6.34
tblVehicleEF	MHD	0.57	0.52
tblVehicleEF	MHD	0.97	1.59
tblVehicleEF	MHD	11.87	1.50
tblVehicleEF	MHD	4.7000e-004	1.4940e-003
tblVehicleEF	MHD	5.0030e-003	0.04
tblVehicleEF	MHD	7.6400e-004	7.5000e-005
tblVehicleEF	MHD	4.4900e-004	1.4300e-003
tblVehicleEF	MHD	4.7830e-003	0.03
tblVehicleEF	MHD	7.0300e-004	6.9000e-005
tblVehicleEF	MHD	1.3890e-003	4.7100e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	6.4000e-004	2.4400e-004
tblVehicleEF	MHD	0.04	0.06
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.32	0.03
tblVehicleEF	MHD	1.3860e-003	6.4400e-004

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tblVehicleEF	MHD	0.01	9.2620e-003
tblVehicleEF	MHD	6.1600e-004	6.3000e-005
tblVehicleEF	MHD	1.3890e-003	4.7100e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	6.4000e-004	2.4400e-004
tblVehicleEF	MHD	0.04	0.07
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.35	0.04
tblVehicleEF	OBUS	0.01	8.8190e-003
tblVehicleEF	OBUS	9.9110e-003	6.5960e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.26	0.52
tblVehicleEF	OBUS	0.63	0.77
tblVehicleEF	OBUS	6.27	2.45
tblVehicleEF	OBUS	70.35	76.06
tblVehicleEF	OBUS	1,121.50	1,406.90
tblVehicleEF	OBUS	70.70	20.49
tblVehicleEF	OBUS	0.28	0.34
tblVehicleEF	OBUS	0.97	1.24
tblVehicleEF	OBUS	1.93	0.68
tblVehicleEF	OBUS	6.4000e-005	5.8900e-004
tblVehicleEF	OBUS	4.6440e-003	0.01
tblVehicleEF	OBUS	9.2900e-004	2.1800e-004
tblVehicleEF	OBUS	6.1000e-005	5.6400e-004
tblVehicleEF	OBUS	4.4220e-003	0.01
tblVehicleEF	OBUS	8.5400e-004	2.0100e-004

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tblVehicleEF	OBUS	2.1800e-003	2.6020e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	9.3100e-004	1.1160e-003
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	0.05	0.29
tblVehicleEF	OBUS	0.38	0.12
tblVehicleEF	OBUS	6.8400e-004	7.2500e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.1700e-004	2.0300e-004
tblVehicleEF	OBUS	2.1800e-003	2.6020e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	9.3100e-004	1.1160e-003
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	0.05	0.29
tblVehicleEF	OBUS	0.42	0.13
tblVehicleEF	OBUS	0.01	8.8750e-003
tblVehicleEF	OBUS	0.01	6.7350e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.26	0.51
tblVehicleEF	OBUS	0.65	0.79
tblVehicleEF	OBUS	5.74	2.28
tblVehicleEF	OBUS	73.50	75.90
tblVehicleEF	OBUS	1,121.50	1,406.93
tblVehicleEF	OBUS	70.70	20.20
tblVehicleEF	OBUS	0.29	0.34

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tblVehicleEF	OBUS	0.90	1.16
tblVehicleEF	OBUS	1.88	0.67
tblVehicleEF	OBUS	5.4000e-005	5.0100e-004
tblVehicleEF	OBUS	4.6440e-003	0.01
tblVehicleEF	OBUS	9.2900e-004	2.1800e-004
tblVehicleEF	OBUS	5.1000e-005	4.7900e-004
tblVehicleEF	OBUS	4.4220e-003	0.01
tblVehicleEF	OBUS	8.5400e-004	2.0100e-004
tblVehicleEF	OBUS	4.2350e-003	4.6860e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	2.1330e-003	2.2090e-003
tblVehicleEF	OBUS	0.05	0.05
tblVehicleEF	OBUS	0.05	0.29
tblVehicleEF	OBUS	0.36	0.11
tblVehicleEF	OBUS	7.1400e-004	7.2400e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.0800e-004	2.0000e-004
tblVehicleEF	OBUS	4.2350e-003	4.6860e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	2.1330e-003	2.2090e-003
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	0.05	0.29
tblVehicleEF	OBUS	0.40	0.12
tblVehicleEF	OBUS	0.01	8.7740e-003
tblVehicleEF	OBUS	9.9380e-003	6.6000e-003

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tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.28	0.53
tblVehicleEF	OBUS	0.63	0.77
tblVehicleEF	OBUS	6.22	2.45
tblVehicleEF	OBUS	66.00	76.30
tblVehicleEF	OBUS	1,121.50	1,406.90
tblVehicleEF	OBUS	70.70	20.50
tblVehicleEF	OBUS	0.27	0.35
tblVehicleEF	OBUS	0.96	1.22
tblVehicleEF	OBUS	1.91	0.68
tblVehicleEF	OBUS	7.7000e-005	7.1200e-004
tblVehicleEF	OBUS	4.6440e-003	0.01
tblVehicleEF	OBUS	9.2900e-004	2.1800e-004
tblVehicleEF	OBUS	7.4000e-005	6.8100e-004
tblVehicleEF	OBUS	4.4220e-003	0.01
tblVehicleEF	OBUS	8.5400e-004	2.0100e-004
tblVehicleEF	OBUS	2.3200e-003	2.7390e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	9.4100e-004	1.1650e-003
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	0.05	0.30
tblVehicleEF	OBUS	0.38	0.12
tblVehicleEF	OBUS	6.4200e-004	7.2700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.1600e-004	2.0300e-004
tblVehicleEF	OBUS	2.3200e-003	2.7390e-003

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tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	9.4100e-004	1.1650e-003
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	0.05	0.30
tblVehicleEF	OBUS	0.42	0.13
tblVehicleEF	SBUS	0.84	0.06
tblVehicleEF	SBUS	0.01	8.5840e-003
tblVehicleEF	SBUS	0.07	6.1570e-003
tblVehicleEF	SBUS	5.71	2.50
tblVehicleEF	SBUS	0.65	0.78
tblVehicleEF	SBUS	5.33	0.82
tblVehicleEF	SBUS	1,258.13	345.06
tblVehicleEF	SBUS	1,136.31	1,112.17
tblVehicleEF	SBUS	37.11	4.79
tblVehicleEF	SBUS	11.70	3.29
tblVehicleEF	SBUS	4.77	5.20
tblVehicleEF	SBUS	15.02	0.91
tblVehicleEF	SBUS	0.01	4.3580e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	5.1700e-004	4.0000e-005
tblVehicleEF	SBUS	0.01	4.1690e-003
tblVehicleEF	SBUS	2.7560e-003	2.7010e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	4.7500e-004	3.6000e-005
tblVehicleEF	SBUS	2.9260e-003	1.2420e-003

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tblVehicleEF	SBUS	0.02	9.5120e-003
tblVehicleEF	SBUS	0.68	0.28
tblVehicleEF	SBUS	1.3050e-003	5.9000e-004
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	9.3510e-003	0.06
tblVehicleEF	SBUS	0.27	0.04
tblVehicleEF	SBUS	0.01	3.2890e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	4.6300e-004	4.7000e-005
tblVehicleEF	SBUS	2.9260e-003	1.2420e-003
tblVehicleEF	SBUS	0.02	9.5120e-003
tblVehicleEF	SBUS	0.97	0.40
tblVehicleEF	SBUS	1.3050e-003	5.9000e-004
tblVehicleEF	SBUS	0.13	0.13
tblVehicleEF	SBUS	9.3510e-003	0.06
tblVehicleEF	SBUS	0.30	0.04
tblVehicleEF	SBUS	0.84	0.06
tblVehicleEF	SBUS	0.01	8.7140e-003
tblVehicleEF	SBUS	0.06	5.1550e-003
tblVehicleEF	SBUS	5.56	2.47
tblVehicleEF	SBUS	0.66	0.80
tblVehicleEF	SBUS	3.65	0.60
tblVehicleEF	SBUS	1,322.00	352.98
tblVehicleEF	SBUS	1,136.31	1,112.20
tblVehicleEF	SBUS	37.11	4.41
tblVehicleEF	SBUS	12.08	3.36
tblVehicleEF	SBUS	4.47	4.88

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tblVehicleEF	SBUS	14.99	0.90
tblVehicleEF	SBUS	0.01	3.6810e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	5.1700e-004	4.0000e-005
tblVehicleEF	SBUS	9.6490e-003	3.5220e-003
tblVehicleEF	SBUS	2.7560e-003	2.7010e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	4.7500e-004	3.6000e-005
tblVehicleEF	SBUS	5.6170e-003	2.2080e-003
tblVehicleEF	SBUS	0.02	9.9850e-003
tblVehicleEF	SBUS	0.67	0.28
tblVehicleEF	SBUS	2.8800e-003	1.1130e-003
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	8.5310e-003	0.06
tblVehicleEF	SBUS	0.22	0.03
tblVehicleEF	SBUS	0.01	3.3630e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	4.3500e-004	4.4000e-005
tblVehicleEF	SBUS	5.6170e-003	2.2080e-003
tblVehicleEF	SBUS	0.02	9.9850e-003
tblVehicleEF	SBUS	0.97	0.40
tblVehicleEF	SBUS	2.8800e-003	1.1130e-003
tblVehicleEF	SBUS	0.13	0.13
tblVehicleEF	SBUS	8.5310e-003	0.06
tblVehicleEF	SBUS	0.24	0.03
tblVehicleEF	SBUS	0.84	0.06

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tblVehicleEF	SBUS	0.01	8.5760e-003
tblVehicleEF	SBUS	0.07	6.3440e-003
tblVehicleEF	SBUS	5.91	2.56
tblVehicleEF	SBUS	0.65	0.78
tblVehicleEF	SBUS	5.37	0.86
tblVehicleEF	SBUS	1,169.92	334.13
tblVehicleEF	SBUS	1,136.31	1,112.17
tblVehicleEF	SBUS	37.11	4.85
tblVehicleEF	SBUS	11.19	3.19
tblVehicleEF	SBUS	4.69	5.12
tblVehicleEF	SBUS	15.02	0.91
tblVehicleEF	SBUS	0.01	5.2920e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	5.1700e-004	4.0000e-005
tblVehicleEF	SBUS	0.01	5.0630e-003
tblVehicleEF	SBUS	2.7560e-003	2.7010e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	4.7500e-004	3.6000e-005
tblVehicleEF	SBUS	2.9580e-003	1.2070e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.68	0.28
tblVehicleEF	SBUS	1.2820e-003	6.0100e-004
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	0.01	0.08
tblVehicleEF	SBUS	0.28	0.04
tblVehicleEF	SBUS	0.01	3.1850e-003

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tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	4.6400e-004	4.8000e-005
tblVehicleEF	SBUS	2.9580e-003	1.2070e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.98	0.40
tblVehicleEF	SBUS	1.2820e-003	6.0100e-004
tblVehicleEF	SBUS	0.13	0.13
tblVehicleEF	SBUS	0.01	0.08
tblVehicleEF	SBUS	0.31	0.04
tblVehicleEF	UBUS	1.83	4.45
tblVehicleEF	UBUS	0.08	0.01
tblVehicleEF	UBUS	9.26	34.75
tblVehicleEF	UBUS	14.34	0.89
tblVehicleEF	UBUS	1,846.39	1,692.13
tblVehicleEF	UBUS	136.37	11.77
tblVehicleEF	UBUS	5.87	0.38
tblVehicleEF	UBUS	13.57	0.14
tblVehicleEF	UBUS	0.52	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.07	2.6550e-003
tblVehicleEF	UBUS	1.4030e-003	1.4100e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	6.6220e-003
tblVehicleEF	UBUS	0.06	2.5280e-003
tblVehicleEF	UBUS	1.2900e-003	1.3000e-004
tblVehicleEF	UBUS	8.0860e-003	1.6780e-003
tblVehicleEF	UBUS	0.11	9.5390e-003

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tblVehicleEF	UBUS	3.9450e-003	7.3700e-004
tblVehicleEF	UBUS	0.61	0.07
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	1.15	0.04
tblVehicleEF	UBUS	0.01	3.0250e-003
tblVehicleEF	UBUS	1.6240e-003	1.1700e-004
tblVehicleEF	UBUS	8.0860e-003	1.6780e-003
tblVehicleEF	UBUS	0.11	9.5390e-003
tblVehicleEF	UBUS	3.9450e-003	7.3700e-004
tblVehicleEF	UBUS	2.50	4.54
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	1.25	0.04
tblVehicleEF	UBUS	1.83	4.45
tblVehicleEF	UBUS	0.08	9.2350e-003
tblVehicleEF	UBUS	9.36	34.75
tblVehicleEF	UBUS	11.74	0.76
tblVehicleEF	UBUS	1,846.39	1,692.13
tblVehicleEF	UBUS	136.37	11.55
tblVehicleEF	UBUS	5.45	0.38
tblVehicleEF	UBUS	13.45	0.13
tblVehicleEF	UBUS	0.52	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.07	2.6550e-003
tblVehicleEF	UBUS	1.4030e-003	1.4100e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	6.6220e-003
tblVehicleEF	UBUS	0.06	2.5280e-003

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tblVehicleEF	UBUS	1.2900e-003	1.3000e-004
tblVehicleEF	UBUS	0.02	3.0610e-003
tblVehicleEF	UBUS	0.14	0.01
tblVehicleEF	UBUS	9.3320e-003	1.4840e-003
tblVehicleEF	UBUS	0.62	0.07
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	1.02	0.03
tblVehicleEF	UBUS	0.01	3.0250e-003
tblVehicleEF	UBUS	1.5790e-003	1.1400e-004
tblVehicleEF	UBUS	0.02	3.0610e-003
tblVehicleEF	UBUS	0.14	0.01
tblVehicleEF	UBUS	9.3320e-003	1.4840e-003
tblVehicleEF	UBUS	2.52	4.54
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	1.12	0.04
tblVehicleEF	UBUS	1.83	4.45
tblVehicleEF	UBUS	0.08	0.01
tblVehicleEF	UBUS	9.27	34.75
tblVehicleEF	UBUS	13.86	0.90
tblVehicleEF	UBUS	1,846.39	1,692.13
tblVehicleEF	UBUS	136.37	11.80
tblVehicleEF	UBUS	5.76	0.38
tblVehicleEF	UBUS	13.55	0.14
tblVehicleEF	UBUS	0.52	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.07	2.6550e-003
tblVehicleEF	UBUS	1.4030e-003	1.4100e-004

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tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	6.6220e-003
tblVehicleEF	UBUS	0.06	2.5280e-003
tblVehicleEF	UBUS	1.2900e-003	1.3000e-004
tblVehicleEF	UBUS	9.2250e-003	1.6870e-003
tblVehicleEF	UBUS	0.14	0.01
tblVehicleEF	UBUS	4.1190e-003	7.4500e-004
tblVehicleEF	UBUS	0.61	0.07
tblVehicleEF	UBUS	0.03	0.05
tblVehicleEF	UBUS	1.13	0.04
tblVehicleEF	UBUS	0.01	3.0250e-003
tblVehicleEF	UBUS	1.6160e-003	1.1700e-004
tblVehicleEF	UBUS	9.2250e-003	1.6870e-003
tblVehicleEF	UBUS	0.14	0.01
tblVehicleEF	UBUS	4.1190e-003	7.4500e-004
tblVehicleEF	UBUS	2.50	4.54
tblVehicleEF	UBUS	0.03	0.05
tblVehicleEF	UBUS	1.24	0.04
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00

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tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	92.00	0.00
tblVehicleTrips	PR_TP	92.00	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblWater	IndoorWaterUseRate	17,401,562.50	0.00
tblWater	IndoorWaterUseRate	156,614,062.50	0.00

2.0 Emissions Summary

Bridge Point Rancho Cucamonga (Building 2 Construction - Mitigated) - San Bernardino-South Coast County, Annual

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.0465	0.6109	0.4722	1.2900e-003	0.0212	0.0227	0.0439	6.0000e-003	0.0209	0.0269	0.0000	118.7858	118.7858	0.0207	0.0000	119.3030
2022	2.7604	5.6423	7.3539	0.0214	1.2259	0.1645	1.3904	0.3285	0.1545	0.4830	0.0000	1,938.3056	1,938.3056	0.2025	0.0000	1,943.3689
Maximum	2.7604	5.6423	7.3539	0.0214	1.2259	0.1645	1.3904	0.3285	0.1545	0.4830	0.0000	1,938.3056	1,938.3056	0.2025	0.0000	1,943.3689

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.0172	0.3325	0.4988	1.2900e-003	0.0212	5.4400e-003	0.0266	6.0000e-003	5.4200e-003	0.0114	0.0000	118.7858	118.7858	0.0207	0.0000	119.3030
2022	2.5302	4.1489	7.8150	0.0214	1.2259	0.1374	1.3632	0.3285	0.1367	0.4652	0.0000	1,938.3049	1,938.3049	0.2025	0.0000	1,943.3682
Maximum	2.5302	4.1489	7.8150	0.0214	1.2259	0.1374	1.3632	0.3285	0.1367	0.4652	0.0000	1,938.3049	1,938.3049	0.2025	0.0000	1,943.3682

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	9.24	28.33	-6.23	0.00	0.00	23.71	3.09	0.00	18.97	6.52	0.00	0.00	0.00	0.00	0.00	0.00

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Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	10-5-2021	1-4-2022	0.6681	0.3541
2	1-5-2022	4-4-2022	1.3112	1.0027
3	4-5-2022	7-4-2022	2.7047	2.1663
4	7-5-2022	9-30-2022	2.6155	2.0949
		Highest	2.7047	2.1663

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	3.1659	1.6000e-004	0.0174	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.0338	0.0338	9.0000e-005	0.0000	0.0360
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	3.1659	1.6000e-004	0.0174	0.0000	0.0000	6.0000e-005	6.0000e-005	0.0000	6.0000e-005	6.0000e-005	0.0000	0.0338	0.0338	9.0000e-005	0.0000	0.0360

Bridge Point Rancho Cucamonga (Building 2 Construction - Mitigated) - San Bernardino-South Coast County, Annual

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	3.1659	1.6000e-004	0.0174	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.0338	0.0338	9.0000e-005	0.0000	0.0360
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	3.1659	1.6000e-004	0.0174	0.0000	0.0000	6.0000e-005	6.0000e-005	0.0000	6.0000e-005	6.0000e-005	0.0000	0.0338	0.0338	9.0000e-005	0.0000	0.0360

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Bridge Point Rancho Cucamonga (Building 2 Construction - Mitigated) - San Bernardino-South Coast County, Annual

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Utilities/Infrastructure Construction	Building Construction	10/5/2021	1/24/2022	5	80	
2	Paving	Paving	1/25/2022	2/21/2022	5	20	
3	Building Construction	Building Construction	2/22/2022	11/28/2022	5	200	
4	Architectural Coating	Architectural Coating	3/8/2022	11/28/2022	5	190	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 12.44

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 1,128,750; Non-Residential Outdoor: 376,250; Striped Parking Area: 73,294 (Architectural Coating – sqft)

OffRoad Equipment

Bridge Point Rancho Cucamonga (Building 2 Construction - Mitigated) - San Bernardino-South Coast County, Annual

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Utilities/Infrastructure Construction	Cranes	0	8.00	231	0.29
Utilities/Infrastructure Construction	Excavators	1	8.00	158	0.38
Utilities/Infrastructure Construction	Forklifts	0	8.00	89	0.20
Utilities/Infrastructure Construction	Generator Sets	0	8.00	84	0.74
Utilities/Infrastructure Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Utilities/Infrastructure Construction	Trenchers	1	8.00	78	0.50
Utilities/Infrastructure Construction	Welders	0	8.00	46	0.45
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	1	8.00	80	0.38
Building Construction	Aerial Lifts	8	8.00	63	0.31
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Crawler Tractors	1	8.00	212	0.43
Building Construction	Forklifts	2	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Other Construction Equipment	1	8.00	172	0.42
Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Welders	2	8.00	46	0.45
Architectural Coating	Air Compressors	1	8.00	78	0.48

Trips and VMT

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Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Utilities/Infrastructure Construction	5	15.00	79.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	3	8.00	20.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	19	840.00	102.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	168.00	97.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

3.2 Utilities/Infrastructure Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0376	0.3633	0.4051	5.7000e-004		0.0222	0.0222		0.0205	0.0205	0.0000	50.2164	50.2164	0.0162	0.0000	50.6224
Total	0.0376	0.3633	0.4051	5.7000e-004		0.0222	0.0222		0.0205	0.0205	0.0000	50.2164	50.2164	0.0162	0.0000	50.6224

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3.2 Utilities/Infrastructure Construction - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.7000e-003	0.2459	0.0500	6.7000e-004	0.0159	4.2000e-004	0.0164	4.6000e-003	4.0000e-004	5.0000e-003	0.0000	64.2019	64.2019	4.3300e-003	0.0000	64.3101
Worker	2.2100e-003	1.6700e-003	0.0171	5.0000e-005	5.2600e-003	3.0000e-005	5.3000e-003	1.4000e-003	3.0000e-005	1.4300e-003	0.0000	4.3675	4.3675	1.2000e-004	0.0000	4.3706
Total	8.9100e-003	0.2476	0.0671	7.2000e-004	0.0212	4.5000e-004	0.0217	6.0000e-003	4.3000e-004	6.4300e-003	0.0000	68.5694	68.5694	4.4500e-003	0.0000	68.6806

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.3200e-003	0.0849	0.4317	5.7000e-004		4.9800e-003	4.9800e-003		4.9800e-003	4.9800e-003	0.0000	50.2163	50.2163	0.0162	0.0000	50.6223
Total	8.3200e-003	0.0849	0.4317	5.7000e-004		4.9800e-003	4.9800e-003		4.9800e-003	4.9800e-003	0.0000	50.2163	50.2163	0.0162	0.0000	50.6223

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3.2 Utilities/Infrastructure Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.7000e-003	0.2459	0.0500	6.7000e-004	0.0159	4.2000e-004	0.0164	4.6000e-003	4.0000e-004	5.0000e-003	0.0000	64.2019	64.2019	4.3300e-003	0.0000	64.3101
Worker	2.2100e-003	1.6700e-003	0.0171	5.0000e-005	5.2600e-003	3.0000e-005	5.3000e-003	1.4000e-003	3.0000e-005	1.4300e-003	0.0000	4.3675	4.3675	1.2000e-004	0.0000	4.3706
Total	8.9100e-003	0.2476	0.0671	7.2000e-004	0.0212	4.5000e-004	0.0217	6.0000e-003	4.3000e-004	6.4300e-003	0.0000	68.5694	68.5694	4.4500e-003	0.0000	68.6806

3.2 Utilities/Infrastructure Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.4800e-003	0.0815	0.1005	1.4000e-004		4.7700e-003	4.7700e-003		4.3800e-003	4.3800e-003	0.0000	12.5604	12.5604	4.0600e-003	0.0000	12.6619
Total	8.4800e-003	0.0815	0.1005	1.4000e-004		4.7700e-003	4.7700e-003		4.3800e-003	4.3800e-003	0.0000	12.5604	12.5604	4.0600e-003	0.0000	12.6619

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3.2 Utilities/Infrastructure Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5600e-003	0.0582	0.0116	1.7000e-004	3.9800e-003	9.0000e-005	4.0700e-003	1.1500e-003	8.0000e-005	1.2300e-003	0.0000	15.9197	15.9197	1.0400e-003	0.0000	15.9458
Worker	5.2000e-004	3.8000e-004	3.9200e-003	1.0000e-005	1.3200e-003	1.0000e-005	1.3200e-003	3.5000e-004	1.0000e-005	3.6000e-004	0.0000	1.0525	1.0525	3.0000e-005	0.0000	1.0532
Total	2.0800e-003	0.0586	0.0155	1.8000e-004	5.3000e-003	1.0000e-004	5.3900e-003	1.5000e-003	9.0000e-005	1.5900e-003	0.0000	16.9723	16.9723	1.0700e-003	0.0000	16.9991

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.0800e-003	0.0212	0.1079	1.4000e-004		1.2500e-003	1.2500e-003		1.2500e-003	1.2500e-003	0.0000	12.5604	12.5604	4.0600e-003	0.0000	12.6619
Total	2.0800e-003	0.0212	0.1079	1.4000e-004		1.2500e-003	1.2500e-003		1.2500e-003	1.2500e-003	0.0000	12.5604	12.5604	4.0600e-003	0.0000	12.6619

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3.2 Utilities/Infrastructure Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5600e-003	0.0582	0.0116	1.7000e-004	3.9800e-003	9.0000e-005	4.0700e-003	1.1500e-003	8.0000e-005	1.2300e-003	0.0000	15.9197	15.9197	1.0400e-003	0.0000	15.9458
Worker	5.2000e-004	3.8000e-004	3.9200e-003	1.0000e-005	1.3200e-003	1.0000e-005	1.3200e-003	3.5000e-004	1.0000e-005	3.6000e-004	0.0000	1.0525	1.0525	3.0000e-005	0.0000	1.0532
Total	2.0800e-003	0.0586	0.0155	1.8000e-004	5.3000e-003	1.0000e-004	5.3900e-003	1.5000e-003	9.0000e-005	1.5900e-003	0.0000	16.9723	16.9723	1.0700e-003	0.0000	16.9991

3.3 Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.5100e-003	0.0556	0.0729	1.1000e-004		2.8400e-003	2.8400e-003		2.6100e-003	2.6100e-003	0.0000	10.0138	10.0138	3.2400e-003	0.0000	10.0948
Paving	0.0123					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0178	0.0556	0.0729	1.1000e-004		2.8400e-003	2.8400e-003		2.6100e-003	2.6100e-003	0.0000	10.0138	10.0138	3.2400e-003	0.0000	10.0948

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3.3 Paving - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.9000e-004	0.0184	3.6700e-003	5.0000e-005	1.2600e-003	3.0000e-005	1.2900e-003	3.6000e-004	3.0000e-005	3.9000e-004	0.0000	5.0379	5.0379	3.3000e-004	0.0000	5.0462
Worker	3.4000e-004	2.5000e-004	2.6100e-003	1.0000e-005	8.8000e-004	1.0000e-005	8.8000e-004	2.3000e-004	1.0000e-005	2.4000e-004	0.0000	0.7017	0.7017	2.0000e-005	0.0000	0.7022
Total	8.3000e-004	0.0187	6.2800e-003	6.0000e-005	2.1400e-003	4.0000e-005	2.1700e-003	5.9000e-004	4.0000e-005	6.3000e-004	0.0000	5.7396	5.7396	3.5000e-004	0.0000	5.7483

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.8000e-003	0.0565	0.0865	1.1000e-004		3.0500e-003	3.0500e-003		3.0500e-003	3.0500e-003	0.0000	10.0138	10.0138	3.2400e-003	0.0000	10.0947
Paving	0.0123					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0151	0.0565	0.0865	1.1000e-004		3.0500e-003	3.0500e-003		3.0500e-003	3.0500e-003	0.0000	10.0138	10.0138	3.2400e-003	0.0000	10.0947

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3.3 Paving - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.9000e-004	0.0184	3.6700e-003	5.0000e-005	1.2600e-003	3.0000e-005	1.2900e-003	3.6000e-004	3.0000e-005	3.9000e-004	0.0000	5.0379	5.0379	3.3000e-004	0.0000	5.0462
Worker	3.4000e-004	2.5000e-004	2.6100e-003	1.0000e-005	8.8000e-004	1.0000e-005	8.8000e-004	2.3000e-004	1.0000e-005	2.4000e-004	0.0000	0.7017	0.7017	2.0000e-005	0.0000	0.7022
Total	8.3000e-004	0.0187	6.2800e-003	6.0000e-005	2.1400e-003	4.0000e-005	2.1700e-003	5.9000e-004	4.0000e-005	6.3000e-004	0.0000	5.7396	5.7396	3.5000e-004	0.0000	5.7483

3.4 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.3134	3.1480	3.3068	5.7300e-003		0.1368	0.1368		0.1280	0.1280	0.0000	494.8621	494.8621	0.1368	0.0000	498.2817
Total	0.3134	3.1480	3.3068	5.7300e-003		0.1368	0.1368		0.1280	0.1280	0.0000	494.8621	494.8621	0.1368	0.0000	498.2817

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3.4 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0252	0.9398	0.1869	2.6800e-003	0.0643	1.4300e-003	0.0657	0.0186	1.3700e-003	0.0199	0.0000	256.9323	256.9323	0.0169	0.0000	257.3537
Worker	0.3615	0.2627	2.7448	8.1500e-003	0.9210	5.8300e-003	0.9269	0.2446	5.3700e-003	0.2500	0.0000	736.7758	736.7758	0.0192	0.0000	737.2555
Total	0.3867	1.2025	2.9317	0.0108	0.9853	7.2600e-003	0.9926	0.2632	6.7400e-003	0.2699	0.0000	993.7081	993.7081	0.0361	0.0000	994.6093

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1107	1.7206	3.7446	5.7300e-003		0.1112	0.1112		0.1112	0.1112	0.0000	494.8615	494.8615	0.1368	0.0000	498.2811
Total	0.1107	1.7206	3.7446	5.7300e-003		0.1112	0.1112		0.1112	0.1112	0.0000	494.8615	494.8615	0.1368	0.0000	498.2811

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3.4 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0252	0.9398	0.1869	2.6800e-003	0.0643	1.4300e-003	0.0657	0.0186	1.3700e-003	0.0199	0.0000	256.9323	256.9323	0.0169	0.0000	257.3537
Worker	0.3615	0.2627	2.7448	8.1500e-003	0.9210	5.8300e-003	0.9269	0.2446	5.3700e-003	0.2500	0.0000	736.7758	736.7758	0.0192	0.0000	737.2555
Total	0.3867	1.2025	2.9317	0.0108	0.9853	7.2600e-003	0.9926	0.2632	6.7400e-003	0.2699	0.0000	993.7081	993.7081	0.0361	0.0000	994.6093

3.5 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.9138					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0259	0.1784	0.2297	3.8000e-004		0.0104	0.0104		0.0104	0.0104	0.0000	32.3412	32.3412	2.1100e-003	0.0000	32.3939
Total	1.9397	0.1784	0.2297	3.8000e-004		0.0104	0.0104		0.0104	0.0104	0.0000	32.3412	32.3412	2.1100e-003	0.0000	32.3939

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3.5 Architectural Coating - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0228	0.8491	0.1689	2.4200e-003	0.0581	1.3000e-003	0.0594	0.0168	1.2400e-003	0.0180	0.0000	232.1207	232.1207	0.0152	0.0000	232.5014
Worker	0.0687	0.0499	0.5215	1.5500e-003	0.1750	1.1100e-003	0.1761	0.0465	1.0200e-003	0.0475	0.0000	139.9874	139.9874	3.6500e-003	0.0000	140.0786
Total	0.0915	0.8990	0.6904	3.9700e-003	0.2331	2.4100e-003	0.2355	0.0633	2.2600e-003	0.0655	0.0000	372.1081	372.1081	0.0189	0.0000	372.5800

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.9138					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.5300e-003	0.1719	0.2321	3.8000e-004		0.0120	0.0120		0.0120	0.0120	0.0000	32.3412	32.3412	2.1100e-003	0.0000	32.3938
Total	1.9213	0.1719	0.2321	3.8000e-004		0.0120	0.0120		0.0120	0.0120	0.0000	32.3412	32.3412	2.1100e-003	0.0000	32.3938

Bridge Point Rancho Cucamonga (Building 2 Construction - Mitigated) - San Bernardino-South Coast County, Annual

3.5 Architectural Coating - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0228	0.8491	0.1689	2.4200e-003	0.0581	1.3000e-003	0.0594	0.0168	1.2400e-003	0.0180	0.0000	232.1207	232.1207	0.0152	0.0000	232.5014
Worker	0.0687	0.0499	0.5215	1.5500e-003	0.1750	1.1100e-003	0.1761	0.0465	1.0200e-003	0.0475	0.0000	139.9874	139.9874	3.6500e-003	0.0000	140.0786
Total	0.0915	0.8990	0.6904	3.9700e-003	0.2331	2.4100e-003	0.2355	0.0633	2.2600e-003	0.0655	0.0000	372.1081	372.1081	0.0189	0.0000	372.5800

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Bridge Point Rancho Cucamonga (Building 2 Construction - Mitigated) - San Bernardino-South Coast County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Refrigerated Warehouse-No Rail	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Refrigerated Warehouse-No	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0

Bridge Point Rancho Cucamonga (Building 2 Construction - Mitigated) - San Bernardino-South Coast County, Annual

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.553113	0.036408	0.180286	0.116335	0.016165	0.005101	0.018218	0.063797	0.001357	0.001565	0.005903	0.000808	0.000944
Other Non-Asphalt Surfaces	0.553113	0.036408	0.180286	0.116335	0.016165	0.005101	0.018218	0.063797	0.001357	0.001565	0.005903	0.000808	0.000944
Parking Lot	0.553113	0.036408	0.180286	0.116335	0.016165	0.005101	0.018218	0.063797	0.001357	0.001565	0.005903	0.000808	0.000944
Refrigerated Warehouse-No Rail	0.553113	0.036408	0.180286	0.116335	0.016165	0.005101	0.018218	0.063797	0.001357	0.001565	0.005903	0.000808	0.000944
Unrefrigerated Warehouse-No Rail	0.553113	0.036408	0.180286	0.116335	0.016165	0.005101	0.018218	0.063797	0.001357	0.001565	0.005903	0.000808	0.000944

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Bridge Point Rancho Cucamonga (Building 2 Construction - Mitigated) - San Bernardino-South Coast County, Annual

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Bridge Point Rancho Cucamonga (Building 2 Construction - Mitigated) - San Bernardino-South Coast County, Annual

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Land Use	kBTU/yr	tons/yr										MT/yr						
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Bridge Point Rancho Cucamonga (Building 2 Construction - Mitigated) - San Bernardino-South Coast County, Annual

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Bridge Point Rancho Cucamonga (Building 2 Construction - Mitigated) - San Bernardino-South Coast County, Annual

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

Bridge Point Rancho Cucamonga (Building 2 Construction - Mitigated) - San Bernardino-South Coast County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	3.1659	1.6000e-004	0.0174	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.0338	0.0338	9.0000e-005	0.0000	0.0360
Unmitigated	3.1659	1.6000e-004	0.0174	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.0338	0.0338	9.0000e-005	0.0000	0.0360

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.3661					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.7981					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.6200e-003	1.6000e-004	0.0174	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.0338	0.0338	9.0000e-005	0.0000	0.0360
Total	3.1659	1.6000e-004	0.0174	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.0338	0.0338	9.0000e-005	0.0000	0.0360

Bridge Point Rancho Cucamonga (Building 2 Construction - Mitigated) - San Bernardino-South Coast County, Annual

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.3661					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.7981					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.6200e-003	1.6000e-004	0.0174	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.0338	0.0338	9.0000e-005	0.0000	0.0360
Total	3.1659	1.6000e-004	0.0174	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.0338	0.0338	9.0000e-005	0.0000	0.0360

7.0 Water Detail

7.1 Mitigation Measures Water

Bridge Point Rancho Cucamonga (Building 2 Construction - Mitigated) - San Bernardino-South Coast County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Bridge Point Rancho Cucamonga (Building 2 Construction - Mitigated) - San Bernardino-South Coast County, Annual

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

8.0 Waste Detail

8.1 Mitigation Measures Waste

Bridge Point Rancho Cucamonga (Building 2 Construction - Mitigated) - San Bernardino-South Coast County, Annual

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Bridge Point Rancho Cucamonga (Building 2 Construction - Mitigated) - San Bernardino-South Coast County, Annual

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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Bridge Point Rancho Cucamonga (Building 2 Construction - Mitigated) - San Bernardino-South Coast County, Annual

User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

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APPENDIX 4.2:

CALEEMOD PROJECT ANNUAL OPERATIONAL (PASSENGER CARS) EMISSIONS MODEL OUTPUTS

Bridge Point Rancho Cucamonga (Operations - Passenger Cars) - San Bernardino-South Coast County, Annual

Bridge Point Rancho Cucamonga (Operations - Passenger Cars)
San Bernardino-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Refrigerated Warehouse-No Rail	217.50	1000sqft	4.99	217,500.00	0
Unrefrigerated Warehouse-No Rail	1,957.50	1000sqft	44.94	1,957,500.00	0
Other Asphalt Surfaces	1.54	1000sqft	0.04	1,540.00	0
Other Non-Asphalt Surfaces	370.60	1000sqft	8.51	370,600.00	0
Parking Lot	1,408.00	Space	26.57	1,157,383.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	32
Climate Zone	10			Operational Year	2022
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Bridge Point Rancho Cucamonga (Operations - Passenger Cars) - San Bernardino-South Coast County, Annual

Project Characteristics -

Land Use - Parking Lot Area: Auto, Dock Loading, Trailer, and Bicycle Parking. Employee Outdoor Area modeled as Other Asphalt Surfaces. Landscape Area modeled as Other Non-Asphalt Surfaces

Construction Phase - Operations Run Only.

Off-road Equipment - Operations Run Only.

Trips and VMT - Operations Run Only.

Vehicle Trips - Trip Characteristics based on information provided in the Traffic Analysis.

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Energy Use - The Project will design building shells and building components to meet 2019 Title 24 Standards which expects 30% less energy for nonresidential uses. The Project will not use Natural Gas.

Water And Wastewater - Water use based on information provided in the WSA

Operational Off-Road Equipment - Off-road equipment based on consultation with the Project Applicant.

Fleet Mix - Passenger Car Fleet Mix estimated based on the CalEEMod default fleet mix and the ratio of the vehicle classes (LDA, LDT1, LDT2, and MDV).

Area Coating -

Table Name	Column Name	Default Value	New Value
tblEnergyUse	LightingElect	2.37	1.66
tblEnergyUse	LightingElect	1.17	0.82
tblEnergyUse	NT24NG	48.51	0.00
tblEnergyUse	NT24NG	0.03	0.00
tblEnergyUse	T24E	1.06	0.74
tblEnergyUse	T24E	0.37	0.26
tblEnergyUse	T24NG	3.25	0.00
tblEnergyUse	T24NG	2.00	0.00
tblFleetMix	HHD	0.06	0.00
tblFleetMix	HHD	0.06	0.00

Bridge Point Rancho Cucamonga (Operations - Passenger Cars) - San Bernardino-South Coast County, Annual

tblFleetMix	LDA	0.55	0.62
tblFleetMix	LDA	0.55	0.62
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT2	0.18	0.20
tblFleetMix	LDT2	0.18	0.20
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD2	5.1010e-003	0.00
tblFleetMix	LHD2	5.1010e-003	0.00
tblFleetMix	MCY	5.9030e-003	0.00
tblFleetMix	MCY	5.9030e-003	0.00
tblFleetMix	MDV	0.12	0.13
tblFleetMix	MDV	0.12	0.13
tblFleetMix	MH	9.4400e-004	0.00
tblFleetMix	MH	9.4400e-004	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	1.3570e-003	0.00
tblFleetMix	OBUS	1.3570e-003	0.00
tblFleetMix	SBUS	8.0800e-004	0.00
tblFleetMix	SBUS	8.0800e-004	0.00
tblFleetMix	UBUS	1.5650e-003	0.00
tblFleetMix	UBUS	1.5650e-003	0.00
tblLandUse	LandUseSquareFeet	563,200.00	1,157,383.00
tblLandUse	LotAcreage	12.67	26.57
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00

Bridge Point Rancho Cucamonga (Operations - Passenger Cars) - San Bernardino-South Coast County, Annual

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOperationalOffRoadEquipment	OperDaysPerYear	260.00	365.00
tblOperationalOffRoadEquipment	OperFuelType	Diesel	CNG
tblOperationalOffRoadEquipment	OperHoursPerDay	8.00	4.00
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	4.00
tblVehicleEF	HHD	1.21	0.03
tblVehicleEF	HHD	0.04	0.14
tblVehicleEF	HHD	0.10	0.00
tblVehicleEF	HHD	3.29	5.95
tblVehicleEF	HHD	0.57	0.67
tblVehicleEF	HHD	1.82	3.7880e-003
tblVehicleEF	HHD	6,933.41	1,124.17
tblVehicleEF	HHD	1,475.79	1,484.27
tblVehicleEF	HHD	5.54	0.03
tblVehicleEF	HHD	26.50	6.08
tblVehicleEF	HHD	2.50	3.42
tblVehicleEF	HHD	20.21	2.10
tblVehicleEF	HHD	9.7780e-003	3.6280e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.01	0.03
tblVehicleEF	HHD	5.1000e-005	1.0000e-006
tblVehicleEF	HHD	9.3550e-003	3.4710e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8810e-003	8.8310e-003
tblVehicleEF	HHD	0.01	0.03

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tblVehicleEF	HHD	4.7000e-005	1.0000e-006
tblVehicleEF	HHD	8.5000e-005	5.0000e-006
tblVehicleEF	HHD	3.1910e-003	1.6000e-004
tblVehicleEF	HHD	0.84	0.43
tblVehicleEF	HHD	5.2000e-005	3.0000e-006
tblVehicleEF	HHD	0.08	0.08
tblVehicleEF	HHD	2.1700e-004	7.9100e-004
tblVehicleEF	HHD	0.05	1.0000e-006
tblVehicleEF	HHD	0.07	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	8.6000e-005	0.00
tblVehicleEF	HHD	8.5000e-005	5.0000e-006
tblVehicleEF	HHD	3.1910e-003	1.6000e-004
tblVehicleEF	HHD	0.97	0.50
tblVehicleEF	HHD	5.2000e-005	3.0000e-006
tblVehicleEF	HHD	0.13	0.23
tblVehicleEF	HHD	2.1700e-004	7.9100e-004
tblVehicleEF	HHD	0.06	1.0000e-006
tblVehicleEF	HHD	1.14	0.03
tblVehicleEF	HHD	0.04	0.14
tblVehicleEF	HHD	0.09	0.00
tblVehicleEF	HHD	2.39	5.82
tblVehicleEF	HHD	0.57	0.67
tblVehicleEF	HHD	1.70	3.5770e-003
tblVehicleEF	HHD	7,345.18	1,121.04
tblVehicleEF	HHD	1,475.79	1,484.27
tblVehicleEF	HHD	5.54	0.03

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tblVehicleEF	HHD	27.35	5.90
tblVehicleEF	HHD	2.36	3.23
tblVehicleEF	HHD	20.20	2.10
tblVehicleEF	HHD	8.2750e-003	3.1750e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.01	0.03
tblVehicleEF	HHD	5.1000e-005	1.0000e-006
tblVehicleEF	HHD	7.9170e-003	3.0380e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8810e-003	8.8310e-003
tblVehicleEF	HHD	0.01	0.03
tblVehicleEF	HHD	4.7000e-005	1.0000e-006
tblVehicleEF	HHD	1.6800e-004	1.0000e-005
tblVehicleEF	HHD	3.5970e-003	1.8200e-004
tblVehicleEF	HHD	0.79	0.45
tblVehicleEF	HHD	1.1700e-004	7.0000e-006
tblVehicleEF	HHD	0.08	0.08
tblVehicleEF	HHD	2.2100e-004	8.1200e-004
tblVehicleEF	HHD	0.05	1.0000e-006
tblVehicleEF	HHD	0.07	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	8.4000e-005	0.00
tblVehicleEF	HHD	1.6800e-004	1.0000e-005
tblVehicleEF	HHD	3.5970e-003	1.8200e-004
tblVehicleEF	HHD	0.91	0.52
tblVehicleEF	HHD	1.1700e-004	7.0000e-006

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tblVehicleEF	HHD	0.13	0.23
tblVehicleEF	HHD	2.2100e-004	8.1200e-004
tblVehicleEF	HHD	0.06	1.0000e-006
tblVehicleEF	HHD	1.31	0.02
tblVehicleEF	HHD	0.04	3.3680e-003
tblVehicleEF	HHD	0.10	0.00
tblVehicleEF	HHD	4.53	5.98
tblVehicleEF	HHD	0.57	0.33
tblVehicleEF	HHD	1.79	3.7590e-003
tblVehicleEF	HHD	6,364.76	1,097.48
tblVehicleEF	HHD	1,475.79	1,393.36
tblVehicleEF	HHD	5.54	0.03
tblVehicleEF	HHD	25.32	6.13
tblVehicleEF	HHD	2.46	3.28
tblVehicleEF	HHD	20.20	2.10
tblVehicleEF	HHD	0.01	3.8650e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.03
tblVehicleEF	HHD	0.01	0.03
tblVehicleEF	HHD	5.1000e-005	1.0000e-006
tblVehicleEF	HHD	0.01	3.6980e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8810e-003	8.6000e-003
tblVehicleEF	HHD	0.01	0.03
tblVehicleEF	HHD	4.7000e-005	1.0000e-006
tblVehicleEF	HHD	8.5000e-005	5.0000e-006
tblVehicleEF	HHD	3.4760e-003	1.8700e-004

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tblVehicleEF	HHD	0.91	0.40
tblVehicleEF	HHD	5.2000e-005	3.0000e-006
tblVehicleEF	HHD	0.08	0.07
tblVehicleEF	HHD	2.3300e-004	8.2900e-004
tblVehicleEF	HHD	0.05	1.0000e-006
tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	8.5000e-005	0.00
tblVehicleEF	HHD	8.5000e-005	5.0000e-006
tblVehicleEF	HHD	3.4760e-003	1.8700e-004
tblVehicleEF	HHD	1.05	0.46
tblVehicleEF	HHD	5.2000e-005	3.0000e-006
tblVehicleEF	HHD	0.13	0.08
tblVehicleEF	HHD	2.3300e-004	8.2900e-004
tblVehicleEF	HHD	0.06	1.0000e-006
tblVehicleEF	LDA	4.2030e-003	2.5110e-003
tblVehicleEF	LDA	5.6230e-003	0.05
tblVehicleEF	LDA	0.57	0.67
tblVehicleEF	LDA	1.19	2.11
tblVehicleEF	LDA	251.29	265.15
tblVehicleEF	LDA	57.15	54.12
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.08	0.18
tblVehicleEF	LDA	1.6780e-003	1.5210e-003
tblVehicleEF	LDA	2.2790e-003	1.8570e-003
tblVehicleEF	LDA	1.5460e-003	1.4000e-003
tblVehicleEF	LDA	2.0960e-003	1.7080e-003

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tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.01	9.5370e-003
tblVehicleEF	LDA	0.03	0.21
tblVehicleEF	LDA	0.08	0.22
tblVehicleEF	LDA	2.5170e-003	2.6060e-003
tblVehicleEF	LDA	5.9200e-004	5.3200e-004
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.02	0.01
tblVehicleEF	LDA	0.03	0.21
tblVehicleEF	LDA	0.08	0.24
tblVehicleEF	LDA	4.7900e-003	2.8350e-003
tblVehicleEF	LDA	4.6890e-003	0.04
tblVehicleEF	LDA	0.71	0.81
tblVehicleEF	LDA	0.99	1.78
tblVehicleEF	LDA	274.94	287.11
tblVehicleEF	LDA	57.15	53.48
tblVehicleEF	LDA	0.05	0.03
tblVehicleEF	LDA	0.07	0.17
tblVehicleEF	LDA	1.6780e-003	1.5210e-003
tblVehicleEF	LDA	2.2790e-003	1.8570e-003
tblVehicleEF	LDA	1.5460e-003	1.4000e-003
tblVehicleEF	LDA	2.0960e-003	1.7080e-003
tblVehicleEF	LDA	0.09	0.11

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tblVehicleEF	LDA	0.12	0.11
tblVehicleEF	LDA	0.07	0.09
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.03	0.21
tblVehicleEF	LDA	0.06	0.19
tblVehicleEF	LDA	2.7550e-003	2.8220e-003
tblVehicleEF	LDA	5.8800e-004	5.2600e-004
tblVehicleEF	LDA	0.09	0.11
tblVehicleEF	LDA	0.12	0.11
tblVehicleEF	LDA	0.07	0.09
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.03	0.21
tblVehicleEF	LDA	0.07	0.21
tblVehicleEF	LDA	4.0860e-003	2.4590e-003
tblVehicleEF	LDA	5.5870e-003	0.05
tblVehicleEF	LDA	0.54	0.64
tblVehicleEF	LDA	1.18	2.12
tblVehicleEF	LDA	245.70	261.06
tblVehicleEF	LDA	57.15	54.13
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.08	0.18
tblVehicleEF	LDA	1.6780e-003	1.5210e-003
tblVehicleEF	LDA	2.2790e-003	1.8570e-003
tblVehicleEF	LDA	1.5460e-003	1.4000e-003
tblVehicleEF	LDA	2.0960e-003	1.7080e-003
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.11	0.11

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tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.01	9.3400e-003
tblVehicleEF	LDA	0.04	0.24
tblVehicleEF	LDA	0.08	0.22
tblVehicleEF	LDA	2.4600e-003	2.5660e-003
tblVehicleEF	LDA	5.9100e-004	5.3200e-004
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.11	0.11
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.24
tblVehicleEF	LDA	0.08	0.24
tblVehicleEF	LDT1	0.01	7.5760e-003
tblVehicleEF	LDT1	0.02	0.08
tblVehicleEF	LDT1	1.54	1.52
tblVehicleEF	LDT1	3.61	2.39
tblVehicleEF	LDT1	313.68	314.63
tblVehicleEF	LDT1	70.93	65.70
tblVehicleEF	LDT1	0.16	0.13
tblVehicleEF	LDT1	0.22	0.30
tblVehicleEF	LDT1	2.7050e-003	2.3430e-003
tblVehicleEF	LDT1	3.6920e-003	2.8390e-003
tblVehicleEF	LDT1	2.4910e-003	2.1560e-003
tblVehicleEF	LDT1	3.3960e-003	2.6100e-003
tblVehicleEF	LDT1	0.18	0.19
tblVehicleEF	LDT1	0.33	0.26
tblVehicleEF	LDT1	0.13	0.14

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tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.20	0.86
tblVehicleEF	LDT1	0.26	0.42
tblVehicleEF	LDT1	3.1570e-003	3.0930e-003
tblVehicleEF	LDT1	7.7300e-004	6.4600e-004
tblVehicleEF	LDT1	0.18	0.19
tblVehicleEF	LDT1	0.33	0.26
tblVehicleEF	LDT1	0.13	0.14
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.20	0.86
tblVehicleEF	LDT1	0.28	0.47
tblVehicleEF	LDT1	0.02	8.4640e-003
tblVehicleEF	LDT1	0.02	0.07
tblVehicleEF	LDT1	1.85	1.81
tblVehicleEF	LDT1	2.97	2.00
tblVehicleEF	LDT1	341.75	337.48
tblVehicleEF	LDT1	70.93	64.87
tblVehicleEF	LDT1	0.14	0.11
tblVehicleEF	LDT1	0.20	0.28
tblVehicleEF	LDT1	2.7050e-003	2.3430e-003
tblVehicleEF	LDT1	3.6920e-003	2.8390e-003
tblVehicleEF	LDT1	2.4910e-003	2.1560e-003
tblVehicleEF	LDT1	3.3960e-003	2.6100e-003
tblVehicleEF	LDT1	0.37	0.36
tblVehicleEF	LDT1	0.41	0.31
tblVehicleEF	LDT1	0.27	0.26
tblVehicleEF	LDT1	0.04	0.04

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tblVehicleEF	LDT1	0.20	0.85
tblVehicleEF	LDT1	0.21	0.36
tblVehicleEF	LDT1	3.4420e-003	3.3180e-003
tblVehicleEF	LDT1	7.6200e-004	6.3800e-004
tblVehicleEF	LDT1	0.37	0.36
tblVehicleEF	LDT1	0.41	0.31
tblVehicleEF	LDT1	0.27	0.26
tblVehicleEF	LDT1	0.06	0.05
tblVehicleEF	LDT1	0.20	0.85
tblVehicleEF	LDT1	0.23	0.40
tblVehicleEF	LDT1	0.01	7.4310e-003
tblVehicleEF	LDT1	0.02	0.08
tblVehicleEF	LDT1	1.47	1.47
tblVehicleEF	LDT1	3.55	2.39
tblVehicleEF	LDT1	307.06	310.38
tblVehicleEF	LDT1	70.93	65.71
tblVehicleEF	LDT1	0.15	0.12
tblVehicleEF	LDT1	0.21	0.29
tblVehicleEF	LDT1	2.7050e-003	2.3430e-003
tblVehicleEF	LDT1	3.6920e-003	2.8390e-003
tblVehicleEF	LDT1	2.4910e-003	2.1560e-003
tblVehicleEF	LDT1	3.3960e-003	2.6100e-003
tblVehicleEF	LDT1	0.19	0.19
tblVehicleEF	LDT1	0.39	0.30
tblVehicleEF	LDT1	0.12	0.13
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.23	1.00

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tblVehicleEF	LDT1	0.25	0.43
tblVehicleEF	LDT1	3.0890e-003	3.0520e-003
tblVehicleEF	LDT1	7.7200e-004	6.4600e-004
tblVehicleEF	LDT1	0.19	0.19
tblVehicleEF	LDT1	0.39	0.30
tblVehicleEF	LDT1	0.12	0.13
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.23	1.00
tblVehicleEF	LDT1	0.28	0.47
tblVehicleEF	LDT2	6.3270e-003	4.4090e-003
tblVehicleEF	LDT2	8.1990e-003	0.07
tblVehicleEF	LDT2	0.80	1.00
tblVehicleEF	LDT2	1.67	2.71
tblVehicleEF	LDT2	351.15	335.59
tblVehicleEF	LDT2	79.39	70.25
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.14	0.30
tblVehicleEF	LDT2	1.7270e-003	1.6010e-003
tblVehicleEF	LDT2	2.4170e-003	1.9240e-003
tblVehicleEF	LDT2	1.5880e-003	1.4740e-003
tblVehicleEF	LDT2	2.2220e-003	1.7690e-003
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.13	0.14
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.45
tblVehicleEF	LDT2	0.11	0.33

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tblVehicleEF	LDT2	3.5180e-003	3.2990e-003
tblVehicleEF	LDT2	8.2200e-004	6.9100e-004
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.13	0.14
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.07	0.45
tblVehicleEF	LDT2	0.12	0.36
tblVehicleEF	LDT2	7.1840e-003	4.9540e-003
tblVehicleEF	LDT2	6.8290e-003	0.06
tblVehicleEF	LDT2	0.97	1.20
tblVehicleEF	LDT2	1.38	2.28
tblVehicleEF	LDT2	383.36	357.71
tblVehicleEF	LDT2	79.39	69.39
tblVehicleEF	LDT2	0.08	0.08
tblVehicleEF	LDT2	0.13	0.28
tblVehicleEF	LDT2	1.7270e-003	1.6010e-003
tblVehicleEF	LDT2	2.4170e-003	1.9240e-003
tblVehicleEF	LDT2	1.5880e-003	1.4740e-003
tblVehicleEF	LDT2	2.2220e-003	1.7690e-003
tblVehicleEF	LDT2	0.13	0.18
tblVehicleEF	LDT2	0.15	0.16
tblVehicleEF	LDT2	0.11	0.15
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.45
tblVehicleEF	LDT2	0.09	0.29
tblVehicleEF	LDT2	3.8420e-003	3.5160e-003

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tblVehicleEF	LDT2	8.1700e-004	6.8200e-004
tblVehicleEF	LDT2	0.13	0.18
tblVehicleEF	LDT2	0.15	0.16
tblVehicleEF	LDT2	0.11	0.15
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.07	0.45
tblVehicleEF	LDT2	0.10	0.31
tblVehicleEF	LDT2	6.1560e-003	4.3220e-003
tblVehicleEF	LDT2	8.1410e-003	0.07
tblVehicleEF	LDT2	0.75	0.96
tblVehicleEF	LDT2	1.64	2.72
tblVehicleEF	LDT2	343.55	331.47
tblVehicleEF	LDT2	79.39	70.27
tblVehicleEF	LDT2	0.08	0.08
tblVehicleEF	LDT2	0.14	0.30
tblVehicleEF	LDT2	1.7270e-003	1.6010e-003
tblVehicleEF	LDT2	2.4170e-003	1.9240e-003
tblVehicleEF	LDT2	1.5880e-003	1.4740e-003
tblVehicleEF	LDT2	2.2220e-003	1.7690e-003
tblVehicleEF	LDT2	0.06	0.09
tblVehicleEF	LDT2	0.14	0.16
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.08	0.52
tblVehicleEF	LDT2	0.11	0.33
tblVehicleEF	LDT2	3.4410e-003	3.2580e-003
tblVehicleEF	LDT2	8.2200e-004	6.9100e-004

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tblVehicleEF	LDT2	0.06	0.09
tblVehicleEF	LDT2	0.14	0.16
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.08	0.52
tblVehicleEF	LDT2	0.12	0.37
tblVehicleEF	LHD1	5.2170e-003	5.0850e-003
tblVehicleEF	LHD1	0.01	6.1020e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	1.07	0.75
tblVehicleEF	LHD1	2.60	1.03
tblVehicleEF	LHD1	9.23	9.25
tblVehicleEF	LHD1	609.20	652.45
tblVehicleEF	LHD1	30.40	11.21
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	2.12	1.25
tblVehicleEF	LHD1	0.99	0.32
tblVehicleEF	LHD1	9.6500e-004	8.9000e-004
tblVehicleEF	LHD1	0.01	9.8770e-003
tblVehicleEF	LHD1	0.01	9.8260e-003
tblVehicleEF	LHD1	9.5800e-004	2.6000e-004
tblVehicleEF	LHD1	9.2400e-004	8.5100e-004
tblVehicleEF	LHD1	2.5390e-003	2.4690e-003
tblVehicleEF	LHD1	0.01	9.3750e-003
tblVehicleEF	LHD1	8.8100e-004	2.3900e-004
tblVehicleEF	LHD1	3.7070e-003	3.0390e-003

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tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.8240e-003	1.5810e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.35	0.55
tblVehicleEF	LHD1	0.27	0.08
tblVehicleEF	LHD1	9.2000e-005	9.0000e-005
tblVehicleEF	LHD1	5.9760e-003	6.3570e-003
tblVehicleEF	LHD1	3.5300e-004	1.1100e-004
tblVehicleEF	LHD1	3.7070e-003	3.0390e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.8240e-003	1.5810e-003
tblVehicleEF	LHD1	0.10	0.08
tblVehicleEF	LHD1	0.35	0.55
tblVehicleEF	LHD1	0.29	0.09
tblVehicleEF	LHD1	5.2170e-003	5.0990e-003
tblVehicleEF	LHD1	0.01	6.2280e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	1.09	0.76
tblVehicleEF	LHD1	2.43	0.98
tblVehicleEF	LHD1	9.23	9.25
tblVehicleEF	LHD1	609.20	652.47
tblVehicleEF	LHD1	30.40	11.12
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	1.98	1.17

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tblVehicleEF	LHD1	0.94	0.31
tblVehicleEF	LHD1	9.6500e-004	8.9000e-004
tblVehicleEF	LHD1	0.01	9.8770e-003
tblVehicleEF	LHD1	0.01	9.8260e-003
tblVehicleEF	LHD1	9.5800e-004	2.6000e-004
tblVehicleEF	LHD1	9.2400e-004	8.5100e-004
tblVehicleEF	LHD1	2.5390e-003	2.4690e-003
tblVehicleEF	LHD1	0.01	9.3750e-003
tblVehicleEF	LHD1	8.8100e-004	2.3900e-004
tblVehicleEF	LHD1	7.3080e-003	5.4780e-003
tblVehicleEF	LHD1	0.13	0.10
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	4.1220e-003	3.0450e-003
tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	0.36	0.56
tblVehicleEF	LHD1	0.25	0.08
tblVehicleEF	LHD1	9.2000e-005	9.0000e-005
tblVehicleEF	LHD1	5.9770e-003	6.3570e-003
tblVehicleEF	LHD1	3.5000e-004	1.1000e-004
tblVehicleEF	LHD1	7.3080e-003	5.4780e-003
tblVehicleEF	LHD1	0.13	0.10
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	4.1220e-003	3.0450e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.36	0.56
tblVehicleEF	LHD1	0.28	0.08
tblVehicleEF	LHD1	5.2170e-003	5.0870e-003

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tblVehicleEF	LHD1	0.01	6.1100e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	1.07	0.75
tblVehicleEF	LHD1	2.55	1.02
tblVehicleEF	LHD1	9.23	9.25
tblVehicleEF	LHD1	609.20	652.45
tblVehicleEF	LHD1	30.40	11.20
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	2.08	1.23
tblVehicleEF	LHD1	0.97	0.31
tblVehicleEF	LHD1	9.6500e-004	8.9000e-004
tblVehicleEF	LHD1	0.01	9.8770e-003
tblVehicleEF	LHD1	0.01	9.8260e-003
tblVehicleEF	LHD1	9.5800e-004	2.6000e-004
tblVehicleEF	LHD1	9.2400e-004	8.5100e-004
tblVehicleEF	LHD1	2.5390e-003	2.4690e-003
tblVehicleEF	LHD1	0.01	9.3750e-003
tblVehicleEF	LHD1	8.8100e-004	2.3900e-004
tblVehicleEF	LHD1	4.0430e-003	3.1520e-003
tblVehicleEF	LHD1	0.13	0.10
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.7940e-003	1.6100e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.38	0.60
tblVehicleEF	LHD1	0.26	0.08
tblVehicleEF	LHD1	9.2000e-005	9.0000e-005

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tblVehicleEF	LHD1	5.9760e-003	6.3570e-003
tblVehicleEF	LHD1	3.5200e-004	1.1100e-004
tblVehicleEF	LHD1	4.0430e-003	3.1520e-003
tblVehicleEF	LHD1	0.13	0.10
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.7940e-003	1.6100e-003
tblVehicleEF	LHD1	0.10	0.08
tblVehicleEF	LHD1	0.38	0.60
tblVehicleEF	LHD1	0.29	0.09
tblVehicleEF	LHD2	3.5950e-003	3.6950e-003
tblVehicleEF	LHD2	4.6110e-003	4.1040e-003
tblVehicleEF	LHD2	8.1370e-003	0.01
tblVehicleEF	LHD2	0.12	0.15
tblVehicleEF	LHD2	0.50	0.50
tblVehicleEF	LHD2	1.20	0.67
tblVehicleEF	LHD2	14.27	14.14
tblVehicleEF	LHD2	608.52	665.25
tblVehicleEF	LHD2	24.46	8.76
tblVehicleEF	LHD2	0.11	0.10
tblVehicleEF	LHD2	1.49	1.36
tblVehicleEF	LHD2	0.53	0.22
tblVehicleEF	LHD2	1.2830e-003	1.3100e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.0000e-004	1.3700e-004
tblVehicleEF	LHD2	1.2280e-003	1.2540e-003
tblVehicleEF	LHD2	2.6860e-003	2.6560e-003

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tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.6800e-004	1.2600e-004
tblVehicleEF	LHD2	1.3070e-003	1.7040e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	7.0300e-004	9.2000e-004
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.09	0.32
tblVehicleEF	LHD2	0.11	0.05
tblVehicleEF	LHD2	1.3900e-004	1.3500e-004
tblVehicleEF	LHD2	5.9200e-003	6.4300e-003
tblVehicleEF	LHD2	2.6700e-004	8.7000e-005
tblVehicleEF	LHD2	1.3070e-003	1.7040e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.0300e-004	9.2000e-004
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.09	0.32
tblVehicleEF	LHD2	0.12	0.06
tblVehicleEF	LHD2	3.5950e-003	3.7050e-003
tblVehicleEF	LHD2	4.6760e-003	4.1460e-003
tblVehicleEF	LHD2	7.7630e-003	0.01
tblVehicleEF	LHD2	0.12	0.15
tblVehicleEF	LHD2	0.50	0.50
tblVehicleEF	LHD2	1.13	0.64
tblVehicleEF	LHD2	14.27	14.14
tblVehicleEF	LHD2	608.52	665.25

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tblVehicleEF	LHD2	24.46	8.70
tblVehicleEF	LHD2	0.11	0.10
tblVehicleEF	LHD2	1.40	1.28
tblVehicleEF	LHD2	0.50	0.21
tblVehicleEF	LHD2	1.2830e-003	1.3100e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.0000e-004	1.3700e-004
tblVehicleEF	LHD2	1.2280e-003	1.2540e-003
tblVehicleEF	LHD2	2.6860e-003	2.6560e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.6800e-004	1.2600e-004
tblVehicleEF	LHD2	2.5220e-003	3.0730e-003
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.5220e-003	1.7630e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.09	0.32
tblVehicleEF	LHD2	0.10	0.05
tblVehicleEF	LHD2	1.3900e-004	1.3500e-004
tblVehicleEF	LHD2	5.9200e-003	6.4300e-003
tblVehicleEF	LHD2	2.6500e-004	8.6000e-005
tblVehicleEF	LHD2	2.5220e-003	3.0730e-003
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.5220e-003	1.7630e-003
tblVehicleEF	LHD2	0.07	0.07

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tblVehicleEF	LHD2	0.09	0.32
tblVehicleEF	LHD2	0.11	0.05
tblVehicleEF	LHD2	3.5950e-003	3.6960e-003
tblVehicleEF	LHD2	4.6180e-003	4.1080e-003
tblVehicleEF	LHD2	8.0640e-003	0.01
tblVehicleEF	LHD2	0.12	0.15
tblVehicleEF	LHD2	0.50	0.50
tblVehicleEF	LHD2	1.19	0.67
tblVehicleEF	LHD2	14.27	14.14
tblVehicleEF	LHD2	608.52	665.25
tblVehicleEF	LHD2	24.46	8.75
tblVehicleEF	LHD2	0.11	0.10
tblVehicleEF	LHD2	1.46	1.33
tblVehicleEF	LHD2	0.52	0.22
tblVehicleEF	LHD2	1.2830e-003	1.3100e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.0000e-004	1.3700e-004
tblVehicleEF	LHD2	1.2280e-003	1.2540e-003
tblVehicleEF	LHD2	2.6860e-003	2.6560e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.6800e-004	1.2600e-004
tblVehicleEF	LHD2	1.3460e-003	1.7140e-003
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	6.8700e-004	9.2200e-004
tblVehicleEF	LHD2	0.06	0.06

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tblVehicleEF	LHD2	0.10	0.34
tblVehicleEF	LHD2	0.11	0.05
tblVehicleEF	LHD2	1.3900e-004	1.3500e-004
tblVehicleEF	LHD2	5.9200e-003	6.4300e-003
tblVehicleEF	LHD2	2.6600e-004	8.7000e-005
tblVehicleEF	LHD2	1.3460e-003	1.7140e-003
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.8700e-004	9.2200e-004
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.10	0.34
tblVehicleEF	LHD2	0.12	0.06
tblVehicleEF	MCY	0.43	0.34
tblVehicleEF	MCY	0.16	0.24
tblVehicleEF	MCY	20.55	19.26
tblVehicleEF	MCY	9.93	8.60
tblVehicleEF	MCY	167.73	212.03
tblVehicleEF	MCY	46.45	60.73
tblVehicleEF	MCY	1.16	1.13
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	1.8610e-003	1.9650e-003
tblVehicleEF	MCY	3.6730e-003	2.9600e-003
tblVehicleEF	MCY	1.7420e-003	1.8380e-003
tblVehicleEF	MCY	3.4650e-003	2.7870e-003
tblVehicleEF	MCY	1.45	1.42
tblVehicleEF	MCY	0.84	0.80
tblVehicleEF	MCY	0.80	0.78

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tblVehicleEF	MCY	2.23	2.33
tblVehicleEF	MCY	0.49	1.91
tblVehicleEF	MCY	2.16	1.84
tblVehicleEF	MCY	2.0770e-003	2.0980e-003
tblVehicleEF	MCY	6.9000e-004	6.0100e-004
tblVehicleEF	MCY	1.45	1.42
tblVehicleEF	MCY	0.84	0.80
tblVehicleEF	MCY	0.80	0.78
tblVehicleEF	MCY	2.74	2.87
tblVehicleEF	MCY	0.49	1.91
tblVehicleEF	MCY	2.35	2.01
tblVehicleEF	MCY	0.42	0.34
tblVehicleEF	MCY	0.14	0.21
tblVehicleEF	MCY	20.68	19.28
tblVehicleEF	MCY	9.05	7.90
tblVehicleEF	MCY	167.73	211.90
tblVehicleEF	MCY	46.45	58.88
tblVehicleEF	MCY	0.99	0.97
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	1.8610e-003	1.9650e-003
tblVehicleEF	MCY	3.6730e-003	2.9600e-003
tblVehicleEF	MCY	1.7420e-003	1.8380e-003
tblVehicleEF	MCY	3.4650e-003	2.7870e-003
tblVehicleEF	MCY	3.14	2.77
tblVehicleEF	MCY	1.27	1.11
tblVehicleEF	MCY	2.13	1.77
tblVehicleEF	MCY	2.17	2.28

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tblVehicleEF	MCY	0.49	1.88
tblVehicleEF	MCY	1.86	1.62
tblVehicleEF	MCY	2.0770e-003	2.0970e-003
tblVehicleEF	MCY	6.6700e-004	5.8300e-004
tblVehicleEF	MCY	3.14	2.77
tblVehicleEF	MCY	1.27	1.11
tblVehicleEF	MCY	2.13	1.77
tblVehicleEF	MCY	2.67	2.81
tblVehicleEF	MCY	0.49	1.88
tblVehicleEF	MCY	2.02	1.76
tblVehicleEF	MCY	0.42	0.34
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	19.63	18.76
tblVehicleEF	MCY	9.55	8.44
tblVehicleEF	MCY	167.73	211.17
tblVehicleEF	MCY	46.45	60.38
tblVehicleEF	MCY	1.12	1.09
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	1.8610e-003	1.9650e-003
tblVehicleEF	MCY	3.6730e-003	2.9600e-003
tblVehicleEF	MCY	1.7420e-003	1.8380e-003
tblVehicleEF	MCY	3.4650e-003	2.7870e-003
tblVehicleEF	MCY	1.71	1.57
tblVehicleEF	MCY	1.13	1.06
tblVehicleEF	MCY	0.72	0.74
tblVehicleEF	MCY	2.19	2.31
tblVehicleEF	MCY	0.56	2.18

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tblVehicleEF	MCY	2.08	1.81
tblVehicleEF	MCY	2.0610e-003	2.0900e-003
tblVehicleEF	MCY	6.8200e-004	5.9800e-004
tblVehicleEF	MCY	1.71	1.57
tblVehicleEF	MCY	1.13	1.06
tblVehicleEF	MCY	0.72	0.74
tblVehicleEF	MCY	2.69	2.84
tblVehicleEF	MCY	0.56	2.18
tblVehicleEF	MCY	2.27	1.98
tblVehicleEF	MDV	0.01	5.5200e-003
tblVehicleEF	MDV	0.02	0.09
tblVehicleEF	MDV	1.35	1.14
tblVehicleEF	MDV	3.25	3.25
tblVehicleEF	MDV	483.94	415.10
tblVehicleEF	MDV	107.92	87.32
tblVehicleEF	MDV	0.17	0.11
tblVehicleEF	MDV	0.32	0.38
tblVehicleEF	MDV	1.8260e-003	1.6850e-003
tblVehicleEF	MDV	2.5170e-003	2.0310e-003
tblVehicleEF	MDV	1.6830e-003	1.5540e-003
tblVehicleEF	MDV	2.3150e-003	1.8680e-003
tblVehicleEF	MDV	0.10	0.11
tblVehicleEF	MDV	0.20	0.17
tblVehicleEF	MDV	0.08	0.10
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.50
tblVehicleEF	MDV	0.25	0.44

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tblVehicleEF	MDV	4.8500e-003	4.0780e-003
tblVehicleEF	MDV	1.1370e-003	8.5900e-004
tblVehicleEF	MDV	0.10	0.11
tblVehicleEF	MDV	0.20	0.17
tblVehicleEF	MDV	0.08	0.10
tblVehicleEF	MDV	0.05	0.03
tblVehicleEF	MDV	0.11	0.50
tblVehicleEF	MDV	0.28	0.48
tblVehicleEF	MDV	0.01	6.2110e-003
tblVehicleEF	MDV	0.02	0.08
tblVehicleEF	MDV	1.64	1.35
tblVehicleEF	MDV	2.69	2.72
tblVehicleEF	MDV	526.85	438.45
tblVehicleEF	MDV	107.92	86.27
tblVehicleEF	MDV	0.16	0.10
tblVehicleEF	MDV	0.30	0.35
tblVehicleEF	MDV	1.8260e-003	1.6850e-003
tblVehicleEF	MDV	2.5170e-003	2.0310e-003
tblVehicleEF	MDV	1.6830e-003	1.5540e-003
tblVehicleEF	MDV	2.3150e-003	1.8680e-003
tblVehicleEF	MDV	0.20	0.21
tblVehicleEF	MDV	0.23	0.19
tblVehicleEF	MDV	0.17	0.19
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.11	0.49
tblVehicleEF	MDV	0.21	0.38
tblVehicleEF	MDV	5.2830e-003	4.3080e-003

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tblVehicleEF	MDV	1.1260e-003	8.4800e-004
tblVehicleEF	MDV	0.20	0.21
tblVehicleEF	MDV	0.23	0.19
tblVehicleEF	MDV	0.17	0.19
tblVehicleEF	MDV	0.05	0.04
tblVehicleEF	MDV	0.11	0.49
tblVehicleEF	MDV	0.23	0.41
tblVehicleEF	MDV	0.01	5.4050e-003
tblVehicleEF	MDV	0.02	0.09
tblVehicleEF	MDV	1.28	1.09
tblVehicleEF	MDV	3.20	3.26
tblVehicleEF	MDV	473.93	410.75
tblVehicleEF	MDV	107.92	87.35
tblVehicleEF	MDV	0.16	0.10
tblVehicleEF	MDV	0.32	0.38
tblVehicleEF	MDV	1.8260e-003	1.6850e-003
tblVehicleEF	MDV	2.5170e-003	2.0310e-003
tblVehicleEF	MDV	1.6830e-003	1.5540e-003
tblVehicleEF	MDV	2.3150e-003	1.8680e-003
tblVehicleEF	MDV	0.10	0.11
tblVehicleEF	MDV	0.22	0.18
tblVehicleEF	MDV	0.08	0.10
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.13	0.57
tblVehicleEF	MDV	0.25	0.44
tblVehicleEF	MDV	4.7490e-003	4.0360e-003
tblVehicleEF	MDV	1.1360e-003	8.5900e-004

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tblVehicleEF	MDV	0.10	0.11
tblVehicleEF	MDV	0.22	0.18
tblVehicleEF	MDV	0.08	0.10
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.13	0.57
tblVehicleEF	MDV	0.27	0.48
tblVehicleEF	MH	0.04	3.6580e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	3.07	0.35
tblVehicleEF	MH	6.43	0.00
tblVehicleEF	MH	1,045.05	970.21
tblVehicleEF	MH	59.49	0.00
tblVehicleEF	MH	1.54	4.24
tblVehicleEF	MH	0.91	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.11
tblVehicleEF	MH	1.1740e-003	0.00
tblVehicleEF	MH	3.2230e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.11
tblVehicleEF	MH	1.0790e-003	0.00
tblVehicleEF	MH	1.47	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.51	0.00
tblVehicleEF	MH	0.10	0.08
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.37	0.00
tblVehicleEF	MH	0.01	9.1720e-003

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tblVehicleEF	MH	7.0700e-004	0.00
tblVehicleEF	MH	1.47	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.51	0.00
tblVehicleEF	MH	0.14	0.09
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.40	0.00
tblVehicleEF	MH	0.04	3.6580e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	3.19	0.35
tblVehicleEF	MH	5.84	0.00
tblVehicleEF	MH	1,045.05	970.21
tblVehicleEF	MH	59.49	0.00
tblVehicleEF	MH	1.41	4.00
tblVehicleEF	MH	0.86	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.11
tblVehicleEF	MH	1.1740e-003	0.00
tblVehicleEF	MH	3.2230e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.11
tblVehicleEF	MH	1.0790e-003	0.00
tblVehicleEF	MH	2.91	0.00
tblVehicleEF	MH	0.11	0.00
tblVehicleEF	MH	1.21	0.00
tblVehicleEF	MH	0.11	0.08
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.34	0.00

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tblVehicleEF	MH	0.01	9.1720e-003
tblVehicleEF	MH	6.9700e-004	0.00
tblVehicleEF	MH	2.91	0.00
tblVehicleEF	MH	0.11	0.00
tblVehicleEF	MH	1.21	0.00
tblVehicleEF	MH	0.15	0.09
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.04	3.6580e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	3.08	0.35
tblVehicleEF	MH	6.36	0.00
tblVehicleEF	MH	1,045.05	970.21
tblVehicleEF	MH	59.49	0.00
tblVehicleEF	MH	1.51	4.17
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.11
tblVehicleEF	MH	1.1740e-003	0.00
tblVehicleEF	MH	3.2230e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.11
tblVehicleEF	MH	1.0790e-003	0.00
tblVehicleEF	MH	1.75	0.00
tblVehicleEF	MH	0.11	0.00
tblVehicleEF	MH	0.53	0.00
tblVehicleEF	MH	0.10	0.08
tblVehicleEF	MH	0.03	0.00

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tblVehicleEF	MH	0.37	0.00
tblVehicleEF	MH	0.01	9.1720e-003
tblVehicleEF	MH	7.0600e-004	0.00
tblVehicleEF	MH	1.75	0.00
tblVehicleEF	MH	0.11	0.00
tblVehicleEF	MH	0.53	0.00
tblVehicleEF	MH	0.15	0.09
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.40	0.00
tblVehicleEF	MHD	0.02	2.5070e-003
tblVehicleEF	MHD	3.5160e-003	3.3210e-003
tblVehicleEF	MHD	0.05	6.4670e-003
tblVehicleEF	MHD	0.32	0.31
tblVehicleEF	MHD	0.27	0.32
tblVehicleEF	MHD	5.32	0.74
tblVehicleEF	MHD	156.91	68.92
tblVehicleEF	MHD	1,101.52	974.57
tblVehicleEF	MHD	52.43	6.35
tblVehicleEF	MHD	0.60	0.52
tblVehicleEF	MHD	0.99	1.61
tblVehicleEF	MHD	11.88	1.50
tblVehicleEF	MHD	3.8600e-004	1.2310e-003
tblVehicleEF	MHD	5.0030e-003	0.04
tblVehicleEF	MHD	7.6400e-004	7.5000e-005
tblVehicleEF	MHD	3.6900e-004	1.1780e-003
tblVehicleEF	MHD	4.7830e-003	0.03
tblVehicleEF	MHD	7.0300e-004	6.9000e-005

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tblVehicleEF	MHD	1.2800e-003	4.5300e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	6.5100e-004	2.4000e-004
tblVehicleEF	MHD	0.04	0.06
tblVehicleEF	MHD	0.02	0.08
tblVehicleEF	MHD	0.32	0.03
tblVehicleEF	MHD	1.5080e-003	6.5300e-004
tblVehicleEF	MHD	0.01	9.2620e-003
tblVehicleEF	MHD	6.1700e-004	6.3000e-005
tblVehicleEF	MHD	1.2800e-003	4.5300e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	6.5100e-004	2.4000e-004
tblVehicleEF	MHD	0.04	0.07
tblVehicleEF	MHD	0.02	0.08
tblVehicleEF	MHD	0.35	0.04
tblVehicleEF	MHD	0.02	2.3860e-003
tblVehicleEF	MHD	3.5800e-003	3.3450e-003
tblVehicleEF	MHD	0.05	6.2100e-003
tblVehicleEF	MHD	0.24	0.26
tblVehicleEF	MHD	0.28	0.33
tblVehicleEF	MHD	4.97	0.70
tblVehicleEF	MHD	166.20	69.59
tblVehicleEF	MHD	1,101.52	974.58
tblVehicleEF	MHD	52.43	6.28
tblVehicleEF	MHD	0.62	0.52

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tblVehicleEF	MHD	0.92	1.52
tblVehicleEF	MHD	11.85	1.49
tblVehicleEF	MHD	3.2500e-004	1.0410e-003
tblVehicleEF	MHD	5.0030e-003	0.04
tblVehicleEF	MHD	7.6400e-004	7.5000e-005
tblVehicleEF	MHD	3.1100e-004	9.9600e-004
tblVehicleEF	MHD	4.7830e-003	0.03
tblVehicleEF	MHD	7.0300e-004	6.9000e-005
tblVehicleEF	MHD	2.5300e-003	8.2800e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.5010e-003	4.7800e-004
tblVehicleEF	MHD	0.04	0.06
tblVehicleEF	MHD	0.02	0.08
tblVehicleEF	MHD	0.30	0.03
tblVehicleEF	MHD	1.5950e-003	6.5900e-004
tblVehicleEF	MHD	0.01	9.2620e-003
tblVehicleEF	MHD	6.1100e-004	6.2000e-005
tblVehicleEF	MHD	2.5300e-003	8.2800e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	1.5010e-003	4.7800e-004
tblVehicleEF	MHD	0.04	0.07
tblVehicleEF	MHD	0.02	0.08
tblVehicleEF	MHD	0.33	0.04
tblVehicleEF	MHD	0.02	2.6830e-003
tblVehicleEF	MHD	3.5220e-003	3.3210e-003

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tblVehicleEF	MHD	0.05	6.4200e-003
tblVehicleEF	MHD	0.45	0.37
tblVehicleEF	MHD	0.27	0.32
tblVehicleEF	MHD	5.23	0.74
tblVehicleEF	MHD	144.06	68.00
tblVehicleEF	MHD	1,101.52	974.57
tblVehicleEF	MHD	52.43	6.34
tblVehicleEF	MHD	0.57	0.52
tblVehicleEF	MHD	0.97	1.59
tblVehicleEF	MHD	11.87	1.50
tblVehicleEF	MHD	4.7000e-004	1.4940e-003
tblVehicleEF	MHD	5.0030e-003	0.04
tblVehicleEF	MHD	7.6400e-004	7.5000e-005
tblVehicleEF	MHD	4.4900e-004	1.4300e-003
tblVehicleEF	MHD	4.7830e-003	0.03
tblVehicleEF	MHD	7.0300e-004	6.9000e-005
tblVehicleEF	MHD	1.3890e-003	4.7100e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	6.4000e-004	2.4400e-004
tblVehicleEF	MHD	0.04	0.06
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.32	0.03
tblVehicleEF	MHD	1.3860e-003	6.4400e-004
tblVehicleEF	MHD	0.01	9.2620e-003
tblVehicleEF	MHD	6.1600e-004	6.3000e-005
tblVehicleEF	MHD	1.3890e-003	4.7100e-004

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tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	6.4000e-004	2.4400e-004
tblVehicleEF	MHD	0.04	0.07
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.35	0.04
tblVehicleEF	OBUS	0.01	8.8190e-003
tblVehicleEF	OBUS	9.9110e-003	6.5960e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.26	0.52
tblVehicleEF	OBUS	0.63	0.77
tblVehicleEF	OBUS	6.27	2.45
tblVehicleEF	OBUS	70.35	76.06
tblVehicleEF	OBUS	1,121.50	1,406.90
tblVehicleEF	OBUS	70.70	20.49
tblVehicleEF	OBUS	0.28	0.34
tblVehicleEF	OBUS	0.97	1.24
tblVehicleEF	OBUS	1.93	0.68
tblVehicleEF	OBUS	6.4000e-005	5.8900e-004
tblVehicleEF	OBUS	4.6440e-003	0.01
tblVehicleEF	OBUS	9.2900e-004	2.1800e-004
tblVehicleEF	OBUS	6.1000e-005	5.6400e-004
tblVehicleEF	OBUS	4.4220e-003	0.01
tblVehicleEF	OBUS	8.5400e-004	2.0100e-004
tblVehicleEF	OBUS	2.1800e-003	2.6020e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.05

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tblVehicleEF	OBUS	9.3100e-004	1.1160e-003
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	0.05	0.29
tblVehicleEF	OBUS	0.38	0.12
tblVehicleEF	OBUS	6.8400e-004	7.2500e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.1700e-004	2.0300e-004
tblVehicleEF	OBUS	2.1800e-003	2.6020e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	9.3100e-004	1.1160e-003
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	0.05	0.29
tblVehicleEF	OBUS	0.42	0.13
tblVehicleEF	OBUS	0.01	8.8750e-003
tblVehicleEF	OBUS	0.01	6.7350e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.26	0.51
tblVehicleEF	OBUS	0.65	0.79
tblVehicleEF	OBUS	5.74	2.28
tblVehicleEF	OBUS	73.50	75.90
tblVehicleEF	OBUS	1,121.50	1,406.93
tblVehicleEF	OBUS	70.70	20.20
tblVehicleEF	OBUS	0.29	0.34
tblVehicleEF	OBUS	0.90	1.16
tblVehicleEF	OBUS	1.88	0.67
tblVehicleEF	OBUS	5.4000e-005	5.0100e-004

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tblVehicleEF	OBUS	4.6440e-003	0.01
tblVehicleEF	OBUS	9.2900e-004	2.1800e-004
tblVehicleEF	OBUS	5.1000e-005	4.7900e-004
tblVehicleEF	OBUS	4.4220e-003	0.01
tblVehicleEF	OBUS	8.5400e-004	2.0100e-004
tblVehicleEF	OBUS	4.2350e-003	4.6860e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	2.1330e-003	2.2090e-003
tblVehicleEF	OBUS	0.05	0.05
tblVehicleEF	OBUS	0.05	0.29
tblVehicleEF	OBUS	0.36	0.11
tblVehicleEF	OBUS	7.1400e-004	7.2400e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.0800e-004	2.0000e-004
tblVehicleEF	OBUS	4.2350e-003	4.6860e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	2.1330e-003	2.2090e-003
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	0.05	0.29
tblVehicleEF	OBUS	0.40	0.12
tblVehicleEF	OBUS	0.01	8.7740e-003
tblVehicleEF	OBUS	9.9380e-003	6.6000e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.28	0.53
tblVehicleEF	OBUS	0.63	0.77

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tblVehicleEF	OBUS	6.22	2.45
tblVehicleEF	OBUS	66.00	76.30
tblVehicleEF	OBUS	1,121.50	1,406.90
tblVehicleEF	OBUS	70.70	20.50
tblVehicleEF	OBUS	0.27	0.35
tblVehicleEF	OBUS	0.96	1.22
tblVehicleEF	OBUS	1.91	0.68
tblVehicleEF	OBUS	7.7000e-005	7.1200e-004
tblVehicleEF	OBUS	4.6440e-003	0.01
tblVehicleEF	OBUS	9.2900e-004	2.1800e-004
tblVehicleEF	OBUS	7.4000e-005	6.8100e-004
tblVehicleEF	OBUS	4.4220e-003	0.01
tblVehicleEF	OBUS	8.5400e-004	2.0100e-004
tblVehicleEF	OBUS	2.3200e-003	2.7390e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	9.4100e-004	1.1650e-003
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	0.05	0.30
tblVehicleEF	OBUS	0.38	0.12
tblVehicleEF	OBUS	6.4200e-004	7.2700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.1600e-004	2.0300e-004
tblVehicleEF	OBUS	2.3200e-003	2.7390e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	9.4100e-004	1.1650e-003

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tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	0.05	0.30
tblVehicleEF	OBUS	0.42	0.13
tblVehicleEF	SBUS	0.84	0.06
tblVehicleEF	SBUS	0.01	8.5840e-003
tblVehicleEF	SBUS	0.07	6.1570e-003
tblVehicleEF	SBUS	5.71	2.50
tblVehicleEF	SBUS	0.65	0.78
tblVehicleEF	SBUS	5.33	0.82
tblVehicleEF	SBUS	1,258.13	345.06
tblVehicleEF	SBUS	1,136.31	1,112.17
tblVehicleEF	SBUS	37.11	4.79
tblVehicleEF	SBUS	11.70	3.29
tblVehicleEF	SBUS	4.77	5.20
tblVehicleEF	SBUS	15.02	0.91
tblVehicleEF	SBUS	0.01	4.3580e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	5.1700e-004	4.0000e-005
tblVehicleEF	SBUS	0.01	4.1690e-003
tblVehicleEF	SBUS	2.7560e-003	2.7010e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	4.7500e-004	3.6000e-005
tblVehicleEF	SBUS	2.9260e-003	1.2420e-003
tblVehicleEF	SBUS	0.02	9.5120e-003
tblVehicleEF	SBUS	0.68	0.28
tblVehicleEF	SBUS	1.3050e-003	5.9000e-004

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tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	9.3510e-003	0.06
tblVehicleEF	SBUS	0.27	0.04
tblVehicleEF	SBUS	0.01	3.2890e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	4.6300e-004	4.7000e-005
tblVehicleEF	SBUS	2.9260e-003	1.2420e-003
tblVehicleEF	SBUS	0.02	9.5120e-003
tblVehicleEF	SBUS	0.97	0.40
tblVehicleEF	SBUS	1.3050e-003	5.9000e-004
tblVehicleEF	SBUS	0.13	0.13
tblVehicleEF	SBUS	9.3510e-003	0.06
tblVehicleEF	SBUS	0.30	0.04
tblVehicleEF	SBUS	0.84	0.06
tblVehicleEF	SBUS	0.01	8.7140e-003
tblVehicleEF	SBUS	0.06	5.1550e-003
tblVehicleEF	SBUS	5.56	2.47
tblVehicleEF	SBUS	0.66	0.80
tblVehicleEF	SBUS	3.65	0.60
tblVehicleEF	SBUS	1,322.00	352.98
tblVehicleEF	SBUS	1,136.31	1,112.20
tblVehicleEF	SBUS	37.11	4.41
tblVehicleEF	SBUS	12.08	3.36
tblVehicleEF	SBUS	4.47	4.88
tblVehicleEF	SBUS	14.99	0.90
tblVehicleEF	SBUS	0.01	3.6810e-003
tblVehicleEF	SBUS	0.01	0.01

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tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	5.1700e-004	4.0000e-005
tblVehicleEF	SBUS	9.6490e-003	3.5220e-003
tblVehicleEF	SBUS	2.7560e-003	2.7010e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	4.7500e-004	3.6000e-005
tblVehicleEF	SBUS	5.6170e-003	2.2080e-003
tblVehicleEF	SBUS	0.02	9.9850e-003
tblVehicleEF	SBUS	0.67	0.28
tblVehicleEF	SBUS	2.8800e-003	1.1130e-003
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	8.5310e-003	0.06
tblVehicleEF	SBUS	0.22	0.03
tblVehicleEF	SBUS	0.01	3.3630e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	4.3500e-004	4.4000e-005
tblVehicleEF	SBUS	5.6170e-003	2.2080e-003
tblVehicleEF	SBUS	0.02	9.9850e-003
tblVehicleEF	SBUS	0.97	0.40
tblVehicleEF	SBUS	2.8800e-003	1.1130e-003
tblVehicleEF	SBUS	0.13	0.13
tblVehicleEF	SBUS	8.5310e-003	0.06
tblVehicleEF	SBUS	0.24	0.03
tblVehicleEF	SBUS	0.84	0.06
tblVehicleEF	SBUS	0.01	8.5760e-003
tblVehicleEF	SBUS	0.07	6.3440e-003
tblVehicleEF	SBUS	5.91	2.56

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tblVehicleEF	SBUS	0.65	0.78
tblVehicleEF	SBUS	5.37	0.86
tblVehicleEF	SBUS	1,169.92	334.13
tblVehicleEF	SBUS	1,136.31	1,112.17
tblVehicleEF	SBUS	37.11	4.85
tblVehicleEF	SBUS	11.19	3.19
tblVehicleEF	SBUS	4.69	5.12
tblVehicleEF	SBUS	15.02	0.91
tblVehicleEF	SBUS	0.01	5.2920e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	5.1700e-004	4.0000e-005
tblVehicleEF	SBUS	0.01	5.0630e-003
tblVehicleEF	SBUS	2.7560e-003	2.7010e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	4.7500e-004	3.6000e-005
tblVehicleEF	SBUS	2.9580e-003	1.2070e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.68	0.28
tblVehicleEF	SBUS	1.2820e-003	6.0100e-004
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	0.01	0.08
tblVehicleEF	SBUS	0.28	0.04
tblVehicleEF	SBUS	0.01	3.1850e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	4.6400e-004	4.8000e-005
tblVehicleEF	SBUS	2.9580e-003	1.2070e-003

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tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.98	0.40
tblVehicleEF	SBUS	1.2820e-003	6.0100e-004
tblVehicleEF	SBUS	0.13	0.13
tblVehicleEF	SBUS	0.01	0.08
tblVehicleEF	SBUS	0.31	0.04
tblVehicleEF	UBUS	1.83	4.45
tblVehicleEF	UBUS	0.08	0.01
tblVehicleEF	UBUS	9.26	34.75
tblVehicleEF	UBUS	14.34	0.89
tblVehicleEF	UBUS	1,846.39	1,692.13
tblVehicleEF	UBUS	136.37	11.77
tblVehicleEF	UBUS	5.87	0.38
tblVehicleEF	UBUS	13.57	0.14
tblVehicleEF	UBUS	0.52	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.07	2.6550e-003
tblVehicleEF	UBUS	1.4030e-003	1.4100e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	6.6220e-003
tblVehicleEF	UBUS	0.06	2.5280e-003
tblVehicleEF	UBUS	1.2900e-003	1.3000e-004
tblVehicleEF	UBUS	8.0860e-003	1.6780e-003
tblVehicleEF	UBUS	0.11	9.5390e-003
tblVehicleEF	UBUS	3.9450e-003	7.3700e-004
tblVehicleEF	UBUS	0.61	0.07
tblVehicleEF	UBUS	0.02	0.04

Bridge Point Rancho Cucamonga (Operations - Passenger Cars) - San Bernardino-South Coast County, Annual

tblVehicleEF	UBUS	1.15	0.04
tblVehicleEF	UBUS	0.01	3.0250e-003
tblVehicleEF	UBUS	1.6240e-003	1.1700e-004
tblVehicleEF	UBUS	8.0860e-003	1.6780e-003
tblVehicleEF	UBUS	0.11	9.5390e-003
tblVehicleEF	UBUS	3.9450e-003	7.3700e-004
tblVehicleEF	UBUS	2.50	4.54
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	1.25	0.04
tblVehicleEF	UBUS	1.83	4.45
tblVehicleEF	UBUS	0.08	9.2350e-003
tblVehicleEF	UBUS	9.36	34.75
tblVehicleEF	UBUS	11.74	0.76
tblVehicleEF	UBUS	1,846.39	1,692.13
tblVehicleEF	UBUS	136.37	11.55
tblVehicleEF	UBUS	5.45	0.38
tblVehicleEF	UBUS	13.45	0.13
tblVehicleEF	UBUS	0.52	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.07	2.6550e-003
tblVehicleEF	UBUS	1.4030e-003	1.4100e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	6.6220e-003
tblVehicleEF	UBUS	0.06	2.5280e-003
tblVehicleEF	UBUS	1.2900e-003	1.3000e-004
tblVehicleEF	UBUS	0.02	3.0610e-003
tblVehicleEF	UBUS	0.14	0.01

Bridge Point Rancho Cucamonga (Operations - Passenger Cars) - San Bernardino-South Coast County, Annual

tblVehicleEF	UBUS	9.3320e-003	1.4840e-003
tblVehicleEF	UBUS	0.62	0.07
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	1.02	0.03
tblVehicleEF	UBUS	0.01	3.0250e-003
tblVehicleEF	UBUS	1.5790e-003	1.1400e-004
tblVehicleEF	UBUS	0.02	3.0610e-003
tblVehicleEF	UBUS	0.14	0.01
tblVehicleEF	UBUS	9.3320e-003	1.4840e-003
tblVehicleEF	UBUS	2.52	4.54
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	1.12	0.04
tblVehicleEF	UBUS	1.83	4.45
tblVehicleEF	UBUS	0.08	0.01
tblVehicleEF	UBUS	9.27	34.75
tblVehicleEF	UBUS	13.86	0.90
tblVehicleEF	UBUS	1,846.39	1,692.13
tblVehicleEF	UBUS	136.37	11.80
tblVehicleEF	UBUS	5.76	0.38
tblVehicleEF	UBUS	13.55	0.14
tblVehicleEF	UBUS	0.52	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.07	2.6550e-003
tblVehicleEF	UBUS	1.4030e-003	1.4100e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	6.6220e-003
tblVehicleEF	UBUS	0.06	2.5280e-003

Bridge Point Rancho Cucamonga (Operations - Passenger Cars) - San Bernardino-South Coast County, Annual

tblVehicleEF	UBUS	1.2900e-003	1.3000e-004
tblVehicleEF	UBUS	9.2250e-003	1.6870e-003
tblVehicleEF	UBUS	0.14	0.01
tblVehicleEF	UBUS	4.1190e-003	7.4500e-004
tblVehicleEF	UBUS	0.61	0.07
tblVehicleEF	UBUS	0.03	0.05
tblVehicleEF	UBUS	1.13	0.04
tblVehicleEF	UBUS	0.01	3.0250e-003
tblVehicleEF	UBUS	1.6160e-003	1.1700e-004
tblVehicleEF	UBUS	9.2250e-003	1.6870e-003
tblVehicleEF	UBUS	0.14	0.01
tblVehicleEF	UBUS	4.1190e-003	7.4500e-004
tblVehicleEF	UBUS	2.50	4.54
tblVehicleEF	UBUS	0.03	0.05
tblVehicleEF	UBUS	1.24	0.04
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CW_TTP	59.00	100.00
tblVehicleTrips	CW_TTP	59.00	100.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	92.00	100.00
tblVehicleTrips	PR_TP	92.00	100.00
tblVehicleTrips	ST_TR	1.68	1.38
tblVehicleTrips	ST_TR	1.68	1.62

Bridge Point Rancho Cucamonga (Operations - Passenger Cars) - San Bernardino-South Coast County, Annual

tblVehicleTrips	SU_TR	1.68	1.38
tblVehicleTrips	SU_TR	1.68	1.62
tblVehicleTrips	WD_TR	1.68	1.38
tblVehicleTrips	WD_TR	1.68	1.62
tblWater	IndoorWaterUseRate	50,296,875.00	0.00
tblWater	IndoorWaterUseRate	452,671,875.00	5,398,350.00

2.0 Emissions Summary

Bridge Point Rancho Cucamonga (Operations - Passenger Cars) - San Bernardino-South Coast County, Annual

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2022	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2022	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Bridge Point Rancho Cucamonga (Operations - Passenger Cars) - San Bernardino-South Coast County, Annual

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
		Highest		

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	8.9923	4.6000e-004	0.0506	0.0000		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	0.0982	0.0982	2.6000e-004	0.0000	0.1046
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4,011.2634	4,011.2634	0.1656	0.0343	4,025.6138
Mobile	1.5450	1.7178	22.5886	0.0692	7.8155	0.0395	7.8550	2.0748	0.0363	2.1111	0.0000	6,388.4459	6,388.4459	0.1499	0.0000	6,392.1936
Offroad	0.0415	0.3850	0.4211	5.6000e-004		0.0255	0.0255		0.0235	0.0235	0.0000	49.0163	49.0163	0.0159	0.0000	49.4127
Waste						0.0000	0.0000		0.0000	0.0000	415.0150	0.0000	415.0150	24.5267	0.0000	1,028.1822
Water						0.0000	0.0000		0.0000	0.0000	1.7127	22.3965	24.1092	0.1768	4.3400e-003	29.8247
Total	10.5788	2.1033	23.0602	0.0698	7.8155	0.0652	7.8807	2.0748	0.0600	2.1348	416.7277	10,471.2203	10,887.9480	25.0351	0.0386	11,525.3315

Bridge Point Rancho Cucamonga (Operations - Passenger Cars) - San Bernardino-South Coast County, Annual

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	8.9923	4.6000e-004	0.0506	0.0000		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	0.0982	0.0982	2.6000e-004	0.0000	0.1046
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4,011.2634	4,011.2634	0.1656	0.0343	4,025.6138
Mobile	1.5450	1.7178	22.5886	0.0692	7.8155	0.0395	7.8550	2.0748	0.0363	2.1111	0.0000	6,388.4459	6,388.4459	0.1499	0.0000	6,392.1936
Offroad	0.0415	0.3850	0.4211	5.6000e-004		0.0255	0.0255		0.0235	0.0235	0.0000	49.0163	49.0163	0.0159	0.0000	49.4127
Waste						0.0000	0.0000		0.0000	0.0000	415.0150	0.0000	415.0150	24.5267	0.0000	1,028.1822
Water						0.0000	0.0000		0.0000	0.0000	1.7127	22.3965	24.1092	0.1768	4.3400e-003	29.8247
Total	10.5788	2.1033	23.0602	0.0698	7.8155	0.0652	7.8807	2.0748	0.0600	2.1348	416.7277	10,471.2203	10,887.9480	25.0351	0.0386	11,525.3315

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	10/5/2021	2/21/2022	5	100	

Bridge Point Rancho Cucamonga (Operations - Passenger Cars) - San Bernardino-South Coast County, Annual

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 35.12

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Bridge Point Rancho Cucamonga (Operations - Passenger Cars) - San Bernardino-South Coast County, Annual

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Bridge Point Rancho Cucamonga (Operations - Passenger Cars) - San Bernardino-South Coast County, Annual

3.2 Demolition - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Bridge Point Rancho Cucamonga (Operations - Passenger Cars) - San Bernardino-South Coast County, Annual

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Bridge Point Rancho Cucamonga (Operations - Passenger Cars) - San Bernardino-South Coast County, Annual

3.2 Demolition - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

Bridge Point Rancho Cucamonga (Operations - Passenger Cars) - San Bernardino-South Coast County, Annual

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.5450	1.7178	22.5886	0.0692	7.8155	0.0395	7.8550	2.0748	0.0363	2.1111	0.0000	6,388.4459	6,388.4459	0.1499	0.0000	6,392.1936
Unmitigated	1.5450	1.7178	22.5886	0.0692	7.8155	0.0395	7.8550	2.0748	0.0363	2.1111	0.0000	6,388.4459	6,388.4459	0.1499	0.0000	6,392.1936

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Refrigerated Warehouse-No Rail	300.15	300.15	300.15	1,813,626	1,813,626
Unrefrigerated Warehouse-No Rail	3,171.15	3,171.15	3,171.15	19,161,357	19,161,357
Total	3,471.30	3,471.30	3,471.30	20,974,983	20,974,983

4.3 Trip Type Information

Bridge Point Rancho Cucamonga (Operations - Passenger Cars) - San Bernardino-South Coast County, Annual

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Refrigerated Warehouse-No	16.60	8.40	6.90	100.00	0.00	0.00	100	0	0
Unrefrigerated Warehouse-No	16.60	8.40	6.90	100.00	0.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.553113	0.036408	0.180286	0.116335	0.016165	0.005101	0.018218	0.063797	0.001357	0.001565	0.005903	0.000808	0.000944
Other Non-Asphalt Surfaces	0.553113	0.036408	0.180286	0.116335	0.016165	0.005101	0.018218	0.063797	0.001357	0.001565	0.005903	0.000808	0.000944
Parking Lot	0.553113	0.036408	0.180286	0.116335	0.016165	0.005101	0.018218	0.063797	0.001357	0.001565	0.005903	0.000808	0.000944
Refrigerated Warehouse-No Rail	0.624200	0.041100	0.203500	0.131200	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Unrefrigerated Warehouse-No Rail	0.624200	0.041100	0.203500	0.131200	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Bridge Point Rancho Cucamonga (Operations - Passenger Cars) - San Bernardino-South Coast County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	4,011.2634	4,011.2634	0.1656	0.0343	4,025.6138
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	4,011.2634	4,011.2634	0.1656	0.0343	4,025.6138
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Bridge Point Rancho Cucamonga (Operations - Passenger Cars) - San Bernardino-South Coast County, Annual

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Land Use	kBTU/yr	tons/yr										MT/yr						
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Bridge Point Rancho Cucamonga (Operations - Passenger Cars) - San Bernardino-South Coast County, Annual

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Land Use	kBTU/yr	tons/yr										MT/yr						
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Bridge Point Rancho Cucamonga (Operations - Passenger Cars) - San Bernardino-South Coast County, Annual

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	405084	129.0685	5.3300e-003	1.1000e-003	129.5302
Refrigerated Warehouse-No Rail	8.4651e+006	2,697.1622	0.1114	0.0230	2,706.8114
Unrefrigerated Warehouse-No Rail	3.71925e+006	1,185.0327	0.0489	0.0101	1,189.2722
Total		4,011.2634	0.1656	0.0343	4,025.6138

Bridge Point Rancho Cucamonga (Operations - Passenger Cars) - San Bernardino-South Coast County, Annual

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	405084	129.0685	5.3300e-003	1.1000e-003	129.5302
Refrigerated Warehouse-No Rail	8.4651e+006	2,697.1622	0.1114	0.0230	2,706.8114
Unrefrigerated Warehouse-No Rail	3.71925e+006	1,185.0327	0.0489	0.0101	1,189.2722
Total		4,011.2634	0.1656	0.0343	4,025.6138

6.0 Area Detail

6.1 Mitigation Measures Area

Bridge Point Rancho Cucamonga (Operations - Passenger Cars) - San Bernardino-South Coast County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	8.9923	4.6000e-004	0.0506	0.0000		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	0.0982	0.0982	2.6000e-004	0.0000	0.1046
Unmitigated	8.9923	4.6000e-004	0.0506	0.0000		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	0.0982	0.0982	2.6000e-004	0.0000	0.1046

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	1.0294					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	7.9582					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	4.7000e-003	4.6000e-004	0.0506	0.0000		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	0.0982	0.0982	2.6000e-004	0.0000	0.1046
Total	8.9923	4.6000e-004	0.0506	0.0000		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	0.0982	0.0982	2.6000e-004	0.0000	0.1046

Bridge Point Rancho Cucamonga (Operations - Passenger Cars) - San Bernardino-South Coast County, Annual

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	1.0294					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	7.9582					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	4.7000e-003	4.6000e-004	0.0506	0.0000		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	0.0982	0.0982	2.6000e-004	0.0000	0.1046
Total	8.9923	4.6000e-004	0.0506	0.0000		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	0.0982	0.0982	2.6000e-004	0.0000	0.1046

7.0 Water Detail

7.1 Mitigation Measures Water

Bridge Point Rancho Cucamonga (Operations - Passenger Cars) - San Bernardino-South Coast County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	24.1092	0.1768	4.3400e-003	29.8247
Unmitigated	24.1092	0.1768	4.3400e-003	29.8247

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	5.39835 / 0	24.1092	0.1768	4.3400e-003	29.8247
Total		24.1092	0.1768	4.3400e-003	29.8247

Bridge Point Rancho Cucamonga (Operations - Passenger Cars) - San Bernardino-South Coast County, Annual

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	5.39835 / 0	24.1092	0.1768	4.3400e-003	29.8247
Total		24.1092	0.1768	4.3400e-003	29.8247

8.0 Waste Detail

8.1 Mitigation Measures Waste

Bridge Point Rancho Cucamonga (Operations - Passenger Cars) - San Bernardino-South Coast County, Annual

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	415.0150	24.5267	0.0000	1,028.182 2
Unmitigated	415.0150	24.5267	0.0000	1,028.182 2

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	204.45	41.5015	2.4527	0.0000	102.8182
Unrefrigerated Warehouse-No Rail	1840.05	373.5135	22.0740	0.0000	925.3639
Total		415.0150	24.5267	0.0000	1,028.182 2

Bridge Point Rancho Cucamonga (Operations - Passenger Cars) - San Bernardino-South Coast County, Annual

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	204.45	41.5015	2.4527	0.0000	102.8182
Unrefrigerated Warehouse-No Rail	1840.05	373.5135	22.0740	0.0000	925.3639
Total		415.0150	24.5267	0.0000	1,028.1822

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
Forklifts	4	4.00	365	89	0.20	CNG

Bridge Point Rancho Cucamonga (Operations - Passenger Cars) - San Bernardino-South Coast County, Annual

UnMitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	tons/yr										MT/yr					
Forklifts	0.0415	0.3850	0.4211	5.6000e-004		0.0255	0.0255		0.0235	0.0235	0.0000	49.0163	49.0163	0.0159	0.0000	49.4127
Total	0.0415	0.3850	0.4211	5.6000e-004		0.0255	0.0255		0.0235	0.0235	0.0000	49.0163	49.0163	0.0159	0.0000	49.4127

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

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APPENDIX 4.3:

CALEEMOD PROJECT ANNUAL OPERATIONAL (TRUCKS) EMISSIONS MODEL OUTPUTS

Bridge Point Rancho Cucamonga (Operations - Trucks) - San Bernardino-South Coast County, Annual

Bridge Point Rancho Cucamonga (Operations - Trucks)
San Bernardino-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Refrigerated Warehouse-No Rail	217.50	1000sqft	4.99	217,500.00	0
Unrefrigerated Warehouse-No Rail	1,957.50	1000sqft	44.94	1,957,500.00	0
Other Asphalt Surfaces	1.54	1000sqft	0.04	1,540.00	0
Other Non-Asphalt Surfaces	370.60	1000sqft	8.51	370,600.00	0
Parking Lot	1,408.00	Space	26.57	1,157,383.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	32
Climate Zone	10			Operational Year	2022
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Bridge Point Rancho Cucamonga (Operations - Trucks) - San Bernardino-South Coast County, Annual

Project Characteristics -

Land Use - Parking Lot Area: Auto, Dock Loading, Trailer, and Bicycle Parking. Employee Outdoor Area modeled as Other Asphalt Surfaces. Landscape Area modeled as Other Non-Asphalt Surfaces

Construction Phase - Operations Run Only.

Off-road Equipment - Operations Run Only.

Trips and VMT - Operations Run Only.

Vehicle Trips - Trip Characteristics based on information provided in the Traffic Analysis.

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Energy Use - The Project will design building shells and building components to meet 2019 Title 24 Standards which expects 30% less energy for nonresidential uses. The Project will not use Natural Gas.

Water And Wastewater - Water use based on information provided in the WSA

Operational Off-Road Equipment - Off-road equipment based on consultation with the Project Applicant.

Fleet Mix - Truck Fleet Mix estimated by rationing the Trip Rates for each truck type based on information provided in the Traffic Analysis.

Area Coating -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	100.00	0.00
tblEnergyUse	LightingElect	2.37	1.66
tblEnergyUse	LightingElect	1.17	0.82
tblEnergyUse	NT24NG	48.51	0.00
tblEnergyUse	NT24NG	0.03	0.00
tblEnergyUse	T24E	1.06	0.74
tblEnergyUse	T24E	0.37	0.26
tblEnergyUse	T24NG	3.25	0.00
tblEnergyUse	T24NG	2.00	0.00
tblFleetMix	HHD	0.06	0.54

Bridge Point Rancho Cucamonga (Operations - Trucks) - San Bernardino-South Coast County, Annual

tblFleetMix	HHD	0.06	0.63
tblFleetMix	LDA	0.55	0.00
tblFleetMix	LDA	0.55	0.00
tblFleetMix	LDT1	0.04	0.00
tblFleetMix	LDT1	0.04	0.00
tblFleetMix	LDT2	0.18	0.00
tblFleetMix	LDT2	0.18	0.00
tblFleetMix	LHD1	0.02	0.35
tblFleetMix	LHD1	0.02	0.17
tblFleetMix	LHD2	5.1010e-003	0.00
tblFleetMix	LHD2	5.1010e-003	0.00
tblFleetMix	MCY	5.9030e-003	0.00
tblFleetMix	MCY	5.9030e-003	0.00
tblFleetMix	MDV	0.12	0.00
tblFleetMix	MDV	0.12	0.00
tblFleetMix	MH	9.4400e-004	0.00
tblFleetMix	MH	9.4400e-004	0.00
tblFleetMix	MHD	0.02	0.11
tblFleetMix	MHD	0.02	0.21
tblFleetMix	OBUS	1.3570e-003	0.00
tblFleetMix	OBUS	1.3570e-003	0.00
tblFleetMix	SBUS	8.0800e-004	0.00
tblFleetMix	SBUS	8.0800e-004	0.00
tblFleetMix	UBUS	1.5650e-003	0.00
tblFleetMix	UBUS	1.5650e-003	0.00
tblLandUse	LandUseSquareFeet	563,200.00	1,157,383.00
tblLandUse	LotAcreage	12.67	26.57

Bridge Point Rancho Cucamonga (Operations - Trucks) - San Bernardino-South Coast County, Annual

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOperationalOffRoadEquipment	OperDaysPerYear	260.00	365.00
tblOperationalOffRoadEquipment	OperFuelType	Diesel	CNG
tblOperationalOffRoadEquipment	OperHoursPerDay	8.00	4.00
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	4.00
tblVehicleEF	HHD	1.21	0.03
tblVehicleEF	HHD	0.04	0.14
tblVehicleEF	HHD	0.10	0.00
tblVehicleEF	HHD	3.29	5.95
tblVehicleEF	HHD	0.57	0.67
tblVehicleEF	HHD	1.82	3.7880e-003
tblVehicleEF	HHD	6,933.41	1,124.17
tblVehicleEF	HHD	1,475.79	1,484.27
tblVehicleEF	HHD	5.54	0.03
tblVehicleEF	HHD	26.50	6.08
tblVehicleEF	HHD	2.50	3.42
tblVehicleEF	HHD	20.21	2.10
tblVehicleEF	HHD	9.7780e-003	3.6280e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.01	0.03
tblVehicleEF	HHD	5.1000e-005	1.0000e-006
tblVehicleEF	HHD	9.3550e-003	3.4710e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8810e-003	8.8310e-003

Bridge Point Rancho Cucamonga (Operations - Trucks) - San Bernardino-South Coast County, Annual

tblVehicleEF	HHD	0.01	0.03
tblVehicleEF	HHD	4.7000e-005	1.0000e-006
tblVehicleEF	HHD	8.5000e-005	5.0000e-006
tblVehicleEF	HHD	3.1910e-003	1.6000e-004
tblVehicleEF	HHD	0.84	0.43
tblVehicleEF	HHD	5.2000e-005	3.0000e-006
tblVehicleEF	HHD	0.08	0.08
tblVehicleEF	HHD	2.1700e-004	7.9100e-004
tblVehicleEF	HHD	0.05	1.0000e-006
tblVehicleEF	HHD	0.07	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	8.6000e-005	0.00
tblVehicleEF	HHD	8.5000e-005	5.0000e-006
tblVehicleEF	HHD	3.1910e-003	1.6000e-004
tblVehicleEF	HHD	0.97	0.50
tblVehicleEF	HHD	5.2000e-005	3.0000e-006
tblVehicleEF	HHD	0.13	0.23
tblVehicleEF	HHD	2.1700e-004	7.9100e-004
tblVehicleEF	HHD	0.06	1.0000e-006
tblVehicleEF	HHD	1.14	0.03
tblVehicleEF	HHD	0.04	0.14
tblVehicleEF	HHD	0.09	0.00
tblVehicleEF	HHD	2.39	5.82
tblVehicleEF	HHD	0.57	0.67
tblVehicleEF	HHD	1.70	3.5770e-003
tblVehicleEF	HHD	7,345.18	1,121.04
tblVehicleEF	HHD	1,475.79	1,484.27

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tblVehicleEF	HHD	5.54	0.03
tblVehicleEF	HHD	27.35	5.90
tblVehicleEF	HHD	2.36	3.23
tblVehicleEF	HHD	20.20	2.10
tblVehicleEF	HHD	8.2750e-003	3.1750e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.01	0.03
tblVehicleEF	HHD	5.1000e-005	1.0000e-006
tblVehicleEF	HHD	7.9170e-003	3.0380e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8810e-003	8.8310e-003
tblVehicleEF	HHD	0.01	0.03
tblVehicleEF	HHD	4.7000e-005	1.0000e-006
tblVehicleEF	HHD	1.6800e-004	1.0000e-005
tblVehicleEF	HHD	3.5970e-003	1.8200e-004
tblVehicleEF	HHD	0.79	0.45
tblVehicleEF	HHD	1.1700e-004	7.0000e-006
tblVehicleEF	HHD	0.08	0.08
tblVehicleEF	HHD	2.2100e-004	8.1200e-004
tblVehicleEF	HHD	0.05	1.0000e-006
tblVehicleEF	HHD	0.07	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	8.4000e-005	0.00
tblVehicleEF	HHD	1.6800e-004	1.0000e-005
tblVehicleEF	HHD	3.5970e-003	1.8200e-004
tblVehicleEF	HHD	0.91	0.52

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tblVehicleEF	HHD	1.1700e-004	7.0000e-006
tblVehicleEF	HHD	0.13	0.23
tblVehicleEF	HHD	2.2100e-004	8.1200e-004
tblVehicleEF	HHD	0.06	1.0000e-006
tblVehicleEF	HHD	1.31	0.02
tblVehicleEF	HHD	0.04	3.3680e-003
tblVehicleEF	HHD	0.10	0.00
tblVehicleEF	HHD	4.53	5.98
tblVehicleEF	HHD	0.57	0.33
tblVehicleEF	HHD	1.79	3.7590e-003
tblVehicleEF	HHD	6,364.76	1,097.48
tblVehicleEF	HHD	1,475.79	1,393.36
tblVehicleEF	HHD	5.54	0.03
tblVehicleEF	HHD	25.32	6.13
tblVehicleEF	HHD	2.46	3.28
tblVehicleEF	HHD	20.20	2.10
tblVehicleEF	HHD	0.01	3.8650e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.03
tblVehicleEF	HHD	0.01	0.03
tblVehicleEF	HHD	5.1000e-005	1.0000e-006
tblVehicleEF	HHD	0.01	3.6980e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8810e-003	8.6000e-003
tblVehicleEF	HHD	0.01	0.03
tblVehicleEF	HHD	4.7000e-005	1.0000e-006
tblVehicleEF	HHD	8.5000e-005	5.0000e-006

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tblVehicleEF	HHD	3.4760e-003	1.8700e-004
tblVehicleEF	HHD	0.91	0.40
tblVehicleEF	HHD	5.2000e-005	3.0000e-006
tblVehicleEF	HHD	0.08	0.07
tblVehicleEF	HHD	2.3300e-004	8.2900e-004
tblVehicleEF	HHD	0.05	1.0000e-006
tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	8.5000e-005	0.00
tblVehicleEF	HHD	8.5000e-005	5.0000e-006
tblVehicleEF	HHD	3.4760e-003	1.8700e-004
tblVehicleEF	HHD	1.05	0.46
tblVehicleEF	HHD	5.2000e-005	3.0000e-006
tblVehicleEF	HHD	0.13	0.08
tblVehicleEF	HHD	2.3300e-004	8.2900e-004
tblVehicleEF	HHD	0.06	1.0000e-006
tblVehicleEF	LDA	4.2030e-003	2.5110e-003
tblVehicleEF	LDA	5.6230e-003	0.05
tblVehicleEF	LDA	0.57	0.67
tblVehicleEF	LDA	1.19	2.11
tblVehicleEF	LDA	251.29	265.15
tblVehicleEF	LDA	57.15	54.12
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.08	0.18
tblVehicleEF	LDA	1.6780e-003	1.5210e-003
tblVehicleEF	LDA	2.2790e-003	1.8570e-003
tblVehicleEF	LDA	1.5460e-003	1.4000e-003

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tblVehicleEF	LDA	2.0960e-003	1.7080e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.01	9.5370e-003
tblVehicleEF	LDA	0.03	0.21
tblVehicleEF	LDA	0.08	0.22
tblVehicleEF	LDA	2.5170e-003	2.6060e-003
tblVehicleEF	LDA	5.9200e-004	5.3200e-004
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.02	0.01
tblVehicleEF	LDA	0.03	0.21
tblVehicleEF	LDA	0.08	0.24
tblVehicleEF	LDA	4.7900e-003	2.8350e-003
tblVehicleEF	LDA	4.6890e-003	0.04
tblVehicleEF	LDA	0.71	0.81
tblVehicleEF	LDA	0.99	1.78
tblVehicleEF	LDA	274.94	287.11
tblVehicleEF	LDA	57.15	53.48
tblVehicleEF	LDA	0.05	0.03
tblVehicleEF	LDA	0.07	0.17
tblVehicleEF	LDA	1.6780e-003	1.5210e-003
tblVehicleEF	LDA	2.2790e-003	1.8570e-003
tblVehicleEF	LDA	1.5460e-003	1.4000e-003
tblVehicleEF	LDA	2.0960e-003	1.7080e-003

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tblVehicleEF	LDA	0.09	0.11
tblVehicleEF	LDA	0.12	0.11
tblVehicleEF	LDA	0.07	0.09
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.03	0.21
tblVehicleEF	LDA	0.06	0.19
tblVehicleEF	LDA	2.7550e-003	2.8220e-003
tblVehicleEF	LDA	5.8800e-004	5.2600e-004
tblVehicleEF	LDA	0.09	0.11
tblVehicleEF	LDA	0.12	0.11
tblVehicleEF	LDA	0.07	0.09
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.03	0.21
tblVehicleEF	LDA	0.07	0.21
tblVehicleEF	LDA	4.0860e-003	2.4590e-003
tblVehicleEF	LDA	5.5870e-003	0.05
tblVehicleEF	LDA	0.54	0.64
tblVehicleEF	LDA	1.18	2.12
tblVehicleEF	LDA	245.70	261.06
tblVehicleEF	LDA	57.15	54.13
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.08	0.18
tblVehicleEF	LDA	1.6780e-003	1.5210e-003
tblVehicleEF	LDA	2.2790e-003	1.8570e-003
tblVehicleEF	LDA	1.5460e-003	1.4000e-003
tblVehicleEF	LDA	2.0960e-003	1.7080e-003
tblVehicleEF	LDA	0.05	0.06

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tblVehicleEF	LDA	0.11	0.11
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.01	9.3400e-003
tblVehicleEF	LDA	0.04	0.24
tblVehicleEF	LDA	0.08	0.22
tblVehicleEF	LDA	2.4600e-003	2.5660e-003
tblVehicleEF	LDA	5.9100e-004	5.3200e-004
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.11	0.11
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.24
tblVehicleEF	LDA	0.08	0.24
tblVehicleEF	LDT1	0.01	7.5760e-003
tblVehicleEF	LDT1	0.02	0.08
tblVehicleEF	LDT1	1.54	1.52
tblVehicleEF	LDT1	3.61	2.39
tblVehicleEF	LDT1	313.68	314.63
tblVehicleEF	LDT1	70.93	65.70
tblVehicleEF	LDT1	0.16	0.13
tblVehicleEF	LDT1	0.22	0.30
tblVehicleEF	LDT1	2.7050e-003	2.3430e-003
tblVehicleEF	LDT1	3.6920e-003	2.8390e-003
tblVehicleEF	LDT1	2.4910e-003	2.1560e-003
tblVehicleEF	LDT1	3.3960e-003	2.6100e-003
tblVehicleEF	LDT1	0.18	0.19
tblVehicleEF	LDT1	0.33	0.26

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tblVehicleEF	LDT1	0.13	0.14
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.20	0.86
tblVehicleEF	LDT1	0.26	0.42
tblVehicleEF	LDT1	3.1570e-003	3.0930e-003
tblVehicleEF	LDT1	7.7300e-004	6.4600e-004
tblVehicleEF	LDT1	0.18	0.19
tblVehicleEF	LDT1	0.33	0.26
tblVehicleEF	LDT1	0.13	0.14
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.20	0.86
tblVehicleEF	LDT1	0.28	0.47
tblVehicleEF	LDT1	0.02	8.4640e-003
tblVehicleEF	LDT1	0.02	0.07
tblVehicleEF	LDT1	1.85	1.81
tblVehicleEF	LDT1	2.97	2.00
tblVehicleEF	LDT1	341.75	337.48
tblVehicleEF	LDT1	70.93	64.87
tblVehicleEF	LDT1	0.14	0.11
tblVehicleEF	LDT1	0.20	0.28
tblVehicleEF	LDT1	2.7050e-003	2.3430e-003
tblVehicleEF	LDT1	3.6920e-003	2.8390e-003
tblVehicleEF	LDT1	2.4910e-003	2.1560e-003
tblVehicleEF	LDT1	3.3960e-003	2.6100e-003
tblVehicleEF	LDT1	0.37	0.36
tblVehicleEF	LDT1	0.41	0.31
tblVehicleEF	LDT1	0.27	0.26

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tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.20	0.85
tblVehicleEF	LDT1	0.21	0.36
tblVehicleEF	LDT1	3.4420e-003	3.3180e-003
tblVehicleEF	LDT1	7.6200e-004	6.3800e-004
tblVehicleEF	LDT1	0.37	0.36
tblVehicleEF	LDT1	0.41	0.31
tblVehicleEF	LDT1	0.27	0.26
tblVehicleEF	LDT1	0.06	0.05
tblVehicleEF	LDT1	0.20	0.85
tblVehicleEF	LDT1	0.23	0.40
tblVehicleEF	LDT1	0.01	7.4310e-003
tblVehicleEF	LDT1	0.02	0.08
tblVehicleEF	LDT1	1.47	1.47
tblVehicleEF	LDT1	3.55	2.39
tblVehicleEF	LDT1	307.06	310.38
tblVehicleEF	LDT1	70.93	65.71
tblVehicleEF	LDT1	0.15	0.12
tblVehicleEF	LDT1	0.21	0.29
tblVehicleEF	LDT1	2.7050e-003	2.3430e-003
tblVehicleEF	LDT1	3.6920e-003	2.8390e-003
tblVehicleEF	LDT1	2.4910e-003	2.1560e-003
tblVehicleEF	LDT1	3.3960e-003	2.6100e-003
tblVehicleEF	LDT1	0.19	0.19
tblVehicleEF	LDT1	0.39	0.30
tblVehicleEF	LDT1	0.12	0.13
tblVehicleEF	LDT1	0.03	0.03

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tblVehicleEF	LDT1	0.23	1.00
tblVehicleEF	LDT1	0.25	0.43
tblVehicleEF	LDT1	3.0890e-003	3.0520e-003
tblVehicleEF	LDT1	7.7200e-004	6.4600e-004
tblVehicleEF	LDT1	0.19	0.19
tblVehicleEF	LDT1	0.39	0.30
tblVehicleEF	LDT1	0.12	0.13
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.23	1.00
tblVehicleEF	LDT1	0.28	0.47
tblVehicleEF	LDT2	6.3270e-003	4.4090e-003
tblVehicleEF	LDT2	8.1990e-003	0.07
tblVehicleEF	LDT2	0.80	1.00
tblVehicleEF	LDT2	1.67	2.71
tblVehicleEF	LDT2	351.15	335.59
tblVehicleEF	LDT2	79.39	70.25
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.14	0.30
tblVehicleEF	LDT2	1.7270e-003	1.6010e-003
tblVehicleEF	LDT2	2.4170e-003	1.9240e-003
tblVehicleEF	LDT2	1.5880e-003	1.4740e-003
tblVehicleEF	LDT2	2.2220e-003	1.7690e-003
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.13	0.14
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.45

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tblVehicleEF	LDT2	0.11	0.33
tblVehicleEF	LDT2	3.5180e-003	3.2990e-003
tblVehicleEF	LDT2	8.2200e-004	6.9100e-004
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.13	0.14
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.07	0.45
tblVehicleEF	LDT2	0.12	0.36
tblVehicleEF	LDT2	7.1840e-003	4.9540e-003
tblVehicleEF	LDT2	6.8290e-003	0.06
tblVehicleEF	LDT2	0.97	1.20
tblVehicleEF	LDT2	1.38	2.28
tblVehicleEF	LDT2	383.36	357.71
tblVehicleEF	LDT2	79.39	69.39
tblVehicleEF	LDT2	0.08	0.08
tblVehicleEF	LDT2	0.13	0.28
tblVehicleEF	LDT2	1.7270e-003	1.6010e-003
tblVehicleEF	LDT2	2.4170e-003	1.9240e-003
tblVehicleEF	LDT2	1.5880e-003	1.4740e-003
tblVehicleEF	LDT2	2.2220e-003	1.7690e-003
tblVehicleEF	LDT2	0.13	0.18
tblVehicleEF	LDT2	0.15	0.16
tblVehicleEF	LDT2	0.11	0.15
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.45
tblVehicleEF	LDT2	0.09	0.29

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tblVehicleEF	LDT2	3.8420e-003	3.5160e-003
tblVehicleEF	LDT2	8.1700e-004	6.8200e-004
tblVehicleEF	LDT2	0.13	0.18
tblVehicleEF	LDT2	0.15	0.16
tblVehicleEF	LDT2	0.11	0.15
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.07	0.45
tblVehicleEF	LDT2	0.10	0.31
tblVehicleEF	LDT2	6.1560e-003	4.3220e-003
tblVehicleEF	LDT2	8.1410e-003	0.07
tblVehicleEF	LDT2	0.75	0.96
tblVehicleEF	LDT2	1.64	2.72
tblVehicleEF	LDT2	343.55	331.47
tblVehicleEF	LDT2	79.39	70.27
tblVehicleEF	LDT2	0.08	0.08
tblVehicleEF	LDT2	0.14	0.30
tblVehicleEF	LDT2	1.7270e-003	1.6010e-003
tblVehicleEF	LDT2	2.4170e-003	1.9240e-003
tblVehicleEF	LDT2	1.5880e-003	1.4740e-003
tblVehicleEF	LDT2	2.2220e-003	1.7690e-003
tblVehicleEF	LDT2	0.06	0.09
tblVehicleEF	LDT2	0.14	0.16
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.08	0.52
tblVehicleEF	LDT2	0.11	0.33
tblVehicleEF	LDT2	3.4410e-003	3.2580e-003

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tblVehicleEF	LDT2	8.2200e-004	6.9100e-004
tblVehicleEF	LDT2	0.06	0.09
tblVehicleEF	LDT2	0.14	0.16
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.08	0.52
tblVehicleEF	LDT2	0.12	0.37
tblVehicleEF	LHD1	5.2170e-003	5.0850e-003
tblVehicleEF	LHD1	0.01	6.1020e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	1.07	0.75
tblVehicleEF	LHD1	2.60	1.03
tblVehicleEF	LHD1	9.23	9.25
tblVehicleEF	LHD1	609.20	652.45
tblVehicleEF	LHD1	30.40	11.21
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	2.12	1.25
tblVehicleEF	LHD1	0.99	0.32
tblVehicleEF	LHD1	9.6500e-004	8.9000e-004
tblVehicleEF	LHD1	0.01	9.8770e-003
tblVehicleEF	LHD1	0.01	9.8260e-003
tblVehicleEF	LHD1	9.5800e-004	2.6000e-004
tblVehicleEF	LHD1	9.2400e-004	8.5100e-004
tblVehicleEF	LHD1	2.5390e-003	2.4690e-003
tblVehicleEF	LHD1	0.01	9.3750e-003
tblVehicleEF	LHD1	8.8100e-004	2.3900e-004

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tblVehicleEF	LHD1	3.7070e-003	3.0390e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.8240e-003	1.5810e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.35	0.55
tblVehicleEF	LHD1	0.27	0.08
tblVehicleEF	LHD1	9.2000e-005	9.0000e-005
tblVehicleEF	LHD1	5.9760e-003	6.3570e-003
tblVehicleEF	LHD1	3.5300e-004	1.1100e-004
tblVehicleEF	LHD1	3.7070e-003	3.0390e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.8240e-003	1.5810e-003
tblVehicleEF	LHD1	0.10	0.08
tblVehicleEF	LHD1	0.35	0.55
tblVehicleEF	LHD1	0.29	0.09
tblVehicleEF	LHD1	5.2170e-003	5.0990e-003
tblVehicleEF	LHD1	0.01	6.2280e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	1.09	0.76
tblVehicleEF	LHD1	2.43	0.98
tblVehicleEF	LHD1	9.23	9.25
tblVehicleEF	LHD1	609.20	652.47
tblVehicleEF	LHD1	30.40	11.12
tblVehicleEF	LHD1	0.09	0.07

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tblVehicleEF	LHD1	1.98	1.17
tblVehicleEF	LHD1	0.94	0.31
tblVehicleEF	LHD1	9.6500e-004	8.9000e-004
tblVehicleEF	LHD1	0.01	9.8770e-003
tblVehicleEF	LHD1	0.01	9.8260e-003
tblVehicleEF	LHD1	9.5800e-004	2.6000e-004
tblVehicleEF	LHD1	9.2400e-004	8.5100e-004
tblVehicleEF	LHD1	2.5390e-003	2.4690e-003
tblVehicleEF	LHD1	0.01	9.3750e-003
tblVehicleEF	LHD1	8.8100e-004	2.3900e-004
tblVehicleEF	LHD1	7.3080e-003	5.4780e-003
tblVehicleEF	LHD1	0.13	0.10
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	4.1220e-003	3.0450e-003
tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	0.36	0.56
tblVehicleEF	LHD1	0.25	0.08
tblVehicleEF	LHD1	9.2000e-005	9.0000e-005
tblVehicleEF	LHD1	5.9770e-003	6.3570e-003
tblVehicleEF	LHD1	3.5000e-004	1.1000e-004
tblVehicleEF	LHD1	7.3080e-003	5.4780e-003
tblVehicleEF	LHD1	0.13	0.10
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	4.1220e-003	3.0450e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.36	0.56
tblVehicleEF	LHD1	0.28	0.08

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tblVehicleEF	LHD1	5.2170e-003	5.0870e-003
tblVehicleEF	LHD1	0.01	6.1100e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	1.07	0.75
tblVehicleEF	LHD1	2.55	1.02
tblVehicleEF	LHD1	9.23	9.25
tblVehicleEF	LHD1	609.20	652.45
tblVehicleEF	LHD1	30.40	11.20
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	2.08	1.23
tblVehicleEF	LHD1	0.97	0.31
tblVehicleEF	LHD1	9.6500e-004	8.9000e-004
tblVehicleEF	LHD1	0.01	9.8770e-003
tblVehicleEF	LHD1	0.01	9.8260e-003
tblVehicleEF	LHD1	9.5800e-004	2.6000e-004
tblVehicleEF	LHD1	9.2400e-004	8.5100e-004
tblVehicleEF	LHD1	2.5390e-003	2.4690e-003
tblVehicleEF	LHD1	0.01	9.3750e-003
tblVehicleEF	LHD1	8.8100e-004	2.3900e-004
tblVehicleEF	LHD1	4.0430e-003	3.1520e-003
tblVehicleEF	LHD1	0.13	0.10
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.7940e-003	1.6100e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.38	0.60
tblVehicleEF	LHD1	0.26	0.08

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tblVehicleEF	LHD1	9.2000e-005	9.0000e-005
tblVehicleEF	LHD1	5.9760e-003	6.3570e-003
tblVehicleEF	LHD1	3.5200e-004	1.1100e-004
tblVehicleEF	LHD1	4.0430e-003	3.1520e-003
tblVehicleEF	LHD1	0.13	0.10
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.7940e-003	1.6100e-003
tblVehicleEF	LHD1	0.10	0.08
tblVehicleEF	LHD1	0.38	0.60
tblVehicleEF	LHD1	0.29	0.09
tblVehicleEF	LHD2	3.5950e-003	3.6950e-003
tblVehicleEF	LHD2	4.6110e-003	4.1040e-003
tblVehicleEF	LHD2	8.1370e-003	0.01
tblVehicleEF	LHD2	0.12	0.15
tblVehicleEF	LHD2	0.50	0.50
tblVehicleEF	LHD2	1.20	0.67
tblVehicleEF	LHD2	14.27	14.14
tblVehicleEF	LHD2	608.52	665.25
tblVehicleEF	LHD2	24.46	8.76
tblVehicleEF	LHD2	0.11	0.10
tblVehicleEF	LHD2	1.49	1.36
tblVehicleEF	LHD2	0.53	0.22
tblVehicleEF	LHD2	1.2830e-003	1.3100e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.0000e-004	1.3700e-004
tblVehicleEF	LHD2	1.2280e-003	1.2540e-003

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tblVehicleEF	LHD2	2.6860e-003	2.6560e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.6800e-004	1.2600e-004
tblVehicleEF	LHD2	1.3070e-003	1.7040e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	7.0300e-004	9.2000e-004
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.09	0.32
tblVehicleEF	LHD2	0.11	0.05
tblVehicleEF	LHD2	1.3900e-004	1.3500e-004
tblVehicleEF	LHD2	5.9200e-003	6.4300e-003
tblVehicleEF	LHD2	2.6700e-004	8.7000e-005
tblVehicleEF	LHD2	1.3070e-003	1.7040e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.0300e-004	9.2000e-004
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.09	0.32
tblVehicleEF	LHD2	0.12	0.06
tblVehicleEF	LHD2	3.5950e-003	3.7050e-003
tblVehicleEF	LHD2	4.6760e-003	4.1460e-003
tblVehicleEF	LHD2	7.7630e-003	0.01
tblVehicleEF	LHD2	0.12	0.15
tblVehicleEF	LHD2	0.50	0.50
tblVehicleEF	LHD2	1.13	0.64
tblVehicleEF	LHD2	14.27	14.14

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tblVehicleEF	LHD2	608.52	665.25
tblVehicleEF	LHD2	24.46	8.70
tblVehicleEF	LHD2	0.11	0.10
tblVehicleEF	LHD2	1.40	1.28
tblVehicleEF	LHD2	0.50	0.21
tblVehicleEF	LHD2	1.2830e-003	1.3100e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.0000e-004	1.3700e-004
tblVehicleEF	LHD2	1.2280e-003	1.2540e-003
tblVehicleEF	LHD2	2.6860e-003	2.6560e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.6800e-004	1.2600e-004
tblVehicleEF	LHD2	2.5220e-003	3.0730e-003
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.5220e-003	1.7630e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.09	0.32
tblVehicleEF	LHD2	0.10	0.05
tblVehicleEF	LHD2	1.3900e-004	1.3500e-004
tblVehicleEF	LHD2	5.9200e-003	6.4300e-003
tblVehicleEF	LHD2	2.6500e-004	8.6000e-005
tblVehicleEF	LHD2	2.5220e-003	3.0730e-003
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.5220e-003	1.7630e-003

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tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.09	0.32
tblVehicleEF	LHD2	0.11	0.05
tblVehicleEF	LHD2	3.5950e-003	3.6960e-003
tblVehicleEF	LHD2	4.6180e-003	4.1080e-003
tblVehicleEF	LHD2	8.0640e-003	0.01
tblVehicleEF	LHD2	0.12	0.15
tblVehicleEF	LHD2	0.50	0.50
tblVehicleEF	LHD2	1.19	0.67
tblVehicleEF	LHD2	14.27	14.14
tblVehicleEF	LHD2	608.52	665.25
tblVehicleEF	LHD2	24.46	8.75
tblVehicleEF	LHD2	0.11	0.10
tblVehicleEF	LHD2	1.46	1.33
tblVehicleEF	LHD2	0.52	0.22
tblVehicleEF	LHD2	1.2830e-003	1.3100e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.0000e-004	1.3700e-004
tblVehicleEF	LHD2	1.2280e-003	1.2540e-003
tblVehicleEF	LHD2	2.6860e-003	2.6560e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.6800e-004	1.2600e-004
tblVehicleEF	LHD2	1.3460e-003	1.7140e-003
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	6.8700e-004	9.2200e-004

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tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.10	0.34
tblVehicleEF	LHD2	0.11	0.05
tblVehicleEF	LHD2	1.3900e-004	1.3500e-004
tblVehicleEF	LHD2	5.9200e-003	6.4300e-003
tblVehicleEF	LHD2	2.6600e-004	8.7000e-005
tblVehicleEF	LHD2	1.3460e-003	1.7140e-003
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.8700e-004	9.2200e-004
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.10	0.34
tblVehicleEF	LHD2	0.12	0.06
tblVehicleEF	MCY	0.43	0.34
tblVehicleEF	MCY	0.16	0.24
tblVehicleEF	MCY	20.55	19.26
tblVehicleEF	MCY	9.93	8.60
tblVehicleEF	MCY	167.73	212.03
tblVehicleEF	MCY	46.45	60.73
tblVehicleEF	MCY	1.16	1.13
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	1.8610e-003	1.9650e-003
tblVehicleEF	MCY	3.6730e-003	2.9600e-003
tblVehicleEF	MCY	1.7420e-003	1.8380e-003
tblVehicleEF	MCY	3.4650e-003	2.7870e-003
tblVehicleEF	MCY	1.45	1.42
tblVehicleEF	MCY	0.84	0.80

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tblVehicleEF	MCY	0.80	0.78
tblVehicleEF	MCY	2.23	2.33
tblVehicleEF	MCY	0.49	1.91
tblVehicleEF	MCY	2.16	1.84
tblVehicleEF	MCY	2.0770e-003	2.0980e-003
tblVehicleEF	MCY	6.9000e-004	6.0100e-004
tblVehicleEF	MCY	1.45	1.42
tblVehicleEF	MCY	0.84	0.80
tblVehicleEF	MCY	0.80	0.78
tblVehicleEF	MCY	2.74	2.87
tblVehicleEF	MCY	0.49	1.91
tblVehicleEF	MCY	2.35	2.01
tblVehicleEF	MCY	0.42	0.34
tblVehicleEF	MCY	0.14	0.21
tblVehicleEF	MCY	20.68	19.28
tblVehicleEF	MCY	9.05	7.90
tblVehicleEF	MCY	167.73	211.90
tblVehicleEF	MCY	46.45	58.88
tblVehicleEF	MCY	0.99	0.97
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	1.8610e-003	1.9650e-003
tblVehicleEF	MCY	3.6730e-003	2.9600e-003
tblVehicleEF	MCY	1.7420e-003	1.8380e-003
tblVehicleEF	MCY	3.4650e-003	2.7870e-003
tblVehicleEF	MCY	3.14	2.77
tblVehicleEF	MCY	1.27	1.11
tblVehicleEF	MCY	2.13	1.77

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tblVehicleEF	MCY	2.17	2.28
tblVehicleEF	MCY	0.49	1.88
tblVehicleEF	MCY	1.86	1.62
tblVehicleEF	MCY	2.0770e-003	2.0970e-003
tblVehicleEF	MCY	6.6700e-004	5.8300e-004
tblVehicleEF	MCY	3.14	2.77
tblVehicleEF	MCY	1.27	1.11
tblVehicleEF	MCY	2.13	1.77
tblVehicleEF	MCY	2.67	2.81
tblVehicleEF	MCY	0.49	1.88
tblVehicleEF	MCY	2.02	1.76
tblVehicleEF	MCY	0.42	0.34
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	19.63	18.76
tblVehicleEF	MCY	9.55	8.44
tblVehicleEF	MCY	167.73	211.17
tblVehicleEF	MCY	46.45	60.38
tblVehicleEF	MCY	1.12	1.09
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	1.8610e-003	1.9650e-003
tblVehicleEF	MCY	3.6730e-003	2.9600e-003
tblVehicleEF	MCY	1.7420e-003	1.8380e-003
tblVehicleEF	MCY	3.4650e-003	2.7870e-003
tblVehicleEF	MCY	1.71	1.57
tblVehicleEF	MCY	1.13	1.06
tblVehicleEF	MCY	0.72	0.74
tblVehicleEF	MCY	2.19	2.31

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tblVehicleEF	MCY	0.56	2.18
tblVehicleEF	MCY	2.08	1.81
tblVehicleEF	MCY	2.0610e-003	2.0900e-003
tblVehicleEF	MCY	6.8200e-004	5.9800e-004
tblVehicleEF	MCY	1.71	1.57
tblVehicleEF	MCY	1.13	1.06
tblVehicleEF	MCY	0.72	0.74
tblVehicleEF	MCY	2.69	2.84
tblVehicleEF	MCY	0.56	2.18
tblVehicleEF	MCY	2.27	1.98
tblVehicleEF	MDV	0.01	5.5200e-003
tblVehicleEF	MDV	0.02	0.09
tblVehicleEF	MDV	1.35	1.14
tblVehicleEF	MDV	3.25	3.25
tblVehicleEF	MDV	483.94	415.10
tblVehicleEF	MDV	107.92	87.32
tblVehicleEF	MDV	0.17	0.11
tblVehicleEF	MDV	0.32	0.38
tblVehicleEF	MDV	1.8260e-003	1.6850e-003
tblVehicleEF	MDV	2.5170e-003	2.0310e-003
tblVehicleEF	MDV	1.6830e-003	1.5540e-003
tblVehicleEF	MDV	2.3150e-003	1.8680e-003
tblVehicleEF	MDV	0.10	0.11
tblVehicleEF	MDV	0.20	0.17
tblVehicleEF	MDV	0.08	0.10
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.50

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tblVehicleEF	MDV	0.25	0.44
tblVehicleEF	MDV	4.8500e-003	4.0780e-003
tblVehicleEF	MDV	1.1370e-003	8.5900e-004
tblVehicleEF	MDV	0.10	0.11
tblVehicleEF	MDV	0.20	0.17
tblVehicleEF	MDV	0.08	0.10
tblVehicleEF	MDV	0.05	0.03
tblVehicleEF	MDV	0.11	0.50
tblVehicleEF	MDV	0.28	0.48
tblVehicleEF	MDV	0.01	6.2110e-003
tblVehicleEF	MDV	0.02	0.08
tblVehicleEF	MDV	1.64	1.35
tblVehicleEF	MDV	2.69	2.72
tblVehicleEF	MDV	526.85	438.45
tblVehicleEF	MDV	107.92	86.27
tblVehicleEF	MDV	0.16	0.10
tblVehicleEF	MDV	0.30	0.35
tblVehicleEF	MDV	1.8260e-003	1.6850e-003
tblVehicleEF	MDV	2.5170e-003	2.0310e-003
tblVehicleEF	MDV	1.6830e-003	1.5540e-003
tblVehicleEF	MDV	2.3150e-003	1.8680e-003
tblVehicleEF	MDV	0.20	0.21
tblVehicleEF	MDV	0.23	0.19
tblVehicleEF	MDV	0.17	0.19
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.11	0.49
tblVehicleEF	MDV	0.21	0.38

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tblVehicleEF	MDV	5.2830e-003	4.3080e-003
tblVehicleEF	MDV	1.1260e-003	8.4800e-004
tblVehicleEF	MDV	0.20	0.21
tblVehicleEF	MDV	0.23	0.19
tblVehicleEF	MDV	0.17	0.19
tblVehicleEF	MDV	0.05	0.04
tblVehicleEF	MDV	0.11	0.49
tblVehicleEF	MDV	0.23	0.41
tblVehicleEF	MDV	0.01	5.4050e-003
tblVehicleEF	MDV	0.02	0.09
tblVehicleEF	MDV	1.28	1.09
tblVehicleEF	MDV	3.20	3.26
tblVehicleEF	MDV	473.93	410.75
tblVehicleEF	MDV	107.92	87.35
tblVehicleEF	MDV	0.16	0.10
tblVehicleEF	MDV	0.32	0.38
tblVehicleEF	MDV	1.8260e-003	1.6850e-003
tblVehicleEF	MDV	2.5170e-003	2.0310e-003
tblVehicleEF	MDV	1.6830e-003	1.5540e-003
tblVehicleEF	MDV	2.3150e-003	1.8680e-003
tblVehicleEF	MDV	0.10	0.11
tblVehicleEF	MDV	0.22	0.18
tblVehicleEF	MDV	0.08	0.10
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.13	0.57
tblVehicleEF	MDV	0.25	0.44
tblVehicleEF	MDV	4.7490e-003	4.0360e-003

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tblVehicleEF	MDV	1.1360e-003	8.5900e-004
tblVehicleEF	MDV	0.10	0.11
tblVehicleEF	MDV	0.22	0.18
tblVehicleEF	MDV	0.08	0.10
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.13	0.57
tblVehicleEF	MDV	0.27	0.48
tblVehicleEF	MH	0.04	3.6580e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	3.07	0.35
tblVehicleEF	MH	6.43	0.00
tblVehicleEF	MH	1,045.05	970.21
tblVehicleEF	MH	59.49	0.00
tblVehicleEF	MH	1.54	4.24
tblVehicleEF	MH	0.91	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.11
tblVehicleEF	MH	1.1740e-003	0.00
tblVehicleEF	MH	3.2230e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.11
tblVehicleEF	MH	1.0790e-003	0.00
tblVehicleEF	MH	1.47	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.51	0.00
tblVehicleEF	MH	0.10	0.08
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.37	0.00

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tblVehicleEF	MH	0.01	9.1720e-003
tblVehicleEF	MH	7.0700e-004	0.00
tblVehicleEF	MH	1.47	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.51	0.00
tblVehicleEF	MH	0.14	0.09
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.40	0.00
tblVehicleEF	MH	0.04	3.6580e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	3.19	0.35
tblVehicleEF	MH	5.84	0.00
tblVehicleEF	MH	1,045.05	970.21
tblVehicleEF	MH	59.49	0.00
tblVehicleEF	MH	1.41	4.00
tblVehicleEF	MH	0.86	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.11
tblVehicleEF	MH	1.1740e-003	0.00
tblVehicleEF	MH	3.2230e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.11
tblVehicleEF	MH	1.0790e-003	0.00
tblVehicleEF	MH	2.91	0.00
tblVehicleEF	MH	0.11	0.00
tblVehicleEF	MH	1.21	0.00
tblVehicleEF	MH	0.11	0.08
tblVehicleEF	MH	0.03	0.00

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tblVehicleEF	MH	0.34	0.00
tblVehicleEF	MH	0.01	9.1720e-003
tblVehicleEF	MH	6.9700e-004	0.00
tblVehicleEF	MH	2.91	0.00
tblVehicleEF	MH	0.11	0.00
tblVehicleEF	MH	1.21	0.00
tblVehicleEF	MH	0.15	0.09
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.04	3.6580e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	3.08	0.35
tblVehicleEF	MH	6.36	0.00
tblVehicleEF	MH	1,045.05	970.21
tblVehicleEF	MH	59.49	0.00
tblVehicleEF	MH	1.51	4.17
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.11
tblVehicleEF	MH	1.1740e-003	0.00
tblVehicleEF	MH	3.2230e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.11
tblVehicleEF	MH	1.0790e-003	0.00
tblVehicleEF	MH	1.75	0.00
tblVehicleEF	MH	0.11	0.00
tblVehicleEF	MH	0.53	0.00
tblVehicleEF	MH	0.10	0.08

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tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.37	0.00
tblVehicleEF	MH	0.01	9.1720e-003
tblVehicleEF	MH	7.0600e-004	0.00
tblVehicleEF	MH	1.75	0.00
tblVehicleEF	MH	0.11	0.00
tblVehicleEF	MH	0.53	0.00
tblVehicleEF	MH	0.15	0.09
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.40	0.00
tblVehicleEF	MHD	0.02	2.5070e-003
tblVehicleEF	MHD	3.5160e-003	3.3210e-003
tblVehicleEF	MHD	0.05	6.4670e-003
tblVehicleEF	MHD	0.32	0.31
tblVehicleEF	MHD	0.27	0.32
tblVehicleEF	MHD	5.32	0.74
tblVehicleEF	MHD	156.91	68.92
tblVehicleEF	MHD	1,101.52	974.57
tblVehicleEF	MHD	52.43	6.35
tblVehicleEF	MHD	0.60	0.52
tblVehicleEF	MHD	0.99	1.61
tblVehicleEF	MHD	11.88	1.50
tblVehicleEF	MHD	3.8600e-004	1.2310e-003
tblVehicleEF	MHD	5.0030e-003	0.04
tblVehicleEF	MHD	7.6400e-004	7.5000e-005
tblVehicleEF	MHD	3.6900e-004	1.1780e-003
tblVehicleEF	MHD	4.7830e-003	0.03

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tblVehicleEF	MHD	7.0300e-004	6.9000e-005
tblVehicleEF	MHD	1.2800e-003	4.5300e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	6.5100e-004	2.4000e-004
tblVehicleEF	MHD	0.04	0.06
tblVehicleEF	MHD	0.02	0.08
tblVehicleEF	MHD	0.32	0.03
tblVehicleEF	MHD	1.5080e-003	6.5300e-004
tblVehicleEF	MHD	0.01	9.2620e-003
tblVehicleEF	MHD	6.1700e-004	6.3000e-005
tblVehicleEF	MHD	1.2800e-003	4.5300e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	6.5100e-004	2.4000e-004
tblVehicleEF	MHD	0.04	0.07
tblVehicleEF	MHD	0.02	0.08
tblVehicleEF	MHD	0.35	0.04
tblVehicleEF	MHD	0.02	2.3860e-003
tblVehicleEF	MHD	3.5800e-003	3.3450e-003
tblVehicleEF	MHD	0.05	6.2100e-003
tblVehicleEF	MHD	0.24	0.26
tblVehicleEF	MHD	0.28	0.33
tblVehicleEF	MHD	4.97	0.70
tblVehicleEF	MHD	166.20	69.59
tblVehicleEF	MHD	1,101.52	974.58
tblVehicleEF	MHD	52.43	6.28

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tblVehicleEF	MHD	0.62	0.52
tblVehicleEF	MHD	0.92	1.52
tblVehicleEF	MHD	11.85	1.49
tblVehicleEF	MHD	3.2500e-004	1.0410e-003
tblVehicleEF	MHD	5.0030e-003	0.04
tblVehicleEF	MHD	7.6400e-004	7.5000e-005
tblVehicleEF	MHD	3.1100e-004	9.9600e-004
tblVehicleEF	MHD	4.7830e-003	0.03
tblVehicleEF	MHD	7.0300e-004	6.9000e-005
tblVehicleEF	MHD	2.5300e-003	8.2800e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.5010e-003	4.7800e-004
tblVehicleEF	MHD	0.04	0.06
tblVehicleEF	MHD	0.02	0.08
tblVehicleEF	MHD	0.30	0.03
tblVehicleEF	MHD	1.5950e-003	6.5900e-004
tblVehicleEF	MHD	0.01	9.2620e-003
tblVehicleEF	MHD	6.1100e-004	6.2000e-005
tblVehicleEF	MHD	2.5300e-003	8.2800e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	1.5010e-003	4.7800e-004
tblVehicleEF	MHD	0.04	0.07
tblVehicleEF	MHD	0.02	0.08
tblVehicleEF	MHD	0.33	0.04
tblVehicleEF	MHD	0.02	2.6830e-003

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tblVehicleEF	MHD	3.5220e-003	3.3210e-003
tblVehicleEF	MHD	0.05	6.4200e-003
tblVehicleEF	MHD	0.45	0.37
tblVehicleEF	MHD	0.27	0.32
tblVehicleEF	MHD	5.23	0.74
tblVehicleEF	MHD	144.06	68.00
tblVehicleEF	MHD	1,101.52	974.57
tblVehicleEF	MHD	52.43	6.34
tblVehicleEF	MHD	0.57	0.52
tblVehicleEF	MHD	0.97	1.59
tblVehicleEF	MHD	11.87	1.50
tblVehicleEF	MHD	4.7000e-004	1.4940e-003
tblVehicleEF	MHD	5.0030e-003	0.04
tblVehicleEF	MHD	7.6400e-004	7.5000e-005
tblVehicleEF	MHD	4.4900e-004	1.4300e-003
tblVehicleEF	MHD	4.7830e-003	0.03
tblVehicleEF	MHD	7.0300e-004	6.9000e-005
tblVehicleEF	MHD	1.3890e-003	4.7100e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	6.4000e-004	2.4400e-004
tblVehicleEF	MHD	0.04	0.06
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.32	0.03
tblVehicleEF	MHD	1.3860e-003	6.4400e-004
tblVehicleEF	MHD	0.01	9.2620e-003
tblVehicleEF	MHD	6.1600e-004	6.3000e-005

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tblVehicleEF	MHD	1.3890e-003	4.7100e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	6.4000e-004	2.4400e-004
tblVehicleEF	MHD	0.04	0.07
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.35	0.04
tblVehicleEF	OBUS	0.01	8.8190e-003
tblVehicleEF	OBUS	9.9110e-003	6.5960e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.26	0.52
tblVehicleEF	OBUS	0.63	0.77
tblVehicleEF	OBUS	6.27	2.45
tblVehicleEF	OBUS	70.35	76.06
tblVehicleEF	OBUS	1,121.50	1,406.90
tblVehicleEF	OBUS	70.70	20.49
tblVehicleEF	OBUS	0.28	0.34
tblVehicleEF	OBUS	0.97	1.24
tblVehicleEF	OBUS	1.93	0.68
tblVehicleEF	OBUS	6.4000e-005	5.8900e-004
tblVehicleEF	OBUS	4.6440e-003	0.01
tblVehicleEF	OBUS	9.2900e-004	2.1800e-004
tblVehicleEF	OBUS	6.1000e-005	5.6400e-004
tblVehicleEF	OBUS	4.4220e-003	0.01
tblVehicleEF	OBUS	8.5400e-004	2.0100e-004
tblVehicleEF	OBUS	2.1800e-003	2.6020e-003
tblVehicleEF	OBUS	0.02	0.02

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tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	9.3100e-004	1.1160e-003
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	0.05	0.29
tblVehicleEF	OBUS	0.38	0.12
tblVehicleEF	OBUS	6.8400e-004	7.2500e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.1700e-004	2.0300e-004
tblVehicleEF	OBUS	2.1800e-003	2.6020e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	9.3100e-004	1.1160e-003
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	0.05	0.29
tblVehicleEF	OBUS	0.42	0.13
tblVehicleEF	OBUS	0.01	8.8750e-003
tblVehicleEF	OBUS	0.01	6.7350e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.26	0.51
tblVehicleEF	OBUS	0.65	0.79
tblVehicleEF	OBUS	5.74	2.28
tblVehicleEF	OBUS	73.50	75.90
tblVehicleEF	OBUS	1,121.50	1,406.93
tblVehicleEF	OBUS	70.70	20.20
tblVehicleEF	OBUS	0.29	0.34
tblVehicleEF	OBUS	0.90	1.16
tblVehicleEF	OBUS	1.88	0.67

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tblVehicleEF	OBUS	5.4000e-005	5.0100e-004
tblVehicleEF	OBUS	4.6440e-003	0.01
tblVehicleEF	OBUS	9.2900e-004	2.1800e-004
tblVehicleEF	OBUS	5.1000e-005	4.7900e-004
tblVehicleEF	OBUS	4.4220e-003	0.01
tblVehicleEF	OBUS	8.5400e-004	2.0100e-004
tblVehicleEF	OBUS	4.2350e-003	4.6860e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	2.1330e-003	2.2090e-003
tblVehicleEF	OBUS	0.05	0.05
tblVehicleEF	OBUS	0.05	0.29
tblVehicleEF	OBUS	0.36	0.11
tblVehicleEF	OBUS	7.1400e-004	7.2400e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.0800e-004	2.0000e-004
tblVehicleEF	OBUS	4.2350e-003	4.6860e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	2.1330e-003	2.2090e-003
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	0.05	0.29
tblVehicleEF	OBUS	0.40	0.12
tblVehicleEF	OBUS	0.01	8.7740e-003
tblVehicleEF	OBUS	9.9380e-003	6.6000e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.28	0.53

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tblVehicleEF	OBUS	0.63	0.77
tblVehicleEF	OBUS	6.22	2.45
tblVehicleEF	OBUS	66.00	76.30
tblVehicleEF	OBUS	1,121.50	1,406.90
tblVehicleEF	OBUS	70.70	20.50
tblVehicleEF	OBUS	0.27	0.35
tblVehicleEF	OBUS	0.96	1.22
tblVehicleEF	OBUS	1.91	0.68
tblVehicleEF	OBUS	7.7000e-005	7.1200e-004
tblVehicleEF	OBUS	4.6440e-003	0.01
tblVehicleEF	OBUS	9.2900e-004	2.1800e-004
tblVehicleEF	OBUS	7.4000e-005	6.8100e-004
tblVehicleEF	OBUS	4.4220e-003	0.01
tblVehicleEF	OBUS	8.5400e-004	2.0100e-004
tblVehicleEF	OBUS	2.3200e-003	2.7390e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	9.4100e-004	1.1650e-003
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	0.05	0.30
tblVehicleEF	OBUS	0.38	0.12
tblVehicleEF	OBUS	6.4200e-004	7.2700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.1600e-004	2.0300e-004
tblVehicleEF	OBUS	2.3200e-003	2.7390e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.05	0.07

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tblVehicleEF	OBUS	9.4100e-004	1.1650e-003
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	0.05	0.30
tblVehicleEF	OBUS	0.42	0.13
tblVehicleEF	SBUS	0.84	0.06
tblVehicleEF	SBUS	0.01	8.5840e-003
tblVehicleEF	SBUS	0.07	6.1570e-003
tblVehicleEF	SBUS	5.71	2.50
tblVehicleEF	SBUS	0.65	0.78
tblVehicleEF	SBUS	5.33	0.82
tblVehicleEF	SBUS	1,258.13	345.06
tblVehicleEF	SBUS	1,136.31	1,112.17
tblVehicleEF	SBUS	37.11	4.79
tblVehicleEF	SBUS	11.70	3.29
tblVehicleEF	SBUS	4.77	5.20
tblVehicleEF	SBUS	15.02	0.91
tblVehicleEF	SBUS	0.01	4.3580e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	5.1700e-004	4.0000e-005
tblVehicleEF	SBUS	0.01	4.1690e-003
tblVehicleEF	SBUS	2.7560e-003	2.7010e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	4.7500e-004	3.6000e-005
tblVehicleEF	SBUS	2.9260e-003	1.2420e-003
tblVehicleEF	SBUS	0.02	9.5120e-003
tblVehicleEF	SBUS	0.68	0.28

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tblVehicleEF	SBUS	1.3050e-003	5.9000e-004
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	9.3510e-003	0.06
tblVehicleEF	SBUS	0.27	0.04
tblVehicleEF	SBUS	0.01	3.2890e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	4.6300e-004	4.7000e-005
tblVehicleEF	SBUS	2.9260e-003	1.2420e-003
tblVehicleEF	SBUS	0.02	9.5120e-003
tblVehicleEF	SBUS	0.97	0.40
tblVehicleEF	SBUS	1.3050e-003	5.9000e-004
tblVehicleEF	SBUS	0.13	0.13
tblVehicleEF	SBUS	9.3510e-003	0.06
tblVehicleEF	SBUS	0.30	0.04
tblVehicleEF	SBUS	0.84	0.06
tblVehicleEF	SBUS	0.01	8.7140e-003
tblVehicleEF	SBUS	0.06	5.1550e-003
tblVehicleEF	SBUS	5.56	2.47
tblVehicleEF	SBUS	0.66	0.80
tblVehicleEF	SBUS	3.65	0.60
tblVehicleEF	SBUS	1,322.00	352.98
tblVehicleEF	SBUS	1,136.31	1,112.20
tblVehicleEF	SBUS	37.11	4.41
tblVehicleEF	SBUS	12.08	3.36
tblVehicleEF	SBUS	4.47	4.88
tblVehicleEF	SBUS	14.99	0.90
tblVehicleEF	SBUS	0.01	3.6810e-003

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tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	5.1700e-004	4.0000e-005
tblVehicleEF	SBUS	9.6490e-003	3.5220e-003
tblVehicleEF	SBUS	2.7560e-003	2.7010e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	4.7500e-004	3.6000e-005
tblVehicleEF	SBUS	5.6170e-003	2.2080e-003
tblVehicleEF	SBUS	0.02	9.9850e-003
tblVehicleEF	SBUS	0.67	0.28
tblVehicleEF	SBUS	2.8800e-003	1.1130e-003
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	8.5310e-003	0.06
tblVehicleEF	SBUS	0.22	0.03
tblVehicleEF	SBUS	0.01	3.3630e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	4.3500e-004	4.4000e-005
tblVehicleEF	SBUS	5.6170e-003	2.2080e-003
tblVehicleEF	SBUS	0.02	9.9850e-003
tblVehicleEF	SBUS	0.97	0.40
tblVehicleEF	SBUS	2.8800e-003	1.1130e-003
tblVehicleEF	SBUS	0.13	0.13
tblVehicleEF	SBUS	8.5310e-003	0.06
tblVehicleEF	SBUS	0.24	0.03
tblVehicleEF	SBUS	0.84	0.06
tblVehicleEF	SBUS	0.01	8.5760e-003
tblVehicleEF	SBUS	0.07	6.3440e-003

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tblVehicleEF	SBUS	5.91	2.56
tblVehicleEF	SBUS	0.65	0.78
tblVehicleEF	SBUS	5.37	0.86
tblVehicleEF	SBUS	1,169.92	334.13
tblVehicleEF	SBUS	1,136.31	1,112.17
tblVehicleEF	SBUS	37.11	4.85
tblVehicleEF	SBUS	11.19	3.19
tblVehicleEF	SBUS	4.69	5.12
tblVehicleEF	SBUS	15.02	0.91
tblVehicleEF	SBUS	0.01	5.2920e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	5.1700e-004	4.0000e-005
tblVehicleEF	SBUS	0.01	5.0630e-003
tblVehicleEF	SBUS	2.7560e-003	2.7010e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	4.7500e-004	3.6000e-005
tblVehicleEF	SBUS	2.9580e-003	1.2070e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.68	0.28
tblVehicleEF	SBUS	1.2820e-003	6.0100e-004
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	0.01	0.08
tblVehicleEF	SBUS	0.28	0.04
tblVehicleEF	SBUS	0.01	3.1850e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	4.6400e-004	4.8000e-005

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tblVehicleEF	SBUS	2.9580e-003	1.2070e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.98	0.40
tblVehicleEF	SBUS	1.2820e-003	6.0100e-004
tblVehicleEF	SBUS	0.13	0.13
tblVehicleEF	SBUS	0.01	0.08
tblVehicleEF	SBUS	0.31	0.04
tblVehicleEF	UBUS	1.83	4.45
tblVehicleEF	UBUS	0.08	0.01
tblVehicleEF	UBUS	9.26	34.75
tblVehicleEF	UBUS	14.34	0.89
tblVehicleEF	UBUS	1,846.39	1,692.13
tblVehicleEF	UBUS	136.37	11.77
tblVehicleEF	UBUS	5.87	0.38
tblVehicleEF	UBUS	13.57	0.14
tblVehicleEF	UBUS	0.52	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.07	2.6550e-003
tblVehicleEF	UBUS	1.4030e-003	1.4100e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	6.6220e-003
tblVehicleEF	UBUS	0.06	2.5280e-003
tblVehicleEF	UBUS	1.2900e-003	1.3000e-004
tblVehicleEF	UBUS	8.0860e-003	1.6780e-003
tblVehicleEF	UBUS	0.11	9.5390e-003
tblVehicleEF	UBUS	3.9450e-003	7.3700e-004
tblVehicleEF	UBUS	0.61	0.07

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tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	1.15	0.04
tblVehicleEF	UBUS	0.01	3.0250e-003
tblVehicleEF	UBUS	1.6240e-003	1.1700e-004
tblVehicleEF	UBUS	8.0860e-003	1.6780e-003
tblVehicleEF	UBUS	0.11	9.5390e-003
tblVehicleEF	UBUS	3.9450e-003	7.3700e-004
tblVehicleEF	UBUS	2.50	4.54
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	1.25	0.04
tblVehicleEF	UBUS	1.83	4.45
tblVehicleEF	UBUS	0.08	9.2350e-003
tblVehicleEF	UBUS	9.36	34.75
tblVehicleEF	UBUS	11.74	0.76
tblVehicleEF	UBUS	1,846.39	1,692.13
tblVehicleEF	UBUS	136.37	11.55
tblVehicleEF	UBUS	5.45	0.38
tblVehicleEF	UBUS	13.45	0.13
tblVehicleEF	UBUS	0.52	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.07	2.6550e-003
tblVehicleEF	UBUS	1.4030e-003	1.4100e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	6.6220e-003
tblVehicleEF	UBUS	0.06	2.5280e-003
tblVehicleEF	UBUS	1.2900e-003	1.3000e-004
tblVehicleEF	UBUS	0.02	3.0610e-003

Bridge Point Rancho Cucamonga (Operations - Trucks) - San Bernardino-South Coast County, Annual

tblVehicleEF	UBUS	0.14	0.01
tblVehicleEF	UBUS	9.3320e-003	1.4840e-003
tblVehicleEF	UBUS	0.62	0.07
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	1.02	0.03
tblVehicleEF	UBUS	0.01	3.0250e-003
tblVehicleEF	UBUS	1.5790e-003	1.1400e-004
tblVehicleEF	UBUS	0.02	3.0610e-003
tblVehicleEF	UBUS	0.14	0.01
tblVehicleEF	UBUS	9.3320e-003	1.4840e-003
tblVehicleEF	UBUS	2.52	4.54
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	1.12	0.04
tblVehicleEF	UBUS	1.83	4.45
tblVehicleEF	UBUS	0.08	0.01
tblVehicleEF	UBUS	9.27	34.75
tblVehicleEF	UBUS	13.86	0.90
tblVehicleEF	UBUS	1,846.39	1,692.13
tblVehicleEF	UBUS	136.37	11.80
tblVehicleEF	UBUS	5.76	0.38
tblVehicleEF	UBUS	13.55	0.14
tblVehicleEF	UBUS	0.52	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.07	2.6550e-003
tblVehicleEF	UBUS	1.4030e-003	1.4100e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	6.6220e-003

Bridge Point Rancho Cucamonga (Operations - Trucks) - San Bernardino-South Coast County, Annual

tblVehicleEF	UBUS	0.06	2.5280e-003
tblVehicleEF	UBUS	1.2900e-003	1.3000e-004
tblVehicleEF	UBUS	9.2250e-003	1.6870e-003
tblVehicleEF	UBUS	0.14	0.01
tblVehicleEF	UBUS	4.1190e-003	7.4500e-004
tblVehicleEF	UBUS	0.61	0.07
tblVehicleEF	UBUS	0.03	0.05
tblVehicleEF	UBUS	1.13	0.04
tblVehicleEF	UBUS	0.01	3.0250e-003
tblVehicleEF	UBUS	1.6160e-003	1.1700e-004
tblVehicleEF	UBUS	9.2250e-003	1.6870e-003
tblVehicleEF	UBUS	0.14	0.01
tblVehicleEF	UBUS	4.1190e-003	7.4500e-004
tblVehicleEF	UBUS	2.50	4.54
tblVehicleEF	UBUS	0.03	0.05
tblVehicleEF	UBUS	1.24	0.04
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CW_TL	16.60	40.00
tblVehicleTrips	CW_TL	16.60	40.00
tblVehicleTrips	CW_TTP	59.00	100.00
tblVehicleTrips	CW_TTP	59.00	100.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	92.00	100.00

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tblVehicleTrips	PR_TP	92.00	100.00
tblVehicleTrips	ST_TR	1.68	0.74
tblVehicleTrips	ST_TR	1.68	0.19
tblVehicleTrips	SU_TR	1.68	0.74
tblVehicleTrips	SU_TR	1.68	0.19
tblVehicleTrips	WD_TR	1.68	0.74
tblVehicleTrips	WD_TR	1.68	0.19
tblWater	IndoorWaterUseRate	50,296,875.00	0.00
tblWater	IndoorWaterUseRate	452,671,875.00	5,398,350.00

2.0 Emissions Summary

Bridge Point Rancho Cucamonga (Operations - Trucks) - San Bernardino-South Coast County, Annual

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Bridge Point Rancho Cucamonga (Operations - Trucks) - San Bernardino-South Coast County, Annual

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
		Highest		

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	8.9923	4.6000e-004	0.0506	0.0000		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	0.0982	0.0982	2.6000e-004	0.0000	0.1046
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4,011.2634	4,011.2634	0.1656	0.0343	4,025.6138
Mobile	0.7190	23.5002	6.1962	0.0950	3.3816	0.2185	3.6001	0.9510	0.2090	1.1600	0.0000	9,509.8899	9,509.8899	0.6527	0.0000	9,526.2077
Offroad	0.0415	0.3850	0.4211	5.6000e-004		0.0255	0.0255		0.0235	0.0235	0.0000	49.0163	49.0163	0.0159	0.0000	49.4127
Waste						0.0000	0.0000		0.0000	0.0000	415.0150	0.0000	415.0150	24.5267	0.0000	1,028.1822
Water						0.0000	0.0000		0.0000	0.0000	1.7127	22.3965	24.1092	0.1768	4.3400e-003	29.8247
Total	9.7528	23.8857	6.6679	0.0956	3.3816	0.2442	3.6258	0.9510	0.2327	1.1836	416.7277	13,592.6643	14,009.3920	25.5379	0.0386	14,659.3456

Bridge Point Rancho Cucamonga (Operations - Trucks) - San Bernardino-South Coast County, Annual

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	8.9923	4.6000e-004	0.0506	0.0000		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	0.0982	0.0982	2.6000e-004	0.0000	0.1046
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4,011.2634	4,011.2634	0.1656	0.0343	4,025.6138
Mobile	0.7190	23.5002	6.1962	0.0950	3.3816	0.2185	3.6001	0.9510	0.2090	1.1600	0.0000	9,509.8899	9,509.8899	0.6527	0.0000	9,526.2077
Offroad	0.0415	0.3850	0.4211	5.6000e-004		0.0255	0.0255		0.0235	0.0235	0.0000	49.0163	49.0163	0.0159	0.0000	49.4127
Waste						0.0000	0.0000		0.0000	0.0000	415.0150	0.0000	415.0150	24.5267	0.0000	1,028.1822
Water						0.0000	0.0000		0.0000	0.0000	1.7127	22.3965	24.1092	0.1768	4.3400e-003	29.8247
Total	9.7528	23.8857	6.6679	0.0956	3.3816	0.2442	3.6258	0.9510	0.2327	1.1836	416.7277	13,592.6643	14,009.3920	25.5379	0.0386	14,659.3456

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	10/5/2021	10/4/2021	5	0	

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Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 35.12

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Bridge Point Rancho Cucamonga (Operations - Trucks) - San Bernardino-South Coast County, Annual

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Bridge Point Rancho Cucamonga (Operations - Trucks) - San Bernardino-South Coast County, Annual

3.2 Demolition - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

Bridge Point Rancho Cucamonga (Operations - Trucks) - San Bernardino-South Coast County, Annual

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.7190	23.5002	6.1962	0.0950	3.3816	0.2185	3.6001	0.9510	0.2090	1.1600	0.0000	9,509.8899	9,509.8899	0.6527	0.0000	9,526.2077
Unmitigated	0.7190	23.5002	6.1962	0.0950	3.3816	0.2185	3.6001	0.9510	0.2090	1.1600	0.0000	9,509.8899	9,509.8899	0.6527	0.0000	9,526.2077

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Refrigerated Warehouse-No Rail	160.95	160.95	160.95	2,343,432	2,343,432
Unrefrigerated Warehouse-No Rail	371.93	371.93	371.93	5,415,228	5,415,228
Total	532.88	532.88	532.88	7,758,660	7,758,660

4.3 Trip Type Information

Bridge Point Rancho Cucamonga (Operations - Trucks) - San Bernardino-South Coast County, Annual

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Refrigerated Warehouse-No	40.00	8.40	6.90	100.00	0.00	0.00	100	0	0
Unrefrigerated Warehouse-No	40.00	8.40	6.90	100.00	0.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.553113	0.036408	0.180286	0.116335	0.016165	0.005101	0.018218	0.063797	0.001357	0.001565	0.005903	0.000808	0.000944
Other Non-Asphalt Surfaces	0.553113	0.036408	0.180286	0.116335	0.016165	0.005101	0.018218	0.063797	0.001357	0.001565	0.005903	0.000808	0.000944
Parking Lot	0.553113	0.036408	0.180286	0.116335	0.016165	0.005101	0.018218	0.063797	0.001357	0.001565	0.005903	0.000808	0.000944
Refrigerated Warehouse-No Rail	0.000000	0.000000	0.000000	0.000000	0.345700	0.000000	0.111100	0.543200	0.000000	0.000000	0.000000	0.000000	0.000000
Unrefrigerated Warehouse-No Rail	0.000000	0.000000	0.000000	0.000000	0.165800	0.000000	0.208600	0.625600	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Bridge Point Rancho Cucamonga (Operations - Trucks) - San Bernardino-South Coast County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	4,011.2634	4,011.2634	0.1656	0.0343	4,025.6138
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	4,011.2634	4,011.2634	0.1656	0.0343	4,025.6138
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Land Use	kBTU/yr	tons/yr										MT/yr						
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Bridge Point Rancho Cucamonga (Operations - Trucks) - San Bernardino-South Coast County, Annual

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Bridge Point Rancho Cucamonga (Operations - Trucks) - San Bernardino-South Coast County, Annual

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	405084	129.0685	5.3300e-003	1.1000e-003	129.5302
Refrigerated Warehouse-No Rail	8.4651e+006	2,697.1622	0.1114	0.0230	2,706.8114
Unrefrigerated Warehouse-No Rail	3.71925e+006	1,185.0327	0.0489	0.0101	1,189.2722
Total		4,011.2634	0.1656	0.0343	4,025.6138

Bridge Point Rancho Cucamonga (Operations - Trucks) - San Bernardino-South Coast County, Annual

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	405084	129.0685	5.3300e-003	1.1000e-003	129.5302
Refrigerated Warehouse-No Rail	8.4651e+006	2,697.1622	0.1114	0.0230	2,706.8114
Unrefrigerated Warehouse-No Rail	3.71925e+006	1,185.0327	0.0489	0.0101	1,189.2722
Total		4,011.2634	0.1656	0.0343	4,025.6138

6.0 Area Detail

6.1 Mitigation Measures Area

Bridge Point Rancho Cucamonga (Operations - Trucks) - San Bernardino-South Coast County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	8.9923	4.6000e-004	0.0506	0.0000		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	0.0982	0.0982	2.6000e-004	0.0000	0.1046
Unmitigated	8.9923	4.6000e-004	0.0506	0.0000		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	0.0982	0.0982	2.6000e-004	0.0000	0.1046

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	1.0294					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	7.9582					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	4.7000e-003	4.6000e-004	0.0506	0.0000		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	0.0982	0.0982	2.6000e-004	0.0000	0.1046
Total	8.9923	4.6000e-004	0.0506	0.0000		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	0.0982	0.0982	2.6000e-004	0.0000	0.1046

Bridge Point Rancho Cucamonga (Operations - Trucks) - San Bernardino-South Coast County, Annual

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	1.0294					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	7.9582					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	4.7000e-003	4.6000e-004	0.0506	0.0000		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	0.0982	0.0982	2.6000e-004	0.0000	0.1046
Total	8.9923	4.6000e-004	0.0506	0.0000		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	0.0982	0.0982	2.6000e-004	0.0000	0.1046

7.0 Water Detail

7.1 Mitigation Measures Water

Bridge Point Rancho Cucamonga (Operations - Trucks) - San Bernardino-South Coast County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	24.1092	0.1768	4.3400e-003	29.8247
Unmitigated	24.1092	0.1768	4.3400e-003	29.8247

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	5.39835 / 0	24.1092	0.1768	4.3400e-003	29.8247
Total		24.1092	0.1768	4.3400e-003	29.8247

Bridge Point Rancho Cucamonga (Operations - Trucks) - San Bernardino-South Coast County, Annual

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	5.39835 / 0	24.1092	0.1768	4.3400e-003	29.8247
Total		24.1092	0.1768	4.3400e-003	29.8247

8.0 Waste Detail

8.1 Mitigation Measures Waste

Bridge Point Rancho Cucamonga (Operations - Trucks) - San Bernardino-South Coast County, Annual

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	415.0150	24.5267	0.0000	1,028.182 2
Unmitigated	415.0150	24.5267	0.0000	1,028.182 2

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	204.45	41.5015	2.4527	0.0000	102.8182
Unrefrigerated Warehouse-No Rail	1840.05	373.5135	22.0740	0.0000	925.3639
Total		415.0150	24.5267	0.0000	1,028.182 2

Bridge Point Rancho Cucamonga (Operations - Trucks) - San Bernardino-South Coast County, Annual

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	204.45	41.5015	2.4527	0.0000	102.8182
Unrefrigerated Warehouse-No Rail	1840.05	373.5135	22.0740	0.0000	925.3639
Total		415.0150	24.5267	0.0000	1,028.1822

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
Forklifts	4	4.00	365	89	0.20	CNG

Bridge Point Rancho Cucamonga (Operations - Trucks) - San Bernardino-South Coast County, Annual

UnMitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	tons/yr										MT/yr					
Forklifts	0.0415	0.3850	0.4211	5.6000e-004		0.0255	0.0255		0.0235	0.0235	0.0000	49.0163	49.0163	0.0159	0.0000	49.4127
Total	0.0415	0.3850	0.4211	5.6000e-004		0.0255	0.0255		0.0235	0.0235	0.0000	49.0163	49.0163	0.0159	0.0000	49.4127

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
----------------	--------	-----------	------------	-------------	-------------	-----------

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
----------------	--------	----------------	-----------------	---------------	-----------

User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

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APPENDIX 4.4:

CALEEMOD EXISTING ANNUAL OPERATIONAL EMISSIONS MODEL OUTPUTS

Bridge Point (Existing Operations - Passenger Cars) - San Bernardino-South Coast County, Annual

Bridge Point (Existing Operations - Passenger Cars)
San Bernardino-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	1,431.00	1000sqft	32.85	1,431,000.00	0
Free-Standing Discount Store	23.24	1000sqft	0.53	23,240.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	32
Climate Zone	10			Operational Year	2022
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	702.44	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Bridge Point (Existing Operations - Passenger Cars) - San Bernardino-South Coast County, Annual

Project Characteristics -

Land Use -

Construction Phase - Operations Run Only.

Off-road Equipment - Operations Run Only.

Trips and VMT - Operations Run Only.

Vehicle Trips - Trip Characteristics based on information provided in the Bridge Point Rancho Cucamonga Traffic Analysis by Urban Crossroads, Inc.

Energy Use - Existing Energy Usage based on information provided by the Project Applicant.

Water And Wastewater - Based on the WSA, the the Existing Water Demand is 10,184 gpd.

Fleet Mix - Passenger Car Fleet Mix estimated based on the ratio of the vehicle classes in CalEEMod default fleet mix.

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	30.00	0.00
tblEnergyUse	LightingElect	5.61	0.00
tblEnergyUse	LightingElect	1.17	0.00
tblEnergyUse	NT24E	2.44	0.00
tblEnergyUse	NT24E	0.82	0.00
tblEnergyUse	NT24NG	0.30	0.00
tblEnergyUse	NT24NG	0.03	0.00
tblEnergyUse	T24E	4.58	4.26
tblEnergyUse	T24E	0.37	4.26
tblEnergyUse	T24NG	1.92	68.24
tblEnergyUse	T24NG	2.00	68.24
tblFleetMix	HHD	0.06	0.00
tblFleetMix	LDA	0.55	0.62

Bridge Point (Existing Operations - Passenger Cars) - San Bernardino-South Coast County, Annual

tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT2	0.18	0.20
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD2	5.1010e-003	0.00
tblFleetMix	MCY	5.9030e-003	0.00
tblFleetMix	MDV	0.12	0.13
tblFleetMix	MH	9.4400e-004	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	1.3570e-003	0.00
tblFleetMix	SBUS	8.0800e-004	0.00
tblFleetMix	UBUS	1.5650e-003	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblVehicleEF	HHD	1.21	0.03
tblVehicleEF	HHD	0.04	0.14
tblVehicleEF	HHD	0.10	0.00
tblVehicleEF	HHD	3.29	5.95
tblVehicleEF	HHD	0.57	0.67
tblVehicleEF	HHD	1.82	3.7880e-003
tblVehicleEF	HHD	6,933.41	1,124.17
tblVehicleEF	HHD	1,475.79	1,484.27
tblVehicleEF	HHD	5.54	0.03
tblVehicleEF	HHD	26.50	6.08
tblVehicleEF	HHD	2.50	3.42
tblVehicleEF	HHD	20.21	2.10
tblVehicleEF	HHD	9.7780e-003	3.6280e-003

Bridge Point (Existing Operations - Passenger Cars) - San Bernardino-South Coast County, Annual

tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.01	0.03
tblVehicleEF	HHD	5.1000e-005	1.0000e-006
tblVehicleEF	HHD	9.3550e-003	3.4710e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8810e-003	8.8310e-003
tblVehicleEF	HHD	0.01	0.03
tblVehicleEF	HHD	4.7000e-005	1.0000e-006
tblVehicleEF	HHD	8.5000e-005	5.0000e-006
tblVehicleEF	HHD	3.1910e-003	1.6000e-004
tblVehicleEF	HHD	0.84	0.43
tblVehicleEF	HHD	5.2000e-005	3.0000e-006
tblVehicleEF	HHD	0.08	0.08
tblVehicleEF	HHD	2.1700e-004	7.9100e-004
tblVehicleEF	HHD	0.05	1.0000e-006
tblVehicleEF	HHD	0.07	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	8.6000e-005	0.00
tblVehicleEF	HHD	8.5000e-005	5.0000e-006
tblVehicleEF	HHD	3.1910e-003	1.6000e-004
tblVehicleEF	HHD	0.97	0.50
tblVehicleEF	HHD	5.2000e-005	3.0000e-006
tblVehicleEF	HHD	0.13	0.23
tblVehicleEF	HHD	2.1700e-004	7.9100e-004
tblVehicleEF	HHD	0.06	1.0000e-006
tblVehicleEF	HHD	1.14	0.03

Bridge Point (Existing Operations - Passenger Cars) - San Bernardino-South Coast County, Annual

tblVehicleEF	HHD	0.04	0.14
tblVehicleEF	HHD	0.09	0.00
tblVehicleEF	HHD	2.39	5.82
tblVehicleEF	HHD	0.57	0.67
tblVehicleEF	HHD	1.70	3.5770e-003
tblVehicleEF	HHD	7,345.18	1,121.04
tblVehicleEF	HHD	1,475.79	1,484.27
tblVehicleEF	HHD	5.54	0.03
tblVehicleEF	HHD	27.35	5.90
tblVehicleEF	HHD	2.36	3.23
tblVehicleEF	HHD	20.20	2.10
tblVehicleEF	HHD	8.2750e-003	3.1750e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.01	0.03
tblVehicleEF	HHD	5.1000e-005	1.0000e-006
tblVehicleEF	HHD	7.9170e-003	3.0380e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8810e-003	8.8310e-003
tblVehicleEF	HHD	0.01	0.03
tblVehicleEF	HHD	4.7000e-005	1.0000e-006
tblVehicleEF	HHD	1.6800e-004	1.0000e-005
tblVehicleEF	HHD	3.5970e-003	1.8200e-004
tblVehicleEF	HHD	0.79	0.45
tblVehicleEF	HHD	1.1700e-004	7.0000e-006
tblVehicleEF	HHD	0.08	0.08
tblVehicleEF	HHD	2.2100e-004	8.1200e-004

Bridge Point (Existing Operations - Passenger Cars) - San Bernardino-South Coast County, Annual

tblVehicleEF	HHD	0.05	1.0000e-006
tblVehicleEF	HHD	0.07	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	8.4000e-005	0.00
tblVehicleEF	HHD	1.6800e-004	1.0000e-005
tblVehicleEF	HHD	3.5970e-003	1.8200e-004
tblVehicleEF	HHD	0.91	0.52
tblVehicleEF	HHD	1.1700e-004	7.0000e-006
tblVehicleEF	HHD	0.13	0.23
tblVehicleEF	HHD	2.2100e-004	8.1200e-004
tblVehicleEF	HHD	0.06	1.0000e-006
tblVehicleEF	HHD	1.31	0.02
tblVehicleEF	HHD	0.04	3.3680e-003
tblVehicleEF	HHD	0.10	0.00
tblVehicleEF	HHD	4.53	5.98
tblVehicleEF	HHD	0.57	0.33
tblVehicleEF	HHD	1.79	3.7590e-003
tblVehicleEF	HHD	6,364.76	1,097.48
tblVehicleEF	HHD	1,475.79	1,393.36
tblVehicleEF	HHD	5.54	0.03
tblVehicleEF	HHD	25.32	6.13
tblVehicleEF	HHD	2.46	3.28
tblVehicleEF	HHD	20.20	2.10
tblVehicleEF	HHD	0.01	3.8650e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.03
tblVehicleEF	HHD	0.01	0.03

Bridge Point (Existing Operations - Passenger Cars) - San Bernardino-South Coast County, Annual

tblVehicleEF	HHD	5.1000e-005	1.0000e-006
tblVehicleEF	HHD	0.01	3.6980e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8810e-003	8.6000e-003
tblVehicleEF	HHD	0.01	0.03
tblVehicleEF	HHD	4.7000e-005	1.0000e-006
tblVehicleEF	HHD	8.5000e-005	5.0000e-006
tblVehicleEF	HHD	3.4760e-003	1.8700e-004
tblVehicleEF	HHD	0.91	0.40
tblVehicleEF	HHD	5.2000e-005	3.0000e-006
tblVehicleEF	HHD	0.08	0.07
tblVehicleEF	HHD	2.3300e-004	8.2900e-004
tblVehicleEF	HHD	0.05	1.0000e-006
tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	8.5000e-005	0.00
tblVehicleEF	HHD	8.5000e-005	5.0000e-006
tblVehicleEF	HHD	3.4760e-003	1.8700e-004
tblVehicleEF	HHD	1.05	0.46
tblVehicleEF	HHD	5.2000e-005	3.0000e-006
tblVehicleEF	HHD	0.13	0.08
tblVehicleEF	HHD	2.3300e-004	8.2900e-004
tblVehicleEF	HHD	0.06	1.0000e-006
tblVehicleEF	LDA	4.2030e-003	2.5110e-003
tblVehicleEF	LDA	5.6230e-003	0.05
tblVehicleEF	LDA	0.57	0.67
tblVehicleEF	LDA	1.19	2.11

Bridge Point (Existing Operations - Passenger Cars) - San Bernardino-South Coast County, Annual

tblVehicleEF	LDA	251.29	265.15
tblVehicleEF	LDA	57.15	54.12
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.08	0.18
tblVehicleEF	LDA	1.6780e-003	1.5210e-003
tblVehicleEF	LDA	2.2790e-003	1.8570e-003
tblVehicleEF	LDA	1.5460e-003	1.4000e-003
tblVehicleEF	LDA	2.0960e-003	1.7080e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.01	9.5370e-003
tblVehicleEF	LDA	0.03	0.21
tblVehicleEF	LDA	0.08	0.22
tblVehicleEF	LDA	2.5170e-003	2.6060e-003
tblVehicleEF	LDA	5.9200e-004	5.3200e-004
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.02	0.01
tblVehicleEF	LDA	0.03	0.21
tblVehicleEF	LDA	0.08	0.24
tblVehicleEF	LDA	4.7900e-003	2.8350e-003
tblVehicleEF	LDA	4.6890e-003	0.04
tblVehicleEF	LDA	0.71	0.81
tblVehicleEF	LDA	0.99	1.78
tblVehicleEF	LDA	274.94	287.11

Bridge Point (Existing Operations - Passenger Cars) - San Bernardino-South Coast County, Annual

tblVehicleEF	LDA	57.15	53.48
tblVehicleEF	LDA	0.05	0.03
tblVehicleEF	LDA	0.07	0.17
tblVehicleEF	LDA	1.6780e-003	1.5210e-003
tblVehicleEF	LDA	2.2790e-003	1.8570e-003
tblVehicleEF	LDA	1.5460e-003	1.4000e-003
tblVehicleEF	LDA	2.0960e-003	1.7080e-003
tblVehicleEF	LDA	0.09	0.11
tblVehicleEF	LDA	0.12	0.11
tblVehicleEF	LDA	0.07	0.09
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.03	0.21
tblVehicleEF	LDA	0.06	0.19
tblVehicleEF	LDA	2.7550e-003	2.8220e-003
tblVehicleEF	LDA	5.8800e-004	5.2600e-004
tblVehicleEF	LDA	0.09	0.11
tblVehicleEF	LDA	0.12	0.11
tblVehicleEF	LDA	0.07	0.09
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.03	0.21
tblVehicleEF	LDA	0.07	0.21
tblVehicleEF	LDA	4.0860e-003	2.4590e-003
tblVehicleEF	LDA	5.5870e-003	0.05
tblVehicleEF	LDA	0.54	0.64
tblVehicleEF	LDA	1.18	2.12
tblVehicleEF	LDA	245.70	261.06
tblVehicleEF	LDA	57.15	54.13

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tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.08	0.18
tblVehicleEF	LDA	1.6780e-003	1.5210e-003
tblVehicleEF	LDA	2.2790e-003	1.8570e-003
tblVehicleEF	LDA	1.5460e-003	1.4000e-003
tblVehicleEF	LDA	2.0960e-003	1.7080e-003
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.11	0.11
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.01	9.3400e-003
tblVehicleEF	LDA	0.04	0.24
tblVehicleEF	LDA	0.08	0.22
tblVehicleEF	LDA	2.4600e-003	2.5660e-003
tblVehicleEF	LDA	5.9100e-004	5.3200e-004
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.11	0.11
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.24
tblVehicleEF	LDA	0.08	0.24
tblVehicleEF	LDT1	0.01	7.5760e-003
tblVehicleEF	LDT1	0.02	0.08
tblVehicleEF	LDT1	1.54	1.52
tblVehicleEF	LDT1	3.61	2.39
tblVehicleEF	LDT1	313.68	314.63
tblVehicleEF	LDT1	70.93	65.70
tblVehicleEF	LDT1	0.16	0.13

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tblVehicleEF	LDT1	0.22	0.30
tblVehicleEF	LDT1	2.7050e-003	2.3430e-003
tblVehicleEF	LDT1	3.6920e-003	2.8390e-003
tblVehicleEF	LDT1	2.4910e-003	2.1560e-003
tblVehicleEF	LDT1	3.3960e-003	2.6100e-003
tblVehicleEF	LDT1	0.18	0.19
tblVehicleEF	LDT1	0.33	0.26
tblVehicleEF	LDT1	0.13	0.14
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.20	0.86
tblVehicleEF	LDT1	0.26	0.42
tblVehicleEF	LDT1	3.1570e-003	3.0930e-003
tblVehicleEF	LDT1	7.7300e-004	6.4600e-004
tblVehicleEF	LDT1	0.18	0.19
tblVehicleEF	LDT1	0.33	0.26
tblVehicleEF	LDT1	0.13	0.14
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.20	0.86
tblVehicleEF	LDT1	0.28	0.47
tblVehicleEF	LDT1	0.02	8.4640e-003
tblVehicleEF	LDT1	0.02	0.07
tblVehicleEF	LDT1	1.85	1.81
tblVehicleEF	LDT1	2.97	2.00
tblVehicleEF	LDT1	341.75	337.48
tblVehicleEF	LDT1	70.93	64.87
tblVehicleEF	LDT1	0.14	0.11
tblVehicleEF	LDT1	0.20	0.28

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tblVehicleEF	LDT1	2.7050e-003	2.3430e-003
tblVehicleEF	LDT1	3.6920e-003	2.8390e-003
tblVehicleEF	LDT1	2.4910e-003	2.1560e-003
tblVehicleEF	LDT1	3.3960e-003	2.6100e-003
tblVehicleEF	LDT1	0.37	0.36
tblVehicleEF	LDT1	0.41	0.31
tblVehicleEF	LDT1	0.27	0.26
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.20	0.85
tblVehicleEF	LDT1	0.21	0.36
tblVehicleEF	LDT1	3.4420e-003	3.3180e-003
tblVehicleEF	LDT1	7.6200e-004	6.3800e-004
tblVehicleEF	LDT1	0.37	0.36
tblVehicleEF	LDT1	0.41	0.31
tblVehicleEF	LDT1	0.27	0.26
tblVehicleEF	LDT1	0.06	0.05
tblVehicleEF	LDT1	0.20	0.85
tblVehicleEF	LDT1	0.23	0.40
tblVehicleEF	LDT1	0.01	7.4310e-003
tblVehicleEF	LDT1	0.02	0.08
tblVehicleEF	LDT1	1.47	1.47
tblVehicleEF	LDT1	3.55	2.39
tblVehicleEF	LDT1	307.06	310.38
tblVehicleEF	LDT1	70.93	65.71
tblVehicleEF	LDT1	0.15	0.12
tblVehicleEF	LDT1	0.21	0.29
tblVehicleEF	LDT1	2.7050e-003	2.3430e-003

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tblVehicleEF	LDT1	3.6920e-003	2.8390e-003
tblVehicleEF	LDT1	2.4910e-003	2.1560e-003
tblVehicleEF	LDT1	3.3960e-003	2.6100e-003
tblVehicleEF	LDT1	0.19	0.19
tblVehicleEF	LDT1	0.39	0.30
tblVehicleEF	LDT1	0.12	0.13
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.23	1.00
tblVehicleEF	LDT1	0.25	0.43
tblVehicleEF	LDT1	3.0890e-003	3.0520e-003
tblVehicleEF	LDT1	7.7200e-004	6.4600e-004
tblVehicleEF	LDT1	0.19	0.19
tblVehicleEF	LDT1	0.39	0.30
tblVehicleEF	LDT1	0.12	0.13
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.23	1.00
tblVehicleEF	LDT1	0.28	0.47
tblVehicleEF	LDT2	6.3270e-003	4.4090e-003
tblVehicleEF	LDT2	8.1990e-003	0.07
tblVehicleEF	LDT2	0.80	1.00
tblVehicleEF	LDT2	1.67	2.71
tblVehicleEF	LDT2	351.15	335.59
tblVehicleEF	LDT2	79.39	70.25
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.14	0.30
tblVehicleEF	LDT2	1.7270e-003	1.6010e-003
tblVehicleEF	LDT2	2.4170e-003	1.9240e-003

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tblVehicleEF	LDT2	1.5880e-003	1.4740e-003
tblVehicleEF	LDT2	2.2220e-003	1.7690e-003
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.13	0.14
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.45
tblVehicleEF	LDT2	0.11	0.33
tblVehicleEF	LDT2	3.5180e-003	3.2990e-003
tblVehicleEF	LDT2	8.2200e-004	6.9100e-004
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.13	0.14
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.07	0.45
tblVehicleEF	LDT2	0.12	0.36
tblVehicleEF	LDT2	7.1840e-003	4.9540e-003
tblVehicleEF	LDT2	6.8290e-003	0.06
tblVehicleEF	LDT2	0.97	1.20
tblVehicleEF	LDT2	1.38	2.28
tblVehicleEF	LDT2	383.36	357.71
tblVehicleEF	LDT2	79.39	69.39
tblVehicleEF	LDT2	0.08	0.08
tblVehicleEF	LDT2	0.13	0.28
tblVehicleEF	LDT2	1.7270e-003	1.6010e-003
tblVehicleEF	LDT2	2.4170e-003	1.9240e-003
tblVehicleEF	LDT2	1.5880e-003	1.4740e-003

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tblVehicleEF	LDT2	2.2220e-003	1.7690e-003
tblVehicleEF	LDT2	0.13	0.18
tblVehicleEF	LDT2	0.15	0.16
tblVehicleEF	LDT2	0.11	0.15
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.45
tblVehicleEF	LDT2	0.09	0.29
tblVehicleEF	LDT2	3.8420e-003	3.5160e-003
tblVehicleEF	LDT2	8.1700e-004	6.8200e-004
tblVehicleEF	LDT2	0.13	0.18
tblVehicleEF	LDT2	0.15	0.16
tblVehicleEF	LDT2	0.11	0.15
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.07	0.45
tblVehicleEF	LDT2	0.10	0.31
tblVehicleEF	LDT2	6.1560e-003	4.3220e-003
tblVehicleEF	LDT2	8.1410e-003	0.07
tblVehicleEF	LDT2	0.75	0.96
tblVehicleEF	LDT2	1.64	2.72
tblVehicleEF	LDT2	343.55	331.47
tblVehicleEF	LDT2	79.39	70.27
tblVehicleEF	LDT2	0.08	0.08
tblVehicleEF	LDT2	0.14	0.30
tblVehicleEF	LDT2	1.7270e-003	1.6010e-003
tblVehicleEF	LDT2	2.4170e-003	1.9240e-003
tblVehicleEF	LDT2	1.5880e-003	1.4740e-003
tblVehicleEF	LDT2	2.2220e-003	1.7690e-003

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tblVehicleEF	LDT2	0.06	0.09
tblVehicleEF	LDT2	0.14	0.16
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.08	0.52
tblVehicleEF	LDT2	0.11	0.33
tblVehicleEF	LDT2	3.4410e-003	3.2580e-003
tblVehicleEF	LDT2	8.2200e-004	6.9100e-004
tblVehicleEF	LDT2	0.06	0.09
tblVehicleEF	LDT2	0.14	0.16
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.08	0.52
tblVehicleEF	LDT2	0.12	0.37
tblVehicleEF	LHD1	5.2170e-003	5.0850e-003
tblVehicleEF	LHD1	0.01	6.1020e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	1.07	0.75
tblVehicleEF	LHD1	2.60	1.03
tblVehicleEF	LHD1	9.23	9.25
tblVehicleEF	LHD1	609.20	652.45
tblVehicleEF	LHD1	30.40	11.21
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	2.12	1.25
tblVehicleEF	LHD1	0.99	0.32
tblVehicleEF	LHD1	9.6500e-004	8.9000e-004

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tblVehicleEF	LHD1	0.01	9.8770e-003
tblVehicleEF	LHD1	0.01	9.8260e-003
tblVehicleEF	LHD1	9.5800e-004	2.6000e-004
tblVehicleEF	LHD1	9.2400e-004	8.5100e-004
tblVehicleEF	LHD1	2.5390e-003	2.4690e-003
tblVehicleEF	LHD1	0.01	9.3750e-003
tblVehicleEF	LHD1	8.8100e-004	2.3900e-004
tblVehicleEF	LHD1	3.7070e-003	3.0390e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.8240e-003	1.5810e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.35	0.55
tblVehicleEF	LHD1	0.27	0.08
tblVehicleEF	LHD1	9.2000e-005	9.0000e-005
tblVehicleEF	LHD1	5.9760e-003	6.3570e-003
tblVehicleEF	LHD1	3.5300e-004	1.1100e-004
tblVehicleEF	LHD1	3.7070e-003	3.0390e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.8240e-003	1.5810e-003
tblVehicleEF	LHD1	0.10	0.08
tblVehicleEF	LHD1	0.35	0.55
tblVehicleEF	LHD1	0.29	0.09
tblVehicleEF	LHD1	5.2170e-003	5.0990e-003
tblVehicleEF	LHD1	0.01	6.2280e-003
tblVehicleEF	LHD1	0.02	0.02

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tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	1.09	0.76
tblVehicleEF	LHD1	2.43	0.98
tblVehicleEF	LHD1	9.23	9.25
tblVehicleEF	LHD1	609.20	652.47
tblVehicleEF	LHD1	30.40	11.12
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	1.98	1.17
tblVehicleEF	LHD1	0.94	0.31
tblVehicleEF	LHD1	9.6500e-004	8.9000e-004
tblVehicleEF	LHD1	0.01	9.8770e-003
tblVehicleEF	LHD1	0.01	9.8260e-003
tblVehicleEF	LHD1	9.5800e-004	2.6000e-004
tblVehicleEF	LHD1	9.2400e-004	8.5100e-004
tblVehicleEF	LHD1	2.5390e-003	2.4690e-003
tblVehicleEF	LHD1	0.01	9.3750e-003
tblVehicleEF	LHD1	8.8100e-004	2.3900e-004
tblVehicleEF	LHD1	7.3080e-003	5.4780e-003
tblVehicleEF	LHD1	0.13	0.10
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	4.1220e-003	3.0450e-003
tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	0.36	0.56
tblVehicleEF	LHD1	0.25	0.08
tblVehicleEF	LHD1	9.2000e-005	9.0000e-005
tblVehicleEF	LHD1	5.9770e-003	6.3570e-003
tblVehicleEF	LHD1	3.5000e-004	1.1000e-004

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tblVehicleEF	LHD1	7.3080e-003	5.4780e-003
tblVehicleEF	LHD1	0.13	0.10
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	4.1220e-003	3.0450e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.36	0.56
tblVehicleEF	LHD1	0.28	0.08
tblVehicleEF	LHD1	5.2170e-003	5.0870e-003
tblVehicleEF	LHD1	0.01	6.1100e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	1.07	0.75
tblVehicleEF	LHD1	2.55	1.02
tblVehicleEF	LHD1	9.23	9.25
tblVehicleEF	LHD1	609.20	652.45
tblVehicleEF	LHD1	30.40	11.20
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	2.08	1.23
tblVehicleEF	LHD1	0.97	0.31
tblVehicleEF	LHD1	9.6500e-004	8.9000e-004
tblVehicleEF	LHD1	0.01	9.8770e-003
tblVehicleEF	LHD1	0.01	9.8260e-003
tblVehicleEF	LHD1	9.5800e-004	2.6000e-004
tblVehicleEF	LHD1	9.2400e-004	8.5100e-004
tblVehicleEF	LHD1	2.5390e-003	2.4690e-003
tblVehicleEF	LHD1	0.01	9.3750e-003
tblVehicleEF	LHD1	8.8100e-004	2.3900e-004

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tblVehicleEF	LHD1	4.0430e-003	3.1520e-003
tblVehicleEF	LHD1	0.13	0.10
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.7940e-003	1.6100e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.38	0.60
tblVehicleEF	LHD1	0.26	0.08
tblVehicleEF	LHD1	9.2000e-005	9.0000e-005
tblVehicleEF	LHD1	5.9760e-003	6.3570e-003
tblVehicleEF	LHD1	3.5200e-004	1.1100e-004
tblVehicleEF	LHD1	4.0430e-003	3.1520e-003
tblVehicleEF	LHD1	0.13	0.10
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.7940e-003	1.6100e-003
tblVehicleEF	LHD1	0.10	0.08
tblVehicleEF	LHD1	0.38	0.60
tblVehicleEF	LHD1	0.29	0.09
tblVehicleEF	LHD2	3.5950e-003	3.6950e-003
tblVehicleEF	LHD2	4.6110e-003	4.1040e-003
tblVehicleEF	LHD2	8.1370e-003	0.01
tblVehicleEF	LHD2	0.12	0.15
tblVehicleEF	LHD2	0.50	0.50
tblVehicleEF	LHD2	1.20	0.67
tblVehicleEF	LHD2	14.27	14.14
tblVehicleEF	LHD2	608.52	665.25
tblVehicleEF	LHD2	24.46	8.76
tblVehicleEF	LHD2	0.11	0.10

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tblVehicleEF	LHD2	1.49	1.36
tblVehicleEF	LHD2	0.53	0.22
tblVehicleEF	LHD2	1.2830e-003	1.3100e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.0000e-004	1.3700e-004
tblVehicleEF	LHD2	1.2280e-003	1.2540e-003
tblVehicleEF	LHD2	2.6860e-003	2.6560e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.6800e-004	1.2600e-004
tblVehicleEF	LHD2	1.3070e-003	1.7040e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	7.0300e-004	9.2000e-004
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.09	0.32
tblVehicleEF	LHD2	0.11	0.05
tblVehicleEF	LHD2	1.3900e-004	1.3500e-004
tblVehicleEF	LHD2	5.9200e-003	6.4300e-003
tblVehicleEF	LHD2	2.6700e-004	8.7000e-005
tblVehicleEF	LHD2	1.3070e-003	1.7040e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.0300e-004	9.2000e-004
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.09	0.32
tblVehicleEF	LHD2	0.12	0.06

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tblVehicleEF	LHD2	3.5950e-003	3.7050e-003
tblVehicleEF	LHD2	4.6760e-003	4.1460e-003
tblVehicleEF	LHD2	7.7630e-003	0.01
tblVehicleEF	LHD2	0.12	0.15
tblVehicleEF	LHD2	0.50	0.50
tblVehicleEF	LHD2	1.13	0.64
tblVehicleEF	LHD2	14.27	14.14
tblVehicleEF	LHD2	608.52	665.25
tblVehicleEF	LHD2	24.46	8.70
tblVehicleEF	LHD2	0.11	0.10
tblVehicleEF	LHD2	1.40	1.28
tblVehicleEF	LHD2	0.50	0.21
tblVehicleEF	LHD2	1.2830e-003	1.3100e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.0000e-004	1.3700e-004
tblVehicleEF	LHD2	1.2280e-003	1.2540e-003
tblVehicleEF	LHD2	2.6860e-003	2.6560e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.6800e-004	1.2600e-004
tblVehicleEF	LHD2	2.5220e-003	3.0730e-003
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.5220e-003	1.7630e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.09	0.32
tblVehicleEF	LHD2	0.10	0.05

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tblVehicleEF	LHD2	1.3900e-004	1.3500e-004
tblVehicleEF	LHD2	5.9200e-003	6.4300e-003
tblVehicleEF	LHD2	2.6500e-004	8.6000e-005
tblVehicleEF	LHD2	2.5220e-003	3.0730e-003
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.5220e-003	1.7630e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.09	0.32
tblVehicleEF	LHD2	0.11	0.05
tblVehicleEF	LHD2	3.5950e-003	3.6960e-003
tblVehicleEF	LHD2	4.6180e-003	4.1080e-003
tblVehicleEF	LHD2	8.0640e-003	0.01
tblVehicleEF	LHD2	0.12	0.15
tblVehicleEF	LHD2	0.50	0.50
tblVehicleEF	LHD2	1.19	0.67
tblVehicleEF	LHD2	14.27	14.14
tblVehicleEF	LHD2	608.52	665.25
tblVehicleEF	LHD2	24.46	8.75
tblVehicleEF	LHD2	0.11	0.10
tblVehicleEF	LHD2	1.46	1.33
tblVehicleEF	LHD2	0.52	0.22
tblVehicleEF	LHD2	1.2830e-003	1.3100e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.0000e-004	1.3700e-004
tblVehicleEF	LHD2	1.2280e-003	1.2540e-003

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tblVehicleEF	LHD2	2.6860e-003	2.6560e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.6800e-004	1.2600e-004
tblVehicleEF	LHD2	1.3460e-003	1.7140e-003
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	6.8700e-004	9.2200e-004
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.10	0.34
tblVehicleEF	LHD2	0.11	0.05
tblVehicleEF	LHD2	1.3900e-004	1.3500e-004
tblVehicleEF	LHD2	5.9200e-003	6.4300e-003
tblVehicleEF	LHD2	2.6600e-004	8.7000e-005
tblVehicleEF	LHD2	1.3460e-003	1.7140e-003
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.8700e-004	9.2200e-004
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.10	0.34
tblVehicleEF	LHD2	0.12	0.06
tblVehicleEF	MCY	0.43	0.34
tblVehicleEF	MCY	0.16	0.24
tblVehicleEF	MCY	20.55	19.26
tblVehicleEF	MCY	9.93	8.60
tblVehicleEF	MCY	167.73	212.03
tblVehicleEF	MCY	46.45	60.73
tblVehicleEF	MCY	1.16	1.13

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tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	1.8610e-003	1.9650e-003
tblVehicleEF	MCY	3.6730e-003	2.9600e-003
tblVehicleEF	MCY	1.7420e-003	1.8380e-003
tblVehicleEF	MCY	3.4650e-003	2.7870e-003
tblVehicleEF	MCY	1.45	1.42
tblVehicleEF	MCY	0.84	0.80
tblVehicleEF	MCY	0.80	0.78
tblVehicleEF	MCY	2.23	2.33
tblVehicleEF	MCY	0.49	1.91
tblVehicleEF	MCY	2.16	1.84
tblVehicleEF	MCY	2.0770e-003	2.0980e-003
tblVehicleEF	MCY	6.9000e-004	6.0100e-004
tblVehicleEF	MCY	1.45	1.42
tblVehicleEF	MCY	0.84	0.80
tblVehicleEF	MCY	0.80	0.78
tblVehicleEF	MCY	2.74	2.87
tblVehicleEF	MCY	0.49	1.91
tblVehicleEF	MCY	2.35	2.01
tblVehicleEF	MCY	0.42	0.34
tblVehicleEF	MCY	0.14	0.21
tblVehicleEF	MCY	20.68	19.28
tblVehicleEF	MCY	9.05	7.90
tblVehicleEF	MCY	167.73	211.90
tblVehicleEF	MCY	46.45	58.88
tblVehicleEF	MCY	0.99	0.97
tblVehicleEF	MCY	0.29	0.25

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tblVehicleEF	MCY	1.8610e-003	1.9650e-003
tblVehicleEF	MCY	3.6730e-003	2.9600e-003
tblVehicleEF	MCY	1.7420e-003	1.8380e-003
tblVehicleEF	MCY	3.4650e-003	2.7870e-003
tblVehicleEF	MCY	3.14	2.77
tblVehicleEF	MCY	1.27	1.11
tblVehicleEF	MCY	2.13	1.77
tblVehicleEF	MCY	2.17	2.28
tblVehicleEF	MCY	0.49	1.88
tblVehicleEF	MCY	1.86	1.62
tblVehicleEF	MCY	2.0770e-003	2.0970e-003
tblVehicleEF	MCY	6.6700e-004	5.8300e-004
tblVehicleEF	MCY	3.14	2.77
tblVehicleEF	MCY	1.27	1.11
tblVehicleEF	MCY	2.13	1.77
tblVehicleEF	MCY	2.67	2.81
tblVehicleEF	MCY	0.49	1.88
tblVehicleEF	MCY	2.02	1.76
tblVehicleEF	MCY	0.42	0.34
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	19.63	18.76
tblVehicleEF	MCY	9.55	8.44
tblVehicleEF	MCY	167.73	211.17
tblVehicleEF	MCY	46.45	60.38
tblVehicleEF	MCY	1.12	1.09
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	1.8610e-003	1.9650e-003

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tblVehicleEF	MCY	3.6730e-003	2.9600e-003
tblVehicleEF	MCY	1.7420e-003	1.8380e-003
tblVehicleEF	MCY	3.4650e-003	2.7870e-003
tblVehicleEF	MCY	1.71	1.57
tblVehicleEF	MCY	1.13	1.06
tblVehicleEF	MCY	0.72	0.74
tblVehicleEF	MCY	2.19	2.31
tblVehicleEF	MCY	0.56	2.18
tblVehicleEF	MCY	2.08	1.81
tblVehicleEF	MCY	2.0610e-003	2.0900e-003
tblVehicleEF	MCY	6.8200e-004	5.9800e-004
tblVehicleEF	MCY	1.71	1.57
tblVehicleEF	MCY	1.13	1.06
tblVehicleEF	MCY	0.72	0.74
tblVehicleEF	MCY	2.69	2.84
tblVehicleEF	MCY	0.56	2.18
tblVehicleEF	MCY	2.27	1.98
tblVehicleEF	MDV	0.01	5.5200e-003
tblVehicleEF	MDV	0.02	0.09
tblVehicleEF	MDV	1.35	1.14
tblVehicleEF	MDV	3.25	3.25
tblVehicleEF	MDV	483.94	415.10
tblVehicleEF	MDV	107.92	87.32
tblVehicleEF	MDV	0.17	0.11
tblVehicleEF	MDV	0.32	0.38
tblVehicleEF	MDV	1.8260e-003	1.6850e-003
tblVehicleEF	MDV	2.5170e-003	2.0310e-003

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tblVehicleEF	MDV	1.6830e-003	1.5540e-003
tblVehicleEF	MDV	2.3150e-003	1.8680e-003
tblVehicleEF	MDV	0.10	0.11
tblVehicleEF	MDV	0.20	0.17
tblVehicleEF	MDV	0.08	0.10
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.50
tblVehicleEF	MDV	0.25	0.44
tblVehicleEF	MDV	4.8500e-003	4.0780e-003
tblVehicleEF	MDV	1.1370e-003	8.5900e-004
tblVehicleEF	MDV	0.10	0.11
tblVehicleEF	MDV	0.20	0.17
tblVehicleEF	MDV	0.08	0.10
tblVehicleEF	MDV	0.05	0.03
tblVehicleEF	MDV	0.11	0.50
tblVehicleEF	MDV	0.28	0.48
tblVehicleEF	MDV	0.01	6.2110e-003
tblVehicleEF	MDV	0.02	0.08
tblVehicleEF	MDV	1.64	1.35
tblVehicleEF	MDV	2.69	2.72
tblVehicleEF	MDV	526.85	438.45
tblVehicleEF	MDV	107.92	86.27
tblVehicleEF	MDV	0.16	0.10
tblVehicleEF	MDV	0.30	0.35
tblVehicleEF	MDV	1.8260e-003	1.6850e-003
tblVehicleEF	MDV	2.5170e-003	2.0310e-003
tblVehicleEF	MDV	1.6830e-003	1.5540e-003

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tblVehicleEF	MDV	2.3150e-003	1.8680e-003
tblVehicleEF	MDV	0.20	0.21
tblVehicleEF	MDV	0.23	0.19
tblVehicleEF	MDV	0.17	0.19
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.11	0.49
tblVehicleEF	MDV	0.21	0.38
tblVehicleEF	MDV	5.2830e-003	4.3080e-003
tblVehicleEF	MDV	1.1260e-003	8.4800e-004
tblVehicleEF	MDV	0.20	0.21
tblVehicleEF	MDV	0.23	0.19
tblVehicleEF	MDV	0.17	0.19
tblVehicleEF	MDV	0.05	0.04
tblVehicleEF	MDV	0.11	0.49
tblVehicleEF	MDV	0.23	0.41
tblVehicleEF	MDV	0.01	5.4050e-003
tblVehicleEF	MDV	0.02	0.09
tblVehicleEF	MDV	1.28	1.09
tblVehicleEF	MDV	3.20	3.26
tblVehicleEF	MDV	473.93	410.75
tblVehicleEF	MDV	107.92	87.35
tblVehicleEF	MDV	0.16	0.10
tblVehicleEF	MDV	0.32	0.38
tblVehicleEF	MDV	1.8260e-003	1.6850e-003
tblVehicleEF	MDV	2.5170e-003	2.0310e-003
tblVehicleEF	MDV	1.6830e-003	1.5540e-003
tblVehicleEF	MDV	2.3150e-003	1.8680e-003

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tblVehicleEF	MDV	0.10	0.11
tblVehicleEF	MDV	0.22	0.18
tblVehicleEF	MDV	0.08	0.10
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.13	0.57
tblVehicleEF	MDV	0.25	0.44
tblVehicleEF	MDV	4.7490e-003	4.0360e-003
tblVehicleEF	MDV	1.1360e-003	8.5900e-004
tblVehicleEF	MDV	0.10	0.11
tblVehicleEF	MDV	0.22	0.18
tblVehicleEF	MDV	0.08	0.10
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.13	0.57
tblVehicleEF	MDV	0.27	0.48
tblVehicleEF	MH	0.04	3.6580e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	3.07	0.35
tblVehicleEF	MH	6.43	0.00
tblVehicleEF	MH	1,045.05	970.21
tblVehicleEF	MH	59.49	0.00
tblVehicleEF	MH	1.54	4.24
tblVehicleEF	MH	0.91	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.11
tblVehicleEF	MH	1.1740e-003	0.00
tblVehicleEF	MH	3.2230e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.11

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tblVehicleEF	MH	1.0790e-003	0.00
tblVehicleEF	MH	1.47	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.51	0.00
tblVehicleEF	MH	0.10	0.08
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.37	0.00
tblVehicleEF	MH	0.01	9.1720e-003
tblVehicleEF	MH	7.0700e-004	0.00
tblVehicleEF	MH	1.47	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.51	0.00
tblVehicleEF	MH	0.14	0.09
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.40	0.00
tblVehicleEF	MH	0.04	3.6580e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	3.19	0.35
tblVehicleEF	MH	5.84	0.00
tblVehicleEF	MH	1,045.05	970.21
tblVehicleEF	MH	59.49	0.00
tblVehicleEF	MH	1.41	4.00
tblVehicleEF	MH	0.86	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.11
tblVehicleEF	MH	1.1740e-003	0.00
tblVehicleEF	MH	3.2230e-003	4.0000e-003

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tblVehicleEF	MH	0.04	0.11
tblVehicleEF	MH	1.0790e-003	0.00
tblVehicleEF	MH	2.91	0.00
tblVehicleEF	MH	0.11	0.00
tblVehicleEF	MH	1.21	0.00
tblVehicleEF	MH	0.11	0.08
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.34	0.00
tblVehicleEF	MH	0.01	9.1720e-003
tblVehicleEF	MH	6.9700e-004	0.00
tblVehicleEF	MH	2.91	0.00
tblVehicleEF	MH	0.11	0.00
tblVehicleEF	MH	1.21	0.00
tblVehicleEF	MH	0.15	0.09
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.04	3.6580e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	3.08	0.35
tblVehicleEF	MH	6.36	0.00
tblVehicleEF	MH	1,045.05	970.21
tblVehicleEF	MH	59.49	0.00
tblVehicleEF	MH	1.51	4.17
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.11
tblVehicleEF	MH	1.1740e-003	0.00

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tblVehicleEF	MH	3.2230e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.11
tblVehicleEF	MH	1.0790e-003	0.00
tblVehicleEF	MH	1.75	0.00
tblVehicleEF	MH	0.11	0.00
tblVehicleEF	MH	0.53	0.00
tblVehicleEF	MH	0.10	0.08
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.37	0.00
tblVehicleEF	MH	0.01	9.1720e-003
tblVehicleEF	MH	7.0600e-004	0.00
tblVehicleEF	MH	1.75	0.00
tblVehicleEF	MH	0.11	0.00
tblVehicleEF	MH	0.53	0.00
tblVehicleEF	MH	0.15	0.09
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.40	0.00
tblVehicleEF	MHD	0.02	2.5070e-003
tblVehicleEF	MHD	3.5160e-003	3.3210e-003
tblVehicleEF	MHD	0.05	6.4670e-003
tblVehicleEF	MHD	0.32	0.31
tblVehicleEF	MHD	0.27	0.32
tblVehicleEF	MHD	5.32	0.74
tblVehicleEF	MHD	156.91	68.92
tblVehicleEF	MHD	1,101.52	974.57
tblVehicleEF	MHD	52.43	6.35
tblVehicleEF	MHD	0.60	0.52

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tblVehicleEF	MHD	0.99	1.61
tblVehicleEF	MHD	11.88	1.50
tblVehicleEF	MHD	3.8600e-004	1.2310e-003
tblVehicleEF	MHD	5.0030e-003	0.04
tblVehicleEF	MHD	7.6400e-004	7.5000e-005
tblVehicleEF	MHD	3.6900e-004	1.1780e-003
tblVehicleEF	MHD	4.7830e-003	0.03
tblVehicleEF	MHD	7.0300e-004	6.9000e-005
tblVehicleEF	MHD	1.2800e-003	4.5300e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	6.5100e-004	2.4000e-004
tblVehicleEF	MHD	0.04	0.06
tblVehicleEF	MHD	0.02	0.08
tblVehicleEF	MHD	0.32	0.03
tblVehicleEF	MHD	1.5080e-003	6.5300e-004
tblVehicleEF	MHD	0.01	9.2620e-003
tblVehicleEF	MHD	6.1700e-004	6.3000e-005
tblVehicleEF	MHD	1.2800e-003	4.5300e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	6.5100e-004	2.4000e-004
tblVehicleEF	MHD	0.04	0.07
tblVehicleEF	MHD	0.02	0.08
tblVehicleEF	MHD	0.35	0.04
tblVehicleEF	MHD	0.02	2.3860e-003
tblVehicleEF	MHD	3.5800e-003	3.3450e-003

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tblVehicleEF	MHD	0.05	6.2100e-003
tblVehicleEF	MHD	0.24	0.26
tblVehicleEF	MHD	0.28	0.33
tblVehicleEF	MHD	4.97	0.70
tblVehicleEF	MHD	166.20	69.59
tblVehicleEF	MHD	1,101.52	974.58
tblVehicleEF	MHD	52.43	6.28
tblVehicleEF	MHD	0.62	0.52
tblVehicleEF	MHD	0.92	1.52
tblVehicleEF	MHD	11.85	1.49
tblVehicleEF	MHD	3.2500e-004	1.0410e-003
tblVehicleEF	MHD	5.0030e-003	0.04
tblVehicleEF	MHD	7.6400e-004	7.5000e-005
tblVehicleEF	MHD	3.1100e-004	9.9600e-004
tblVehicleEF	MHD	4.7830e-003	0.03
tblVehicleEF	MHD	7.0300e-004	6.9000e-005
tblVehicleEF	MHD	2.5300e-003	8.2800e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.5010e-003	4.7800e-004
tblVehicleEF	MHD	0.04	0.06
tblVehicleEF	MHD	0.02	0.08
tblVehicleEF	MHD	0.30	0.03
tblVehicleEF	MHD	1.5950e-003	6.5900e-004
tblVehicleEF	MHD	0.01	9.2620e-003
tblVehicleEF	MHD	6.1100e-004	6.2000e-005
tblVehicleEF	MHD	2.5300e-003	8.2800e-004

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tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	1.5010e-003	4.7800e-004
tblVehicleEF	MHD	0.04	0.07
tblVehicleEF	MHD	0.02	0.08
tblVehicleEF	MHD	0.33	0.04
tblVehicleEF	MHD	0.02	2.6830e-003
tblVehicleEF	MHD	3.5220e-003	3.3210e-003
tblVehicleEF	MHD	0.05	6.4200e-003
tblVehicleEF	MHD	0.45	0.37
tblVehicleEF	MHD	0.27	0.32
tblVehicleEF	MHD	5.23	0.74
tblVehicleEF	MHD	144.06	68.00
tblVehicleEF	MHD	1,101.52	974.57
tblVehicleEF	MHD	52.43	6.34
tblVehicleEF	MHD	0.57	0.52
tblVehicleEF	MHD	0.97	1.59
tblVehicleEF	MHD	11.87	1.50
tblVehicleEF	MHD	4.7000e-004	1.4940e-003
tblVehicleEF	MHD	5.0030e-003	0.04
tblVehicleEF	MHD	7.6400e-004	7.5000e-005
tblVehicleEF	MHD	4.4900e-004	1.4300e-003
tblVehicleEF	MHD	4.7830e-003	0.03
tblVehicleEF	MHD	7.0300e-004	6.9000e-005
tblVehicleEF	MHD	1.3890e-003	4.7100e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.03	0.02

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tblVehicleEF	MHD	6.4000e-004	2.4400e-004
tblVehicleEF	MHD	0.04	0.06
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.32	0.03
tblVehicleEF	MHD	1.3860e-003	6.4400e-004
tblVehicleEF	MHD	0.01	9.2620e-003
tblVehicleEF	MHD	6.1600e-004	6.3000e-005
tblVehicleEF	MHD	1.3890e-003	4.7100e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	6.4000e-004	2.4400e-004
tblVehicleEF	MHD	0.04	0.07
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.35	0.04
tblVehicleEF	OBUS	0.01	8.8190e-003
tblVehicleEF	OBUS	9.9110e-003	6.5960e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.26	0.52
tblVehicleEF	OBUS	0.63	0.77
tblVehicleEF	OBUS	6.27	2.45
tblVehicleEF	OBUS	70.35	76.06
tblVehicleEF	OBUS	1,121.50	1,406.90
tblVehicleEF	OBUS	70.70	20.49
tblVehicleEF	OBUS	0.28	0.34
tblVehicleEF	OBUS	0.97	1.24
tblVehicleEF	OBUS	1.93	0.68
tblVehicleEF	OBUS	6.4000e-005	5.8900e-004

Bridge Point (Existing Operations - Passenger Cars) - San Bernardino-South Coast County, Annual

tblVehicleEF	OBUS	4.6440e-003	0.01
tblVehicleEF	OBUS	9.2900e-004	2.1800e-004
tblVehicleEF	OBUS	6.1000e-005	5.6400e-004
tblVehicleEF	OBUS	4.4220e-003	0.01
tblVehicleEF	OBUS	8.5400e-004	2.0100e-004
tblVehicleEF	OBUS	2.1800e-003	2.6020e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	9.3100e-004	1.1160e-003
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	0.05	0.29
tblVehicleEF	OBUS	0.38	0.12
tblVehicleEF	OBUS	6.8400e-004	7.2500e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.1700e-004	2.0300e-004
tblVehicleEF	OBUS	2.1800e-003	2.6020e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	9.3100e-004	1.1160e-003
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	0.05	0.29
tblVehicleEF	OBUS	0.42	0.13
tblVehicleEF	OBUS	0.01	8.8750e-003
tblVehicleEF	OBUS	0.01	6.7350e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.26	0.51
tblVehicleEF	OBUS	0.65	0.79

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tblVehicleEF	OBUS	5.74	2.28
tblVehicleEF	OBUS	73.50	75.90
tblVehicleEF	OBUS	1,121.50	1,406.93
tblVehicleEF	OBUS	70.70	20.20
tblVehicleEF	OBUS	0.29	0.34
tblVehicleEF	OBUS	0.90	1.16
tblVehicleEF	OBUS	1.88	0.67
tblVehicleEF	OBUS	5.4000e-005	5.0100e-004
tblVehicleEF	OBUS	4.6440e-003	0.01
tblVehicleEF	OBUS	9.2900e-004	2.1800e-004
tblVehicleEF	OBUS	5.1000e-005	4.7900e-004
tblVehicleEF	OBUS	4.4220e-003	0.01
tblVehicleEF	OBUS	8.5400e-004	2.0100e-004
tblVehicleEF	OBUS	4.2350e-003	4.6860e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	2.1330e-003	2.2090e-003
tblVehicleEF	OBUS	0.05	0.05
tblVehicleEF	OBUS	0.05	0.29
tblVehicleEF	OBUS	0.36	0.11
tblVehicleEF	OBUS	7.1400e-004	7.2400e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.0800e-004	2.0000e-004
tblVehicleEF	OBUS	4.2350e-003	4.6860e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	2.1330e-003	2.2090e-003

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tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	0.05	0.29
tblVehicleEF	OBUS	0.40	0.12
tblVehicleEF	OBUS	0.01	8.7740e-003
tblVehicleEF	OBUS	9.9380e-003	6.6000e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.28	0.53
tblVehicleEF	OBUS	0.63	0.77
tblVehicleEF	OBUS	6.22	2.45
tblVehicleEF	OBUS	66.00	76.30
tblVehicleEF	OBUS	1,121.50	1,406.90
tblVehicleEF	OBUS	70.70	20.50
tblVehicleEF	OBUS	0.27	0.35
tblVehicleEF	OBUS	0.96	1.22
tblVehicleEF	OBUS	1.91	0.68
tblVehicleEF	OBUS	7.7000e-005	7.1200e-004
tblVehicleEF	OBUS	4.6440e-003	0.01
tblVehicleEF	OBUS	9.2900e-004	2.1800e-004
tblVehicleEF	OBUS	7.4000e-005	6.8100e-004
tblVehicleEF	OBUS	4.4220e-003	0.01
tblVehicleEF	OBUS	8.5400e-004	2.0100e-004
tblVehicleEF	OBUS	2.3200e-003	2.7390e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	9.4100e-004	1.1650e-003
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	0.05	0.30

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tblVehicleEF	OBUS	0.38	0.12
tblVehicleEF	OBUS	6.4200e-004	7.2700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.1600e-004	2.0300e-004
tblVehicleEF	OBUS	2.3200e-003	2.7390e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	9.4100e-004	1.1650e-003
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	0.05	0.30
tblVehicleEF	OBUS	0.42	0.13
tblVehicleEF	SBUS	0.84	0.06
tblVehicleEF	SBUS	0.01	8.5840e-003
tblVehicleEF	SBUS	0.07	6.1570e-003
tblVehicleEF	SBUS	5.71	2.50
tblVehicleEF	SBUS	0.65	0.78
tblVehicleEF	SBUS	5.33	0.82
tblVehicleEF	SBUS	1,258.13	345.06
tblVehicleEF	SBUS	1,136.31	1,112.17
tblVehicleEF	SBUS	37.11	4.79
tblVehicleEF	SBUS	11.70	3.29
tblVehicleEF	SBUS	4.77	5.20
tblVehicleEF	SBUS	15.02	0.91
tblVehicleEF	SBUS	0.01	4.3580e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	5.1700e-004	4.0000e-005

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tblVehicleEF	SBUS	0.01	4.1690e-003
tblVehicleEF	SBUS	2.7560e-003	2.7010e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	4.7500e-004	3.6000e-005
tblVehicleEF	SBUS	2.9260e-003	1.2420e-003
tblVehicleEF	SBUS	0.02	9.5120e-003
tblVehicleEF	SBUS	0.68	0.28
tblVehicleEF	SBUS	1.3050e-003	5.9000e-004
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	9.3510e-003	0.06
tblVehicleEF	SBUS	0.27	0.04
tblVehicleEF	SBUS	0.01	3.2890e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	4.6300e-004	4.7000e-005
tblVehicleEF	SBUS	2.9260e-003	1.2420e-003
tblVehicleEF	SBUS	0.02	9.5120e-003
tblVehicleEF	SBUS	0.97	0.40
tblVehicleEF	SBUS	1.3050e-003	5.9000e-004
tblVehicleEF	SBUS	0.13	0.13
tblVehicleEF	SBUS	9.3510e-003	0.06
tblVehicleEF	SBUS	0.30	0.04
tblVehicleEF	SBUS	0.84	0.06
tblVehicleEF	SBUS	0.01	8.7140e-003
tblVehicleEF	SBUS	0.06	5.1550e-003
tblVehicleEF	SBUS	5.56	2.47
tblVehicleEF	SBUS	0.66	0.80
tblVehicleEF	SBUS	3.65	0.60

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tblVehicleEF	SBUS	1,322.00	352.98
tblVehicleEF	SBUS	1,136.31	1,112.20
tblVehicleEF	SBUS	37.11	4.41
tblVehicleEF	SBUS	12.08	3.36
tblVehicleEF	SBUS	4.47	4.88
tblVehicleEF	SBUS	14.99	0.90
tblVehicleEF	SBUS	0.01	3.6810e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	5.1700e-004	4.0000e-005
tblVehicleEF	SBUS	9.6490e-003	3.5220e-003
tblVehicleEF	SBUS	2.7560e-003	2.7010e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	4.7500e-004	3.6000e-005
tblVehicleEF	SBUS	5.6170e-003	2.2080e-003
tblVehicleEF	SBUS	0.02	9.9850e-003
tblVehicleEF	SBUS	0.67	0.28
tblVehicleEF	SBUS	2.8800e-003	1.1130e-003
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	8.5310e-003	0.06
tblVehicleEF	SBUS	0.22	0.03
tblVehicleEF	SBUS	0.01	3.3630e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	4.3500e-004	4.4000e-005
tblVehicleEF	SBUS	5.6170e-003	2.2080e-003
tblVehicleEF	SBUS	0.02	9.9850e-003
tblVehicleEF	SBUS	0.97	0.40

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tblVehicleEF	SBUS	2.8800e-003	1.1130e-003
tblVehicleEF	SBUS	0.13	0.13
tblVehicleEF	SBUS	8.5310e-003	0.06
tblVehicleEF	SBUS	0.24	0.03
tblVehicleEF	SBUS	0.84	0.06
tblVehicleEF	SBUS	0.01	8.5760e-003
tblVehicleEF	SBUS	0.07	6.3440e-003
tblVehicleEF	SBUS	5.91	2.56
tblVehicleEF	SBUS	0.65	0.78
tblVehicleEF	SBUS	5.37	0.86
tblVehicleEF	SBUS	1,169.92	334.13
tblVehicleEF	SBUS	1,136.31	1,112.17
tblVehicleEF	SBUS	37.11	4.85
tblVehicleEF	SBUS	11.19	3.19
tblVehicleEF	SBUS	4.69	5.12
tblVehicleEF	SBUS	15.02	0.91
tblVehicleEF	SBUS	0.01	5.2920e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	5.1700e-004	4.0000e-005
tblVehicleEF	SBUS	0.01	5.0630e-003
tblVehicleEF	SBUS	2.7560e-003	2.7010e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	4.7500e-004	3.6000e-005
tblVehicleEF	SBUS	2.9580e-003	1.2070e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.68	0.28

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tblVehicleEF	SBUS	1.2820e-003	6.0100e-004
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	0.01	0.08
tblVehicleEF	SBUS	0.28	0.04
tblVehicleEF	SBUS	0.01	3.1850e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	4.6400e-004	4.8000e-005
tblVehicleEF	SBUS	2.9580e-003	1.2070e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.98	0.40
tblVehicleEF	SBUS	1.2820e-003	6.0100e-004
tblVehicleEF	SBUS	0.13	0.13
tblVehicleEF	SBUS	0.01	0.08
tblVehicleEF	SBUS	0.31	0.04
tblVehicleEF	UBUS	1.83	4.45
tblVehicleEF	UBUS	0.08	0.01
tblVehicleEF	UBUS	9.26	34.75
tblVehicleEF	UBUS	14.34	0.89
tblVehicleEF	UBUS	1,846.39	1,692.13
tblVehicleEF	UBUS	136.37	11.77
tblVehicleEF	UBUS	5.87	0.38
tblVehicleEF	UBUS	13.57	0.14
tblVehicleEF	UBUS	0.52	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.07	2.6550e-003
tblVehicleEF	UBUS	1.4030e-003	1.4100e-004
tblVehicleEF	UBUS	0.22	0.03

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tblVehicleEF	UBUS	3.0000e-003	6.6220e-003
tblVehicleEF	UBUS	0.06	2.5280e-003
tblVehicleEF	UBUS	1.2900e-003	1.3000e-004
tblVehicleEF	UBUS	8.0860e-003	1.6780e-003
tblVehicleEF	UBUS	0.11	9.5390e-003
tblVehicleEF	UBUS	3.9450e-003	7.3700e-004
tblVehicleEF	UBUS	0.61	0.07
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	1.15	0.04
tblVehicleEF	UBUS	0.01	3.0250e-003
tblVehicleEF	UBUS	1.6240e-003	1.1700e-004
tblVehicleEF	UBUS	8.0860e-003	1.6780e-003
tblVehicleEF	UBUS	0.11	9.5390e-003
tblVehicleEF	UBUS	3.9450e-003	7.3700e-004
tblVehicleEF	UBUS	2.50	4.54
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	1.25	0.04
tblVehicleEF	UBUS	1.83	4.45
tblVehicleEF	UBUS	0.08	9.2350e-003
tblVehicleEF	UBUS	9.36	34.75
tblVehicleEF	UBUS	11.74	0.76
tblVehicleEF	UBUS	1,846.39	1,692.13
tblVehicleEF	UBUS	136.37	11.55
tblVehicleEF	UBUS	5.45	0.38
tblVehicleEF	UBUS	13.45	0.13
tblVehicleEF	UBUS	0.52	0.07
tblVehicleEF	UBUS	0.01	0.03

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tblVehicleEF	UBUS	0.07	2.6550e-003
tblVehicleEF	UBUS	1.4030e-003	1.4100e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	6.6220e-003
tblVehicleEF	UBUS	0.06	2.5280e-003
tblVehicleEF	UBUS	1.2900e-003	1.3000e-004
tblVehicleEF	UBUS	0.02	3.0610e-003
tblVehicleEF	UBUS	0.14	0.01
tblVehicleEF	UBUS	9.3320e-003	1.4840e-003
tblVehicleEF	UBUS	0.62	0.07
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	1.02	0.03
tblVehicleEF	UBUS	0.01	3.0250e-003
tblVehicleEF	UBUS	1.5790e-003	1.1400e-004
tblVehicleEF	UBUS	0.02	3.0610e-003
tblVehicleEF	UBUS	0.14	0.01
tblVehicleEF	UBUS	9.3320e-003	1.4840e-003
tblVehicleEF	UBUS	2.52	4.54
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	1.12	0.04
tblVehicleEF	UBUS	1.83	4.45
tblVehicleEF	UBUS	0.08	0.01
tblVehicleEF	UBUS	9.27	34.75
tblVehicleEF	UBUS	13.86	0.90
tblVehicleEF	UBUS	1,846.39	1,692.13
tblVehicleEF	UBUS	136.37	11.80
tblVehicleEF	UBUS	5.76	0.38

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tblVehicleEF	UBUS	13.55	0.14
tblVehicleEF	UBUS	0.52	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.07	2.6550e-003
tblVehicleEF	UBUS	1.4030e-003	1.4100e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	6.6220e-003
tblVehicleEF	UBUS	0.06	2.5280e-003
tblVehicleEF	UBUS	1.2900e-003	1.3000e-004
tblVehicleEF	UBUS	9.2250e-003	1.6870e-003
tblVehicleEF	UBUS	0.14	0.01
tblVehicleEF	UBUS	4.1190e-003	7.4500e-004
tblVehicleEF	UBUS	0.61	0.07
tblVehicleEF	UBUS	0.03	0.05
tblVehicleEF	UBUS	1.13	0.04
tblVehicleEF	UBUS	0.01	3.0250e-003
tblVehicleEF	UBUS	1.6160e-003	1.1700e-004
tblVehicleEF	UBUS	9.2250e-003	1.6870e-003
tblVehicleEF	UBUS	0.14	0.01
tblVehicleEF	UBUS	4.1190e-003	7.4500e-004
tblVehicleEF	UBUS	2.50	4.54
tblVehicleEF	UBUS	0.03	0.05
tblVehicleEF	UBUS	1.24	0.04
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CW_TTP	59.00	100.00
tblVehicleTrips	DV_TP	35.50	0.00
tblVehicleTrips	DV_TP	5.00	0.00

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tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	47.50	83.00
tblVehicleTrips	PR_TP	92.00	100.00
tblVehicleTrips	ST_TR	71.07	70.76
tblVehicleTrips	ST_TR	1.68	0.61
tblVehicleTrips	SU_TR	56.36	60.21
tblVehicleTrips	SU_TR	1.68	0.57
tblVehicleTrips	WD_TR	57.24	53.18
tblVehicleTrips	WD_TR	1.68	1.18
tblWater	IndoorWaterUseRate	1,721,445.40	0.00
tblWater	IndoorWaterUseRate	330,918,750.00	3,717,160.00
tblWater	OutdoorWaterUseRate	1,055,079.44	0.00

2.0 Emissions Summary

Bridge Point (Existing Operations - Passenger Cars) - San Bernardino-South Coast County, Annual

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
		Highest		

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	5.9307	1.7000e-004	0.0186	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.0361	0.0361	1.0000e-004	0.0000	0.0385
Energy	0.5351	4.8646	4.0862	0.0292		0.3697	0.3697		0.3697	0.3697	0.0000	7,269.5619	7,269.5619	0.1830	0.1140	7,308.0931
Mobile	1.2344	2.5089	14.6605	0.0447	4.6318	0.0345	4.6663	1.2326	0.0322	1.2648	0.0000	4,174.7207	4,174.7207	0.1661	0.0000	4,178.8729
Waste						0.0000	0.0000		0.0000	0.0000	293.3402	0.0000	293.3402	17.3359	0.0000	726.7380
Water						0.0000	0.0000		0.0000	0.0000	1.1793	15.4216	16.6009	0.1218	2.9900e-003	20.5365
Total	7.7001	7.3737	18.7654	0.0739	4.6318	0.4043	5.0361	1.2326	0.4020	1.6346	294.5195	11,459.7403	11,754.2598	17.8069	0.1169	12,234.2789

Bridge Point (Existing Operations - Passenger Cars) - San Bernardino-South Coast County, Annual

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	5.9307	1.7000e-004	0.0186	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.0361	0.0361	1.0000e-004	0.0000	0.0385
Energy	0.5351	4.8646	4.0862	0.0292		0.3697	0.3697		0.3697	0.3697	0.0000	7,269.5619	7,269.5619	0.1830	0.1140	7,308.0931
Mobile	1.2344	2.5089	14.6605	0.0447	4.6318	0.0345	4.6663	1.2326	0.0322	1.2648	0.0000	4,174.7207	4,174.7207	0.1661	0.0000	4,178.8729
Waste						0.0000	0.0000		0.0000	0.0000	293.3402	0.0000	293.3402	17.3359	0.0000	726.7380
Water						0.0000	0.0000		0.0000	0.0000	1.1793	15.4216	16.6009	0.1218	2.9900e-003	20.5365
Total	7.7001	7.3737	18.7654	0.0739	4.6318	0.4043	5.0361	1.2326	0.4020	1.6346	294.5195	11,459.7403	11,754.2598	17.8069	0.1169	12,234.2789

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	7/1/2021	6/30/2021	5	0	

Acres of Grading (Site Preparation Phase): 0

Bridge Point (Existing Operations - Passenger Cars) - San Bernardino-South Coast County, Annual

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Bridge Point (Existing Operations - Passenger Cars) - San Bernardino-South Coast County, Annual

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Bridge Point (Existing Operations - Passenger Cars) - San Bernardino-South Coast County, Annual

3.2 Demolition - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

Bridge Point (Existing Operations - Passenger Cars) - San Bernardino-South Coast County, Annual

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.2344	2.5089	14.6605	0.0447	4.6318	0.0345	4.6663	1.2326	0.0322	1.2648	0.0000	4,174.7207	4,174.7207	0.1661	0.0000	4,178.8729
Unmitigated	1.2344	2.5089	14.6605	0.0447	4.6318	0.0345	4.6663	1.2326	0.0322	1.2648	0.0000	4,174.7207	4,174.7207	0.1661	0.0000	4,178.8729

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Free-Standing Discount Store	1,236.00	1,644.46	1399.28	3,636,966	3,636,966
Unrefrigerated Warehouse-No Rail	1,684.00	874.34	809.23	8,721,406	8,721,406
Total	2,920.00	2,518.80	2,208.51	12,358,373	12,358,373

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Free-Standing Discount Store	16.60	8.40	6.90	12.20	68.80	19.00	83	0	17
Unrefrigerated Warehouse-No	16.60	8.40	6.90	100.00	0.00	0.00	100	0	0

4.4 Fleet Mix

Bridge Point (Existing Operations - Passenger Cars) - San Bernardino-South Coast County, Annual

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Free-Standing Discount Store	0.553113	0.036408	0.180286	0.116335	0.016165	0.005101	0.018218	0.063797	0.001357	0.001565	0.005903	0.000808	0.000944
Unrefrigerated Warehouse-No Rail	0.624200	0.041100	0.203500	0.131200	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,973.8796	1,973.8796	0.0815	0.0169	1,980.9412
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,973.8796	1,973.8796	0.0815	0.0169	1,980.9412
NaturalGas Mitigated	0.5351	4.8646	4.0862	0.0292		0.3697	0.3697		0.3697	0.3697	0.0000	5,295.6823	5,295.6823	0.1015	0.0971	5,327.1519
NaturalGas Unmitigated	0.5351	4.8646	4.0862	0.0292		0.3697	0.3697		0.3697	0.3697	0.0000	5,295.6823	5,295.6823	0.1015	0.0971	5,327.1519

Bridge Point (Existing Operations - Passenger Cars) - San Bernardino-South Coast County, Annual

5.2 Energy by Land Use - Natural Gas

Unmitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Free-Standing Discount Store	1.5859e+006	8.5500e-003	0.0777	0.0653	4.7000e-004		5.9100e-003	5.9100e-003		5.9100e-003	5.9100e-003	0.0000	84.6295	84.6295	1.6200e-003	1.5500e-003	85.1325
Unrefrigerated Warehouse-No Rail	9.76514e+007	0.5266	4.7868	4.0209	0.0287		0.3638	0.3638		0.3638	0.3638	0.0000	5,211.0527	5,211.0527	0.0999	0.0955	5,242.0194
Total		0.5351	4.8646	4.0862	0.0292		0.3697	0.3697		0.3697	0.3697	0.0000	5,295.6823	5,295.6823	0.1015	0.0971	5,327.1519

Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Free-Standing Discount Store	1.5859e+006	8.5500e-003	0.0777	0.0653	4.7000e-004		5.9100e-003	5.9100e-003		5.9100e-003	5.9100e-003	0.0000	84.6295	84.6295	1.6200e-003	1.5500e-003	85.1325
Unrefrigerated Warehouse-No Rail	9.76514e+007	0.5266	4.7868	4.0209	0.0287		0.3638	0.3638		0.3638	0.3638	0.0000	5,211.0527	5,211.0527	0.0999	0.0955	5,242.0194
Total		0.5351	4.8646	4.0862	0.0292		0.3697	0.3697		0.3697	0.3697	0.0000	5,295.6823	5,295.6823	0.1015	0.0971	5,327.1519

Bridge Point (Existing Operations - Passenger Cars) - San Bernardino-South Coast County, Annual

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Free-Standing Discount Store	99002.4	31.5443	1.3000e-003	2.7000e-004	31.6571
Unrefrigerated Warehouse-No Rail	6.09606e+006	1,942.3353	0.0802	0.0166	1,949.2841
Total		1,973.8796	0.0815	0.0169	1,980.9412

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Free-Standing Discount Store	99002.4	31.5443	1.3000e-003	2.7000e-004	31.6571
Unrefrigerated Warehouse-No Rail	6.09606e+006	1,942.3353	0.0802	0.0166	1,949.2841
Total		1,973.8796	0.0815	0.0169	1,980.9412

6.0 Area Detail

6.1 Mitigation Measures Area

Bridge Point (Existing Operations - Passenger Cars) - San Bernardino-South Coast County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	5.9307	1.7000e-004	0.0186	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.0361	0.0361	1.0000e-004	0.0000	0.0385
Unmitigated	5.9307	1.7000e-004	0.0186	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.0361	0.0361	1.0000e-004	0.0000	0.0385

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.6740					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	5.2549					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.7300e-003	1.7000e-004	0.0186	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.0361	0.0361	1.0000e-004	0.0000	0.0385
Total	5.9307	1.7000e-004	0.0186	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.0361	0.0361	1.0000e-004	0.0000	0.0385

Bridge Point (Existing Operations - Passenger Cars) - San Bernardino-South Coast County, Annual

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.6740					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	5.2549					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.7300e-003	1.7000e-004	0.0186	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.0361	0.0361	1.0000e-004	0.0000	0.0385
Total	5.9307	1.7000e-004	0.0186	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.0361	0.0361	1.0000e-004	0.0000	0.0385

7.0 Water Detail

7.1 Mitigation Measures Water

Bridge Point (Existing Operations - Passenger Cars) - San Bernardino-South Coast County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	16.6009	0.1218	2.9900e-003	20.5365
Unmitigated	16.6009	0.1218	2.9900e-003	20.5365

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Free-Standing Discount Store	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	3.71716 / 0	16.6009	0.1218	2.9900e-003	20.5365
Total		16.6009	0.1218	2.9900e-003	20.5365

Bridge Point (Existing Operations - Passenger Cars) - San Bernardino-South Coast County, Annual

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Free-Standing Discount Store	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	3.71716 / 0	16.6009	0.1218	2.9900e-003	20.5365
Total		16.6009	0.1218	2.9900e-003	20.5365

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	293.3402	17.3359	0.0000	726.7380
Unmitigated	293.3402	17.3359	0.0000	726.7380

Bridge Point (Existing Operations - Passenger Cars) - San Bernardino-South Coast County, Annual

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Free-Standing Discount Store	99.95	20.2890	1.1990	0.0000	50.2650
Unrefrigerated Warehouse-No Rail	1345.14	273.0513	16.1369	0.0000	676.4730
Total		293.3402	17.3359	0.0000	726.7380

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Free-Standing Discount Store	99.95	20.2890	1.1990	0.0000	50.2650
Unrefrigerated Warehouse-No Rail	1345.14	273.0513	16.1369	0.0000	676.4730
Total		293.3402	17.3359	0.0000	726.7380

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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Bridge Point (Existing Operations - Passenger Cars) - San Bernardino-South Coast County, Annual

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Bridge Point (Existing Operations - Trucks) - San Bernardino-South Coast County, Annual

Bridge Point (Existing Operations - Trucks)
San Bernardino-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	1,431.00	1000sqft	32.85	1,431,000.00	0
Free-Standing Discount Store	23.24	1000sqft	0.53	23,240.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	32
Climate Zone	10			Operational Year	2022
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	702.44	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Bridge Point (Existing Operations - Trucks) - San Bernardino-South Coast County, Annual

Project Characteristics -

Land Use -

Construction Phase - Operations Run Only.

Off-road Equipment - Operations Run Only.

Trips and VMT - Operations Run Only.

Vehicle Trips - Trip Characteristics based on information provided in the Bridge Point Rancho Cucamonga Traffic Analysis by Urban Crossroads, Inc.

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Energy Use - Existing Energy Usage based on information provided by the Project Applicant.

Water And Wastewater - Based on the WSA, the the Existing Water Demand is 10,184 gpd.

Fleet Mix - Truck Fleet Mix estimated by rationing the Trip Rates for each truck type based on information provided in the Traffic Analysis.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	30.00	0.00
tblEnergyUse	LightingElect	5.61	0.00
tblEnergyUse	LightingElect	1.17	0.00
tblEnergyUse	NT24E	2.44	0.00
tblEnergyUse	NT24E	0.82	0.00
tblEnergyUse	NT24NG	0.30	0.00
tblEnergyUse	NT24NG	0.03	0.00
tblEnergyUse	T24E	4.58	4.26
tblEnergyUse	T24E	0.37	4.26
tblEnergyUse	T24NG	1.92	68.24
tblEnergyUse	T24NG	2.00	68.24
tblFleetMix	HHD	0.06	0.63
tblFleetMix	LDA	0.55	0.00

Bridge Point (Existing Operations - Trucks) - San Bernardino-South Coast County, Annual

tblFleetMix	LDT1	0.04	0.00
tblFleetMix	LDT2	0.18	0.00
tblFleetMix	LHD1	0.02	0.17
tblFleetMix	LHD2	5.1010e-003	0.00
tblFleetMix	MCY	5.9030e-003	0.00
tblFleetMix	MDV	0.12	0.00
tblFleetMix	MH	9.4400e-004	0.00
tblFleetMix	MHD	0.02	0.21
tblFleetMix	OBUS	1.3570e-003	0.00
tblFleetMix	SBUS	8.0800e-004	0.00
tblFleetMix	UBUS	1.5650e-003	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblVehicleEF	HHD	1.21	0.03
tblVehicleEF	HHD	0.04	0.14
tblVehicleEF	HHD	0.10	0.00
tblVehicleEF	HHD	3.29	5.95
tblVehicleEF	HHD	0.57	0.67
tblVehicleEF	HHD	1.82	3.7880e-003
tblVehicleEF	HHD	6,933.41	1,124.17
tblVehicleEF	HHD	1,475.79	1,484.27
tblVehicleEF	HHD	5.54	0.03
tblVehicleEF	HHD	26.50	6.08
tblVehicleEF	HHD	2.50	3.42
tblVehicleEF	HHD	20.21	2.10
tblVehicleEF	HHD	9.7780e-003	3.6280e-003

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tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.01	0.03
tblVehicleEF	HHD	5.1000e-005	1.0000e-006
tblVehicleEF	HHD	9.3550e-003	3.4710e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8810e-003	8.8310e-003
tblVehicleEF	HHD	0.01	0.03
tblVehicleEF	HHD	4.7000e-005	1.0000e-006
tblVehicleEF	HHD	8.5000e-005	5.0000e-006
tblVehicleEF	HHD	3.1910e-003	1.6000e-004
tblVehicleEF	HHD	0.84	0.43
tblVehicleEF	HHD	5.2000e-005	3.0000e-006
tblVehicleEF	HHD	0.08	0.08
tblVehicleEF	HHD	2.1700e-004	7.9100e-004
tblVehicleEF	HHD	0.05	1.0000e-006
tblVehicleEF	HHD	0.07	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	8.6000e-005	0.00
tblVehicleEF	HHD	8.5000e-005	5.0000e-006
tblVehicleEF	HHD	3.1910e-003	1.6000e-004
tblVehicleEF	HHD	0.97	0.50
tblVehicleEF	HHD	5.2000e-005	3.0000e-006
tblVehicleEF	HHD	0.13	0.23
tblVehicleEF	HHD	2.1700e-004	7.9100e-004
tblVehicleEF	HHD	0.06	1.0000e-006
tblVehicleEF	HHD	1.14	0.03

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tblVehicleEF	HHD	0.04	0.14
tblVehicleEF	HHD	0.09	0.00
tblVehicleEF	HHD	2.39	5.82
tblVehicleEF	HHD	0.57	0.67
tblVehicleEF	HHD	1.70	3.5770e-003
tblVehicleEF	HHD	7,345.18	1,121.04
tblVehicleEF	HHD	1,475.79	1,484.27
tblVehicleEF	HHD	5.54	0.03
tblVehicleEF	HHD	27.35	5.90
tblVehicleEF	HHD	2.36	3.23
tblVehicleEF	HHD	20.20	2.10
tblVehicleEF	HHD	8.2750e-003	3.1750e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.01	0.03
tblVehicleEF	HHD	5.1000e-005	1.0000e-006
tblVehicleEF	HHD	7.9170e-003	3.0380e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8810e-003	8.8310e-003
tblVehicleEF	HHD	0.01	0.03
tblVehicleEF	HHD	4.7000e-005	1.0000e-006
tblVehicleEF	HHD	1.6800e-004	1.0000e-005
tblVehicleEF	HHD	3.5970e-003	1.8200e-004
tblVehicleEF	HHD	0.79	0.45
tblVehicleEF	HHD	1.1700e-004	7.0000e-006
tblVehicleEF	HHD	0.08	0.08
tblVehicleEF	HHD	2.2100e-004	8.1200e-004

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tblVehicleEF	HHD	0.05	1.0000e-006
tblVehicleEF	HHD	0.07	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	8.4000e-005	0.00
tblVehicleEF	HHD	1.6800e-004	1.0000e-005
tblVehicleEF	HHD	3.5970e-003	1.8200e-004
tblVehicleEF	HHD	0.91	0.52
tblVehicleEF	HHD	1.1700e-004	7.0000e-006
tblVehicleEF	HHD	0.13	0.23
tblVehicleEF	HHD	2.2100e-004	8.1200e-004
tblVehicleEF	HHD	0.06	1.0000e-006
tblVehicleEF	HHD	1.31	0.02
tblVehicleEF	HHD	0.04	3.3680e-003
tblVehicleEF	HHD	0.10	0.00
tblVehicleEF	HHD	4.53	5.98
tblVehicleEF	HHD	0.57	0.33
tblVehicleEF	HHD	1.79	3.7590e-003
tblVehicleEF	HHD	6,364.76	1,097.48
tblVehicleEF	HHD	1,475.79	1,393.36
tblVehicleEF	HHD	5.54	0.03
tblVehicleEF	HHD	25.32	6.13
tblVehicleEF	HHD	2.46	3.28
tblVehicleEF	HHD	20.20	2.10
tblVehicleEF	HHD	0.01	3.8650e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.03
tblVehicleEF	HHD	0.01	0.03

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tblVehicleEF	HHD	5.1000e-005	1.0000e-006
tblVehicleEF	HHD	0.01	3.6980e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8810e-003	8.6000e-003
tblVehicleEF	HHD	0.01	0.03
tblVehicleEF	HHD	4.7000e-005	1.0000e-006
tblVehicleEF	HHD	8.5000e-005	5.0000e-006
tblVehicleEF	HHD	3.4760e-003	1.8700e-004
tblVehicleEF	HHD	0.91	0.40
tblVehicleEF	HHD	5.2000e-005	3.0000e-006
tblVehicleEF	HHD	0.08	0.07
tblVehicleEF	HHD	2.3300e-004	8.2900e-004
tblVehicleEF	HHD	0.05	1.0000e-006
tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	8.5000e-005	0.00
tblVehicleEF	HHD	8.5000e-005	5.0000e-006
tblVehicleEF	HHD	3.4760e-003	1.8700e-004
tblVehicleEF	HHD	1.05	0.46
tblVehicleEF	HHD	5.2000e-005	3.0000e-006
tblVehicleEF	HHD	0.13	0.08
tblVehicleEF	HHD	2.3300e-004	8.2900e-004
tblVehicleEF	HHD	0.06	1.0000e-006
tblVehicleEF	LDA	4.2030e-003	2.5110e-003
tblVehicleEF	LDA	5.6230e-003	0.05
tblVehicleEF	LDA	0.57	0.67
tblVehicleEF	LDA	1.19	2.11

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tblVehicleEF	LDA	251.29	265.15
tblVehicleEF	LDA	57.15	54.12
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.08	0.18
tblVehicleEF	LDA	1.6780e-003	1.5210e-003
tblVehicleEF	LDA	2.2790e-003	1.8570e-003
tblVehicleEF	LDA	1.5460e-003	1.4000e-003
tblVehicleEF	LDA	2.0960e-003	1.7080e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.01	9.5370e-003
tblVehicleEF	LDA	0.03	0.21
tblVehicleEF	LDA	0.08	0.22
tblVehicleEF	LDA	2.5170e-003	2.6060e-003
tblVehicleEF	LDA	5.9200e-004	5.3200e-004
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.02	0.01
tblVehicleEF	LDA	0.03	0.21
tblVehicleEF	LDA	0.08	0.24
tblVehicleEF	LDA	4.7900e-003	2.8350e-003
tblVehicleEF	LDA	4.6890e-003	0.04
tblVehicleEF	LDA	0.71	0.81
tblVehicleEF	LDA	0.99	1.78
tblVehicleEF	LDA	274.94	287.11

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tblVehicleEF	LDA	57.15	53.48
tblVehicleEF	LDA	0.05	0.03
tblVehicleEF	LDA	0.07	0.17
tblVehicleEF	LDA	1.6780e-003	1.5210e-003
tblVehicleEF	LDA	2.2790e-003	1.8570e-003
tblVehicleEF	LDA	1.5460e-003	1.4000e-003
tblVehicleEF	LDA	2.0960e-003	1.7080e-003
tblVehicleEF	LDA	0.09	0.11
tblVehicleEF	LDA	0.12	0.11
tblVehicleEF	LDA	0.07	0.09
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.03	0.21
tblVehicleEF	LDA	0.06	0.19
tblVehicleEF	LDA	2.7550e-003	2.8220e-003
tblVehicleEF	LDA	5.8800e-004	5.2600e-004
tblVehicleEF	LDA	0.09	0.11
tblVehicleEF	LDA	0.12	0.11
tblVehicleEF	LDA	0.07	0.09
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.03	0.21
tblVehicleEF	LDA	0.07	0.21
tblVehicleEF	LDA	4.0860e-003	2.4590e-003
tblVehicleEF	LDA	5.5870e-003	0.05
tblVehicleEF	LDA	0.54	0.64
tblVehicleEF	LDA	1.18	2.12
tblVehicleEF	LDA	245.70	261.06
tblVehicleEF	LDA	57.15	54.13

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tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.08	0.18
tblVehicleEF	LDA	1.6780e-003	1.5210e-003
tblVehicleEF	LDA	2.2790e-003	1.8570e-003
tblVehicleEF	LDA	1.5460e-003	1.4000e-003
tblVehicleEF	LDA	2.0960e-003	1.7080e-003
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.11	0.11
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.01	9.3400e-003
tblVehicleEF	LDA	0.04	0.24
tblVehicleEF	LDA	0.08	0.22
tblVehicleEF	LDA	2.4600e-003	2.5660e-003
tblVehicleEF	LDA	5.9100e-004	5.3200e-004
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.11	0.11
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.24
tblVehicleEF	LDA	0.08	0.24
tblVehicleEF	LDT1	0.01	7.5760e-003
tblVehicleEF	LDT1	0.02	0.08
tblVehicleEF	LDT1	1.54	1.52
tblVehicleEF	LDT1	3.61	2.39
tblVehicleEF	LDT1	313.68	314.63
tblVehicleEF	LDT1	70.93	65.70
tblVehicleEF	LDT1	0.16	0.13

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tblVehicleEF	LDT1	0.22	0.30
tblVehicleEF	LDT1	2.7050e-003	2.3430e-003
tblVehicleEF	LDT1	3.6920e-003	2.8390e-003
tblVehicleEF	LDT1	2.4910e-003	2.1560e-003
tblVehicleEF	LDT1	3.3960e-003	2.6100e-003
tblVehicleEF	LDT1	0.18	0.19
tblVehicleEF	LDT1	0.33	0.26
tblVehicleEF	LDT1	0.13	0.14
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.20	0.86
tblVehicleEF	LDT1	0.26	0.42
tblVehicleEF	LDT1	3.1570e-003	3.0930e-003
tblVehicleEF	LDT1	7.7300e-004	6.4600e-004
tblVehicleEF	LDT1	0.18	0.19
tblVehicleEF	LDT1	0.33	0.26
tblVehicleEF	LDT1	0.13	0.14
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.20	0.86
tblVehicleEF	LDT1	0.28	0.47
tblVehicleEF	LDT1	0.02	8.4640e-003
tblVehicleEF	LDT1	0.02	0.07
tblVehicleEF	LDT1	1.85	1.81
tblVehicleEF	LDT1	2.97	2.00
tblVehicleEF	LDT1	341.75	337.48
tblVehicleEF	LDT1	70.93	64.87
tblVehicleEF	LDT1	0.14	0.11
tblVehicleEF	LDT1	0.20	0.28

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tblVehicleEF	LDT1	2.7050e-003	2.3430e-003
tblVehicleEF	LDT1	3.6920e-003	2.8390e-003
tblVehicleEF	LDT1	2.4910e-003	2.1560e-003
tblVehicleEF	LDT1	3.3960e-003	2.6100e-003
tblVehicleEF	LDT1	0.37	0.36
tblVehicleEF	LDT1	0.41	0.31
tblVehicleEF	LDT1	0.27	0.26
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.20	0.85
tblVehicleEF	LDT1	0.21	0.36
tblVehicleEF	LDT1	3.4420e-003	3.3180e-003
tblVehicleEF	LDT1	7.6200e-004	6.3800e-004
tblVehicleEF	LDT1	0.37	0.36
tblVehicleEF	LDT1	0.41	0.31
tblVehicleEF	LDT1	0.27	0.26
tblVehicleEF	LDT1	0.06	0.05
tblVehicleEF	LDT1	0.20	0.85
tblVehicleEF	LDT1	0.23	0.40
tblVehicleEF	LDT1	0.01	7.4310e-003
tblVehicleEF	LDT1	0.02	0.08
tblVehicleEF	LDT1	1.47	1.47
tblVehicleEF	LDT1	3.55	2.39
tblVehicleEF	LDT1	307.06	310.38
tblVehicleEF	LDT1	70.93	65.71
tblVehicleEF	LDT1	0.15	0.12
tblVehicleEF	LDT1	0.21	0.29
tblVehicleEF	LDT1	2.7050e-003	2.3430e-003

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tblVehicleEF	LDT1	3.6920e-003	2.8390e-003
tblVehicleEF	LDT1	2.4910e-003	2.1560e-003
tblVehicleEF	LDT1	3.3960e-003	2.6100e-003
tblVehicleEF	LDT1	0.19	0.19
tblVehicleEF	LDT1	0.39	0.30
tblVehicleEF	LDT1	0.12	0.13
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.23	1.00
tblVehicleEF	LDT1	0.25	0.43
tblVehicleEF	LDT1	3.0890e-003	3.0520e-003
tblVehicleEF	LDT1	7.7200e-004	6.4600e-004
tblVehicleEF	LDT1	0.19	0.19
tblVehicleEF	LDT1	0.39	0.30
tblVehicleEF	LDT1	0.12	0.13
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.23	1.00
tblVehicleEF	LDT1	0.28	0.47
tblVehicleEF	LDT2	6.3270e-003	4.4090e-003
tblVehicleEF	LDT2	8.1990e-003	0.07
tblVehicleEF	LDT2	0.80	1.00
tblVehicleEF	LDT2	1.67	2.71
tblVehicleEF	LDT2	351.15	335.59
tblVehicleEF	LDT2	79.39	70.25
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.14	0.30
tblVehicleEF	LDT2	1.7270e-003	1.6010e-003
tblVehicleEF	LDT2	2.4170e-003	1.9240e-003

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tblVehicleEF	LDT2	1.5880e-003	1.4740e-003
tblVehicleEF	LDT2	2.2220e-003	1.7690e-003
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.13	0.14
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.45
tblVehicleEF	LDT2	0.11	0.33
tblVehicleEF	LDT2	3.5180e-003	3.2990e-003
tblVehicleEF	LDT2	8.2200e-004	6.9100e-004
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.13	0.14
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.07	0.45
tblVehicleEF	LDT2	0.12	0.36
tblVehicleEF	LDT2	7.1840e-003	4.9540e-003
tblVehicleEF	LDT2	6.8290e-003	0.06
tblVehicleEF	LDT2	0.97	1.20
tblVehicleEF	LDT2	1.38	2.28
tblVehicleEF	LDT2	383.36	357.71
tblVehicleEF	LDT2	79.39	69.39
tblVehicleEF	LDT2	0.08	0.08
tblVehicleEF	LDT2	0.13	0.28
tblVehicleEF	LDT2	1.7270e-003	1.6010e-003
tblVehicleEF	LDT2	2.4170e-003	1.9240e-003
tblVehicleEF	LDT2	1.5880e-003	1.4740e-003

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tblVehicleEF	LDT2	2.2220e-003	1.7690e-003
tblVehicleEF	LDT2	0.13	0.18
tblVehicleEF	LDT2	0.15	0.16
tblVehicleEF	LDT2	0.11	0.15
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.45
tblVehicleEF	LDT2	0.09	0.29
tblVehicleEF	LDT2	3.8420e-003	3.5160e-003
tblVehicleEF	LDT2	8.1700e-004	6.8200e-004
tblVehicleEF	LDT2	0.13	0.18
tblVehicleEF	LDT2	0.15	0.16
tblVehicleEF	LDT2	0.11	0.15
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.07	0.45
tblVehicleEF	LDT2	0.10	0.31
tblVehicleEF	LDT2	6.1560e-003	4.3220e-003
tblVehicleEF	LDT2	8.1410e-003	0.07
tblVehicleEF	LDT2	0.75	0.96
tblVehicleEF	LDT2	1.64	2.72
tblVehicleEF	LDT2	343.55	331.47
tblVehicleEF	LDT2	79.39	70.27
tblVehicleEF	LDT2	0.08	0.08
tblVehicleEF	LDT2	0.14	0.30
tblVehicleEF	LDT2	1.7270e-003	1.6010e-003
tblVehicleEF	LDT2	2.4170e-003	1.9240e-003
tblVehicleEF	LDT2	1.5880e-003	1.4740e-003
tblVehicleEF	LDT2	2.2220e-003	1.7690e-003

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tblVehicleEF	LDT2	0.06	0.09
tblVehicleEF	LDT2	0.14	0.16
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.08	0.52
tblVehicleEF	LDT2	0.11	0.33
tblVehicleEF	LDT2	3.4410e-003	3.2580e-003
tblVehicleEF	LDT2	8.2200e-004	6.9100e-004
tblVehicleEF	LDT2	0.06	0.09
tblVehicleEF	LDT2	0.14	0.16
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.08	0.52
tblVehicleEF	LDT2	0.12	0.37
tblVehicleEF	LHD1	5.2170e-003	5.0850e-003
tblVehicleEF	LHD1	0.01	6.1020e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	1.07	0.75
tblVehicleEF	LHD1	2.60	1.03
tblVehicleEF	LHD1	9.23	9.25
tblVehicleEF	LHD1	609.20	652.45
tblVehicleEF	LHD1	30.40	11.21
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	2.12	1.25
tblVehicleEF	LHD1	0.99	0.32
tblVehicleEF	LHD1	9.6500e-004	8.9000e-004

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tblVehicleEF	LHD1	0.01	9.8770e-003
tblVehicleEF	LHD1	0.01	9.8260e-003
tblVehicleEF	LHD1	9.5800e-004	2.6000e-004
tblVehicleEF	LHD1	9.2400e-004	8.5100e-004
tblVehicleEF	LHD1	2.5390e-003	2.4690e-003
tblVehicleEF	LHD1	0.01	9.3750e-003
tblVehicleEF	LHD1	8.8100e-004	2.3900e-004
tblVehicleEF	LHD1	3.7070e-003	3.0390e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.8240e-003	1.5810e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.35	0.55
tblVehicleEF	LHD1	0.27	0.08
tblVehicleEF	LHD1	9.2000e-005	9.0000e-005
tblVehicleEF	LHD1	5.9760e-003	6.3570e-003
tblVehicleEF	LHD1	3.5300e-004	1.1100e-004
tblVehicleEF	LHD1	3.7070e-003	3.0390e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.8240e-003	1.5810e-003
tblVehicleEF	LHD1	0.10	0.08
tblVehicleEF	LHD1	0.35	0.55
tblVehicleEF	LHD1	0.29	0.09
tblVehicleEF	LHD1	5.2170e-003	5.0990e-003
tblVehicleEF	LHD1	0.01	6.2280e-003
tblVehicleEF	LHD1	0.02	0.02

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tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	1.09	0.76
tblVehicleEF	LHD1	2.43	0.98
tblVehicleEF	LHD1	9.23	9.25
tblVehicleEF	LHD1	609.20	652.47
tblVehicleEF	LHD1	30.40	11.12
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	1.98	1.17
tblVehicleEF	LHD1	0.94	0.31
tblVehicleEF	LHD1	9.6500e-004	8.9000e-004
tblVehicleEF	LHD1	0.01	9.8770e-003
tblVehicleEF	LHD1	0.01	9.8260e-003
tblVehicleEF	LHD1	9.5800e-004	2.6000e-004
tblVehicleEF	LHD1	9.2400e-004	8.5100e-004
tblVehicleEF	LHD1	2.5390e-003	2.4690e-003
tblVehicleEF	LHD1	0.01	9.3750e-003
tblVehicleEF	LHD1	8.8100e-004	2.3900e-004
tblVehicleEF	LHD1	7.3080e-003	5.4780e-003
tblVehicleEF	LHD1	0.13	0.10
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	4.1220e-003	3.0450e-003
tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	0.36	0.56
tblVehicleEF	LHD1	0.25	0.08
tblVehicleEF	LHD1	9.2000e-005	9.0000e-005
tblVehicleEF	LHD1	5.9770e-003	6.3570e-003
tblVehicleEF	LHD1	3.5000e-004	1.1000e-004

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tblVehicleEF	LHD1	7.3080e-003	5.4780e-003
tblVehicleEF	LHD1	0.13	0.10
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	4.1220e-003	3.0450e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.36	0.56
tblVehicleEF	LHD1	0.28	0.08
tblVehicleEF	LHD1	5.2170e-003	5.0870e-003
tblVehicleEF	LHD1	0.01	6.1100e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	1.07	0.75
tblVehicleEF	LHD1	2.55	1.02
tblVehicleEF	LHD1	9.23	9.25
tblVehicleEF	LHD1	609.20	652.45
tblVehicleEF	LHD1	30.40	11.20
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	2.08	1.23
tblVehicleEF	LHD1	0.97	0.31
tblVehicleEF	LHD1	9.6500e-004	8.9000e-004
tblVehicleEF	LHD1	0.01	9.8770e-003
tblVehicleEF	LHD1	0.01	9.8260e-003
tblVehicleEF	LHD1	9.5800e-004	2.6000e-004
tblVehicleEF	LHD1	9.2400e-004	8.5100e-004
tblVehicleEF	LHD1	2.5390e-003	2.4690e-003
tblVehicleEF	LHD1	0.01	9.3750e-003
tblVehicleEF	LHD1	8.8100e-004	2.3900e-004

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tblVehicleEF	LHD1	4.0430e-003	3.1520e-003
tblVehicleEF	LHD1	0.13	0.10
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.7940e-003	1.6100e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.38	0.60
tblVehicleEF	LHD1	0.26	0.08
tblVehicleEF	LHD1	9.2000e-005	9.0000e-005
tblVehicleEF	LHD1	5.9760e-003	6.3570e-003
tblVehicleEF	LHD1	3.5200e-004	1.1100e-004
tblVehicleEF	LHD1	4.0430e-003	3.1520e-003
tblVehicleEF	LHD1	0.13	0.10
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.7940e-003	1.6100e-003
tblVehicleEF	LHD1	0.10	0.08
tblVehicleEF	LHD1	0.38	0.60
tblVehicleEF	LHD1	0.29	0.09
tblVehicleEF	LHD2	3.5950e-003	3.6950e-003
tblVehicleEF	LHD2	4.6110e-003	4.1040e-003
tblVehicleEF	LHD2	8.1370e-003	0.01
tblVehicleEF	LHD2	0.12	0.15
tblVehicleEF	LHD2	0.50	0.50
tblVehicleEF	LHD2	1.20	0.67
tblVehicleEF	LHD2	14.27	14.14
tblVehicleEF	LHD2	608.52	665.25
tblVehicleEF	LHD2	24.46	8.76
tblVehicleEF	LHD2	0.11	0.10

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tblVehicleEF	LHD2	1.49	1.36
tblVehicleEF	LHD2	0.53	0.22
tblVehicleEF	LHD2	1.2830e-003	1.3100e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.0000e-004	1.3700e-004
tblVehicleEF	LHD2	1.2280e-003	1.2540e-003
tblVehicleEF	LHD2	2.6860e-003	2.6560e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.6800e-004	1.2600e-004
tblVehicleEF	LHD2	1.3070e-003	1.7040e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	7.0300e-004	9.2000e-004
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.09	0.32
tblVehicleEF	LHD2	0.11	0.05
tblVehicleEF	LHD2	1.3900e-004	1.3500e-004
tblVehicleEF	LHD2	5.9200e-003	6.4300e-003
tblVehicleEF	LHD2	2.6700e-004	8.7000e-005
tblVehicleEF	LHD2	1.3070e-003	1.7040e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.0300e-004	9.2000e-004
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.09	0.32
tblVehicleEF	LHD2	0.12	0.06

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tblVehicleEF	LHD2	3.5950e-003	3.7050e-003
tblVehicleEF	LHD2	4.6760e-003	4.1460e-003
tblVehicleEF	LHD2	7.7630e-003	0.01
tblVehicleEF	LHD2	0.12	0.15
tblVehicleEF	LHD2	0.50	0.50
tblVehicleEF	LHD2	1.13	0.64
tblVehicleEF	LHD2	14.27	14.14
tblVehicleEF	LHD2	608.52	665.25
tblVehicleEF	LHD2	24.46	8.70
tblVehicleEF	LHD2	0.11	0.10
tblVehicleEF	LHD2	1.40	1.28
tblVehicleEF	LHD2	0.50	0.21
tblVehicleEF	LHD2	1.2830e-003	1.3100e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.0000e-004	1.3700e-004
tblVehicleEF	LHD2	1.2280e-003	1.2540e-003
tblVehicleEF	LHD2	2.6860e-003	2.6560e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.6800e-004	1.2600e-004
tblVehicleEF	LHD2	2.5220e-003	3.0730e-003
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.5220e-003	1.7630e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.09	0.32
tblVehicleEF	LHD2	0.10	0.05

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tblVehicleEF	LHD2	1.3900e-004	1.3500e-004
tblVehicleEF	LHD2	5.9200e-003	6.4300e-003
tblVehicleEF	LHD2	2.6500e-004	8.6000e-005
tblVehicleEF	LHD2	2.5220e-003	3.0730e-003
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.5220e-003	1.7630e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.09	0.32
tblVehicleEF	LHD2	0.11	0.05
tblVehicleEF	LHD2	3.5950e-003	3.6960e-003
tblVehicleEF	LHD2	4.6180e-003	4.1080e-003
tblVehicleEF	LHD2	8.0640e-003	0.01
tblVehicleEF	LHD2	0.12	0.15
tblVehicleEF	LHD2	0.50	0.50
tblVehicleEF	LHD2	1.19	0.67
tblVehicleEF	LHD2	14.27	14.14
tblVehicleEF	LHD2	608.52	665.25
tblVehicleEF	LHD2	24.46	8.75
tblVehicleEF	LHD2	0.11	0.10
tblVehicleEF	LHD2	1.46	1.33
tblVehicleEF	LHD2	0.52	0.22
tblVehicleEF	LHD2	1.2830e-003	1.3100e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.0000e-004	1.3700e-004
tblVehicleEF	LHD2	1.2280e-003	1.2540e-003

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tblVehicleEF	LHD2	2.6860e-003	2.6560e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.6800e-004	1.2600e-004
tblVehicleEF	LHD2	1.3460e-003	1.7140e-003
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	6.8700e-004	9.2200e-004
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.10	0.34
tblVehicleEF	LHD2	0.11	0.05
tblVehicleEF	LHD2	1.3900e-004	1.3500e-004
tblVehicleEF	LHD2	5.9200e-003	6.4300e-003
tblVehicleEF	LHD2	2.6600e-004	8.7000e-005
tblVehicleEF	LHD2	1.3460e-003	1.7140e-003
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.8700e-004	9.2200e-004
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.10	0.34
tblVehicleEF	LHD2	0.12	0.06
tblVehicleEF	MCY	0.43	0.34
tblVehicleEF	MCY	0.16	0.24
tblVehicleEF	MCY	20.55	19.26
tblVehicleEF	MCY	9.93	8.60
tblVehicleEF	MCY	167.73	212.03
tblVehicleEF	MCY	46.45	60.73
tblVehicleEF	MCY	1.16	1.13

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tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	1.8610e-003	1.9650e-003
tblVehicleEF	MCY	3.6730e-003	2.9600e-003
tblVehicleEF	MCY	1.7420e-003	1.8380e-003
tblVehicleEF	MCY	3.4650e-003	2.7870e-003
tblVehicleEF	MCY	1.45	1.42
tblVehicleEF	MCY	0.84	0.80
tblVehicleEF	MCY	0.80	0.78
tblVehicleEF	MCY	2.23	2.33
tblVehicleEF	MCY	0.49	1.91
tblVehicleEF	MCY	2.16	1.84
tblVehicleEF	MCY	2.0770e-003	2.0980e-003
tblVehicleEF	MCY	6.9000e-004	6.0100e-004
tblVehicleEF	MCY	1.45	1.42
tblVehicleEF	MCY	0.84	0.80
tblVehicleEF	MCY	0.80	0.78
tblVehicleEF	MCY	2.74	2.87
tblVehicleEF	MCY	0.49	1.91
tblVehicleEF	MCY	2.35	2.01
tblVehicleEF	MCY	0.42	0.34
tblVehicleEF	MCY	0.14	0.21
tblVehicleEF	MCY	20.68	19.28
tblVehicleEF	MCY	9.05	7.90
tblVehicleEF	MCY	167.73	211.90
tblVehicleEF	MCY	46.45	58.88
tblVehicleEF	MCY	0.99	0.97
tblVehicleEF	MCY	0.29	0.25

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tblVehicleEF	MCY	1.8610e-003	1.9650e-003
tblVehicleEF	MCY	3.6730e-003	2.9600e-003
tblVehicleEF	MCY	1.7420e-003	1.8380e-003
tblVehicleEF	MCY	3.4650e-003	2.7870e-003
tblVehicleEF	MCY	3.14	2.77
tblVehicleEF	MCY	1.27	1.11
tblVehicleEF	MCY	2.13	1.77
tblVehicleEF	MCY	2.17	2.28
tblVehicleEF	MCY	0.49	1.88
tblVehicleEF	MCY	1.86	1.62
tblVehicleEF	MCY	2.0770e-003	2.0970e-003
tblVehicleEF	MCY	6.6700e-004	5.8300e-004
tblVehicleEF	MCY	3.14	2.77
tblVehicleEF	MCY	1.27	1.11
tblVehicleEF	MCY	2.13	1.77
tblVehicleEF	MCY	2.67	2.81
tblVehicleEF	MCY	0.49	1.88
tblVehicleEF	MCY	2.02	1.76
tblVehicleEF	MCY	0.42	0.34
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	19.63	18.76
tblVehicleEF	MCY	9.55	8.44
tblVehicleEF	MCY	167.73	211.17
tblVehicleEF	MCY	46.45	60.38
tblVehicleEF	MCY	1.12	1.09
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	1.8610e-003	1.9650e-003

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tblVehicleEF	MCY	3.6730e-003	2.9600e-003
tblVehicleEF	MCY	1.7420e-003	1.8380e-003
tblVehicleEF	MCY	3.4650e-003	2.7870e-003
tblVehicleEF	MCY	1.71	1.57
tblVehicleEF	MCY	1.13	1.06
tblVehicleEF	MCY	0.72	0.74
tblVehicleEF	MCY	2.19	2.31
tblVehicleEF	MCY	0.56	2.18
tblVehicleEF	MCY	2.08	1.81
tblVehicleEF	MCY	2.0610e-003	2.0900e-003
tblVehicleEF	MCY	6.8200e-004	5.9800e-004
tblVehicleEF	MCY	1.71	1.57
tblVehicleEF	MCY	1.13	1.06
tblVehicleEF	MCY	0.72	0.74
tblVehicleEF	MCY	2.69	2.84
tblVehicleEF	MCY	0.56	2.18
tblVehicleEF	MCY	2.27	1.98
tblVehicleEF	MDV	0.01	5.5200e-003
tblVehicleEF	MDV	0.02	0.09
tblVehicleEF	MDV	1.35	1.14
tblVehicleEF	MDV	3.25	3.25
tblVehicleEF	MDV	483.94	415.10
tblVehicleEF	MDV	107.92	87.32
tblVehicleEF	MDV	0.17	0.11
tblVehicleEF	MDV	0.32	0.38
tblVehicleEF	MDV	1.8260e-003	1.6850e-003
tblVehicleEF	MDV	2.5170e-003	2.0310e-003

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tblVehicleEF	MDV	1.6830e-003	1.5540e-003
tblVehicleEF	MDV	2.3150e-003	1.8680e-003
tblVehicleEF	MDV	0.10	0.11
tblVehicleEF	MDV	0.20	0.17
tblVehicleEF	MDV	0.08	0.10
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.50
tblVehicleEF	MDV	0.25	0.44
tblVehicleEF	MDV	4.8500e-003	4.0780e-003
tblVehicleEF	MDV	1.1370e-003	8.5900e-004
tblVehicleEF	MDV	0.10	0.11
tblVehicleEF	MDV	0.20	0.17
tblVehicleEF	MDV	0.08	0.10
tblVehicleEF	MDV	0.05	0.03
tblVehicleEF	MDV	0.11	0.50
tblVehicleEF	MDV	0.28	0.48
tblVehicleEF	MDV	0.01	6.2110e-003
tblVehicleEF	MDV	0.02	0.08
tblVehicleEF	MDV	1.64	1.35
tblVehicleEF	MDV	2.69	2.72
tblVehicleEF	MDV	526.85	438.45
tblVehicleEF	MDV	107.92	86.27
tblVehicleEF	MDV	0.16	0.10
tblVehicleEF	MDV	0.30	0.35
tblVehicleEF	MDV	1.8260e-003	1.6850e-003
tblVehicleEF	MDV	2.5170e-003	2.0310e-003
tblVehicleEF	MDV	1.6830e-003	1.5540e-003

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tblVehicleEF	MDV	2.3150e-003	1.8680e-003
tblVehicleEF	MDV	0.20	0.21
tblVehicleEF	MDV	0.23	0.19
tblVehicleEF	MDV	0.17	0.19
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.11	0.49
tblVehicleEF	MDV	0.21	0.38
tblVehicleEF	MDV	5.2830e-003	4.3080e-003
tblVehicleEF	MDV	1.1260e-003	8.4800e-004
tblVehicleEF	MDV	0.20	0.21
tblVehicleEF	MDV	0.23	0.19
tblVehicleEF	MDV	0.17	0.19
tblVehicleEF	MDV	0.05	0.04
tblVehicleEF	MDV	0.11	0.49
tblVehicleEF	MDV	0.23	0.41
tblVehicleEF	MDV	0.01	5.4050e-003
tblVehicleEF	MDV	0.02	0.09
tblVehicleEF	MDV	1.28	1.09
tblVehicleEF	MDV	3.20	3.26
tblVehicleEF	MDV	473.93	410.75
tblVehicleEF	MDV	107.92	87.35
tblVehicleEF	MDV	0.16	0.10
tblVehicleEF	MDV	0.32	0.38
tblVehicleEF	MDV	1.8260e-003	1.6850e-003
tblVehicleEF	MDV	2.5170e-003	2.0310e-003
tblVehicleEF	MDV	1.6830e-003	1.5540e-003
tblVehicleEF	MDV	2.3150e-003	1.8680e-003

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tblVehicleEF	MDV	0.10	0.11
tblVehicleEF	MDV	0.22	0.18
tblVehicleEF	MDV	0.08	0.10
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.13	0.57
tblVehicleEF	MDV	0.25	0.44
tblVehicleEF	MDV	4.7490e-003	4.0360e-003
tblVehicleEF	MDV	1.1360e-003	8.5900e-004
tblVehicleEF	MDV	0.10	0.11
tblVehicleEF	MDV	0.22	0.18
tblVehicleEF	MDV	0.08	0.10
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.13	0.57
tblVehicleEF	MDV	0.27	0.48
tblVehicleEF	MH	0.04	3.6580e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	3.07	0.35
tblVehicleEF	MH	6.43	0.00
tblVehicleEF	MH	1,045.05	970.21
tblVehicleEF	MH	59.49	0.00
tblVehicleEF	MH	1.54	4.24
tblVehicleEF	MH	0.91	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.11
tblVehicleEF	MH	1.1740e-003	0.00
tblVehicleEF	MH	3.2230e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.11

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tblVehicleEF	MH	1.0790e-003	0.00
tblVehicleEF	MH	1.47	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.51	0.00
tblVehicleEF	MH	0.10	0.08
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.37	0.00
tblVehicleEF	MH	0.01	9.1720e-003
tblVehicleEF	MH	7.0700e-004	0.00
tblVehicleEF	MH	1.47	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.51	0.00
tblVehicleEF	MH	0.14	0.09
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.40	0.00
tblVehicleEF	MH	0.04	3.6580e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	3.19	0.35
tblVehicleEF	MH	5.84	0.00
tblVehicleEF	MH	1,045.05	970.21
tblVehicleEF	MH	59.49	0.00
tblVehicleEF	MH	1.41	4.00
tblVehicleEF	MH	0.86	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.11
tblVehicleEF	MH	1.1740e-003	0.00
tblVehicleEF	MH	3.2230e-003	4.0000e-003

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tblVehicleEF	MH	0.04	0.11
tblVehicleEF	MH	1.0790e-003	0.00
tblVehicleEF	MH	2.91	0.00
tblVehicleEF	MH	0.11	0.00
tblVehicleEF	MH	1.21	0.00
tblVehicleEF	MH	0.11	0.08
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.34	0.00
tblVehicleEF	MH	0.01	9.1720e-003
tblVehicleEF	MH	6.9700e-004	0.00
tblVehicleEF	MH	2.91	0.00
tblVehicleEF	MH	0.11	0.00
tblVehicleEF	MH	1.21	0.00
tblVehicleEF	MH	0.15	0.09
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.04	3.6580e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	3.08	0.35
tblVehicleEF	MH	6.36	0.00
tblVehicleEF	MH	1,045.05	970.21
tblVehicleEF	MH	59.49	0.00
tblVehicleEF	MH	1.51	4.17
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.11
tblVehicleEF	MH	1.1740e-003	0.00

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tblVehicleEF	MH	3.2230e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.11
tblVehicleEF	MH	1.0790e-003	0.00
tblVehicleEF	MH	1.75	0.00
tblVehicleEF	MH	0.11	0.00
tblVehicleEF	MH	0.53	0.00
tblVehicleEF	MH	0.10	0.08
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.37	0.00
tblVehicleEF	MH	0.01	9.1720e-003
tblVehicleEF	MH	7.0600e-004	0.00
tblVehicleEF	MH	1.75	0.00
tblVehicleEF	MH	0.11	0.00
tblVehicleEF	MH	0.53	0.00
tblVehicleEF	MH	0.15	0.09
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.40	0.00
tblVehicleEF	MHD	0.02	2.5070e-003
tblVehicleEF	MHD	3.5160e-003	3.3210e-003
tblVehicleEF	MHD	0.05	6.4670e-003
tblVehicleEF	MHD	0.32	0.31
tblVehicleEF	MHD	0.27	0.32
tblVehicleEF	MHD	5.32	0.74
tblVehicleEF	MHD	156.91	68.92
tblVehicleEF	MHD	1,101.52	974.57
tblVehicleEF	MHD	52.43	6.35
tblVehicleEF	MHD	0.60	0.52

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tblVehicleEF	MHD	0.99	1.61
tblVehicleEF	MHD	11.88	1.50
tblVehicleEF	MHD	3.8600e-004	1.2310e-003
tblVehicleEF	MHD	5.0030e-003	0.04
tblVehicleEF	MHD	7.6400e-004	7.5000e-005
tblVehicleEF	MHD	3.6900e-004	1.1780e-003
tblVehicleEF	MHD	4.7830e-003	0.03
tblVehicleEF	MHD	7.0300e-004	6.9000e-005
tblVehicleEF	MHD	1.2800e-003	4.5300e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	6.5100e-004	2.4000e-004
tblVehicleEF	MHD	0.04	0.06
tblVehicleEF	MHD	0.02	0.08
tblVehicleEF	MHD	0.32	0.03
tblVehicleEF	MHD	1.5080e-003	6.5300e-004
tblVehicleEF	MHD	0.01	9.2620e-003
tblVehicleEF	MHD	6.1700e-004	6.3000e-005
tblVehicleEF	MHD	1.2800e-003	4.5300e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	6.5100e-004	2.4000e-004
tblVehicleEF	MHD	0.04	0.07
tblVehicleEF	MHD	0.02	0.08
tblVehicleEF	MHD	0.35	0.04
tblVehicleEF	MHD	0.02	2.3860e-003
tblVehicleEF	MHD	3.5800e-003	3.3450e-003

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tblVehicleEF	MHD	0.05	6.2100e-003
tblVehicleEF	MHD	0.24	0.26
tblVehicleEF	MHD	0.28	0.33
tblVehicleEF	MHD	4.97	0.70
tblVehicleEF	MHD	166.20	69.59
tblVehicleEF	MHD	1,101.52	974.58
tblVehicleEF	MHD	52.43	6.28
tblVehicleEF	MHD	0.62	0.52
tblVehicleEF	MHD	0.92	1.52
tblVehicleEF	MHD	11.85	1.49
tblVehicleEF	MHD	3.2500e-004	1.0410e-003
tblVehicleEF	MHD	5.0030e-003	0.04
tblVehicleEF	MHD	7.6400e-004	7.5000e-005
tblVehicleEF	MHD	3.1100e-004	9.9600e-004
tblVehicleEF	MHD	4.7830e-003	0.03
tblVehicleEF	MHD	7.0300e-004	6.9000e-005
tblVehicleEF	MHD	2.5300e-003	8.2800e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.5010e-003	4.7800e-004
tblVehicleEF	MHD	0.04	0.06
tblVehicleEF	MHD	0.02	0.08
tblVehicleEF	MHD	0.30	0.03
tblVehicleEF	MHD	1.5950e-003	6.5900e-004
tblVehicleEF	MHD	0.01	9.2620e-003
tblVehicleEF	MHD	6.1100e-004	6.2000e-005
tblVehicleEF	MHD	2.5300e-003	8.2800e-004

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tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	1.5010e-003	4.7800e-004
tblVehicleEF	MHD	0.04	0.07
tblVehicleEF	MHD	0.02	0.08
tblVehicleEF	MHD	0.33	0.04
tblVehicleEF	MHD	0.02	2.6830e-003
tblVehicleEF	MHD	3.5220e-003	3.3210e-003
tblVehicleEF	MHD	0.05	6.4200e-003
tblVehicleEF	MHD	0.45	0.37
tblVehicleEF	MHD	0.27	0.32
tblVehicleEF	MHD	5.23	0.74
tblVehicleEF	MHD	144.06	68.00
tblVehicleEF	MHD	1,101.52	974.57
tblVehicleEF	MHD	52.43	6.34
tblVehicleEF	MHD	0.57	0.52
tblVehicleEF	MHD	0.97	1.59
tblVehicleEF	MHD	11.87	1.50
tblVehicleEF	MHD	4.7000e-004	1.4940e-003
tblVehicleEF	MHD	5.0030e-003	0.04
tblVehicleEF	MHD	7.6400e-004	7.5000e-005
tblVehicleEF	MHD	4.4900e-004	1.4300e-003
tblVehicleEF	MHD	4.7830e-003	0.03
tblVehicleEF	MHD	7.0300e-004	6.9000e-005
tblVehicleEF	MHD	1.3890e-003	4.7100e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.03	0.02

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tblVehicleEF	MHD	6.4000e-004	2.4400e-004
tblVehicleEF	MHD	0.04	0.06
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.32	0.03
tblVehicleEF	MHD	1.3860e-003	6.4400e-004
tblVehicleEF	MHD	0.01	9.2620e-003
tblVehicleEF	MHD	6.1600e-004	6.3000e-005
tblVehicleEF	MHD	1.3890e-003	4.7100e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	6.4000e-004	2.4400e-004
tblVehicleEF	MHD	0.04	0.07
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.35	0.04
tblVehicleEF	OBUS	0.01	8.8190e-003
tblVehicleEF	OBUS	9.9110e-003	6.5960e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.26	0.52
tblVehicleEF	OBUS	0.63	0.77
tblVehicleEF	OBUS	6.27	2.45
tblVehicleEF	OBUS	70.35	76.06
tblVehicleEF	OBUS	1,121.50	1,406.90
tblVehicleEF	OBUS	70.70	20.49
tblVehicleEF	OBUS	0.28	0.34
tblVehicleEF	OBUS	0.97	1.24
tblVehicleEF	OBUS	1.93	0.68
tblVehicleEF	OBUS	6.4000e-005	5.8900e-004

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tblVehicleEF	OBUS	4.6440e-003	0.01
tblVehicleEF	OBUS	9.2900e-004	2.1800e-004
tblVehicleEF	OBUS	6.1000e-005	5.6400e-004
tblVehicleEF	OBUS	4.4220e-003	0.01
tblVehicleEF	OBUS	8.5400e-004	2.0100e-004
tblVehicleEF	OBUS	2.1800e-003	2.6020e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	9.3100e-004	1.1160e-003
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	0.05	0.29
tblVehicleEF	OBUS	0.38	0.12
tblVehicleEF	OBUS	6.8400e-004	7.2500e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.1700e-004	2.0300e-004
tblVehicleEF	OBUS	2.1800e-003	2.6020e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	9.3100e-004	1.1160e-003
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	0.05	0.29
tblVehicleEF	OBUS	0.42	0.13
tblVehicleEF	OBUS	0.01	8.8750e-003
tblVehicleEF	OBUS	0.01	6.7350e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.26	0.51
tblVehicleEF	OBUS	0.65	0.79

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tblVehicleEF	OBUS	5.74	2.28
tblVehicleEF	OBUS	73.50	75.90
tblVehicleEF	OBUS	1,121.50	1,406.93
tblVehicleEF	OBUS	70.70	20.20
tblVehicleEF	OBUS	0.29	0.34
tblVehicleEF	OBUS	0.90	1.16
tblVehicleEF	OBUS	1.88	0.67
tblVehicleEF	OBUS	5.4000e-005	5.0100e-004
tblVehicleEF	OBUS	4.6440e-003	0.01
tblVehicleEF	OBUS	9.2900e-004	2.1800e-004
tblVehicleEF	OBUS	5.1000e-005	4.7900e-004
tblVehicleEF	OBUS	4.4220e-003	0.01
tblVehicleEF	OBUS	8.5400e-004	2.0100e-004
tblVehicleEF	OBUS	4.2350e-003	4.6860e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	2.1330e-003	2.2090e-003
tblVehicleEF	OBUS	0.05	0.05
tblVehicleEF	OBUS	0.05	0.29
tblVehicleEF	OBUS	0.36	0.11
tblVehicleEF	OBUS	7.1400e-004	7.2400e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.0800e-004	2.0000e-004
tblVehicleEF	OBUS	4.2350e-003	4.6860e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	2.1330e-003	2.2090e-003

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tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	0.05	0.29
tblVehicleEF	OBUS	0.40	0.12
tblVehicleEF	OBUS	0.01	8.7740e-003
tblVehicleEF	OBUS	9.9380e-003	6.6000e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.28	0.53
tblVehicleEF	OBUS	0.63	0.77
tblVehicleEF	OBUS	6.22	2.45
tblVehicleEF	OBUS	66.00	76.30
tblVehicleEF	OBUS	1,121.50	1,406.90
tblVehicleEF	OBUS	70.70	20.50
tblVehicleEF	OBUS	0.27	0.35
tblVehicleEF	OBUS	0.96	1.22
tblVehicleEF	OBUS	1.91	0.68
tblVehicleEF	OBUS	7.7000e-005	7.1200e-004
tblVehicleEF	OBUS	4.6440e-003	0.01
tblVehicleEF	OBUS	9.2900e-004	2.1800e-004
tblVehicleEF	OBUS	7.4000e-005	6.8100e-004
tblVehicleEF	OBUS	4.4220e-003	0.01
tblVehicleEF	OBUS	8.5400e-004	2.0100e-004
tblVehicleEF	OBUS	2.3200e-003	2.7390e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	9.4100e-004	1.1650e-003
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	0.05	0.30

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tblVehicleEF	OBUS	0.38	0.12
tblVehicleEF	OBUS	6.4200e-004	7.2700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.1600e-004	2.0300e-004
tblVehicleEF	OBUS	2.3200e-003	2.7390e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	9.4100e-004	1.1650e-003
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	0.05	0.30
tblVehicleEF	OBUS	0.42	0.13
tblVehicleEF	SBUS	0.84	0.06
tblVehicleEF	SBUS	0.01	8.5840e-003
tblVehicleEF	SBUS	0.07	6.1570e-003
tblVehicleEF	SBUS	5.71	2.50
tblVehicleEF	SBUS	0.65	0.78
tblVehicleEF	SBUS	5.33	0.82
tblVehicleEF	SBUS	1,258.13	345.06
tblVehicleEF	SBUS	1,136.31	1,112.17
tblVehicleEF	SBUS	37.11	4.79
tblVehicleEF	SBUS	11.70	3.29
tblVehicleEF	SBUS	4.77	5.20
tblVehicleEF	SBUS	15.02	0.91
tblVehicleEF	SBUS	0.01	4.3580e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	5.1700e-004	4.0000e-005

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tblVehicleEF	SBUS	0.01	4.1690e-003
tblVehicleEF	SBUS	2.7560e-003	2.7010e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	4.7500e-004	3.6000e-005
tblVehicleEF	SBUS	2.9260e-003	1.2420e-003
tblVehicleEF	SBUS	0.02	9.5120e-003
tblVehicleEF	SBUS	0.68	0.28
tblVehicleEF	SBUS	1.3050e-003	5.9000e-004
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	9.3510e-003	0.06
tblVehicleEF	SBUS	0.27	0.04
tblVehicleEF	SBUS	0.01	3.2890e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	4.6300e-004	4.7000e-005
tblVehicleEF	SBUS	2.9260e-003	1.2420e-003
tblVehicleEF	SBUS	0.02	9.5120e-003
tblVehicleEF	SBUS	0.97	0.40
tblVehicleEF	SBUS	1.3050e-003	5.9000e-004
tblVehicleEF	SBUS	0.13	0.13
tblVehicleEF	SBUS	9.3510e-003	0.06
tblVehicleEF	SBUS	0.30	0.04
tblVehicleEF	SBUS	0.84	0.06
tblVehicleEF	SBUS	0.01	8.7140e-003
tblVehicleEF	SBUS	0.06	5.1550e-003
tblVehicleEF	SBUS	5.56	2.47
tblVehicleEF	SBUS	0.66	0.80
tblVehicleEF	SBUS	3.65	0.60

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tblVehicleEF	SBUS	1,322.00	352.98
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tblVehicleEF	SBUS	12.08	3.36
tblVehicleEF	SBUS	4.47	4.88
tblVehicleEF	SBUS	14.99	0.90
tblVehicleEF	SBUS	0.01	3.6810e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	5.1700e-004	4.0000e-005
tblVehicleEF	SBUS	9.6490e-003	3.5220e-003
tblVehicleEF	SBUS	2.7560e-003	2.7010e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	4.7500e-004	3.6000e-005
tblVehicleEF	SBUS	5.6170e-003	2.2080e-003
tblVehicleEF	SBUS	0.02	9.9850e-003
tblVehicleEF	SBUS	0.67	0.28
tblVehicleEF	SBUS	2.8800e-003	1.1130e-003
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	8.5310e-003	0.06
tblVehicleEF	SBUS	0.22	0.03
tblVehicleEF	SBUS	0.01	3.3630e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	4.3500e-004	4.4000e-005
tblVehicleEF	SBUS	5.6170e-003	2.2080e-003
tblVehicleEF	SBUS	0.02	9.9850e-003
tblVehicleEF	SBUS	0.97	0.40

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tblVehicleEF	SBUS	2.8800e-003	1.1130e-003
tblVehicleEF	SBUS	0.13	0.13
tblVehicleEF	SBUS	8.5310e-003	0.06
tblVehicleEF	SBUS	0.24	0.03
tblVehicleEF	SBUS	0.84	0.06
tblVehicleEF	SBUS	0.01	8.5760e-003
tblVehicleEF	SBUS	0.07	6.3440e-003
tblVehicleEF	SBUS	5.91	2.56
tblVehicleEF	SBUS	0.65	0.78
tblVehicleEF	SBUS	5.37	0.86
tblVehicleEF	SBUS	1,169.92	334.13
tblVehicleEF	SBUS	1,136.31	1,112.17
tblVehicleEF	SBUS	37.11	4.85
tblVehicleEF	SBUS	11.19	3.19
tblVehicleEF	SBUS	4.69	5.12
tblVehicleEF	SBUS	15.02	0.91
tblVehicleEF	SBUS	0.01	5.2920e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	5.1700e-004	4.0000e-005
tblVehicleEF	SBUS	0.01	5.0630e-003
tblVehicleEF	SBUS	2.7560e-003	2.7010e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	4.7500e-004	3.6000e-005
tblVehicleEF	SBUS	2.9580e-003	1.2070e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.68	0.28

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tblVehicleEF	SBUS	1.2820e-003	6.0100e-004
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	0.01	0.08
tblVehicleEF	SBUS	0.28	0.04
tblVehicleEF	SBUS	0.01	3.1850e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	4.6400e-004	4.8000e-005
tblVehicleEF	SBUS	2.9580e-003	1.2070e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.98	0.40
tblVehicleEF	SBUS	1.2820e-003	6.0100e-004
tblVehicleEF	SBUS	0.13	0.13
tblVehicleEF	SBUS	0.01	0.08
tblVehicleEF	SBUS	0.31	0.04
tblVehicleEF	UBUS	1.83	4.45
tblVehicleEF	UBUS	0.08	0.01
tblVehicleEF	UBUS	9.26	34.75
tblVehicleEF	UBUS	14.34	0.89
tblVehicleEF	UBUS	1,846.39	1,692.13
tblVehicleEF	UBUS	136.37	11.77
tblVehicleEF	UBUS	5.87	0.38
tblVehicleEF	UBUS	13.57	0.14
tblVehicleEF	UBUS	0.52	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.07	2.6550e-003
tblVehicleEF	UBUS	1.4030e-003	1.4100e-004
tblVehicleEF	UBUS	0.22	0.03

Bridge Point (Existing Operations - Trucks) - San Bernardino-South Coast County, Annual

tblVehicleEF	UBUS	3.0000e-003	6.6220e-003
tblVehicleEF	UBUS	0.06	2.5280e-003
tblVehicleEF	UBUS	1.2900e-003	1.3000e-004
tblVehicleEF	UBUS	8.0860e-003	1.6780e-003
tblVehicleEF	UBUS	0.11	9.5390e-003
tblVehicleEF	UBUS	3.9450e-003	7.3700e-004
tblVehicleEF	UBUS	0.61	0.07
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	1.15	0.04
tblVehicleEF	UBUS	0.01	3.0250e-003
tblVehicleEF	UBUS	1.6240e-003	1.1700e-004
tblVehicleEF	UBUS	8.0860e-003	1.6780e-003
tblVehicleEF	UBUS	0.11	9.5390e-003
tblVehicleEF	UBUS	3.9450e-003	7.3700e-004
tblVehicleEF	UBUS	2.50	4.54
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	1.25	0.04
tblVehicleEF	UBUS	1.83	4.45
tblVehicleEF	UBUS	0.08	9.2350e-003
tblVehicleEF	UBUS	9.36	34.75
tblVehicleEF	UBUS	11.74	0.76
tblVehicleEF	UBUS	1,846.39	1,692.13
tblVehicleEF	UBUS	136.37	11.55
tblVehicleEF	UBUS	5.45	0.38
tblVehicleEF	UBUS	13.45	0.13
tblVehicleEF	UBUS	0.52	0.07
tblVehicleEF	UBUS	0.01	0.03

Bridge Point (Existing Operations - Trucks) - San Bernardino-South Coast County, Annual

tblVehicleEF	UBUS	0.07	2.6550e-003
tblVehicleEF	UBUS	1.4030e-003	1.4100e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	6.6220e-003
tblVehicleEF	UBUS	0.06	2.5280e-003
tblVehicleEF	UBUS	1.2900e-003	1.3000e-004
tblVehicleEF	UBUS	0.02	3.0610e-003
tblVehicleEF	UBUS	0.14	0.01
tblVehicleEF	UBUS	9.3320e-003	1.4840e-003
tblVehicleEF	UBUS	0.62	0.07
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	1.02	0.03
tblVehicleEF	UBUS	0.01	3.0250e-003
tblVehicleEF	UBUS	1.5790e-003	1.1400e-004
tblVehicleEF	UBUS	0.02	3.0610e-003
tblVehicleEF	UBUS	0.14	0.01
tblVehicleEF	UBUS	9.3320e-003	1.4840e-003
tblVehicleEF	UBUS	2.52	4.54
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	1.12	0.04
tblVehicleEF	UBUS	1.83	4.45
tblVehicleEF	UBUS	0.08	0.01
tblVehicleEF	UBUS	9.27	34.75
tblVehicleEF	UBUS	13.86	0.90
tblVehicleEF	UBUS	1,846.39	1,692.13
tblVehicleEF	UBUS	136.37	11.80
tblVehicleEF	UBUS	5.76	0.38

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tblVehicleEF	UBUS	13.55	0.14
tblVehicleEF	UBUS	0.52	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.07	2.6550e-003
tblVehicleEF	UBUS	1.4030e-003	1.4100e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	6.6220e-003
tblVehicleEF	UBUS	0.06	2.5280e-003
tblVehicleEF	UBUS	1.2900e-003	1.3000e-004
tblVehicleEF	UBUS	9.2250e-003	1.6870e-003
tblVehicleEF	UBUS	0.14	0.01
tblVehicleEF	UBUS	4.1190e-003	7.4500e-004
tblVehicleEF	UBUS	0.61	0.07
tblVehicleEF	UBUS	0.03	0.05
tblVehicleEF	UBUS	1.13	0.04
tblVehicleEF	UBUS	0.01	3.0250e-003
tblVehicleEF	UBUS	1.6160e-003	1.1700e-004
tblVehicleEF	UBUS	9.2250e-003	1.6870e-003
tblVehicleEF	UBUS	0.14	0.01
tblVehicleEF	UBUS	4.1190e-003	7.4500e-004
tblVehicleEF	UBUS	2.50	4.54
tblVehicleEF	UBUS	0.03	0.05
tblVehicleEF	UBUS	1.24	0.04
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CW_TL	16.60	40.00
tblVehicleTrips	CW_TTP	59.00	100.00
tblVehicleTrips	DV_TP	35.50	0.00

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tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	47.50	83.00
tblVehicleTrips	PR_TP	92.00	100.00
tblVehicleTrips	ST_TR	71.07	0.00
tblVehicleTrips	ST_TR	1.68	0.33
tblVehicleTrips	SU_TR	56.36	0.00
tblVehicleTrips	SU_TR	1.68	0.30
tblVehicleTrips	WD_TR	57.24	0.00
tblVehicleTrips	WD_TR	1.68	0.22
tblWater	IndoorWaterUseRate	1,721,445.40	0.00
tblWater	IndoorWaterUseRate	330,918,750.00	3,717,160.00
tblWater	OutdoorWaterUseRate	1,055,079.44	0.00

2.0 Emissions Summary

Bridge Point (Existing Operations - Trucks) - San Bernardino-South Coast County, Annual

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Bridge Point (Existing Operations - Trucks) - San Bernardino-South Coast County, Annual

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
		Highest		

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	5.9307	1.7000e-004	0.0186	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.0361	0.0361	1.0000e-004	0.0000	0.0385
Energy	0.5351	4.8646	4.0862	0.0292		0.3697	0.3697		0.3697	0.3697	0.0000	7,269.5619	7,269.5619	0.1830	0.1140	7,308.0931
Mobile	0.4821	16.2266	4.1055	0.0655	2.2854	0.1539	2.4392	0.6435	0.1472	0.7907	0.0000	6,561.3819	6,561.3819	0.4563	0.0000	6,572.7882
Waste						0.0000	0.0000		0.0000	0.0000	293.3402	0.0000	293.3402	17.3359	0.0000	726.7380
Water						0.0000	0.0000		0.0000	0.0000	1.1793	15.4216	16.6009	0.1218	2.9900e-003	20.5365
Total	6.9479	21.0913	8.2103	0.0947	2.2854	0.5237	2.8090	0.6435	0.5170	1.1605	294.5195	13,846.4015	14,140.9210	18.0970	0.1169	14,628.1942

Bridge Point (Existing Operations - Trucks) - San Bernardino-South Coast County, Annual

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	5.9307	1.7000e-004	0.0186	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.0361	0.0361	1.0000e-004	0.0000	0.0385
Energy	0.5351	4.8646	4.0862	0.0292		0.3697	0.3697		0.3697	0.3697	0.0000	7,269.5619	7,269.5619	0.1830	0.1140	7,308.0931
Mobile	0.4821	16.2266	4.1055	0.0655	2.2854	0.1539	2.4392	0.6435	0.1472	0.7907	0.0000	6,561.3819	6,561.3819	0.4563	0.0000	6,572.7882
Waste						0.0000	0.0000		0.0000	0.0000	293.3402	0.0000	293.3402	17.3359	0.0000	726.7380
Water						0.0000	0.0000		0.0000	0.0000	1.1793	15.4216	16.6009	0.1218	2.9900e-003	20.5365
Total	6.9479	21.0913	8.2103	0.0947	2.2854	0.5237	2.8090	0.6435	0.5170	1.1605	294.5195	13,846.4015	14,140.9210	18.0970	0.1169	14,628.1942

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	7/1/2021	6/30/2021	5	0	

Acres of Grading (Site Preparation Phase): 0

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Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Bridge Point (Existing Operations - Trucks) - San Bernardino-South Coast County, Annual

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Bridge Point (Existing Operations - Trucks) - San Bernardino-South Coast County, Annual

3.2 Demolition - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

Bridge Point (Existing Operations - Trucks) - San Bernardino-South Coast County, Annual

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.4821	16.2266	4.1055	0.0655	2.2854	0.1539	2.4392	0.6435	0.1472	0.7907	0.0000	6,561.3819	6,561.3819	0.4563	0.0000	6,572.7882
Unmitigated	0.4821	16.2266	4.1055	0.0655	2.2854	0.1539	2.4392	0.6435	0.1472	0.7907	0.0000	6,561.3819	6,561.3819	0.4563	0.0000	6,572.7882

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Free-Standing Discount Store	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	320.54	470.80	435.74	5,219,258	5,219,258
Total	320.54	470.80	435.74	5,219,258	5,219,258

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Free-Standing Discount Store	16.60	8.40	6.90	12.20	68.80	19.00	83	0	17
Unrefrigerated Warehouse-No	40.00	8.40	6.90	100.00	0.00	0.00	100	0	0

4.4 Fleet Mix

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Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Free-Standing Discount Store	0.553113	0.036408	0.180286	0.116335	0.016165	0.005101	0.018218	0.063797	0.001357	0.001565	0.005903	0.000808	0.000944
Unrefrigerated Warehouse-No Rail	0.000000	0.000000	0.000000	0.000000	0.165900	0.000000	0.207400	0.626700	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated							0.0000	0.0000		0.0000	0.0000	1,973.8796	1,973.8796	0.0815	0.0169	1,980.9412
Electricity Unmitigated							0.0000	0.0000		0.0000	0.0000	1,973.8796	1,973.8796	0.0815	0.0169	1,980.9412
NaturalGas Mitigated	0.5351	4.8646	4.0862	0.0292		0.3697	0.3697		0.3697	0.3697	0.0000	5,295.6823	5,295.6823	0.1015	0.0971	5,327.1519
NaturalGas Unmitigated	0.5351	4.8646	4.0862	0.0292		0.3697	0.3697		0.3697	0.3697	0.0000	5,295.6823	5,295.6823	0.1015	0.0971	5,327.1519

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5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Free-Standing Discount Store	1.5859e+006	8.5500e-003	0.0777	0.0653	4.7000e-004		5.9100e-003	5.9100e-003		5.9100e-003	5.9100e-003	0.0000	84.6295	84.6295	1.6200e-003	1.5500e-003	85.1325
Unrefrigerated Warehouse-No Rail	9.76514e+007	0.5266	4.7868	4.0209	0.0287		0.3638	0.3638		0.3638	0.3638	0.0000	5,211.0527	5,211.0527	0.0999	0.0955	5,242.0194
Total		0.5351	4.8646	4.0862	0.0292		0.3697	0.3697		0.3697	0.3697	0.0000	5,295.6823	5,295.6823	0.1015	0.0971	5,327.1519

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Free-Standing Discount Store	1.5859e+006	8.5500e-003	0.0777	0.0653	4.7000e-004		5.9100e-003	5.9100e-003		5.9100e-003	5.9100e-003	0.0000	84.6295	84.6295	1.6200e-003	1.5500e-003	85.1325
Unrefrigerated Warehouse-No Rail	9.76514e+007	0.5266	4.7868	4.0209	0.0287		0.3638	0.3638		0.3638	0.3638	0.0000	5,211.0527	5,211.0527	0.0999	0.0955	5,242.0194
Total		0.5351	4.8646	4.0862	0.0292		0.3697	0.3697		0.3697	0.3697	0.0000	5,295.6823	5,295.6823	0.1015	0.0971	5,327.1519

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5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Free-Standing Discount Store	99002.4	31.5443	1.3000e-003	2.7000e-004	31.6571
Unrefrigerated Warehouse-No Rail	6.09606e+006	1,942.3353	0.0802	0.0166	1,949.2841
Total		1,973.8796	0.0815	0.0169	1,980.9412

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Free-Standing Discount Store	99002.4	31.5443	1.3000e-003	2.7000e-004	31.6571
Unrefrigerated Warehouse-No Rail	6.09606e+006	1,942.3353	0.0802	0.0166	1,949.2841
Total		1,973.8796	0.0815	0.0169	1,980.9412

6.0 Area Detail

6.1 Mitigation Measures Area

Bridge Point (Existing Operations - Trucks) - San Bernardino-South Coast County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	5.9307	1.7000e-004	0.0186	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.0361	0.0361	1.0000e-004	0.0000	0.0385
Unmitigated	5.9307	1.7000e-004	0.0186	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.0361	0.0361	1.0000e-004	0.0000	0.0385

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.6740					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	5.2549					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.7300e-003	1.7000e-004	0.0186	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.0361	0.0361	1.0000e-004	0.0000	0.0385
Total	5.9307	1.7000e-004	0.0186	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.0361	0.0361	1.0000e-004	0.0000	0.0385

Bridge Point (Existing Operations - Trucks) - San Bernardino-South Coast County, Annual

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.6740					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	5.2549					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.7300e-003	1.7000e-004	0.0186	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.0361	0.0361	1.0000e-004	0.0000	0.0385
Total	5.9307	1.7000e-004	0.0186	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.0361	0.0361	1.0000e-004	0.0000	0.0385

7.0 Water Detail

7.1 Mitigation Measures Water

Bridge Point (Existing Operations - Trucks) - San Bernardino-South Coast County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	16.6009	0.1218	2.9900e-003	20.5365
Unmitigated	16.6009	0.1218	2.9900e-003	20.5365

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Free-Standing Discount Store	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	3.71716 / 0	16.6009	0.1218	2.9900e-003	20.5365
Total		16.6009	0.1218	2.9900e-003	20.5365

Bridge Point (Existing Operations - Trucks) - San Bernardino-South Coast County, Annual

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Free-Standing Discount Store	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	3.71716 / 0	16.6009	0.1218	2.9900e-003	20.5365
Total		16.6009	0.1218	2.9900e-003	20.5365

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	293.3402	17.3359	0.0000	726.7380
Unmitigated	293.3402	17.3359	0.0000	726.7380

Bridge Point (Existing Operations - Trucks) - San Bernardino-South Coast County, Annual

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Free-Standing Discount Store	99.95	20.2890	1.1990	0.0000	50.2650
Unrefrigerated Warehouse-No Rail	1345.14	273.0513	16.1369	0.0000	676.4730
Total		293.3402	17.3359	0.0000	726.7380

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Free-Standing Discount Store	99.95	20.2890	1.1990	0.0000	50.2650
Unrefrigerated Warehouse-No Rail	1345.14	273.0513	16.1369	0.0000	676.4730
Total		293.3402	17.3359	0.0000	726.7380

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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Bridge Point (Existing Operations - Trucks) - San Bernardino-South Coast County, Annual

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

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APPENDIX 4.5:

EMFAC2017

EMFAC2017 Derived CalEEMod Annual Emission Rates: Year 2022^{1,2}

Season	Pollutant	LDA	LDT1	LDT2	MDV	LHDT1	LHDT2	MHDT	HHDT	OBUS	UBUS	MCY	SBUS	MH
Annual	CH4_IDLEX	0	0	0	0	0.0050851	0.003695113	0.002506877	0.029356376	0.0088195	0	0	0.0596216	0
Annual	CH4_RUNEX	0.002511	0.007576	0.0044093	0.0055203	0.0061022	0.004104298	0.003321213	0.1359932	0.0065956	4.4471247	0.3403666	0.0085844	0.0036581
Annual	CH4_STREX	0.0501486	0.0826572	0.0709165	0.0880071	0.0158535	0.010438222	0.006466798	1.99667E-07	0.0230531	0.0101717	0.2409502	0.0061574	0
Annual	CO_IDLEX	0	0	0	0	0.1781229	0.145213849	0.306081914	5.949976577	0.5193752	0	0	2.5047913	0
Annual	CO_RUNEX	0.6708625	1.5227713	1.0001954	1.1353959	0.7454201	0.496596346	0.32291321	0.670287286	0.770132	34.749389	19.259492	0.7810369	0.3456228
Annual	CO_STREX	2.1123197	2.3872575	2.7143849	3.2491728	1.0307795	0.672008973	0.742649102	0.003788439	2.4474186	0.8905121	8.5959988	0.8221453	0
Annual	CO2_NBIO_IDLEX	0	0	0	0	9.2507984	14.13711968	68.92121199	1124.174368	76.064645	0	0	345.06036	0
Annual	CO2_NBIO_RUNEX	265.14551	314.63378	335.587	415.0989	652.44765	665.2454714	974.5748282	1484.265464	1406.8974	1692.1273	212.03493	1112.1718	970.20504
Annual	CO2_NBIO_STREX	54.120585	65.695546	70.249733	87.324313	11.213673	8.759901098	6.352875619	0.034945266	20.488538	11.773881	60.730311	4.7905446	0
Annual	NOX_IDLEX	0	0	0	0	0.0732221	0.104688067	0.515800985	6.076375771	0.3431042	0	0	3.2862508	0
Annual	NOX_RUNEX	0.0373144	0.1275673	0.0857353	0.1078346	1.2509372	1.355503504	1.613798568	3.41682119	1.241885	0.3822291	1.129145	5.1952739	4.2439663
Annual	NOX_STREX ³	0.1824467	0.2953594	0.2987658	0.3795807	0.3190663	0.222928046	1.496184373	2.104078617	0.6845205	0.137146	0.2629902	0.9057296	0
Annual	PM10_IDLEX	0	0	0	0	0.0008896	0.00131023	0.001231157	0.003628278	0.0005894	0	0	0.0043578	0
Annual	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.07644	0.089180026	0.130340037	0.060589876	0.13034	0.0728339	0.01176	0.7448002	0.13034
Annual	PM10_PMTW	0.008	0.008	0.008	0.008	0.0098774	0.010622799	0.012000003	0.035325231	0.012	0.026486	0.004	0.0108041	0.016
Annual	PM10_RUNEX	0.0015205	0.0023434	0.0016015	0.001685	0.009826	0.012726783	0.035013591	0.028429484	0.0136136	0.0026547	0.0019647	0.0318947	0.1143325
Annual	PM10_STREX	0.0018572	0.0028386	0.0019239	0.0020314	0.0002596	0.000136886	7.52719E-05	9.44989E-07	0.0002182	0.0001414	0.0029599	3.955E-05	0
Annual	PM25_IDLEX	0	0	0	0	0.0008511	0.00125355	0.001177897	0.003471321	0.0005639	0	0	0.0041693	0
Annual	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.03276	0.038220011	0.055860016	0.02596709	0.05586	0.0312145	0.00504	0.3192001	0.05586
Annual	PM25_PMTW	0.002	0.002	0.002	0.002	0.0024693	0.0026557	0.003000001	0.008831308	0.003	0.0066215	0.001	0.002701	0.004
Annual	PM25_RUNEX	0.0014	0.0021564	0.0014738	0.0015536	0.0093755	0.012162576	0.033495968	0.02719962	0.0130075	0.0025281	0.0018375	0.0305039	0.1093865
Annual	PM25_STREX	0.0017076	0.0026102	0.001769	0.0018682	0.0002387	0.000125862	6.92098E-05	8.68883E-07	0.0002006	0.00013	0.0027874	3.636E-05	0
Annual	ROG_DIURN	0.059871	0.1905013	0.0973609	0.1164443	0.0030394	0.001704043	0.00045316	5.01984E-06	0.0020021	0.0016779	1.422935	0.0012417	0
Annual	ROG_HTSK	0.100942	0.2621956	0.1415757	0.1685955	0.0845705	0.05067803	0.014922369	0.000160226	0.0242391	0.0095389	0.7987129	0.009512	0
Annual	ROG_IDLEX	0	0	0	0	0.0212921	0.017503442	0.015546555	0.429500781	0.0507962	0	0	0.2803478	0
Annual	ROG_RESTL	0.0483407	0.1353491	0.082393	0.102915	0.0015811	0.000919578	0.000239893	2.97166E-06	0.0011161	0.0007372	0.779223	0.0005903	0
Annual	ROG_RUNEX	0.0095373	0.0335905	0.0181307	0.0233402	0.0620099	0.059206164	0.056447565	0.081711517	0.0504943	0.0652964	2.3253718	0.1052018	0.0787567
Annual	ROG_RUNLS	0.2112005	0.85791	0.4533448	0.4975767	0.5542081	0.315849786	0.082321313	0.00079103	0.2852933	0.0404931	1.9080744	0.0641423	0
Annual	ROG_STREX	0.2201927	0.4247746	0.3325826	0.4378158	0.078984	0.051325408	0.034288939	1.04239E-06	0.1185417	0.0367858	1.8431582	0.0357779	0
Annual	SO2_IDLEX	0	0	0	0	8.959E-05	0.00013534	0.000653127	0.010324735	0.0007253	0	0	0.0032887	0
Annual	SO2_RUNEX	0.0026063	0.0030934	0.0032988	0.0040782	0.0063567	0.006429896	0.009262186	0.013164048	0.0136725	0.0030254	0.0020983	0.0106261	0.0091719
Annual	SO2_STREX	0.0005321	0.0006459	0.0006907	0.0008586	0.000111	8.68663E-05	6.28669E-05	3.45812E-07	0.0002028	0.0001165	0.000601	4.741E-05	0
Annual	TOG_DIURN	0.059889	0.1905585	0.0973901	0.1146786	0.0030394	0.001704043	0.00045316	5.01984E-06	0.0026021	0.0016779	1.422935	0.0012417	0
Annual	TOG_HTSK	0.1009723	0.2622742	0.1416181	0.168646	0.0845705	0.05067803	0.014922369	0.000160226	0.0242391	0.0095389	0.7987129	0.009512	0
Annual	TOG_IDLEX	0	0	0	0	0.0299225	0.023875182	0.02032501	0.49842643	0.0671426	0	0	0.4018426	0
Annual	TOG_RESTL	0.0483552	0.1353897	0.0824178	0.1029459	0.0015811	0.000919578	0.000239893	2.97166E-06	0.0011161	0.0007372	0.779223	0.0005903	0
Annual	TOG_RUNEX	0.0138798	0.0489955	0.0264217	0.0339072	0.0770615	0.069802209	0.065660178	0.226286692	0.0657861	4.5405286	2.8661964	0.1274631	0.0896592
Annual	TOG_RUNLS	0.2112639	0.8581674	0.4534808	0.4977259	0.5542081	0.315849786	0.082321313	0.00079103	0.2852933	0.0404931	1.9080744	0.0641423	0
Annual	TOG_STREX	0.2411787	0.4652589	0.3642807	0.4795383	0.0864776	0.056194861	0.037542072	1.14128E-06	0.1297883	0.0402758	2.0056647	0.0391723	0
Summer	CH4_IDLEX	0	0	0	0	0.0050986	0.003704863	0.002386309	0.03048662	0.0088754	0	0	0.0596891	0
Summer	CH4_RUNEX	0.0028347	0.0084645	0.0049544	0.0062114	0.0062279	0.00415781	0.00344779	0.135994271	0.006735	4.4471413	0.3356313	0.0087142	0.0036581
Summer	CH4_STREX	0.0434955	0.0711812	0.0614118	0.0761628	0.0152418	0.010036258	0.006209855	1.90483E-07	0.0219973	0.0092353	0.2129044	0.0051553	0
Summer	CO_IDLEX	0	0	0	0	0.1781229	0.145213849	0.26224218	5.816581695	0.5090583	0	0	2.4671258	0
Summer	CO_RUNEX	0.8083333	1.8056027	1.1962497	1.3542329	0.7589257	0.501023893	0.325643268	0.67056103	0.7860478	34.750309	19.27555	0.7960042	0.3456228
Summer	CO2_STREX	1.7780547	2.0017572	2.2770876	2.7169552	0.9773456	0.637543509	0.701106403	0.00357666	2.2775773	0.7595399	7.9007261	0.5954702	0
Summer	CO2_NBIO_IDLEX	0	0	0	0	9.2507984	14.13711968	69.58563032	1121.036532	75.89573	0	0	352.97835	0
Summer	CO2_NBIO_RUNEX	287.10567	337.48233	357.70983	438.44709	652.47198	665.2532681	974.5796378	1484.265926	1406.9255	1692.129	211.89805	1112.1983	970.20504
Summer	CO2_NBIO_STREX	53.483259	64.873239	69.393407	86.265898	11.117954	8.698115905	6.282062728	0.034609429	20.20014	11.554669	58.878141	4.4116044	0
Summer	NOX_IDLEX	0	0	0	0	0.0732221	0.104688067	0.515942988	5.901205034	0.3350715	0	0	3.356534	0
Summer	NOX_RUNEX	0.0338242	0.1145163	0.0773451	0.0972591	1.1748123	1.2737373817	1.519381496	3.226107767	1.1565432	0.379286	0.9747712	4.8782779	4.0016033
Summer	NOX_STREX ³	0.1702192	0.2754067	0.2786917	0.3540257	0.3063664	0.214074275	1.493647722	2.104058715	0.6739387	0.1304061	0.24763	0.9021888	0
Summer	PM10_IDLEX	0	0	0	0	0.0008896	0.00131023	0.001040668	0.00317522	0.000501	0	0	0.0036811	0
Summer	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.07644	0.089180026	0.130340037	0.060589876	0.13034	0.0728339	0.01176	0.7448002	0.13034
Summer	PM10_PMTW	0.008	0.008	0.008	0.008	0.0098774	0.010622799	0.012000003	0.035325231	0.012	0.026486	0.004	0.0108041	0.016
Summer	PM10_RUNEX	0.0015205	0.0023434	0.0016015	0.001685	0.009826	0.012726783	0.035013591	0.028429484	0.0136136	0.0026547	0.0019647	0.0318947	0.1143325
Summer	PM10_STREX	0.0018572	0.0028386	0.0019239	0.0020314	0.0002596	0.000136886	7.52719E-05	9.44989E-07	0.0002182	0.0001414	0.0029599	3.955E-05	0
Summer	PM25_IDLEX	0	0	0	0	0.0008511	0.00125355	0.000995661	0.003037861	0.0004793	0	0	0.0035218	0
Summer	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.03276	0.038220011	0.055860016	0.02596709	0.05586	0.0312145	0.00504	0.3192001	0.05586
Summer	PM25_PMTW	0.002	0.002	0.002	0.002	0.0024693	0.0026557	0.003000001	0.008831308	0.003	0.0066215	0.001	0.002701	0.004
Summer	PM25_RUNEX	0.0014	0.0021564	0.0014738	0.0015536	0.0093755	0.012162576	0.033495968	0.02719962	0.0130075	0.0025281	0.0018375	0.0305039	0.1093865
Summer	PM25_STREX	0.0017076	0.0026102	0.001769	0.0018682	0.0002387	0.000125862	6.92098E-05	8.68883E-07	0.0002006	0.00013	0.0027874	3.636E-05	0
Summer	ROG_DIURN	0.1122918	0.3591141	0.1821484	0.2137828	0.0054783	0.003072949	0.000828267	9.86032E-06	0.0046858	0.0030607	2.7723384	0.0022078	0
Summer	ROG_HTSK	0.1140598	0.3100856	0.1609587	0.1877817	0.0967417	0.058157686	0.017228668	0.000182083	0.0268913	0.0112667	1.1143267	0.0099848	0
Summer	ROG_IDLEX	0	0	0	0	0.0212921	0.017503442	0.015061577	0.44923775	0.0514955	0	0	0.2801428	0
Summer	ROG_RESTL	0.0898943	0.2556617	0.1514602	0.1873187	0.0030454	0.001762514	0.000477905	6.58099					

Winter	CH4_IDLEX	0	0	0	0	0.0050868	0.003696273	0.002683152	0.018657615	0.0087745	0	0	0.0596174	0
Winter	CH4_RUNEX	0.0024595	0.0074306	0.0043219	0.0054045	0.0061097	0.004107724	0.003321206	0.003368303	0.0065995	4.4471251	0.3380167	0.0085765	0.0036581
Winter	CH4_STREX	0.0504766	0.083203	0.0713869	0.0885931	0.0157744	0.010387561	0.006419771	1.98536E-07	0.0230509	0.0102547	0.2376692	0.0063442	0
Winter	CO_IDLEX	0	0	0	0	0.1781229	0.145213849	0.367232024	5.981575427	0.5336223	0	0	2.5568054	0
Winter	CO_RUNEX	0.6442281	1.4669951	0.9619362	1.0918503	0.7461444	0.496899006	0.323004081	0.331191983	0.7706524	34.749434	18.757183	0.7800615	0.3456228
Winter	CO_STREX	2.1157183	2.3918644	2.7219145	3.2585443	1.0243206	0.668014244	0.736815593	0.003758766	2.4531242	0.9034492	8.4367304	0.8592352	0
Winter	CO2_NBIO_IDLEX	0	0	0	0	9.2507984	14.13711968	68.0001011	1097.477971	76.297908	0	0	334.12598	0
Winter	CO2_NBIO_RUNEX	261.05996	310.37973	331.47008	410.75231	652.44895	665.2460099	974.5749866	1393.364139	1406.8983	1692.1274	211.16891	1112.1701	970.20504
Winter	CO2_NBIO_STREX	54.130665	65.711463	70.268838	87.348496	11.201968	8.752640942	6.342989048	0.034898214	20.497557	11.795351	60.384313	4.8530132	0
Winter	NOX_IDLEX	0	0	0	0	0.0732221	0.104688067	0.515604396	6.134648763	0.3541969	0	0	3.1904359	0
Winter	NOX_RUNEX	0.0357144	0.1222929	0.0821108	0.1032983	1.2305484	1.334381677	1.586931331	3.279278901	1.219445	0.3815239	1.0949706	5.118713	4.1746013
Winter	NOX_STREX ³	0.1812511	0.2935605	0.2968511	0.3771769	0.3149779	0.220060449	1.495548849	2.104073738	0.6818154	0.1361885	0.2609966	0.9061097	0
Winter	PM10_IDLEX	0	0	0	0	0.0008896	0.00131023	0.001494195	0.003864686	0.0007116	0	0	0.0052923	0
Winter	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.07644	0.089180026	0.130340037	0.059002456	0.13034	0.0728339	0.01176	0.7448002	0.13034
Winter	PM10_PMTW	0.008	0.008	0.008	0.008	0.0098774	0.010622799	0.012000003	0.034399622	0.012	0.026486	0.004	0.0108041	0.016
Winter	PM10_RUNEX	0.0015205	0.0023434	0.0016015	0.001685	0.009826	0.012726783	0.035013591	0.028273632	0.0136136	0.0026547	0.0019647	0.0318947	0.1143325
Winter	PM10_STREX	0.0018572	0.0028386	0.0019239	0.0020314	0.0002596	0.000136886	7.52719E-05	9.44989E-07	0.0002182	0.0001414	0.0029599	3.955E-05	0
Winter	PM25_IDLEX	0	0	0	0	0.0008511	0.00125355	0.001429557	0.003697502	0.0006808	0	0	0.0050633	0
Winter	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.03276	0.038220011	0.055860016	0.025286767	0.05586	0.0312145	0.00504	0.3192001	0.05586
Winter	PM25_PMTW	0.002	0.002	0.002	0.002	0.0024693	0.0026557	0.003000001	0.008599905	0.003	0.0066215	0.001	0.002701	0.004
Winter	PM25_RUNEX	0.0014	0.0021564	0.0014738	0.0015536	0.0093755	0.012162576	0.033495968	0.02705051	0.0130075	0.0025281	0.0018375	0.0305039	0.1093865
Winter	PM25_STREX	0.0017076	0.0026102	0.001769	0.0018682	0.0002387	0.000125862	6.92098E-05	8.68883E-07	0.0002006	0.00013	0.0027874	3.636E-05	0
Winter	ROG_DIURN	0.0571558	0.1879088	0.0914014	0.1055327	0.003152	0.001714328	0.000470673	5.32641E-06	0.002739	0.0016874	1.5735307	0.0012073	0
Winter	ROG_HTSK	0.1105587	0.3005524	0.1558745	0.182272	0.0990207	0.058382004	0.016659725	0.000186681	0.0263554	0.01068	1.0568137	0.0100766	0
Winter	ROG_IDLEX	0	0	0	0	0.0212921	0.017503442	0.016225643	0.401693337	0.0498305	0	0	0.2806308	0
Winter	ROG_RESTL	0.0461666	0.1287548	0.0787752	0.0986676	0.00161	0.00092205	0.000244015	3.16348E-06	0.0011655	0.0007448	0.7426775	0.0006013	0
Winter	ROG_RUNEX	0.0093396	0.0329181	0.0177631	0.0228284	0.0620448	0.059219786	0.056450881	0.071960973	0.0505139	0.0652984	2.3059588	0.1051667	0.0787567
Winter	ROG_RUNLS	0.2380793	1.0011481	0.5242295	0.5708384	0.5956469	0.340844353	0.089738272	0.000829096	0.3039547	0.0468464	2.1751002	0.0770407	0
Winter	ROG_STREX	0.2215737	0.4273136	0.3346868	0.4405544	0.0785469	0.051048872	0.034098264	1.03659E-06	0.1185343	0.0370728	1.8149853	0.0368737	0
Winter	SO2_IDLEX	0	0	0	0	8.959E-05	0.00013534	0.000644307	0.010368428	0.0007275	0	0	0.0031854	0
Winter	SO2_RUNEX	0.0025661	0.0030516	0.0032583	0.0040355	0.0063567	0.006429901	0.009262188	0.013164048	0.0136725	0.0030254	0.0020897	0.0106261	0.0091719
Winter	SO2_STREX	0.0005322	0.0006461	0.0006909	0.0008588	0.0001109	8.66145E-05	6.2769E-05	3.45346E-07	0.0002028	0.0001167	0.0005976	4.802E-05	0
Winter	TOG_DIURN	0.057173	0.1879652	0.0914289	0.1055644	0.003152	0.001714328	0.000470673	5.32641E-06	0.002739	0.0016874	1.5735307	0.0012073	0
Winter	TOG_HTSK	0.1105918	0.3006426	0.1559212	0.1823266	0.0990207	0.058382004	0.016659725	0.000186681	0.0263554	0.01068	1.0568137	0.0100766	0
Winter	TOG_IDLEX	0	0	0	0	0.0299225	0.023875182	0.021318707	0.457297286	0.0660432	0	0	0.4021648	0
Winter	TOG_RESTL	0.0461805	0.1287935	0.0787988	0.0986972	0.00161	0.00092205	0.000244015	3.16348E-06	0.0011655	0.0007448	0.7426775	0.0006013	0
Winter	TOG_RUNEX	0.0135913	0.0480151	0.0258856	0.0331639	0.0771124	0.069822086	0.065665017	0.081982635	0.0658146	4.5405315	2.8427129	0.1274118	0.0896592
Winter	TOG_RUNLS	0.2381508	1.0014484	0.5243868	0.5710097	0.5956469	0.340844353	0.089738272	0.000829096	0.3039547	0.0468464	2.1751002	0.0770407	0
Winter	TOG_STREX	0.2426913	0.4680399	0.3665856	0.4825381	0.085999	0.055892089	0.037333308	1.13494E-06	0.1297801	0.0405901	1.9750313	0.0403721	0

1 Source: California Air Resources Board. EMFAC2017 Web Database. <https://www.arb.ca.gov/emfac/2017/>; California Air Pollution Control Officers Association (CAPCOA). 2017, November. California Emissions Estimator Model User's Guide, Version 2016.3.2, Appendix A.

2 Unless otherwise noted, per CalEEMod methodology, the calculated CalEEMod emission rates are derived from the emission rates obtained using the EMFAC2017 Web Database for the San Bernardino (SC) region.

3 Because EMFAC2017 provides vehicle trips data for MHD and HHDT diesel trucks, the formula provided in Appendix A of the CalEEMod User's Guide in calculating the NO_x STREX emission rates are utilized.

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