Appendix A
Notice of Preparation

CITY OF INGLEWOOD

ECONOMIC AND COMMUNITY DEVELOPMENT DEPARTMENT

Planning Division

Christopher E. Jackson, Sr.
Department Manager

NOTICE OF PREPARATION
OF A DRAFT ENVIRONMENTAL IMPACT REPORT
AND PUBLIC SCOPING MEETING

Notice is hereby given that the City of Inglewood ("City" or "Inglewood") will be the Lead Agency and will prepare an Environmental Impact Report ("EIR") for the Westchester/ Veterans and Crenshaw/Imperial Transit Oriented Development (TOD) Plans ("Proposed Project"). The City is requesting comments on the scope and content of this EIR.

A description of the proposed project, its location, and a summary of the items to be addressed in the EIR are attached.

Written comments on the scope and content of the EIR may be sent to:

Mindy Wilcox, AICP, Planning Manager
City of Inglewood, Planning Division
One Manchester Boulevard, 4th Floor
Inglewood, CA 90301

Fax (310) 412-5681
E-Mail: mwilcox@cityofinglewood.org

Due to the time limits mandated by State law, the City must receive comments ***no later than 30 days*** after publication of this notice. The review period for this NOP is from October 31 through November 29, 2017.

Once completed, the Draft EIR will be available for review at:

Inglewood City Hall
Planning Division
One West Manchester Boulevard, 4th Floor
Inglewood, CA 90301

Inglewood Public Library
101 West Manchester Boulevard
Inglewood, CA 90301

Scoping Meeting

A Scoping Meeting to solicit input from public agencies, organizations, and members of the public regarding the scope and content of the EIR will be held on November 14 starting at 6:00 pm and concluding no later than 8:00 pm, at the Community Room, City Hall (1st Floor), One West Manchester Boulevard, Inglewood, CA 90301.

Introduction

The City of Inglewood is proposing Transit Oriented Development (TOD) Plans, which include General Plan Amendments, Transit Oriented Development zoning, Concept Plans, and Design Guidelines for approximately 653 acres encompassing two planning areas: Westchester/Veterans and Crenshaw/Imperial (see Figure 1). The TOD Plan would define and implement the City's vision to (1) enhance the quality and economic vitality of the Westchester/Veterans area, which is the western gateway to the City of Inglewood and (2) protect and enhance the environment of the Crenshaw/Imperial area as a safe, well maintained, and attractive community.

Major planning opportunities and needs for the Westchester/Veterans and Crenshaw/Imperial Planning Areas identified as part of the project's planning program include:

- **Citywide Opportunities and Needs**
    - The City's place in the Los Angeles metropolitan region will change substantially as the Metro Crenshaw/LAX rail line and the LAX People Mover expand accessibility and economic potential for the area.
    - The City's role in the region will also be enhanced as the result of redevelopment of the former Hollywood Park property and development of a new National Football League stadium and facilities just southeast of downtown Inglewood.
    - The City is lacking in open space resources for residents, employees and visitors.
- **Westchester/Veterans**
    - The City's place in the region is changing as Hollywood Park, the Crenshaw/LAX Line and development of surrounding areas open up new accessibility and economic potentials.
    - The area needs to become more pedestrian and bicycle friendly. Neither the TOD Plan area street network nor the orientation of buildings respond to the future transit station; the area remains very automobile-oriented.
    - The future consolidation of car rental lots into the consolidated rental car facility for LAX just south of the planning area may open up significant development sites.
- **Crenshaw/Imperial**
    - The planning area needs to be better connected to Crenshaw Station. The current pedestrian and bicycle connections to the station are unsafe.
    - The large shopping centers on the southwest, southeast and northeast corners of Crenshaw Boulevard and Imperial Highway have large parking areas and land area which can become mixed-use developments, providing the neighborhood with more housing options, more open space and better-quality commercial tenants.
    - The strip commercial uses on Imperial Highway need improvement, as they are a source of concern for the community.

Project Location

The Westchester/Veterans planning area consists of approximately 432 acres located at the western gateway to Inglewood along the new Crenshaw/LAX Metro rail line at the Florence

Avenue/Hindry Avenue intersection. The Westchester/Veterans planning area generally encompasses the area within the City of Inglewood that is half-mile from the Westchester/Veterans Metro Station, which is currently under construction. The Crenshaw/Imperial planning area consists of approximately 221 acres located near the intersection of Crenshaw Boulevard interchange along the I-105 freeway. This planning area encompasses the area within the City of Inglewood that is half-mile from the Crenshaw Station on the Metro Green Line.

Project Description

The Transit Oriented Development Plans for the Westchester/Veterans and Crenshaw/Imperial planning areas consist of amendments to the Inglewood General Plan and Zoning Code to capture opportunities generated by the Metro Crenshaw/LAX Line and Green Line on the community's accessibility, and to capture the land use and economic development opportunities such accessibility brings. Included in the General Plan Amendment will be revisions to proposed land uses to take advantage of higher density mixed use development opportunities adjacent to the two Metro stations.

Existing General Plan land use designations for the Westchester/Veterans planning area will be replaced with a single "Westchester/Veterans Transit Oriented District" designation, and existing General Plan land use designations for the Crenshaw/Imperial planning area will be replaced with a single "Crenshaw/Imperial Transit Oriented District" designation. Concept plans for the two planning areas provide detailed land use plans and policy direction for appropriate uses and development intensity for each area. The Concept Plans also provide for enhanced pedestrian and bicycle mobility within the two planning areas, along with improved access to the two Metro stations that are at the center of the planning areas. The Concept Plans also provide for the creation of new and enhancement of existing public spaces within the Westchester/Veterans and Crenshaw/Imperial areas.

The proposed Transit Oriented Development Plans will involve modifications to existing zoning designations to provide form-based development regulations aimed at maximizing use of transit, bicycling, and walking within the Westchester/Veterans and Crenshaw/Imperial areas. These regulations set forth opportunities for increased development intensity in mixed use settings, along with expansion of employment-generating uses, particularly in the Westchester/Veterans area. Form-based development regulations are integrated with design guidelines, including guidelines for new development and rehabilitation of existing historic structures. Recognizing the intended transit orientation of new development within the Westchester/Veterans and Crenshaw/Imperial areas, proposed zoning regulations include reductions in minimum parking requirements for uses and locations most amenable to transit use. Overall, the TOD plans would provide for the types and amount of development described in Table 1, Proposed Development and Table 2, Proposed Development Summary.

TABLE 1
PROPOSED DEVELOPMENT

	RESIDENTIAL (units)	RETAIL (s.f.)	COMMERCIAL/ OFFICE (s.f.)	HOTEL (s.f.)	INSTITUTIONAL (s.f.)	INDUSTRIAL (s.f.)
Westchester/Veterans						
Existing Development	1,596	356,215	419,242	80,645	245,161	2,833,385
Future Demolition	37	50,219	61,065	22,694	103,615	253,639
Future Construction	1,143	234,707	1,422,232	34,689	0	0
Development at Buildout	2,702	540,703	1,780,409	92,640	141,546	2,579,746
Crenshaw/Imperial						
Existing Development	1,044	527,735	190,218	49,497	152,809	0
Future Demolition	83	501,773	129,053	17,390	15,216	0
Future Construction	3,067	376,744	45,067	0	0	0
Development at Buildout	4,028	402,706	106,232	32,107	137,593	0
Project Total						
Existing Development	2,640	883,950	609,460	130,142	397,970	2,833,385
Future Demolition	120	551,992	193,118	40,084	118,831	253,639
Future Construction	4,210	611,451	1,467,299	34,689	0	0
Development at Buildout	6,730	943,409	1,883,641	124,707	279,139	2,579,746

Source: The Arroyo Group, 2017.

TABLE 2
PROPOSED DEVELOPMENT SUMMARY

	RESIDENTIAL (units)	POPULATION	NON-RESIDENTIAL (s.f.)	JOBS
Westchester/Veterans				
Existing Development	1,596	4,617	5,008,003	7,217
Future Demolition/Loss	37	102	465,087	772
Future Construction	1,143	3,155	1,412,676	6,297
Development at Buildout	2,702	7,670	5,955,592	12,742
Crenshaw/Imperial				
Existing Development	1,044	3,281	920,259	3,578
Future Demolition/Loss	83	229	663,432	858
Future Construction	3,067	8,465	421,810	1,017
Development at Buildout	4,028	11,517	678,638	3,737
Project Total				
Existing Development	2,640	7,898	5,928,262	10,795
Future Demolition/Loss	120	331	1,128,519	1,630
Future Construction	4,210	11,620	1,834,486	7,314
Development at Buildout	6,730	19,187	6,634,229	16,479

Source: The Arroyo Group, 2017.

Project Objectives

The overarching objectives and underlying purpose of the proposed TOD Plans for the Westchester/Veterans and Crenshaw/Imperial areas are to:

- Expand economic development opportunities and enhance revenue-generating activities that support the City's economy and the delivery of public services, and increase opportunities for employment and housing;
- Maximize utilization of the Metro Crenshaw/LAX Line Westchester/Veterans Station and the Metro Green Line Crenshaw Station through the creation of pedestrian-friendly and economically vibrant mixed-use settings and improved non-vehicular access to the stations; and
- Protect and enhance existing residential neighborhoods.

Additional Project Objectives include:

- Providing a model for sustainable development and implementing the Inglewood Energy and Climate Action Plan;
- Developing multimodal gateways to the City of Inglewood;
- Encouraging art and technology by providing appropriate settings for their development;
- Providing unique open space resources serving both nearby employees and residents of the City;
- Enhancing the Crenshaw/Imperial area as a complete neighborhood hub providing housing, shopping, education and recreation for residents of all ages and households of all types; and
- Maintaining a safe, well-maintained, unified and attractive community with a unique sense of place.

Westchester/Veterans Transit Oriented Development Zoning

The Westchester/Veterans TOD Plan is proposed to be implemented through adoption of zoning regulations that would govern new development. Figure 2 identifies the proposed zoning map for the Westchester/Veterans area.

Proposed zoning districts for the Westchester/Veterans area include:

- **TOD Mixed Use – Arts Cluster (MU-A)** provides for a mix of uses that enhance the growth of a creative community in the Westchester/Veterans Metro station area. These include art studios, light manufacturing, live/work, lodging, retail and breweries.
- **TOD Mixed-Use 1 Overlay (MU-1)** is an optional overlay zone which provides for residential and retail transit-oriented development in the immediate vicinity of the Westchester/Veterans Metro station and Manchester Boulevard.
- **TOD Mixed Use 2 (MU-2)** provides for office, flex, R&D, light industrial and warehousing uses along Florence Avenue. This zoning designation currently exists in the zoning code under the Downtown Inglewood and Fairview Heights TOD Plan.
- **TOD Mixed Use 2A (MU-2A)** applies to the Freeway Corridor district adjacent to La Cienega Boulevard. Like TOD Mixed Use 2, it provides for office, flex, R&D, light industrial and warehousing uses, and also permits retail and lodging.
- **TOD Mixed-Use Corridor (MU-C)** provides for a range of uses that respond to the needs of both a pedestrian-friendly transit-oriented district and the streets with high

automobile volumes where this zone is located. This zoning designation currently exists in the zoning code under the Downtown Inglewood and Fairview Heights TOD Plan.

- **Airport Campus (AC)** provides impetus for the recycling of current rental car facility land into large-scale office, flex, and warehousing/distribution uses proximate to the 96th Street Metro and Automated People Mover station. It also provides for public open space.
- **C-3 Heavy Commercial** is the zoning designation for the Hyundai and Carmax dealerships and Home Depot store on and around La Cienega Boulevard. There are no changes to existing zoning or development standards proposed for this zone.
- **M-1 Light Manufacturing** provides for general commercial uses as well as the fabrication, processing or treatment of products through processes that are not offensive or obnoxious by reason of emission of odor, dust, smoke, gas, noise or similar causes. Live-Work Overlay Zone refers to M-1 zoned areas in which live-work units may be constructed. While height and density standards for this zone mirror existing Citywide standards, there are some changes to other development and parking standards in the Plan.
- **R-4 Residential Multiple Family** provides for higher-density multiple-family residential development in a single-use context. While height and density standards for this zone mirror Citywide standards, there are some changes to other development and parking standards in the Plan.
- **R-3 Residential Multiple Family** provides for multiple-family residential development in harmony in scale and character with historic single-family uses. While height and density standards for this zone mirror Citywide standards, there are some changes to other development and parking standards in the Plan.
- **R-2 Residential Limited Multiple Family** provides for two or three dwelling units per lot in the Olive Street Residential District. There are no changes proposed to the zoning or development standards for this zone.
- **O-S Open Space** provides for City-owned parks and plazas. There are no changes to the zoning or development standards proposed for this zone.
- **T-C Transportation Corridor** provides a zoning designation for the Metro Crenshaw/ LAX Line right-of-way.

Westchester/Veterans Urban Design Framework

The proposed Urban Design Framework for the Westchester/Veterans TOD Plan is shown in Figure 3. Its principal elements include:

1. A "vibrant" Westchester/Veterans station area proposed to include an arts cluster centered on existing arts assets, surrounded by a transit-oriented mixed-use area with retail, arts, light industrial, hospitality and residential uses;
2. A transit-oriented, employment-generating Airport Campus on lands currently occupied by car rental facilities near the corner of Aviation Boulevard and Arbor Vitae Street;
3. Extension of the Downtown Green Boulevards network to include Manchester Boulevard;
4. Creation of new open spaces to serve existing and future uses:

a. A Plaza on Isis Avenue north of Manchester Boulevard
b. Arts Park at the 1019 site
c. Triangle Block Park or Olive Avenue Greenway
d. Pollution-mitigating Public Garden west of Aviation Boulevard
e. Pollution-mitigating and neighborhood-serving Florence Ash Park

10. Pedestrian and bicycle connections across the 405 freeway, among other active transportation improvements to enhance bicycle and pedestrian movement.

Crenshaw/Imperial Transit Oriented Development Zoning

The Crenshaw/Imperial TOD Plan is proposed to be implemented through adoption of zoning regulations that would govern new development. Figure 4 identifies the proposed zoning map for the Crenshaw/Imperial TOD Plan

Proposed zoning districts for Crenshaw/Imperial include:

- **C-2 General Commercial** provides for general commercial uses as in the rest of the City. There are no changes to the zoning and development standards for this zone in the proposed TOD plan.
- **Mixed Use 1A Overlay (MU-1A)** is an optional overlay zone that provides for residential/retail mixed-use development suitable for the center of the South Inglewood Gateway District.
- **TOD Mixed-Use Corridor (MU-C)** provides for a range of uses intended to respond to the needs of both a pedestrian-friendly transit-oriented district along the streets with high automobile volumes where this zone is located. This zoning designation currently exists in the zoning code under the Downtown Inglewood and Fairview Heights TOD Plan.
- **R-4 Residential Multiple Family** provides for higher-density multiple-family residential development in a single-use context. While height and density standards for this zone mirror Citywide standards, there are some changes to other development and parking standards in the Plan.
- **R-3 Residential Multiple Family** provides for multiple-family residential development in harmony in scale and character with historic single-family uses. While height and density standards for this zone mirror Citywide standards, there are some changes to other development and parking standards in the Plan.
- **R-2 Residential Limited Multiple Family** provides for two dwelling units per lot. There are no changes proposed to the zoning or development standards for this zone in the TOD Plan.
- **R-1 Residential Single Family** provides for one dwelling unit per lot. There are no changes proposed to the zoning or development standards for this zone in the TOD Plan.
- **O-S Open Space** provides for City-owned parks and plazas. There are no changes proposed to the zoning or development standards for this zone in the TOD Plan.

Crenshaw/Imperial Urban Design Framework

The proposed Urban Design Framework for the Crenshaw/Imperial TOD Plan is shown in Figure 5. Its principle components include:

1. A **City Gateway/District Center Focal Plaza** is proposed to create both a grand entry space to the City of Inglewood and entry plazas to the development around all four corners of the Crenshaw/Imperial intersection. The Gateway Focal Plazas within each quadrant of the intersection are proposed to be of sufficient size to accommodate areas for outdoor dining, sitting and small events that can be buffered from the street edge traffic by both distance and design elements such as low walls and landscaping.

2. **Public/Private Open** Spaces are proposed as amenities for the mixed retail and residential uses at each corner, and also as recreation space for the surrounding neighborhoods.

3. A **Ring Open Space** consists of three separate open space areas, and is proposed to buffer single family neighborhoods from higher density mixed uses. The Ring Open Space also provides over a mile of walking and bicycling paths for both the residents of new, mixed-use developments and the residents of adjacent single-family neighborhoods.

4. Proposed **Open Space Connectors** are intended to provide pathways between Gateway Focal Plazas, the Public-Private Open Spaces, the Ring Open Spaces and to the sidewalks fronting Crenshaw Boulevard and Imperial Highway. These Open Space Connectors are intended to provide functional access for shoppers to reach retail spaces by foot, and enable the Gateway District to function as a "park once" district, thus reducing trip making. The proposed Open Space Connectors are also intended to provide access to the open space amenities for residents both within the Gateway Center and the surrounding neighborhoods. The proposed Open Space Connectors also provide direct pedestrian connections to the signalized mid-block crossings on Crenshaw Boulevard and Imperial Highway.

   The open space areas in the Urban Design Framework items 1-4 are proposed to be primarily constructed and maintained by the private sector; however, the TOD Plan includes a requirement for public access during appropriate daytime hours.

5. The **Crenshaw Green Boulevard** is proposed to provide a pedestrian/bicycle connection from the Metro station to the south and to the residential and retail uses of the Gateway Center District. The Crenshaw Boulevard cross section maintains all travel lanes and the existing Pine trees, as well as the planted medians and parkways. Bicycles are proposed to be accommodated within shared lanes within the existing frontage road to the south of 116th Street and on a separate "cycle track" to the north of 116th street.

6. A linear **Gateway Park** is proposed to be created on Crenshaw Boulevard at the northbound onramp to the I-105 freeway by realigning the existing free right turn to align with the westbound freeway off-ramp at the existing signalized intersection. This realignment would enhance pedestrian access to the Metro Green Line station by eliminating uncontrolled conflicts between pedestrians and freeway accessing cars.

7. **City and District Center Gateways**. Appropriate signage announcing entry into the District Center from the north, east, south and west are recommended by the TOD Plan.

8. **Traffic Signals/Pedestrian Crossings**. The integration of existing and new pedestrian crossings with existing and new traffic signals is proposed to allow for safe passage of both pedestrians and cyclists across Crenshaw Boulevard and Imperial Highway, and to provide for the efficient access of automobiles into the mixed-use projects proposed for the Crenshaw/Imperial TOD planning area.

Anticipated Discretionary Approvals and Actions

The list below identifies the anticipated discretionary approvals by the City of Inglewood that are anticipated and therefore analyzed in this Program EIR.

The list below identifies the discretionary approvals that are anticipated and therefore analyzed at a programmatic level in this Draft Program EIR.

Current Proposed Actions by the City of Inglewood

- Approval of Transit Oriented Development Plans for the Westchester/Veterans and Crenshaw/Imperial planning areas, each of which includes a Concept Plan, Transit Oriented Development zoning, and Design Guidelines.
- Approval of a General Plan Amendment for the Westchester/Veterans and Crenshaw/Imperial planning areas.

Potential Future Actions by the City of Inglewood

- Approval of future site-specific development projects within the Westchester/Veterans and Crenshaw/Imperial areas consistent with the provisions of the applicable Transit Oriented Development Plan.
- Close Isis Avenue north of Manchester Boulevard for open space.
- Eliminate westbound travel and parking lane on Olive Avenue between Manchester Boulevard and Glasgow Avenue for open space.
- Establish property-based Business Improvement Districts for the Westchester/Veterans and Crenshaw/Imperial areas.
- Capital improvement projects within the Westchester/Veterans area (see **Figure 3-18**).
- Capital improvement projects within the Crenshaw/Imperial area (see **Figure 3-19**).
- Establish Enhanced Infrastructure Financing Districts for the Westchester/Veterans and Crenshaw/Imperial planning areas.
- Approval of an inclusionary zoning policy to require affordable housing within new residential developments.
- Construct City Gateway Park on the east side of Crenshaw Boulevard south of 118th Street in coordination with the City of Hawthorne.

Potential Future Actions by Others

- Crenshaw Boulevard/I-105 Freeway On-Ramp Redesign (Caltrans, City of Hawthorne).
- New portal to the Westchester/Veterans Metro Station (Los Angeles Metro).

Programmatic Evaluation

Because the proposed project consists of separate Transit Oriented Plans for the Westchester/Veterans and Crenshaw/Imperial areas that represent long-term plans for future development and community improvements that will be implemented through a series of private sector, site-specific development proposals and public sector infrastructure improvements, a program EIR will be prepared. No site-specific development or infrastructure/open space projects are proposed at this time.

This EIR will consider the environmental changes that would occur as a result of numerous site-specific development, infrastructure, and open space projects that would be permitted by the proposed TOD Plans for Westchester/Veterans and Crenshaw/Imperial and occur individually over the next approximately 20 years. It will assess the overall environmental effects that may occur as the result of these future site-specific development, infrastructure, and open space projects, including the cumulative effects of that development combined with other past, present, and reasonably foreseeable future development. The EIR will also analyze alternatives and sets forth mitigation measures to reduce the impacts of development that would be permitted by the TOD Plan for the Westchester/Veterans and Crenshaw/Imperial areas, pursuant to Section 15126 of the CEQA Guidelines.

Format of the EIR

The EIR will be prepared in accordance with the requirements of the California Environmental Quality Act (CEQA) and the CEQA *Guidelines*. The EIR will examine the physical environmental effects that would result from implementation of the Proposed Project as described above.

Because an Initial Study was not prepared for the Westchester/Veterans and Crenshaw/Imperial TOD Plans, the EIR will examine potential impacts for each of the issues included in the CEQA *Guidelines* Appendix G checklist:

- Aesthetics
- Agricultural/Forest Resources
- Air Quality
- Biological Resources
- Cultural Resources
- Energy
- Geology/Soils
- Greenhouse Gas Emissions
- Hazards/Hazardous Materials
- Hydrology/Water Quality
- Land Use/Planning
- Mineral Resources
- Noise
- Population and Housing
- Public Services
- Recreation
- Transportation/Traffic
- Utilities/Services

The forthcoming Draft EIR will be organized to include the following Chapters:

- Introduction
- Summary
- Project Description
- Environmental Setting, Impacts, and Mitigation Measures
- Alternatives

- Significant Unavoidable Impacts
- Growth Inducing Impacts
- Cumulative Impacts
- Report Preparers

Mindy Wilcox, AICP
Planning Manager
City of Inglewood

Date

Attachments

Figure 1: Westchester/Veterans and Crenshaw/Imperial Planning Areas
Figure 2: Westchester/Veterans TOD Zoning
Figure 3: Westchester/Veterans Urban Design Framework
Figure 4: Crenshaw/Imperial TOD Zoning
Figure 5: Crenshaw/Imperial Urban Design Framework
Figure 6: Capital Improvement Projects - Westchester/Veterans
Figure 7: Capital Improvement Projects - Crenshaw/Imperial

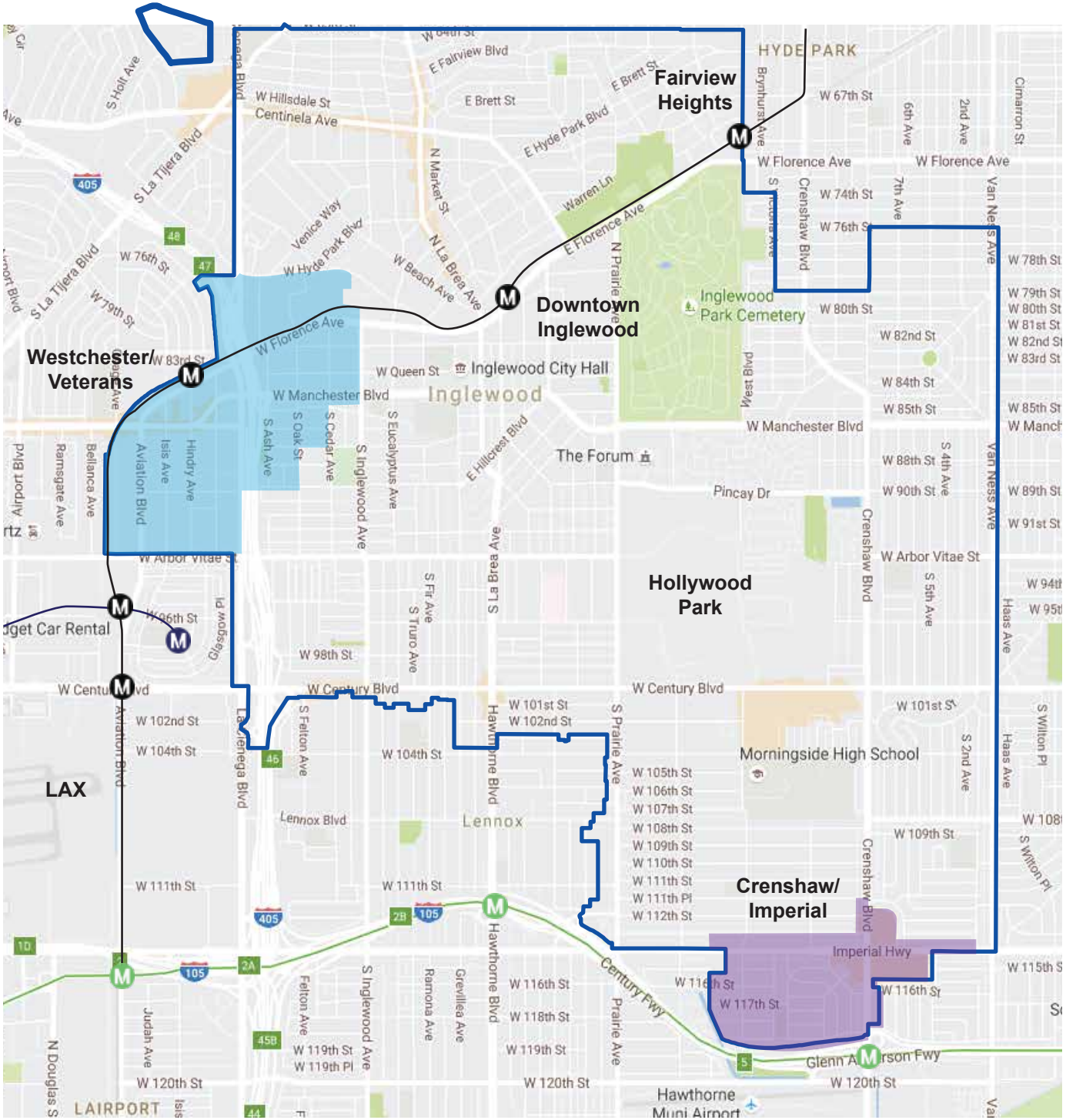


FIGURE 1

Westchester/Veterans and Crenshaw/Imperial Planning Areas

- City Boundary
- Green Line
- Future Crenshaw/LAX Line
- Future LAX People Mover
- Westchester/Veterans Planning Area
- Crenshaw/Imperial Planning Area

N

5 minute walk (1,200')

5 minute bike (4,400 ft)

0 1,200 2,400 4,800 7,200 Feet

FIGURE 2

Westchester/Veterans
Zoning Districts

- City of Inglewood Boundary
- Westchester Station Planning Area
- Crenshaw/LAX Line
- AC (Airport Campus)
- C-3 (Heavy Commercial)
- M-1 (Light Manufacturing)
- MU-2 (Mixed Use 2)
- MU-2A (Mixed Use 2A)
- MU-A (Mixed Use - Arts Cluster)
- MU-C (Corridor Mixed Use)
- O-S (Open Space)
- R-2 (Residential Multi Family)
- R-3 (Residential Multiple Family)
- R-4 (Residential Multiple Family)
- T-C (Transportation Corridor)
- MU-1 (Mixed Use 1 Overlay)
- Live-Work Overlay

FIGURE 3

Westchester/Veterans
Urban Design Framework

- City of Inglewood Boundary
- Westchester Station Planning Area
- Crenshaw/LAX Line
- New Station Portal
- Transit-Oriented Airport Campus
- Transit-Oriented Mixed-Use District
- Transit-Oriented Arts Cluster
- Green Boulevard
- City of Los Angeles Future Protected Bike Lane
- Green Connector
- Neighborhood Connector (with bike lane)
- Neighborhood Connector (without bike lane)
- Parks and Urban Open Spaces
- Public Garden (pollution mitigation)
- Pedestrian Freeway Crossing Improvements
- Mid-Block Passthroughs
- New Connection between Streets
- Street Dead End

10 ac

1

N

2 minute walk (480')

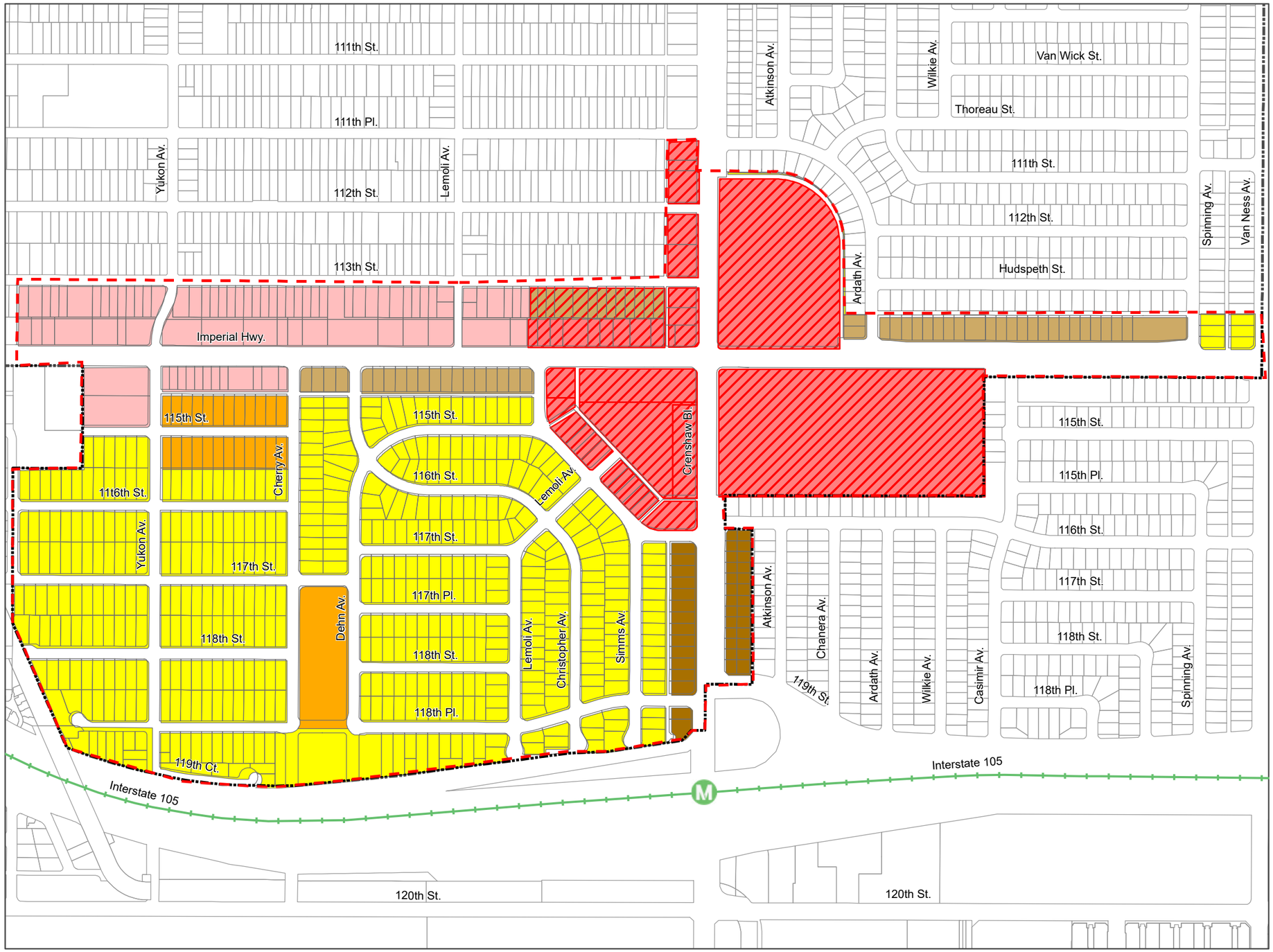
2 minute bike (1,760')

Feet

0 500 1,000 2,000

FIGURE 4

Crenshaw/Imperial **Zoning Districts**



- City of Inglewood Boundary
- Crenshaw Station Planning Area
- Green Line
- C-2 (General Commercial)
- MU-C (Corridor Mixed Use)
- R-1 (Residential Single Family)
- R-2 (Residential Multi Family)
- R-3 (Residential Multiple Family)
- R-4 (Residential Multiple Family)
- MU-1A Overlay (Mixed Use 1A)

10 ac

1

N

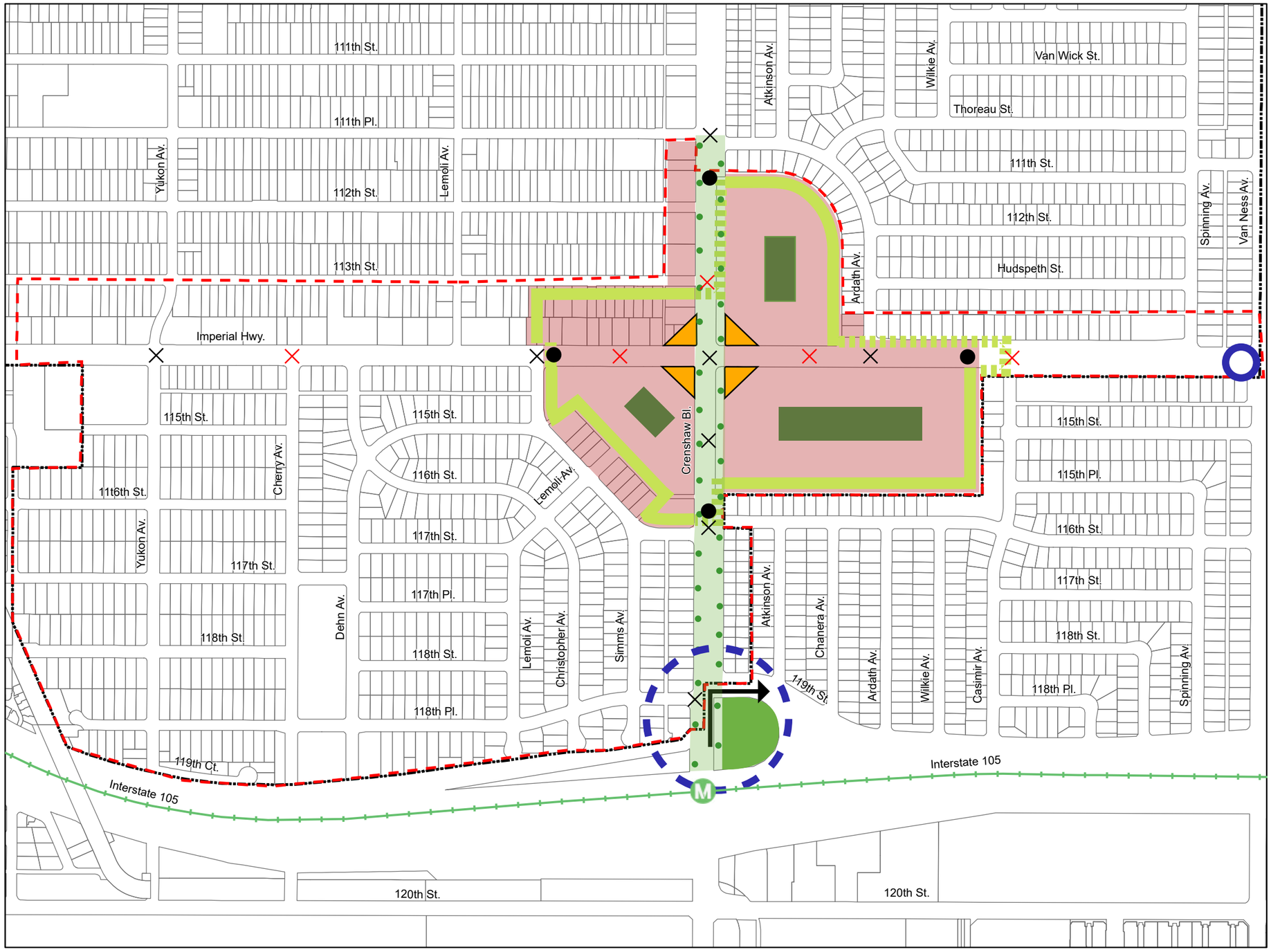
2 minute walk (480')

1 minute bike (880')

0 250 500 1,000 1,500 Feet

FIGURE 5

Crenshaw/Imperial
Urban Design Framework



- City of Inglewood Boundary
- Crenshaw Station Planning Area
- Green Line
- District Center
- Green Boulevard
- City Entry
- District Center Gateway
- City Gateway/ District Center Focal Plaza
- City Gateway - Inglewood/Hawthorne
- Gateway Park
- Ring Open Space
- Ring Open Space Street Connections
- Public/Private Open Spaces
- Modified Freeway Entrance

Traffic Signals/Pedestrian Crossings

- New
- Existing

10 ac

1

N

2 minute walk (480')

1 minute bike (880')

Feet

0 250 500 1,000 1,500

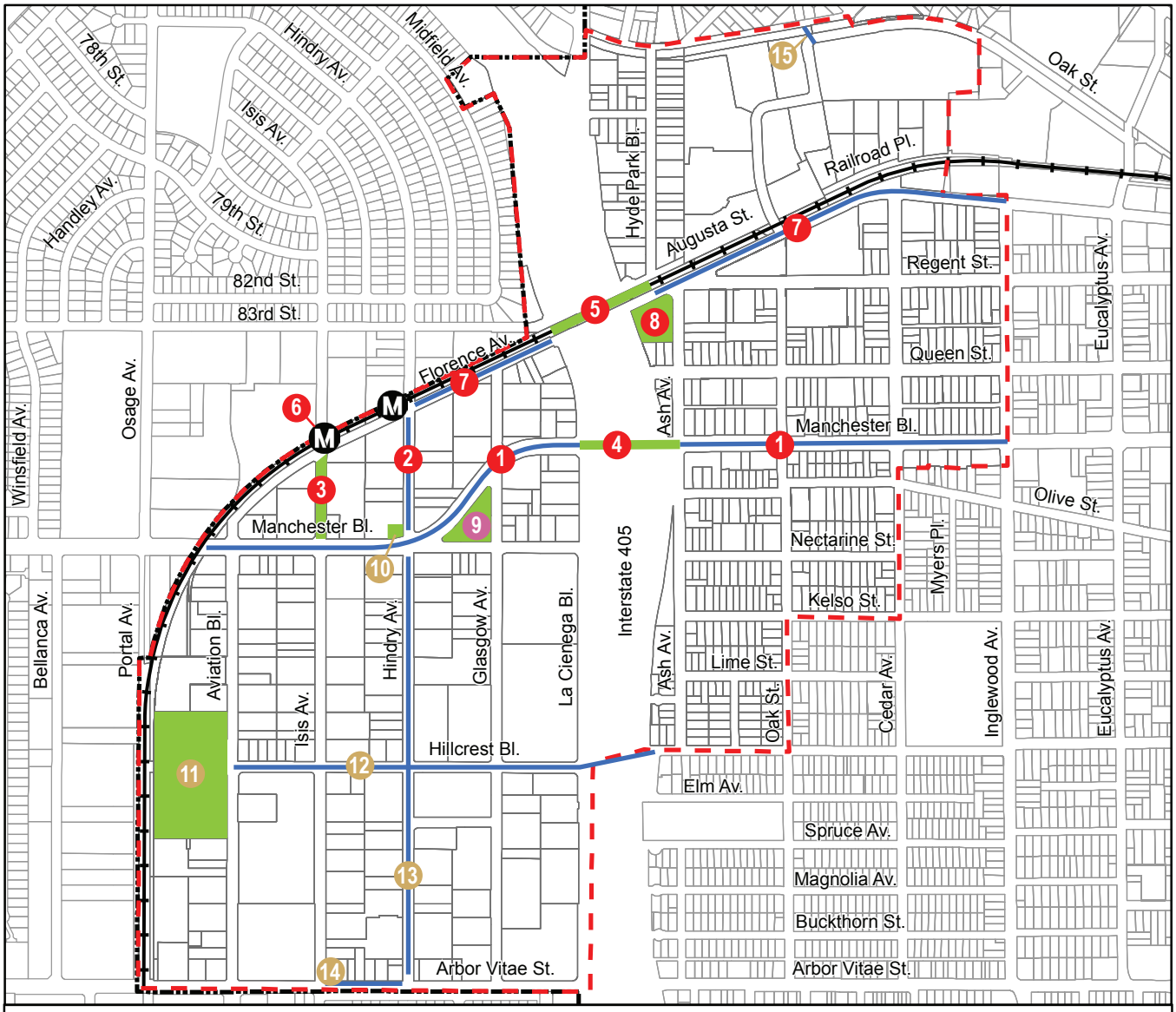


FIGURE 6

Westchester/Veterans

Capital Improvement Projects

City of Inglewood Boundary

Westchester Station Planning Area

N

10 ac

1

2 minute walk (480')

2 minute bike (1,760')

Feet

0 500 1,000 2,000

Higher Priority Projects

1. Manchester Blvd. Green Boulevard
2. Hindry Ave. Green Connector
3. Isis Ave. Park
4. Manchester Blvd. Bridge Widening
5. Old Rail Bridge Pedestrian Redesign
6. New Metro Station Portal
7. Florence Ave. Sidewalk
8. North Ash Park

Medium Priority Projects

9. Triangular Block Park OR Extended Olive St. Sidewalk

Lower Priority Projects

10. 1019 Building Arts Park
11. Public Botanical Garden
12. Hillcrest Blvd. Green Connector
13. Hindry Ave. Bike Lane
14. Arbor Vitae St. Sidewalk
15. Hyde Park Blvd./Oak St. Connector

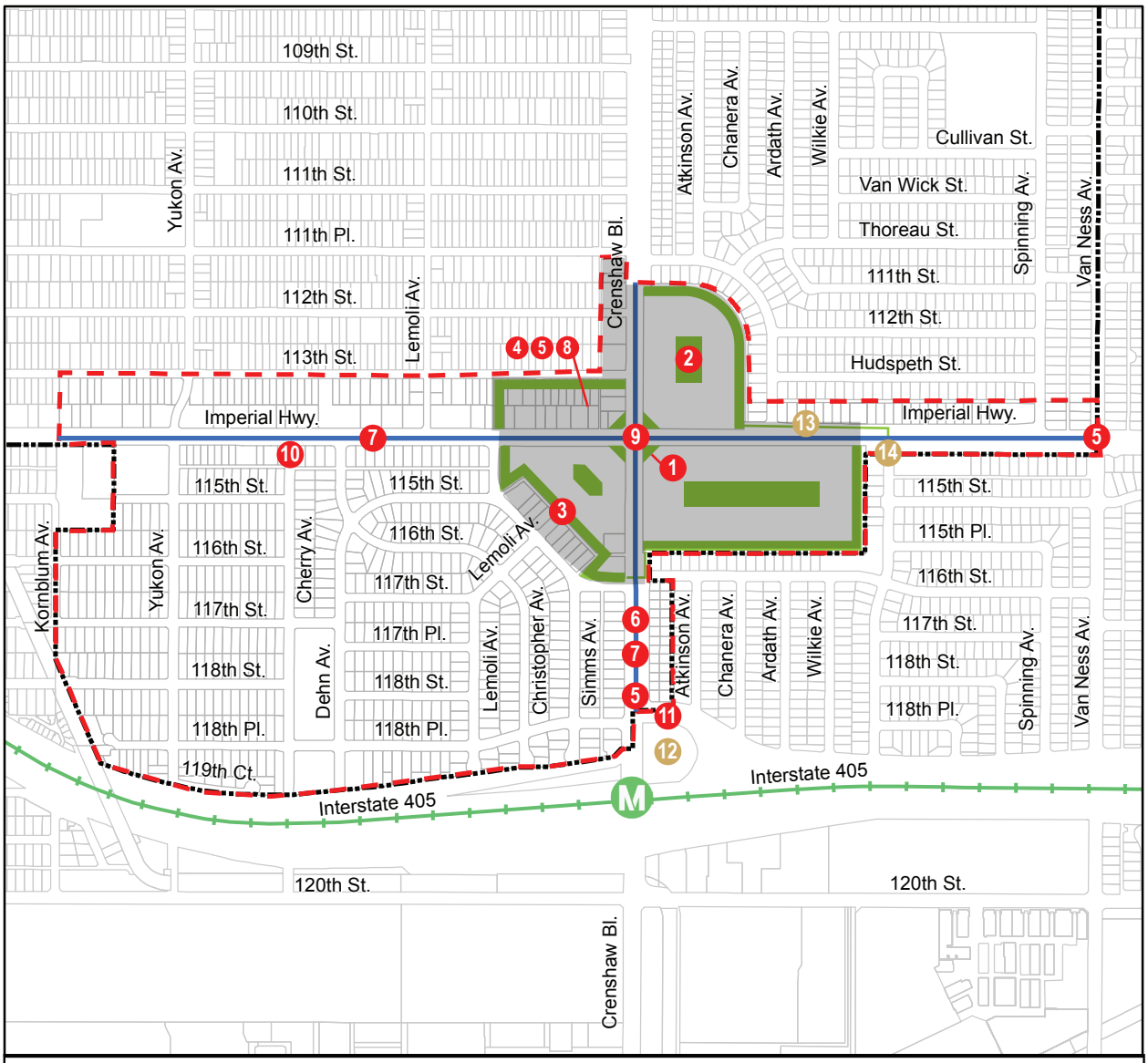


FIGURE 7

Crenshaw/Imperial
Capital Improvement Projects

- City of Inglewood Boundary
- Crenshaw Station Planning Area
- Metro Green Line
- A — Higher Priority Project
- B — Lower Priority Project

2 minute walk (480')

2 minute bike (1,760')

0 500 1,000 2,000

10 ac

1

N

Privately Funded Projects

1. Corner Plazas
2. Interior Public/Private Open Spaces
3. Ring Open Space
4. New District Center Signal Lights

Publicly Funded Projects

5. City & District Entry Signage
6. Crenshaw Bl. Green Boulevard
7. Street Trees on Imperial & Crenshaw
8. District Center Street Lighting & Furniture
9. Intersection Improvements
10. Imperial/Cherry Signal
11. Reconfigured Fwy On-Ramp
12. Gateway Park
13. Ring Open Space Connections
14. Imperial/Casimir Signal

Appendix B
Responses to the Notice of Preparation

STATE OF CALIFORNIA
NATIVE AMERICAN HERITAGE COMMISSION
Environmental and Cultural Department
1550 Harbor Blvd., Suite 100
West Sacramento, CA 95691
Phone (916) 373-3710

November 8, 2017

Fred Jackson
City of Inglewood
One West Manchester Blvd., 4th Floor
Inglewood, CA 90301

Sent via e-mail: mwilcox@cityofinglewood.org

RE: SCH# 2017101068; Westchester-Veterans and Crenshaw-Imperial TOD Plans Project; Los Angeles County, California

Dear Mr. Jackson:

The Native American Heritage Commission has received the Notice of Preparation (NOP) for Draft Environmental Impact Report for the project referenced above. The California Environmental Quality Act (CEQA) (Pub. Resources Code § 21000 et seq.), specifically Public Resources Code section 21084.1, states that a project that may cause a substantial adverse change in the significance of an historical resource is a project that may have a significant effect on the environment. (Pub. Resources Code § 21084.1; Cal. Code Regs., tit.14, § 15064.5 (b) (CEQA Guidelines Section 15064.5 (b)). If there is substantial evidence, in light of the whole record before a lead agency, that a project may have a significant effect on the environment, an environmental impact report (EIR) shall be prepared. (Pub. Resources Code § 21080 (d); Cal. Code Regs., tit. 14, § 15064 subd. (a)(1) (CEQA Guidelines § 15064 (a)(1)). In order to determine whether a project will cause a substantial adverse change in the significance of a historical resource, a lead agency will need to determine whether there are historical resources with the area of project effect (APE).

CEQA was amended significantly in 2014. Assembly Bill 52 (Gatto, Chapter 532, Statutes of 2014) (AB 52) amended CEQA to create a **separate category of cultural resources**, "tribal cultural resources" (Pub. Resources Code § 21074) and provides that a project with an effect that may cause a substantial adverse change in the significance of a tribal cultural resource is a project that may have a significant effect on the environment (Pub. Resources Code § 21084.2). Please reference California Natural Resources Agency (2016) "Final Text for tribal cultural resources update to Appendix G: Environmental Checklist Form," http://resources.ca.gov/ceqa/docs/ab52/Clean-final-AB-52-App-G-text-Submitted.pdf. Public agencies shall, when feasible, avoid damaging effects to any tribal cultural resource. (Pub. Resources Code § 21084.3 (a)). **AB 52 applies to any project for which a notice of preparation or a notice of negative declaration or mitigated negative declaration is filed on or after July 1, 2015.** If your project involves the adoption of or amendment to a general plan or a specific plan, or the designation or proposed designation of open space, on or after March 1, 2005, it may also be subject to Senate Bill 18 (Burton, Chapter 905, Statutes of 2004) (SB 18). **Both SB 18 and AB 52 have tribal consultation requirements**. If your project is also subject to the federal National Environmental Policy Act (42 U.S.C. § 4321 et seq.) (NEPA), the tribal consultation requirements of Section 106 of the National Historic Preservation Act of 1966 (154 U.S.C. 300101, 36 C.F.R. § 800 et seq.) may also apply.

The NAHC recommends **lead agencies consult with all California Native American tribes** that are traditionally and culturally affiliated with the geographic area of your proposed project as early as possible in order to avoid inadvertent discoveries of Native American human remains and best protect tribal cultural resources. Below is a brief summary of portions of AB 52 and SB 18 as well as the NAHC's recommendations for conducting cultural resources assessments. **Consult your legal counsel about compliance with AB 52 and SB 18 as well as compliance with any other applicable laws**.

AB 52

AB 52 has added to CEQA the additional requirements listed below, along with many other requirements:

1. Fourteen Day Period to Provide Notice of Completion of an Application/Decision to Undertake a Project: Within fourteen (14) days of determining that an application for a project is complete or of a decision by a public agency to undertake a project, a **lead agency** shall provide formal notification to a designated contact of, or tribal representative of, traditionally and culturally affiliated California Native American tribes that have requested notice, to be accomplished by at least one written notice that includes:
   a. A brief description of the project.
   b. The lead agency contact information.
   c. Notification that the California Native American tribe has 30 days to request consultation. (Pub. Resources Code § 21080.3.1 (d)).
   d. A "California Native American tribe" is defined as a Native American tribe located in California that is on the contact list maintained by the NAHC for the purposes of Chapter 905 of Statutes of 2004 (SB 18). (Pub. Resources Code § 21073).

2. Begin Consultation Within 30 Days of Receiving a Tribe's Request for Consultation and Before Releasing a Negative Declaration, Mitigated Negative Declaration, or Environmental Impact Report: A **lead agency** shall begin the consultation process within 30 days of receiving a request for consultation from a California Native American tribe that is traditionally and culturally affiliated with the geographic area of the proposed project. (Pub. Resources Code § 21080.3.1, subds. (d) and (e)) and prior to the release of a negative declaration, mitigated negative declaration or environmental impact report. (Pub. Resources Code § 21080.3.1(b)).
   a. For purposes of AB 52, "consultation shall have the same meaning as provided in Gov. Code § 65352.4 (SB 18). (Pub. Resources Code § 21080.3.1 (b)).

3. Mandatory Topics of Consultation If Requested by a Tribe: The following topics of consultation, if a tribe requests to discuss them, are mandatory topics of consultation:
   a. Alternatives to the project.
   b. Recommended mitigation measures.
   c. Significant effects. (Pub. Resources Code § 21080.3.2 (a)).

4. Discretionary Topics of Consultation: The following topics are discretionary topics of consultation:
   a. Type of environmental review necessary.
   b. Significance of the tribal cultural resources.
   c. Significance of the project's impacts on tribal cultural resources.
   d. If necessary, project alternatives or appropriate measures for preservation or mitigation that the tribe may recommend to the lead agency. (Pub. Resources Code § 21080.3.2 (a)).

5. Confidentiality of Information Submitted by a Tribe During the Environmental Review Process: With some exceptions, any information, including but not limited to, the location, description, and use of tribal cultural resources submitted by a California Native American tribe during the environmental review process shall not be included in the environmental document or otherwise disclosed by the lead agency or any other public agency to the public, consistent with Government Code sections 6254 (r) and 6254.10. Any information submitted by a California Native American tribe during the consultation or environmental review process shall be published in a confidential appendix to the environmental document unless the tribe that provided the information consents, in writing, to the disclosure of some or all of the information to the public. (Pub. Resources Code § 21082.3 (c)(1)).

6. Discussion of Impacts to Tribal Cultural Resources in the Environmental Document: If a project may have a significant impact on a tribal cultural resource, the lead agency's environmental document shall discuss both of the following:
   a. Whether the proposed project has a significant impact on an identified tribal cultural resource.
   b. Whether feasible alternatives or mitigation measures, including those measures that may be agreed to pursuant to Public Resources Code section 21082.3, subdivision (a), avoid or substantially lessen the impact on the identified tribal cultural resource. (Pub. Resources Code § 21082.3 (b)).

7. Conclusion of Consultation: Consultation with a tribe shall be considered concluded when either of the following occurs:
    a. The parties agree to measures to mitigate or avoid a significant effect, if a significant effect exists, on a tribal cultural resource; or
    b. A party, acting in good faith and after reasonable effort, concludes that mutual agreement cannot be reached. (Pub. Resources Code § 21080.3.2 (b)).

8. Recommending Mitigation Measures Agreed Upon in Consultation in the Environmental Document: Any mitigation measures agreed upon in the consultation conducted pursuant to Public Resources Code section 21080.3.2 shall be recommended for inclusion in the environmental document and in an adopted mitigation monitoring and reporting program, if determined to avoid or lessen the impact pursuant to Public Resources Code section 21082.3, subdivision (b), paragraph 2, and shall be fully enforceable. (Pub. Resources Code § 21082.3 (a)).

9. Required Consideration of Feasible Mitigation: If mitigation measures recommended by the staff of the lead agency as a result of the consultation process are not included in the environmental document or if there are no agreed upon mitigation measures at the conclusion of consultation, or if consultation does not occur, and if substantial evidence demonstrates that a project will cause a significant effect to a tribal cultural resource, the lead agency shall consider feasible mitigation pursuant to Public Resources Code section 21084.3 (b). (Pub. Resources Code § 21082.3 (e)).

10. Examples of Mitigation Measures That, If Feasible, May Be Considered to Avoid or Minimize Significant Adverse Impacts to Tribal Cultural Resources:
    a. Avoidance and preservation of the resources in place, including, but not limited to:
        i. Planning and construction to avoid the resources and protect the cultural and natural context.
        ii. Planning greenspace, parks, or other open space, to incorporate the resources with culturally appropriate protection and management criteria.
    b. Treating the resource with culturally appropriate dignity, taking into account the tribal cultural values and meaning of the resource, including, but not limited to, the following:
        i. Protecting the cultural character and integrity of the resource.
        ii. Protecting the traditional use of the resource.
        iii. Protecting the confidentiality of the resource.
    c. Permanent conservation easements or other interests in real property, with culturally appropriate management criteria for the purposes of preserving or utilizing the resources or places.
    d. Protecting the resource. (Pub. Resource Code § 21084.3 (b)).
    e. Please note that a federally recognized California Native American tribe or a nonfederally recognized California Native American tribe that is on the contact list maintained by the NAHC to protect a California prehistoric, archaeological, cultural, spiritual, or ceremonial place may acquire and hold conservation easements if the conservation easement is voluntarily conveyed. (Civ. Code § 815.3 (c)).
    f. Please note that it is the policy of the state that Native American remains and associated grave artifacts shall be repatriated. (Pub. Resources Code § 5097.991).

11. Prerequisites for Certifying an Environmental Impact Report or Adopting a Mitigated Negative Declaration or Negative Declaration with a Significant Impact on an Identified Tribal Cultural Resource: An environmental impact report may not be certified, nor may a mitigated negative declaration or a negative declaration be adopted unless one of the following occurs:
    a. The consultation process between the tribes and the lead agency has occurred as provided in Public Resources Code sections 21080.3.1 and 21080.3.2 and concluded pursuant to Public Resources Code section 21080.3.2.
    b. The tribe that requested consultation failed to provide comments to the lead agency or otherwise failed to engage in the consultation process.
    c. The lead agency provided notice of the project to the tribe in compliance with Public Resources Code section 21080.3.1 (d) and the tribe failed to request consultation within 30 days. (Pub. Resources Code § 21082.3 (d)).

    This process should be documented in the Cultural Resources section of your environmental document.

The NAHC's PowerPoint presentation titled, "Tribal Consultation Under AB 52: Requirements and Best Practices" may be found online at: http://nahc.ca.gov/wp-content/uploads/2015/10/AB52TribalConsultation_CalEPAPDF.pdf

SB 18

SB 18 applies to local governments and requires **local governments** to contact, provide notice to, refer plans to, and consult with tribes prior to the adoption or amendment of a general plan or a specific plan, or the designation of open space. (Gov. Code § 65352.3). Local governments should consult the Governor's Office of Planning and Research's "Tribal Consultation Guidelines," which can be found online at: https://www.opr.ca.gov/docs/09_14_05_Updated_Guidelines_922.pdf

Some of SB 18's provisions include:

1. Tribal Consultation: If a local government considers a proposal to adopt or amend a general plan or a specific plan, or to designate open space it is required to contact the appropriate tribes identified by the NAHC by requesting a "Tribal Consultation List." If a tribe, once contacted, requests consultation the local government must consult with the tribe on the plan proposal. **A tribe has 90 days from the date of receipt of notification to request consultation unless a shorter timeframe has been agreed to by the tribe.** (Gov. Code § 65352.3 (a)(2)).
2. No Statutory Time Limit on SB 18 Tribal Consultation. There is no statutory time limit on SB 18 tribal consultation.
3. Confidentiality: Consistent with the guidelines developed and adopted by the Office of Planning and Research pursuant to Gov. Code section 65040.2, the city or county shall protect the confidentiality of the information concerning the specific identity, location, character, and use of places, features and objects described in Public Resources Code sections 5097.9 and 5097.993 that are within the city's or county's jurisdiction. (Gov. Code § 65352.3 (b)).
4. Conclusion of SB 18 Tribal Consultation: Consultation should be concluded at the point in which:
    a. The parties to the consultation come to a mutual agreement concerning the appropriate measures for preservation or mitigation; or
    b. Either the local government or the tribe, acting in good faith and after reasonable effort, concludes that mutual agreement cannot be reached concerning the appropriate measures of preservation or mitigation. (Tribal Consultation Guidelines, Governor's Office of Planning and Research (2005) at p. 18).

Agencies should be aware that neither AB 52 nor SB 18 precludes agencies from initiating tribal consultation with tribes that are traditionally and culturally affiliated with their jurisdictions before the timeframes provided in AB 52 and SB 18. For that reason, we urge you to continue to request Native American Tribal Contact Lists and "Sacred Lands File" searches from the NAHC. The request forms can be found online at: http://nahc.ca.gov/resources/forms/

NAHC Recommendations for Cultural Resources Assessments

To adequately assess the existence and significance of tribal cultural resources and plan for avoidance, preservation in place, or barring both, mitigation of project-related impacts to tribal cultural resources, the NAHC recommends the following actions:

1. Contact the appropriate regional California Historical Research Information System (CHRIS) Center (http://ohp.parks.ca.gov/?page_id=1068) for an archaeological records search. The records search will determine:
    a. If part or all of the APE has been previously surveyed for cultural resources.
    b. If any known cultural resources have been already been recorded on or adjacent to the APE.
    c. If the probability is low, moderate, or high that cultural resources are located in the APE.
    d. If a survey is required to determine whether previously unrecorded cultural resources are present.

2. If an archaeological inventory survey is required, the final stage is the preparation of a professional report detailing the findings and recommendations of the records search and field survey.
    a. The final report containing site forms, site significance, and mitigation measures should be submitted immediately to the planning department. All information regarding site locations, Native American human remains, and associated funerary objects should be in a separate confidential addendum and not be made available for public disclosure.

b. The final written report should be submitted within 3 months after work has been completed to the appropriate regional CHRIS center.

3. Contact the NAHC for:
   a. A Sacred Lands File search. Remember that tribes do not always record their sacred sites in the Sacred Lands File, nor are they required to do so. A Sacred Lands File search is not a substitute for consultation with tribes that are traditionally and culturally affiliated with the geographic area of the project's APE.
   b. A Native American Tribal Consultation List of appropriate tribes for consultation concerning the project site and to assist in planning for avoidance, preservation in place, or, failing both, mitigation measures.

4. Remember that the lack of surface evidence of archaeological resources (including tribal cultural resources) does not preclude their subsurface existence.
   a. Lead agencies should include in their mitigation and monitoring reporting program plan provisions for the identification and evaluation of inadvertently discovered archaeological resources per Cal. Code Regs., tit. 14, section 15064.5(f) (CEQA Guidelines section 15064.5(f)). In areas of identified archaeological sensitivity, a certified archaeologist and a culturally affiliated Native American with knowledge of cultural resources should monitor all ground-disturbing activities.
   b. Lead agencies should include in their mitigation and monitoring reporting program plans provisions for the disposition of recovered cultural items that are not burial associated in consultation with culturally affiliated Native Americans.
   c. Lead agencies should include in their mitigation and monitoring reporting program plans provisions for the treatment and disposition of inadvertently discovered Native American human remains. Health and Safety Code section 7050.5, Public Resources Code section 5097.98, and Cal. Code Regs., tit. 14, section 15064.5, subdivisions (d) and (e) (CEQA Guidelines section 15064.5, subds. (d) and (e)) address the processes to be followed in the event of an inadvertent discovery of any Native American human remains and associated grave goods in a location other than a dedicated cemetery.

Please contact me if you need any additional information at gayle.totton@nahc.ca.gov.

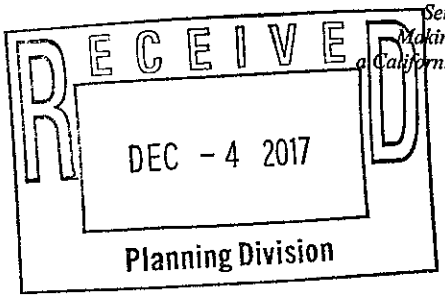
Sincerely,

Gayle Totton, M.A., PhD.
Associate Governmental Program Analyst
(916) 373-3714

cc: State Clearinghouse

DEPARTMENT OF TRANSPORTATION
DISTRICT 7
100 S. MAIN STREET, MS 16
LOS ANGELES, CA 90012
PHONE (213) 897-8391
FAX (213) 897-1337
TTY 711
www.dot.ca.gov

Serious Drought. Making Conservation a California Way of Life.



November 29, 2017

Ms. Mindy Wilcox, AICP, Planning Manager
City of Inglewood, Planning Division
One Manchester Boulevard, 4th Floor
Inglewood, CA 90301

RE: Westchester & Veterans and Crenshaw-Imperial TOD Plans
Vic. LA-405/ PM22.74, LA-105/PM R4.73,
SCH # 2017101068
GTS # LA-2017-01199AL-NOP

Dear Ms. Wilcox:

Thank you for including the California Department of Transportation (Caltrans) in the environmental review process for the above referenced project. The City is proposing Transit Oriented development plans for approx. 653 acres encompassing two planning areas.

The mission of Caltrans is to provide a safe, sustainable, integrated and efficient transportation system to enhance California's economy and livability. Senate Bill 743 (2013) mandated that CEQA review of transportation impacts of proposed development be modified by using Vehicle Miles Traveled (VMT) as the primary metric in identifying transportation impacts for all future development projects. You may reference to The Governor's Office of Planning and Research (OPR) for more information.

https://www.opr.ca.gov/s_sb743.php

Caltrans is aware of challenges that the region faces in identifying viable solutions to alleviating congestion on State and Local facilities. With limited room to expand vehicular capacity, this development should incorporate multi-modal and complete streets transportation elements that will actively promote alternatives to car use and better manage existing parking assets. Prioritizing and allocating space to efficient modes of travel such as bicycling and public transit can allow streets to transport more people in a fixed amount of right-of-way.

Caltrans supports the implementation of complete streets and pedestrian safety measures such as road diets and other traffic calming measures. Please note the Federal Highway Administration (FHWA) recognizes the road diet treatment as a proven safety countermeasure, and the cost of a road diet can be significantly reduced if implemented in tandem with routine street resurfacing.

We encourage the Lead Agency to integrate transportation and land use in a way that reduces Vehicle Miles Traveled (VMT) and Greenhouse Gas (GHG) emissions by facilitating the provision of more proximate goods and services to shorten trip lengths, and achieve a high level of non-motorized travel and transit use. We also encourage the Lead Agency to evaluate the potential of Transportation Demand Management (TDM) strategies and Intelligent Transportation System (ITS) applications in order to better manage the transportation network, as well as transit service and bicycle or pedestrian connectivity improvements.

The Department also seeks to reduce serious injuries and fatalities, as well as provide equitable mobility options for people who are economically, socially, or physically disadvantaged. Therefore, we ask the Lead Agency to evaluate the project site for access problem, VMT and service needs that may need to be addressed.

This project boundary includes the State facilities on I-405 and I-105. Due to the size of this project, its potential for trip generation and assignment, and its proximity to multiple access point to the State facilities, we would like to request an operational (traffic conflict) analysis and mitigation related queuing, weaving, and speed differential for the freeway, ramp, and surface street segments/intersection within 1.5 miles from the project sites so all potential future collisions would be fully mitigated in a manner that does not further raise VMT.

Analysis should include existing traffic, traffic generated by the project assigning to the State facilities, cumulative traffic generated from all specific planning developments in the area, and traffic growth other than from the project and developments. If there is a substantial traffic volume assigning to the State facilities, then the following potential traffic conflict locations should be included.

1. I-405 and I-105 connectors
2. I-405 and I-90 connectors
3. I-405 and I-10 connectors
4. I-105 and I-110 connectors
5. Interchange of I-405 and Century Blvd.
6. Ramps/interchange of NB/SB I-405 and S La Tijera Blvd.
7. Ramps of NB/SB I-405 and Manchester Blvd.
8. Ramps of NB/SB I-405 and Venice Blvd. (SR-187)
9. Ramps of EB/WB I-105 and S Prairie Ave.
10. Ramps of EB/WB I-105 and Crenshaw Blvd. (also at 120th St.)
11. Ramps of EB/WB I-105 and S Vermont Ave.
12. Ramps of EB/WB I-105 and Hawthorne Blvd.
13. Ramps of EB/WB I-105 and Imperial Hwy.

A discussion of mitigation measures appropriate to alleviate anticipated traffic impacts. Any mitigation involving transit or Transportation Demand Management (TDM) is encouraged and should be justified.

If you have any questions, please feel free to contact Mr. Alan Lin the project coordinator at (213) 897-8391 and refer to GTS # LA-2017-01199-AL.

Sincerely,

MIYA EDMONSON
IGR/CEQA Acting Branch Chief

cc: Scott Morgan, State Clearinghouse

CITY OF HAWTHORNE

4455 West 126th Street • Hawthorne, California 90250-4482

November 29, 2017

Mindy Wilcox, AICP
City of Inglewood
1 Manchester Blvd
Inglewood, CA 90301

RE: Westchester/ Veterans and Crenshaw/ Imperial Transit Oriented Development

Dear Ms. Wilcox,

The City of Hawthorne has received and reviewed the NOP for the project referenced above. This project would improve the Crenshaw/Imperial intersection, improve connectivity to the Crenshaw Station, and can help improve pedestrian and bicyclist safety. The City has the following comments:

- **Regarding the Project**
    - The project proposes improvements in Hawthorne's jurisdiction. The City of Hawthorne is supportive of these planning efforts and stresses that a collaborative approach is necessary when considering project components proposed within City boundaries and along shared borders. Please include Hawthorne in all efforts that involve Hawthorne's jurisdiction and its boundaries.
    - The City requests that you consider expanding the study area to the intersection of Crenshaw Blvd and 120th Street to be as comprehensive as possible. The City of Hawthorne contends that the project would be more comprehensive if it includes the east bound 105 Freeway on-ramp as well as Crenshaw Blvd. between the ramps and the intersection of 120th Street and Crenshaw Blvd.
- **Regarding the EIR**
    - The EIR should acknowledge and address jurisdictional authorities and the process to implement those components contemplated within Hawthorne's boundaries.

- Traffic counts and mitigation should include all on/off ramps near the Crenshaw Station, those that are in the City of Hawthorne, and the intersection of Crenshaw Blvd and 120th Street.

Thank you for the opportunity to review the NOP. Please contact me if you have any questions.

Christopher Palmer, AICP
Senior Planner

Westchester-Veterans Stop

The Centinela Adobe, the birthplace of Inglewood, is close by this station. For this reason it is important to give visitors and residents alike clear directions of how to reach the Adobe.

For decades, the Adobe has remained a well-kept secret; many Inglewood and surrounding community residents have no clue that it even exists. Those that do, don't always know how to get there. Only one small sign, made of wood, hangs on the street sign pole at Hindry and W 82 Street to point the way. This is two blocks north of the Westchester-Veterans stop on Florence. In short, currently one must know where one is going to find the Centinela Adobe. This should be corrected.

The Centinela Adobe is the crown jewel among Inglewood's historic treasures. It was built in 1834, and is considered one of the best preserved small adobes in Los Angeles County. This is due to the fact it was occupied continuously from 1834 into the mid-1970s. The Adobe Complex also houses the 1888 Daniel Freeman Land Office from which most of the rancho land was sold.

The Adobe was the seat of the Centinela Rancho, the combined ranchos of the Sausal Redondo and Aguaje de la Centinela. This rancho land stretched north-south from Playa Del Rey to Anita Avenue in Redondo Beach and east-west from Van Ness Avenue to the Pacific Ocean. The cities of Inglewood and Hawthorne, Lawndale, El Segundo, Manhattan Beach, and Hermosa Beach were all carved from this Rancho, as were parts of the City of Los Angeles (Westchester and Playa DEL Rey), County of Los Angeles (Lennox), and part of the City of Redondo Beach. The Adobe property was cut-off from Inglewood proper by the construction of the San Diego Freeway in 1964.

If Inglewood is to put the best foot forward and take advantage of all that is available to us, we need comprehensive signage from the station to the Adobe Complex.

Crenshaw-Imperial Stop

The noteworthy structures in the area of this stop are the Crenshaw-Imperial Branch Library at 111 Place and the Brolly Hut Restaurant at 112 Street. Both are Points of Interest, not Historic Structures. While both are located within a mile of the stop on Crenshaw, they are important to this southeastern portion of Inglewood.

Again, Inglewood should put its best foot forward and point out our Points of Interest in this area. It is important to the residents in this part of town that these two structures remain visible and unchanged.

The Arroyo Group has done a fine job of noting that art is essential to a community's quality of life. Their plan includes several possibilities for Public Art placement and it is most needed. District 4, in which the Crenshaw-Imperial Stop sits, is the newest area of our city and as such is the most underrepresented with Public Art.

Only recently has the Branch Library become home to two works of Public Art – these works are the first Public Art in District 4. If Inglewood is to become a 'world-class' city, we must have more Public Art around the city and stretching in all directions. Art is good business for any city, both economically and culturally, but most importantly, it shows a city's value of itself and its residents.

By including Public Art spaces in the area of both stops, will enhance our city to residents and visitors alike.

Thank you for the opportunity to weigh in on this important subject.

Anne Cheek La Rose, President
Inglewood Historic Preservation Alliance
November 2017

Appendix C
Air Quality and Greenhouse Gas Modeling Results

Winchester/Veterans and Crenshaw/Imperial TOD

South Coast Air Basin, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Strip Mall	184.38	1000sqft	4.23	184,380.00	0
General Office Building	705.97	1000sqft	16.21	705,970.00	0
Apartments Mid Rise	4,090.00	Dwelling Unit	107.63	4,090,000.00	11697

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	8			**Operational Year**	2020
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

Winchester/Veterans and Crenshaw/Imperial TOD - South Coast Air Basin, Annual

Project Characteristics -

Land Use -

Construction Phase - Operational runs only

Off-road Equipment -

Grading -

On-road Fugitive Dust - Operational runs only

Architectural Coating -

Vehicle Trips - Total trip rate size/day is 6.7

Woodstoves - No wood stoves or fireplaces

Area Coating - Rule 1113

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	100	50
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50
tblConstructionPhase	NumDays	220.00	0.00
tblConstructionPhase	NumDays	3,100.00	0.00
tblConstructionPhase	NumDays	200.00	0.00
tblConstructionPhase	NumDays	310.00	0.00
tblConstructionPhase	NumDays	220.00	0.00
tblConstructionPhase	NumDays	120.00	0.00
tblConstructionPhase	PhaseEndDate	11/27/2034	7/23/2020
tblConstructionPhase	PhaseEndDate	3/21/2033	5/3/2020
tblConstructionPhase	PhaseEndDate	9/9/2019	12/3/2018
tblConstructionPhase	PhaseEndDate	5/3/2021	2/24/2020

tblConstructionPhase	PhaseEndDate	1/23/2034	6/21/2020
tblConstructionPhase	PhaseEndDate	2/24/2020	9/9/2019
tblConstructionPhase	PhaseStartDate	1/24/2034	7/24/2020
tblConstructionPhase	PhaseStartDate	5/4/2021	5/4/2020
tblConstructionPhase	PhaseStartDate	3/22/2033	6/22/2020
tblFireplaces	NumberWood	204.50	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	VendorPercentPave	100.00	0.00
tblOnRoadDust	VendorPercentPave	100.00	0.00
tblOnRoadDust	VendorPercentPave	100.00	0.00
tblOnRoadDust	VendorPercentPave	100.00	0.00
tblOnRoadDust	VendorPercentPave	100.00	0.00
tblOnRoadDust	VendorPercentPave	100.00	0.00
tblOnRoadDust	WorkerPercentPave	100.00	0.00
tblOnRoadDust	WorkerPercentPave	100.00	0.00
tblOnRoadDust	WorkerPercentPave	100.00	0.00
tblOnRoadDust	WorkerPercentPave	100.00	0.00
tblOnRoadDust	WorkerPercentPave	100.00	0.00
tblOnRoadDust	WorkerPercentPave	100.00	0.00
tblVehicleTrips	ST_TR	6.39	0.29
tblVehicleTrips	ST_TR	2.46	0.29
tblVehicleTrips	ST_TR	42.04	0.29

tblVehicleTrips	SU_TR	5.86	0.29
tblVehicleTrips	SU_TR	1.05	0.29
tblVehicleTrips	SU_TR	20.43	0.29
tblVehicleTrips	WD_TR	6.65	0.29
tblVehicleTrips	WD_TR	11.03	0.29
tblVehicleTrips	WD_TR	44.32	0.29
tblWoodstoves	NumberCatalytic	204.50	0.00
tblWoodstoves	NumberNoncatalytic	204.50	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

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					
2018	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2019	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2020	0.0000	0.0000	0.0000	0.0000	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					
2018	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2019	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2020	0.0000	0.0000	0.0000	0.0000	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	N20	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**

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	20.8565	1.2104	42.6372	6.8300e-003		0.2910	0.2910		0.2910	0.2910	0.0000	903.7572	903.7572	0.0832	0.0153	910.3992
Energy	0.2888	2.4880	1.1973	0.0158		0.1995	0.1995		0.1995	0.1995	0.0000	11,857.5461	11,857.5461	0.4263	0.1293	11,906.7262
Mobile	0.4885	2.6410	6.6889	0.0227	1.8285	0.0233	1.8517	0.4900	0.0218	0.5118	0.0000	2,096.1990	2,096.1990	0.1072	0.0000	2,098.8784
Waste						0.0000	0.0000		0.0000	0.0000	554.4800	0.0000	554.4800	32.7688	0.0000	1,373.7006
Water						0.0000	0.0000		0.0000	0.0000	128.6820	2,579.3477	2,708.0297	13.3234	0.3341	3,140.6789
Total	**21.6338**	**6.3394**	**50.5234**	**0.0453**	**1.8285**	**0.5138**	**2.3423**	**0.4900**	**0.5124**	**1.0023**	**683.1620**	**17,436.8499**	**18,120.0119**	**46.7089**	**0.4787**	**19,430.3834**

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	20.8565	1.2104	42.6372	6.8300e-003		0.2910	0.2910		0.2910	0.2910	0.0000	903.7572	903.7572	0.0832	0.0153	910.3992
Energy	0.2478	2.1330	1.0146	0.0135		0.1712	0.1712		0.1712	0.1712	0.0000	11,085.2900	11,085.2900	0.4034	0.1187	11,130.7477
Mobile	0.4885	2.6410	6.6889	0.0227	1.8285	0.0233	1.8517	0.4900	0.0218	0.5118	0.0000	2,096.1990	2,096.1990	0.1072	0.0000	2,098.8784
Waste						0.0000	0.0000		0.0000	0.0000	554.4800	0.0000	554.4800	32.7688	0.0000	1,373.7006
Water						0.0000	0.0000		0.0000	0.0000	102.9456	2,242.7894	2,345.7351	10.6661	0.2688	2,692.4959
Total	**21.5928**	**5.9844**	**50.3407**	**0.0431**	**1.8285**	**0.4855**	**2.3140**	**0.4900**	**0.4841**	**0.9740**	**657.4256**	**16,328.0356**	**16,985.4612**	**44.0288**	**0.4028**	**18,206.2219**

	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	N20	CO2e
Percent Reduction	**0.19**	**5.60**	**0.36**	**4.92**	**0.00**	**5.51**	**1.21**	**0.00**	**5.53**	**2.83**	**3.77**	**6.36**	**6.26**	**5.74**	**15.85**	**6.30**

3.0 Construction Detail

Construction Phase

Winchester/Veterans and Crenshaw/Imperial TOD - South Coast Air Basin, Annual

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	12/4/2018	12/3/2018	5	0	
2	Site Preparation	Site Preparation	9/10/2019	9/9/2019	5	0	
3	Grading	Grading	2/25/2020	2/24/2020	5	0	
4	Building Construction	Building Construction	5/4/2020	5/3/2020	5	0	
5	Paving	Paving	6/22/2020	6/21/2020	5	0	
6	Architectural Coating	Architectural Coating	7/24/2020	7/23/2020	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 8,282,250; Residential Outdoor: 2,760,750; Non-Residential Indoor: 1,335,525; Non-Residential Outdoor: 445,175; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Winchester/Veterans and Crenshaw/Imperial TOD - South Coast Air Basin, Annual

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Demolition	Excavators	3	8.00	158	0.38
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Excavators	2	8.00	158	0.38
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Paving	Pavers	2	8.00	130	0.42
Paving	Rollers	2	8.00	80	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving	Paving Equipment	2	8.00	132	0.36
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Building Construction	Welders	1	8.00	46	0.45

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	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	3,230.00	583.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	646.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2018

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**

3.2 Demolition - 2018

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**

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**

3.2 Demolition - 2018

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**

3.3 Site Preparation - 2019

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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**

3.3 Site Preparation - 2019

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**

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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**

3.3 Site Preparation - 2019

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**

3.4 Grading - 2020

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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**

3.4 Grading - 2020

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**

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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**

3.4 Grading - 2020

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**

3.5 Building Construction - 2020

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**

3.5 Building Construction - 2020

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**

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**

3.5 Building Construction - 2020

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**

3.6 Paving - 2020

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
Paving	0.0000	0.0000	0.0000	0.0000	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**

3.6 Paving - 2020

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**

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
Paving	0.0000	0.0000	0.0000	0.0000	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**

3.6 Paving - 2020

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**

3.7 Architectural Coating - 2020

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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**

3.7 Architectural Coating - 2020

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**

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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**

3.7 Architectural Coating - 2020

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

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	0.4885	2.6410	6.6889	0.0227	1.8285	0.0233	1.8517	0.4900	0.0218	0.5118	0.0000	2,096.1990	2,096.1990	0.1072	0.0000	2,098.8784
Unmitigated	0.4885	2.6410	6.6889	0.0227	1.8285	0.0233	1.8517	0.4900	0.0218	0.5118	0.0000	2,096.1990	2,096.1990	0.1072	0.0000	2,098.8784

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	1,186.10	1,186.10	1186.10	4,053,084	4,053,084
General Office Building	204.73	204.73	204.73	659,534	659,534
Strip Mall	53.47	53.47	53.47	101,732	101,732
Total	1,444.30	1,444.30	1,444.30	4,814,350	4,814,350

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	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
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.550339	0.043800	0.200255	0.122233	0.016799	0.005871	0.020633	0.029727	0.002027	0.001932	0.004726	0.000704	0.000955
General Office Building	0.550339	0.043800	0.200255	0.122233	0.016799	0.005871	0.020633	0.029727	0.002027	0.001932	0.004726	0.000704	0.000955
Strip Mall	0.550339	0.043800	0.200255	0.122233	0.016799	0.005871	0.020633	0.029727	0.002027	0.001932	0.004726	0.000704	0.000955

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	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	8,632.9398	8,632.9398	0.3564	0.0737	8,663.8244
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	8,999.3998	8,999.3998	0.3715	0.0769	9,031.5955
NaturalGas Mitigated	0.2478	2.1330	1.0146	0.0135		0.1712	0.1712		0.1712	0.1712	0.0000	2,452.3503	2,452.3503	0.0470	0.0450	2,466.9234
NaturalGas Unmitigated	0.2888	2.4880	1.1973	0.0158		0.1995	0.1995		0.1995	0.1995	0.0000	2,858.1462	2,858.1462	0.0548	0.0524	2,875.1307

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					
Apartments Mid Rise	4.67383e+007	0.2520	2.1536	0.9164	0.0138		0.1741	0.1741		0.1741	0.1741	0.0000	2,494.1343	2,494.1343	0.0478	0.0457	2,508.9557
General Office Building	6.45257e+006	0.0348	0.3163	0.2657	1.9000e-003		0.0240	0.0240		0.0240	0.0240	0.0000	344.3335	344.3335	6.6000e-003	6.3100e-003	346.3797
Strip Mall	368760	1.9900e-003	0.0181	0.0152	1.1000e-004		1.3700e-003	1.3700e-003		1.3700e-003	1.3700e-003	0.0000	19.6784	19.6784	3.8000e-004	3.6000e-004	19.7954
Total		**0.2888**	**2.4880**	**1.1973**	**0.0158**		**0.1995**	**0.1995**		**0.1995**	**0.1995**	**0.0000**	**2,858.1462**	**2,858.1462**	**0.0548**	**0.0524**	**2,875.1308**

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					
Apartments Mid Rise	4.06938e+007	0.2194	1.8751	0.7979	0.0120		0.1516	0.1516		0.1516	0.1516	0.0000	2,171.5785	2,171.5785	0.0416	0.0398	2,184.4831
General Office Building	4.9365e+006	0.0266	0.2420	0.2033	1.4500e-003		0.0184	0.0184		0.0184	0.0184	0.0000	263.4302	263.4302	5.0500e-003	4.8300e-003	264.9956
Strip Mall	324970	1.7500e-003	0.0159	0.0134	1.0000e-004		1.2100e-003	1.2100e-003		1.2100e-003	1.2100e-003	0.0000	17.3416	17.3416	3.3000e-004	3.2000e-004	17.4447
Total		**0.2478**	**2.1330**	**1.0146**	**0.0135**		**0.1712**	**0.1712**		**0.1712**	**0.1712**	**0.0000**	**2,452.3503**	**2,452.3503**	**0.0470**	**0.0450**	**2,466.9234**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	1.6259e+007	5,180.4584	0.2139	0.0443	5,198.9917
General Office Building	9.87652e+006	3,146.8710	0.1299	0.0269	3,158.1290
Strip Mall	2.10931e+006	672.0705	0.0278	5.7400e-003	674.4748
Total		**8,999.3998**	**0.3715**	**0.0769**	**9,031.5955**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	1.60752e+007	5,121.8943	0.2115	0.0438	5,140.2181
General Office Building	9.04524e+006	2,882.0075	0.1190	0.0246	2,892.3179
Strip Mall	1.97425e+006	629.0380	0.0260	5.3700e-003	631.2884
Total		**8,632.9398**	**0.3564**	**0.0737**	**8,663.8244**

6.0 Area Detail

6.1 Mitigation Measures Area

Use only Natural Gas Hearths

Use Low VOC Cleaning Supplies

	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	20.8565	1.2104	42.6372	6.8300e-003		0.2910	0.2910		0.2910	0.2910	0.0000	903.7572	903.7572	0.0832	0.0153	910.3992
Unmitigated	20.8565	1.2104	42.6372	6.8300e-003		0.2910	0.2910		0.2910	0.2910	0.0000	903.7572	903.7572	0.0832	0.0153	910.3992

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	1.4860					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	17.9965					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0844	0.7209	0.3068	4.6000e-003		0.0583	0.0583		0.0583	0.0583	0.0000	834.8368	834.8368	0.0160	0.0153	839.7978
Landscaping	1.2897	0.4896	42.3304	2.2300e-003		0.2327	0.2327		0.2327	0.2327	0.0000	68.9204	68.9204	0.0672	0.0000	70.6015
Total	**20.8565**	**1.2104**	**42.6372**	**6.8300e-003**		**0.2910**	**0.2910**		**0.2910**	**0.2910**	**0.0000**	**903.7572**	**903.7572**	**0.0832**	**0.0153**	**910.3992**

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	1.4860					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	17.9965					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0844	0.7209	0.3068	4.6000e-003		0.0583	0.0583		0.0583	0.0583	0.0000	834.8368	834.8368	0.0160	0.0153	839.7978
Landscaping	1.2897	0.4896	42.3304	2.2300e-003		0.2327	0.2327		0.2327	0.2327	0.0000	68.9204	68.9204	0.0672	0.0000	70.6015
Total	**20.8565**	**1.2104**	**42.6372**	**6.8300e-003**		**0.2910**	**0.2910**		**0.2910**	**0.2910**	**0.0000**	**903.7572**	**903.7572**	**0.0832**	**0.0153**	**910.3992**

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	2,345.7351	10.6661	0.2688	2,692.4959
Unmitigated	2,708.0297	13.3234	0.3341	3,140.6789

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	266.48 / 167.998	1,784.8001	8.7535	0.2196	2,069.0632
General Office Building	125.475 / 76.9038	832.6036	4.1213	0.1033	966.4238
Strip Mall	13.6575 / 8.37072	90.6261	0.4486	0.0113	105.1919
Total		**2,708.0297**	**13.3234**	**0.3341**	**3,140.6789**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	213.184 / 167.998	1,546.7789	7.0077	0.1767	1,774.6149
General Office Building	100.38 / 76.9038	720.5290	3.2993	0.0831	827.7800
Strip Mall	10.926 / 8.37072	78.4271	0.3591	9.0500e-003	90.1010
Total		**2,345.7350**	**10.6661**	**0.2688**	**2,692.4959**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	554.4800	32.7688	0.0000	1,373.7006
Unmitigated	554.4800	32.7688	0.0000	1,373.7006

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	1881.4	381.9072	22.5701	0.0000	946.1589
General Office Building	656.55	133.2737	7.8763	0.0000	330.1800
Strip Mall	193.6	39.2991	2.3225	0.0000	97.3617
Total		**554.4800**	**32.7688**	**0.0000**	**1,373.7006**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	1881.4	381.9072	22.5701	0.0000	946.1589
General Office Building	656.55	133.2737	7.8763	0.0000	330.1800
Strip Mall	193.6	39.2991	2.3225	0.0000	97.3617
Total		**554.4800**	**32.7688**	**0.0000**	**1,373.7006**

9.0 Operational Offroad

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

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

11.0 Vegetation

Westchester-Vetreans and Crenshaw-Imperial-Construction Only

South Coast Air Basin, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	184.38	1000sqft	0.00	184,380.00	0
User Defined Residential	420.00	Dwelling Unit	0.00	0.00	1201
Parking Lot	0.00		7.40	322,344.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	8			**Operational Year**	2019
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

Project Characteristics -

Land Use - Construction of buildings and paving of parking and roads

Construction Phase - Construction runs only

Vehicle Trips - Construction runs only

Architectural Coating - Rule 1113150

Off-road Equipment - Construction runs only

Off-road Equipment - Construction runs

Off-road Equipment - Construction runs only

Off-road Equipment - Construction only runs

Off-road Equipment - Construction runs only

Off-road Equipment - Construction runs only

Woodstoves - construction runs only

Area Coating - Construction run only

Grading - 10.5 acres graded

Demolition - No demolition

Solid Waste - Construction runs only

Mobile Land Use Mitigation -

Construction Off-road Equipment Mitigation - Rule 403.1

Trips and VMT - No demolition, site preparation, grading

On-road Fugitive Dust - No demolition, no site prep, no grading

Consumer Products - construction only

Energy Use - Construction runs only

Water And Wastewater - Construction run only

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Residential_Exterior	0.00	50,000.00
tblArchitecturalCoating	ConstArea_Residential_Interior	0.00	150,000.00

Westchester-Vetreans and Crenshaw-Imperial-Construction Only - South Coast Air Basin, Annual

tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblArchitecturalCoating	EF_Parking	100.00	50.00
tblAreaCoating	Area_Nonresidential_Exterior	92190	0
tblAreaCoating	Area_Nonresidential_Interior	276570	0
tblAreaCoating	Area_Parking	19341	0
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	50
tblConstDustMitigation	WaterExposedAreaPM10PercentReduction	61	75
tblConstDustMitigation	WaterExposedAreaPM25PercentReduction	61	85
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
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
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
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblEnergyUse	LightingElect	4.34	0.00
tblEnergyUse	NT24E	4.94	0.00
tblEnergyUse	NT24NG	0.55	0.00
tblEnergyUse	T24E	4.71	0.00
tblEnergyUse	T24NG	8.59	0.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	357.00	0.00
tblFireplaces	NumberNoFireplace	42.00	0.00
tblFireplaces	NumberWood	21.00	0.00
tblGrading	AcresOfGrading	10.00	10.50
tblGrading	AcresOfGrading	0.00	10.50
tblLandUse	LotAcreage	4.23	0.00
tblSolidWaste	LandfillCaptureGasFlare	94.00	0.00
tblSolidWaste	LandfillCaptureGasFlare	94.00	0.00
tblSolidWaste	LandfillNoGasCapture	6.00	0.00

tblSolidWaste	LandfillNoGasCapture	6.00	0.00
tblSolidWaste	SolidWasteGenerationRate	171.47	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	HO_TL	8.70	0.00
tblVehicleTrips	HO_TTP	40.60	0.00
tblVehicleTrips	HS_TL	5.90	0.00
tblVehicleTrips	HS_TTP	19.20	0.00
tblVehicleTrips	HW_TL	14.70	0.00
tblVehicleTrips	HW_TTP	40.20	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PR_TP	77.00	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblWater	IndoorWaterUseRate	32,770,548.46	0.00
tblWater	OutdoorWaterUseRate	20,085,174.86	0.00
tblWoodstoves	NumberCatalytic	21.00	0.00
tblWoodstoves	NumberNoncatalytic	21.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

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					
2018											0.0000	58.4391	58.4391	0.0117	0.0000	58.7326
2019											0.0000	1,262.5106	1,262.5106	0.1236	0.0000	1,265.6007
2020											0.0000	31.7007	31.7007	6.3500e-003	0.0000	31.8594
Maximum											**0.0000**	**1,262.5106**	**1,262.5106**	**0.1236**	**0.0000**	**1,265.6007**

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					
2018											0.0000	58.4390	58.4390	0.0117	0.0000	58.7325
2019											0.0000	1,262.5102	1,262.5102	0.1236	0.0000	1,265.6003
2020											0.0000	31.7007	31.7007	6.3500e-003	0.0000	31.8594
Maximum											**0.0000**	**1,262.5102**	**1,262.5102**	**0.1236**	**0.0000**	**1,265.6003**

	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	N20	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**

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											0.0000	7.0797	7.0797	6.9600e-003	0.0000	7.2536
Energy											0.0000	35.9470	35.9470	1.4800e-003	3.1000e-004	36.0756
Mobile											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
Water											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total											**0.0000**	**43.0267**	**43.0267**	**8.4400e-003**	**3.1000e-004**	**43.3292**

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											0.0000	7.0797	7.0797	6.9600e-003	0.0000	7.2536
Energy											0.0000	35.9470	35.9470	1.4800e-003	3.1000e-004	36.0756
Mobile											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
Water											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total											**0.0000**	**43.0267**	**43.0267**	**8.4400e-003**	**3.1000e-004**	**43.3292**

	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	N20	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

Westchester-Vetreans and Crenshaw-Imperial-Construction Only - South Coast Air Basin, Annual

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	12/3/2018	12/28/2018	5	20	
2	Site Preparation	Site Preparation	12/29/2018	1/11/2019	5	10	
3	Grading	Grading	1/12/2019	2/8/2019	5	20	
4	Building Construction	Building Construction	2/9/2019	12/27/2019	5	230	
5	Paving	Paving	12/28/2019	1/24/2020	5	20	
6	Architectural Coating	Architectural Coating	1/25/2020	2/21/2020	5	20	

Acres of Grading (Site Preparation Phase): 10.5

Acres of Grading (Grading Phase): 10.5

Acres of Paving: 7.4

Residential Indoor: 150,000; Residential Outdoor: 50,000; Non-Residential Indoor: 276,570; Non-Residential Outdoor: 92,190; Striped Parking Area: 19,341 (Architectural Coating – sqft)

OffRoad Equipment

Westchester-Vetreans and Crenshaw-Imperial-Construction Only - South Coast Air Basin, Annual

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Demolition	Excavators	3	8.00	158	0.38
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Excavators	1	8.00	158	0.38
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Paving	Pavers	2	8.00	130	0.42
Paving	Rollers	2	8.00	80	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Paving	Paving Equipment	2	8.00	132	0.36
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Building Construction	Welders	1	8.00	46	0.45

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	6	15.00	0.00	513.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	497.00	128.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	99.00	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

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Demolition - 2018

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											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road											0.0000	35.1241	35.1241	9.6800e-003	0.0000	35.3660
Total											**0.0000**	**35.1241**	**35.1241**	**9.6800e-003**	**0.0000**	**35.3660**

3.2 Demolition - 2018

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	19.9019	19.9019	1.4600e-003	0.0000	19.9386
Vendor											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker											0.0000	1.5802	1.5802	5.0000e-005	0.0000	1.5816
Total											**0.0000**	**21.4822**	**21.4822**	**1.5100e-003**	**0.0000**	**21.5201**

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											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road											0.0000	35.1240	35.1240	9.6800e-003	0.0000	35.3660
Total											**0.0000**	**35.1240**	**35.1240**	**9.6800e-003**	**0.0000**	**35.3660**

3.2 Demolition - 2018

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	19.9019	19.9019	1.4600e-003	0.0000	19.9386
Vendor											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker											0.0000	1.5802	1.5802	5.0000e-005	0.0000	1.5816
Total											**0.0000**	**21.4822**	**21.4822**	**1.5100e-003**	**0.0000**	**21.5201**

3.3 Site Preparation - 2018

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											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road											0.0000	1.7380	1.7380	5.4000e-004	0.0000	1.7515
Total											**0.0000**	**1.7380**	**1.7380**	**5.4000e-004**	**0.0000**	**1.7515**

3.3 Site Preparation - 2018

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
Vendor											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker											0.0000	0.0948	0.0948	0.0000	0.0000	0.0949
Total											**0.0000**	**0.0948**	**0.0948**	**0.0000**	**0.0000**	**0.0949**

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											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road											0.0000	1.7380	1.7380	5.4000e-004	0.0000	1.7515
Total											**0.0000**	**1.7380**	**1.7380**	**5.4000e-004**	**0.0000**	**1.7515**

3.3 Site Preparation - 2018

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
Vendor											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker											0.0000	0.0948	0.0948	0.0000	0.0000	0.0949
Total											**0.0000**	**0.0948**	**0.0948**	**0.0000**	**0.0000**	**0.0949**

3.3 Site Preparation - 2019

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											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road											0.0000	15.3759	15.3759	4.8600e-003	0.0000	15.4975
Total											**0.0000**	**15.3759**	**15.3759**	**4.8600e-003**	**0.0000**	**15.4975**

3.3 Site Preparation - 2019

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
Vendor											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker											0.0000	0.8264	0.8264	3.0000e-005	0.0000	0.8271
Total											**0.0000**	**0.8264**	**0.8264**	**3.0000e-005**	**0.0000**	**0.8271**

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											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road											0.0000	15.3759	15.3759	4.8600e-003	0.0000	15.4975
Total											**0.0000**	**15.3759**	**15.3759**	**4.8600e-003**	**0.0000**	**15.4975**

3.3 Site Preparation - 2019

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
Vendor											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker											0.0000	0.8264	0.8264	3.0000e-005	0.0000	0.8271
Total											**0.0000**	**0.8264**	**0.8264**	**3.0000e-005**	**0.0000**	**0.8271**

3.4 Grading - 2019

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											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road											0.0000	26.6423	26.6423	8.4300e-003	0.0000	26.8530
Total											**0.0000**	**26.6423**	**26.6423**	**8.4300e-003**	**0.0000**	**26.8530**

3.4 Grading - 2019

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
Vendor											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker											0.0000	1.5304	1.5304	5.0000e-005	0.0000	1.5316
Total											**0.0000**	**1.5304**	**1.5304**	**5.0000e-005**	**0.0000**	**1.5316**

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											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road											0.0000	26.6422	26.6422	8.4300e-003	0.0000	26.8530
Total											**0.0000**	**26.6422**	**26.6422**	**8.4300e-003**	**0.0000**	**26.8530**

3.4 Grading - 2019

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
Vendor											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker											0.0000	1.5304	1.5304	5.0000e-005	0.0000	1.5316
Total											**0.0000**	**1.5304**	**1.5304**	**5.0000e-005**	**0.0000**	**1.5316**

3.5 Building Construction - 2019

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	270.3698	270.3698	0.0659	0.0000	272.0164
Total											**0.0000**	**270.3698**	**270.3698**	**0.0659**	**0.0000**	**272.0164**

3.5 Building Construction - 2019

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
Vendor											0.0000	362.4417	362.4417	0.0254	0.0000	363.0775
Worker											0.0000	583.1235	583.1235	0.0183	0.0000	583.5807
Total											**0.0000**	**945.5652**	**945.5652**	**0.0437**	**0.0000**	**946.6582**

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	270.3695	270.3695	0.0659	0.0000	272.0161
Total											**0.0000**	**270.3695**	**270.3695**	**0.0659**	**0.0000**	**272.0161**

3.5 Building Construction - 2019

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
Vendor											0.0000	362.4417	362.4417	0.0254	0.0000	363.0775
Worker											0.0000	583.1235	583.1235	0.0183	0.0000	583.5807
Total											**0.0000**	**945.5652**	**945.5652**	**0.0437**	**0.0000**	**946.6582**

3.6 Paving - 2019

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	2.0475	2.0475	6.5000e-004	0.0000	2.0637
Paving											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total											**0.0000**	**2.0475**	**2.0475**	**6.5000e-004**	**0.0000**	**2.0637**

3.6 Paving - 2019

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
Vendor											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker											0.0000	0.1530	0.1530	0.0000	0.0000	0.1532
Total											**0.0000**	**0.1530**	**0.1530**	**0.0000**	**0.0000**	**0.1532**

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	2.0475	2.0475	6.5000e-004	0.0000	2.0637
Paving											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total											**0.0000**	**2.0475**	**2.0475**	**6.5000e-004**	**0.0000**	**2.0637**

3.6 Paving - 2019

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
Vendor											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker											0.0000	0.1530	0.1530	0.0000	0.0000	0.1532
Total											**0.0000**	**0.1530**	**0.1530**	**0.0000**	**0.0000**	**0.1532**

3.6 Paving - 2020

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	18.0254	18.0254	5.8300e-003	0.0000	18.1711
Paving											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total											**0.0000**	**18.0254**	**18.0254**	**5.8300e-003**	**0.0000**	**18.1711**

3.6 Paving - 2020

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
Vendor											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker											0.0000	1.3347	1.3347	4.0000e-005	0.0000	1.3356
Total											**0.0000**	**1.3347**	**1.3347**	**4.0000e-005**	**0.0000**	**1.3356**

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	18.0254	18.0254	5.8300e-003	0.0000	18.1711
Paving											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total											**0.0000**	**18.0254**	**18.0254**	**5.8300e-003**	**0.0000**	**18.1711**

3.6 Paving - 2020

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
Vendor											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker											0.0000	1.3347	1.3347	4.0000e-005	0.0000	1.3356
Total											**0.0000**	**1.3347**	**1.3347**	**4.0000e-005**	**0.0000**	**1.3356**

3.7 Architectural Coating - 2020

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											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road											0.0000	2.5533	2.5533	2.0000e-004	0.0000	2.5582
Total											**0.0000**	**2.5533**	**2.5533**	**2.0000e-004**	**0.0000**	**2.5582**

3.7 Architectural Coating - 2020

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
Vendor											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker											0.0000	9.7874	9.7874	2.8000e-004	0.0000	9.7945
Total											**0.0000**	**9.7874**	**9.7874**	**2.8000e-004**	**0.0000**	**9.7945**

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											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road											0.0000	2.5533	2.5533	2.0000e-004	0.0000	2.5582
Total											**0.0000**	**2.5533**	**2.5533**	**2.0000e-004**	**0.0000**	**2.5582**

3.7 Architectural Coating - 2020

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
Vendor											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker											0.0000	9.7874	9.7874	2.8000e-004	0.0000	9.7945
Total											**0.0000**	**9.7874**	**9.7874**	**2.8000e-004**	**0.0000**	**9.7945**

4.0 Operational Detail - Mobile

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
Unmitigated											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	0.00	0.00	0.00		
User Defined Residential	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	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
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
User Defined Residential	0.00	0.00	0.00	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
User Defined Residential	0.548893	0.044275	0.199565	0.124385	0.017503	0.005874	0.020174	0.028962	0.001990	0.002015	0.004673	0.000702	0.000989
General Office Building	0.548893	0.044275	0.199565	0.124385	0.017503	0.005874	0.020174	0.028962	0.001990	0.002015	0.004673	0.000702	0.000989
Parking Lot	0.548893	0.044275	0.199565	0.124385	0.017503	0.005874	0.020174	0.028962	0.001990	0.002015	0.004673	0.000702	0.000989

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	35.9470	35.9470	1.4800e-003	3.1000e-004	36.0756
Electricity Unmitigated											0.0000	35.9470	35.9470	1.4800e-003	3.1000e-004	36.0756
NaturalGas Mitigated											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

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					
General Office Building	0											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
User Defined Residential	0											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**

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					
General Office Building	0											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
User Defined Residential	0											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**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	112820	35.9470	1.4800e-003	3.1000e-004	36.0756
User Defined Residential	0	0.0000	0.0000	0.0000	0.0000
Total		**35.9470**	**1.4800e-003**	**3.1000e-004**	**36.0756**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	112820	35.9470	1.4800e-003	3.1000e-004	36.0756
User Defined Residential	0	0.0000	0.0000	0.0000	0.0000
Total		**35.9470**	**1.4800e-003**	**3.1000e-004**	**36.0756**

6.0 Area Detail

6.1 Mitigation Measures Area

	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	7.0797	7.0797	6.9600e-003	0.0000	7.2536
Unmitigated											0.0000	7.0797	7.0797	6.9600e-003	0.0000	7.2536

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											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping											0.0000	7.0797	7.0797	6.9600e-003	0.0000	7.2536
Total											**0.0000**	**7.0797**	**7.0797**	**6.9600e-003**	**0.0000**	**7.2536**

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											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping											0.0000	7.0797	7.0797	6.9600e-003	0.0000	7.2536
Total											**0.0000**	**7.0797**	**7.0797**	**6.9600e-003**	**0.0000**	**7.2536**

7.0 Water Detail

7.1 Mitigation Measures Water

	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			
General Office Building	0 / 0	0.0000	0.0000	0.0000	0.0000
User Defined Residential	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	0 / 0	0.0000	0.0000	0.0000	0.0000
User Defined Residential	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

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	0	0.0000	0.0000	0.0000	0.0000
User Defined Residential	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			
General Office Building	0	0.0000	0.0000	0.0000	0.0000
User Defined Residential	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

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

11.0 Vegetation

Westchester-Vetreans and Crenshaw-Imperial-Construction Only

South Coast Air Basin, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	184.38	1000sqft	0.00	184,380.00	0
User Defined Residential	420.00	Dwelling Unit	0.00	0.00	1201
Parking Lot	0.00		7.40	322,344.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	8			**Operational Year**	2019
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

Project Characteristics -

Land Use - Construction of buildings and paving of parking and roads

Construction Phase - Construction runs only

Vehicle Trips - Construction runs only

Architectural Coating - Rule 1113150

Off-road Equipment - Construction runs only

Off-road Equipment - Construction runs

Off-road Equipment - Construction runs only

Off-road Equipment - Construction only runs

Off-road Equipment - Construction runs only

Off-road Equipment - Construction runs only

Woodstoves - construction runs only

Area Coating - Construction run only

Grading - 10.5 acres graded

Demolition - No demolition

Solid Waste - Construction runs only

Mobile Land Use Mitigation -

Construction Off-road Equipment Mitigation - Rule 403.1

Trips and VMT - No demolition, site preparation, grading

On-road Fugitive Dust - No demolition, no site prep, no grading

Consumer Products - construction only

Energy Use - Construction runs only

Water And Wastewater - Construction run only

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Residential_Exterior	0.00	50,000.00
tblArchitecturalCoating	ConstArea_Residential_Interior	0.00	150,000.00

Westchester-Vetreans and Crenshaw-Imperial-Construction Only - South Coast Air Basin, Winter

tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblArchitecturalCoating	EF_Parking	100.00	50.00
tblAreaCoating	Area_Nonresidential_Exterior	92190	0
tblAreaCoating	Area_Nonresidential_Interior	276570	0
tblAreaCoating	Area_Parking	19341	0
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	50
tblConstDustMitigation	WaterExposedAreaPM10PercentReduction	61	75
tblConstDustMitigation	WaterExposedAreaPM25PercentReduction	61	85
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
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
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
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblEnergyUse	LightingElect	4.34	0.00
tblEnergyUse	NT24E	4.94	0.00
tblEnergyUse	NT24NG	0.55	0.00
tblEnergyUse	T24E	4.71	0.00
tblEnergyUse	T24NG	8.59	0.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	357.00	0.00
tblFireplaces	NumberNoFireplace	42.00	0.00
tblFireplaces	NumberWood	21.00	0.00
tblGrading	AcresOfGrading	10.00	10.50
tblGrading	AcresOfGrading	0.00	10.50
tblLandUse	LotAcreage	4.23	0.00
tblSolidWaste	LandfillCaptureGasFlare	94.00	0.00
tblSolidWaste	LandfillCaptureGasFlare	94.00	0.00
tblSolidWaste	LandfillNoGasCapture	6.00	0.00

tblSolidWaste	LandfillNoGasCapture	6.00	0.00
tblSolidWaste	SolidWasteGenerationRate	171.47	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	HO_TL	8.70	0.00
tblVehicleTrips	HO_TTP	40.60	0.00
tblVehicleTrips	HS_TL	5.90	0.00
tblVehicleTrips	HS_TTP	19.20	0.00
tblVehicleTrips	HW_TL	14.70	0.00
tblVehicleTrips	HW_TTP	40.20	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PR_TP	77.00	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblWater	IndoorWaterUseRate	32,770,548.46	0.00
tblWater	OutdoorWaterUseRate	20,085,174.86	0.00
tblWoodstoves	NumberCatalytic	21.00	0.00
tblWoodstoves	NumberNoncatalytic	21.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

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	lb/day										lb/day					
2018	4.6682	48.2749	24.6689	0.0606	19.3810	2.5785	21.9595	10.1043	2.3722	12.4765						
2019	5.5315	45.6399	41.4030	0.1142	19.3810	2.3919	21.7729	10.1043	2.2006	12.3049						
2020	68.8769	14.1155	15.2065	0.0244	1.1066	0.7541	1.2260	0.2935	0.6938	0.7382						
Maximum	**68.8769**	**48.2749**	**41.4030**	**0.1142**	**19.3810**	**2.5785**	**21.9595**	**10.1043**	**2.3722**	**12.4765**						

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	lb/day										lb/day					
2018	0.7896	10.2472	25.6447	0.0606	4.9087	0.0948	4.9724	1.5395	0.0933	1.6031						
2019	3.4982	18.8016	41.6995	0.1142	4.9087	0.1832	4.9723	1.5395	0.1755	1.6031						
2020	68.6644	1.2653	17.8500	0.0244	0.6256	0.0387	0.6380	0.1754	0.0386	0.1871						
Maximum	**68.6644**	**18.8016**	**41.6995**	**0.1142**	**4.9087**	**0.1832**	**4.9724**	**1.5395**	**0.1755**	**1.6031**						

Westchester-Vetreans and Crenshaw-Imperial-Construction Only - South Coast Air Basin, Winter

	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	N20	CO2e
Percent Reduction	**7.74**	**71.94**	**-4.82**	**0.00**	**73.81**	**94.47**	**76.46**	**84.13**	**94.16**	**86.70**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

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	lb/day										lb/day					
Area	4.8326	0.4035	34.8412	1.8300e-003		0.1909	0.1909		0.1909	0.1909						
Energy	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						
Total	**4.8326**	**0.4035**	**34.8412**	**1.8300e-003**	**0.0000**	**0.1909**	**0.1909**	**0.0000**	**0.1909**	**0.1909**						

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	lb/day										lb/day					
Area	4.8326	0.4035	34.8412	1.8300e-003		0.1909	0.1909		0.1909	0.1909						
Energy	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						
Total	**4.8326**	**0.4035**	**34.8412**	**1.8300e-003**	**0.0000**	**0.1909**	**0.1909**	**0.0000**	**0.1909**	**0.1909**						

	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	N20	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	12/3/2018	12/28/2018	5	20	
2	Site Preparation	Site Preparation	12/29/2018	1/11/2019	5	10	
3	Grading	Grading	1/12/2019	2/8/2019	5	20	
4	Building Construction	Building Construction	2/9/2019	12/27/2019	5	230	
5	Paving	Paving	12/28/2019	1/24/2020	5	20	
6	Architectural Coating	Architectural Coating	1/25/2020	2/21/2020	5	20	

Acres of Grading (Site Preparation Phase): 10.5

Acres of Grading (Grading Phase): 10.5

Acres of Paving: 7.4

Residential Indoor: 150,000; Residential Outdoor: 50,000; Non-Residential Indoor: 276,570; Non-Residential Outdoor: 92,190; Striped Parking Area: 19,341 (Architectural Coating – sqft)

OffRoad Equipment

Westchester-Vetreans and Crenshaw-Imperial-Construction Only - South Coast Air Basin, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Demolition	Excavators	3	8.00	158	0.38
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Excavators	1	8.00	158	0.38
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Paving	Pavers	2	8.00	130	0.42
Paving	Rollers	2	8.00	80	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Paving	Paving Equipment	2	8.00	132	0.36
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Building Construction	Welders	1	8.00	46	0.45

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	6	15.00	0.00	513.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	497.00	128.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	99.00	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

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Demolition - 2018

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	lb/day										lb/day					
Fugitive Dust					5.5537	0.0000	5.5537	0.8409	0.0000	0.8409						
Off-Road	3.7190	38.3225	22.3040	0.0388		1.9386	1.9386		1.8048	1.8048						
Total	**3.7190**	**38.3225**	**22.3040**	**0.0388**	**5.5537**	**1.9386**	**7.4923**	**0.8409**	**1.8048**	**2.6457**						

3.2 Demolition - 2018

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	lb/day										lb/day					
Hauling	0.2395	8.1805	1.6810	0.0201	0.4480	0.0318	0.4799	0.1228	0.0305	0.1532						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0879	0.0635	0.6839	1.7200e-003	0.1677	1.3400e-003	0.1690	0.0445	1.2400e-003	0.0457						
Total	**0.3274**	**8.2439**	**2.3649**	**0.0218**	**0.6157**	**0.0332**	**0.6489**	**0.1672**	**0.0317**	**0.1989**						

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	lb/day										lb/day					
Fugitive Dust					1.3884	0.0000	1.3884	0.1261	0.0000	0.1261						
Off-Road	0.4623	2.0032	23.2798	0.0388		0.0616	0.0616		0.0616	0.0616						
Total	**0.4623**	**2.0032**	**23.2798**	**0.0388**	**1.3884**	**0.0616**	**1.4501**	**0.1261**	**0.0616**	**0.1878**						

3.2 Demolition - 2018

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	lb/day										lb/day					
Hauling	0.2395	8.1805	1.6810	0.0201	0.2785	0.0318	0.3103	0.0812	0.0305	0.1116						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0879	0.0635	0.6839	1.7200e-003	0.0948	1.3400e-003	0.0961	0.0266	1.2400e-003	0.0278						
Total	**0.3274**	**8.2439**	**2.3649**	**0.0218**	**0.3732**	**0.0332**	**0.4064**	**0.1077**	**0.0317**	**0.1394**						

3.3 Site Preparation - 2018

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	lb/day										lb/day					
Fugitive Dust					19.1798	0.0000	19.1798	10.0509	0.0000	10.0509						
Off-Road	4.5627	48.1988	22.4763	0.0380		2.5769	2.5769		2.3708	2.3708						
Total	**4.5627**	**48.1988**	**22.4763**	**0.0380**	**19.1798**	**2.5769**	**21.7567**	**10.0509**	**2.3708**	**12.4217**						

3.3 Site Preparation - 2018

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	lb/day										lb/day					
Hauling	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						
Worker	0.1055	0.0762	0.8206	2.0700e-003	0.2012	1.6100e-003	0.2028	0.0534	1.4900e-003	0.0549						
Total	**0.1055**	**0.0762**	**0.8206**	**2.0700e-003**	**0.2012**	**1.6100e-003**	**0.2028**	**0.0534**	**1.4900e-003**	**0.0549**						

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	lb/day										lb/day					
Fugitive Dust					4.7950	0.0000	4.7950	1.5076	0.0000	1.5076						
Off-Road	0.4656	2.0175	20.8690	0.0380		0.0621	0.0621		0.0621	0.0621						
Total	**0.4656**	**2.0175**	**20.8690**	**0.0380**	**4.7950**	**0.0621**	**4.8570**	**1.5076**	**0.0621**	**1.5697**						

3.3 Site Preparation - 2018

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	lb/day										lb/day					
Hauling	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						
Worker	0.1055	0.0762	0.8206	2.0700e-003	0.1137	1.6100e-003	0.1154	0.0319	1.4900e-003	0.0334						
Total	**0.1055**	**0.0762**	**0.8206**	**2.0700e-003**	**0.1137**	**1.6100e-003**	**0.1154**	**0.0319**	**1.4900e-003**	**0.0334**						

3.3 Site Preparation - 2019

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	lb/day										lb/day					
Fugitive Dust					19.1798	0.0000	19.1798	10.0509	0.0000	10.0509						
Off-Road	4.3350	45.5727	22.0630	0.0380		2.3904	2.3904		2.1991	2.1991						
Total	**4.3350**	**45.5727**	**22.0630**	**0.0380**	**19.1798**	**2.3904**	**21.5701**	**10.0509**	**2.1991**	**12.2501**						

3.3 Site Preparation - 2019

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	lb/day										lb/day					
Hauling	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						
Worker	0.0960	0.0672	0.7326	2.0000e-003	0.2012	1.5700e-003	0.2028	0.0534	1.4500e-003	0.0548						
Total	**0.0960**	**0.0672**	**0.7326**	**2.0000e-003**	**0.2012**	**1.5700e-003**	**0.2028**	**0.0534**	**1.4500e-003**	**0.0548**						

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	lb/day										lb/day					
Fugitive Dust					4.7950	0.0000	4.7950	1.5076	0.0000	1.5076						
Off-Road	0.4656	2.0175	20.8690	0.0380		0.0621	0.0621		0.0621	0.0621						
Total	**0.4656**	**2.0175**	**20.8690**	**0.0380**	**4.7950**	**0.0621**	**4.8570**	**1.5076**	**0.0621**	**1.5697**						

3.3 Site Preparation - 2019

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	lb/day										lb/day					
Hauling	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						
Worker	0.0960	0.0672	0.7326	2.0000e-003	0.1137	1.5700e-003	0.1153	0.0319	1.4500e-003	0.0333						
Total	**0.0960**	**0.0672**	**0.7326**	**2.0000e-003**	**0.1137**	**1.5700e-003**	**0.1153**	**0.0319**	**1.4500e-003**	**0.0333**						

3.4 Grading - 2019

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	lb/day										lb/day					
Fugitive Dust					6.5789	0.0000	6.5789	3.3703	0.0000	3.3703						
Off-Road	2.5805	28.3480	16.2934	0.0297		1.3974	1.3974		1.2856	1.2856						
Total	**2.5805**	**28.3480**	**16.2934**	**0.0297**	**6.5789**	**1.3974**	**7.9762**	**3.3703**	**1.2856**	**4.6559**						

3.4 Grading - 2019

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	lb/day										lb/day					
Hauling	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						
Worker	0.0800	0.0560	0.6105	1.6700e-003	0.1677	1.3100e-003	0.1690	0.0445	1.2100e-003	0.0457						
Total	**0.0800**	**0.0560**	**0.6105**	**1.6700e-003**	**0.1677**	**1.3100e-003**	**0.1690**	**0.0445**	**1.2100e-003**	**0.0457**						

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	lb/day										lb/day					
Fugitive Dust					1.6447	0.0000	1.6447	0.5056	0.0000	0.5056						
Off-Road	0.3632	1.5737	17.7527	0.0297		0.0484	0.0484		0.0484	0.0484						
Total	**0.3632**	**1.5737**	**17.7527**	**0.0297**	**1.6447**	**0.0484**	**1.6931**	**0.5056**	**0.0484**	**0.5540**						

3.4 Grading - 2019

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	lb/day										lb/day					
Hauling	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						
Worker	0.0800	0.0560	0.6105	1.6700e-003	0.0948	1.3100e-003	0.0961	0.0266	1.2100e-003	0.0278						
Total	**0.0800**	**0.0560**	**0.6105**	**1.6700e-003**	**0.0948**	**1.3100e-003**	**0.0961**	**0.0266**	**1.2100e-003**	**0.0278**						

3.5 Building Construction - 2019

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	lb/day										lb/day					
Off-Road	2.3612	21.0788	17.1638	0.0269		1.2899	1.2899		1.2127	1.2127						
Total	**2.3612**	**21.0788**	**17.1638**	**0.0269**		**1.2899**	**1.2899**		**1.2127**	**1.2127**						

3.5 Building Construction - 2019

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.5204	14.7115	4.0127	0.0320	0.8191	0.0990	0.9180	0.2358	0.0947	0.3305						
Worker	2.6499	1.8555	20.2265	0.0553	5.5553	0.0435	5.5988	1.4733	0.0401	1.5134						
Total	**3.1703**	**16.5669**	**24.2392**	**0.0873**	**6.3743**	**0.1424**	**6.5168**	**1.7091**	**0.1347**	**1.8438**						

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	lb/day										lb/day					
Off-Road	0.3278	2.2347	17.4603	0.0269		0.0408	0.0408		0.0408	0.0408						
Total	**0.3278**	**2.2347**	**17.4603**	**0.0269**		**0.0408**	**0.0408**		**0.0408**	**0.0408**						

3.5 Building Construction - 2019

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.5204	14.7115	4.0127	0.0320	0.5271	0.0990	0.6261	0.1641	0.0947	0.2588						
Worker	2.6499	1.8555	20.2265	0.0553	3.1405	0.0435	3.1840	0.8806	0.0401	0.9206						
Total	**3.1703**	**16.5669**	**24.2392**	**0.0873**	**3.6676**	**0.1424**	**3.8101**	**1.0447**	**0.1347**	**1.1794**						

3.6 Paving - 2019

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	lb/day										lb/day					
Off-Road	1.4544	15.2441	14.6648	0.0228		0.8246	0.8246		0.7586	0.7586						
Paving	0.9694					0.0000	0.0000		0.0000	0.0000						
Total	**2.4238**	**15.2441**	**14.6648**	**0.0228**		**0.8246**	**0.8246**		**0.7586**	**0.7586**						

3.6 Paving - 2019

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	lb/day										lb/day					
Hauling	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						
Worker	0.0800	0.0560	0.6105	1.6700e-003	0.1677	1.3100e-003	0.1690	0.0445	1.2100e-003	0.0457						
Total	**0.0800**	**0.0560**	**0.6105**	**1.6700e-003**	**0.1677**	**1.3100e-003**	**0.1690**	**0.0445**	**1.2100e-003**	**0.0457**						

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	lb/day										lb/day					
Off-Road	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374						
Paving	0.9694					0.0000	0.0000		0.0000	0.0000						
Total	**1.2499**	**1.2154**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**						

3.6 Paving - 2019

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	lb/day										lb/day					
Hauling	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						
Worker	0.0800	0.0560	0.6105	1.6700e-003	0.0948	1.3100e-003	0.0961	0.0266	1.2100e-003	0.0278						
Total	**0.0800**	**0.0560**	**0.6105**	**1.6700e-003**	**0.0948**	**1.3100e-003**	**0.0961**	**0.0266**	**1.2100e-003**	**0.0278**						

3.6 Paving - 2020

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	lb/day										lb/day					
Off-Road	1.3566	14.0656	14.6521	0.0228		0.7528	0.7528		0.6926	0.6926						
Paving	0.9694					0.0000	0.0000		0.0000	0.0000						
Total	**2.3260**	**14.0656**	**14.6521**	**0.0228**		**0.7528**	**0.7528**		**0.6926**	**0.6926**						

3.6 Paving - 2020

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	lb/day										lb/day					
Hauling	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						
Worker	0.0740	0.0500	0.5544	1.6200e-003	0.1677	1.2800e-003	0.1689	0.0445	1.1800e-003	0.0456						
Total	**0.0740**	**0.0500**	**0.5544**	**1.6200e-003**	**0.1677**	**1.2800e-003**	**0.1689**	**0.0445**	**1.1800e-003**	**0.0456**						

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	lb/day										lb/day					
Off-Road	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374						
Paving	0.9694					0.0000	0.0000		0.0000	0.0000						
Total	**1.2499**	**1.2154**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**						

3.6 Paving - 2020

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	lb/day										lb/day					
Hauling	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						
Worker	0.0740	0.0500	0.5544	1.6200e-003	0.0948	1.2800e-003	0.0961	0.0266	1.1800e-003	0.0278						
Total	**0.0740**	**0.0500**	**0.5544**	**1.6200e-003**	**0.0948**	**1.2800e-003**	**0.0961**	**0.0266**	**1.1800e-003**	**0.0278**						

3.7 Architectural Coating - 2020

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	lb/day										lb/day					
Archit. Coating	68.1462					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109						
Total	**68.3884**	**1.6838**	**1.8314**	**2.9700e-003**		**0.1109**	**0.1109**		**0.1109**	**0.1109**						

3.7 Architectural Coating - 2020

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	lb/day										lb/day					
Hauling	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						
Worker	0.4885	0.3298	3.6589	0.0107	1.1066	8.4400e-003	1.1150	0.2935	7.7800e-003	0.3013						
Total	**0.4885**	**0.3298**	**3.6589**	**0.0107**	**1.1066**	**8.4400e-003**	**1.1150**	**0.2935**	**7.7800e-003**	**0.3013**						

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	lb/day										lb/day					
Archit. Coating	68.1462					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003						
Total	**68.1759**	**0.1288**	**1.8324**	**2.9700e-003**		**3.9600e-003**	**3.9600e-003**		**3.9600e-003**	**3.9600e-003**						

3.7 Architectural Coating - 2020

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	lb/day										lb/day					
Hauling	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						
Worker	0.4885	0.3298	3.6589	0.0107	0.6256	8.4400e-003	0.6340	0.1754	7.7800e-003	0.1832						
Total	**0.4885**	**0.3298**	**3.6589**	**0.0107**	**0.6256**	**8.4400e-003**	**0.6340**	**0.1754**	**7.7800e-003**	**0.1832**						

4.0 Operational Detail - Mobile

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	lb/day										lb/day					
Mitigated	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						

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	0.00	0.00	0.00		
User Defined Residential	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	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
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
User Defined Residential	0.00	0.00	0.00	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
User Defined Residential	0.548893	0.044275	0.199565	0.124385	0.017503	0.005874	0.020174	0.028962	0.001990	0.002015	0.004673	0.000702	0.000989
General Office Building	0.548893	0.044275	0.199565	0.124385	0.017503	0.005874	0.020174	0.028962	0.001990	0.002015	0.004673	0.000702	0.000989
Parking Lot	0.548893	0.044275	0.199565	0.124385	0.017503	0.005874	0.020174	0.028962	0.001990	0.002015	0.004673	0.000702	0.000989

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	lb/day										lb/day					
NaturalGas Mitigated	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						

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	lb/day										lb/day					
General Office Building	0	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						
User Defined Residential	0	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**						

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	lb/day										lb/day					
General Office Building	0	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						
User Defined Residential	0	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**						

6.0 Area Detail

6.1 Mitigation Measures Area

	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	lb/day										lb/day					
Mitigated	4.8326	0.4035	34.8412	1.8300e-003		0.1909	0.1909		0.1909	0.1909						
Unmitigated	4.8326	0.4035	34.8412	1.8300e-003		0.1909	0.1909		0.1909	0.1909						

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	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000						
Consumer Products	3.7649					0.0000	0.0000		0.0000	0.0000						
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
Landscaping	1.0677	0.4035	34.8412	1.8300e-003		0.1909	0.1909		0.1909	0.1909						
Total	**4.8326**	**0.4035**	**34.8412**	**1.8300e-003**		**0.1909**	**0.1909**		**0.1909**	**0.1909**						

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	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000						
Consumer Products	3.7649					0.0000	0.0000		0.0000	0.0000						
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
Landscaping	1.0677	0.4035	34.8412	1.8300e-003		0.1909	0.1909		0.1909	0.1909						
Total	**4.8326**	**0.4035**	**34.8412**	**1.8300e-003**		**0.1909**	**0.1909**		**0.1909**	**0.1909**						

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

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

11.0 Vegetation

Westchester-Vetreans and Crenshaw-Imperial-Construction Only

South Coast Air Basin, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	184.38	1000sqft	0.00	184,380.00	0
User Defined Residential	420.00	Dwelling Unit	0.00	0.00	1201
Parking Lot	0.00		7.40	322,344.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	8			**Operational Year**	2019
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

Project Characteristics -

Land Use - Construction of buildings and paving of parking and roads

Construction Phase - Construction runs only

Vehicle Trips - Construction runs only

Architectural Coating - Rule 1113150

Off-road Equipment - Construction runs only

Off-road Equipment - Construction runs

Off-road Equipment - Construction runs only

Off-road Equipment - Construction only runs

Off-road Equipment - Construction runs only

Off-road Equipment - Construction runs only

Woodstoves - construction runs only

Area Coating - Construction run only

Grading - 10.5 acres graded

Demolition - No demolition

Solid Waste - Construction runs only

Mobile Land Use Mitigation -

Construction Off-road Equipment Mitigation - Rule 403.1

Trips and VMT - No demolition, site preparation, grading

On-road Fugitive Dust - No demolition, no site prep, no grading

Consumer Products - construction only

Energy Use - Construction runs only

Water And Wastewater - Construction run only

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Residential_Exterior	0.00	50,000.00
tblArchitecturalCoating	ConstArea_Residential_Interior	0.00	150,000.00

Westchester-Vetreans and Crenshaw-Imperial-Construction Only - South Coast Air Basin, Summer

tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblArchitecturalCoating	EF_Parking	100.00	50.00
tblAreaCoating	Area_Nonresidential_Exterior	92190	0
tblAreaCoating	Area_Nonresidential_Interior	276570	0
tblAreaCoating	Area_Parking	19341	0
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	50
tblConstDustMitigation	WaterExposedAreaPM10PercentReduction	61	75
tblConstDustMitigation	WaterExposedAreaPM25PercentReduction	61	85
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
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
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
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblEnergyUse	LightingElect	4.34	0.00
tblEnergyUse	NT24E	4.94	0.00
tblEnergyUse	NT24NG	0.55	0.00
tblEnergyUse	T24E	4.71	0.00
tblEnergyUse	T24NG	8.59	0.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	357.00	0.00
tblFireplaces	NumberNoFireplace	42.00	0.00
tblFireplaces	NumberWood	21.00	0.00
tblGrading	AcresOfGrading	10.00	10.50
tblGrading	AcresOfGrading	0.00	10.50
tblLandUse	LotAcreage	4.23	0.00
tblSolidWaste	LandfillCaptureGasFlare	94.00	0.00
tblSolidWaste	LandfillCaptureGasFlare	94.00	0.00
tblSolidWaste	LandfillNoGasCapture	6.00	0.00

Westchester-Vetreans and Crenshaw-Imperial-Construction Only - South Coast Air Basin, Summer

tblSolidWaste	LandfillNoGasCapture	6.00	0.00
tblSolidWaste	SolidWasteGenerationRate	171.47	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	HO_TL	8.70	0.00
tblVehicleTrips	HO_TTP	40.60	0.00
tblVehicleTrips	HS_TL	5.90	0.00
tblVehicleTrips	HS_TTP	19.20	0.00
tblVehicleTrips	HW_TL	14.70	0.00
tblVehicleTrips	HW_TTP	40.20	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PR_TP	77.00	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblWater	IndoorWaterUseRate	32,770,548.46	0.00
tblWater	OutdoorWaterUseRate	20,085,174.86	0.00
tblWoodstoves	NumberCatalytic	21.00	0.00
tblWoodstoves	NumberNoncatalytic	21.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

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	lb/day										lb/day					
2018	4.6589	48.2681	24.6173	0.0611	19.3810	2.5785	21.9595	10.1043	2.3722	12.4765						
2019	5.2730	45.6339	43.0493	0.1187	19.3810	2.3919	21.7729	10.1043	2.2006	12.3049						
2020	68.8325	14.1110	15.2635	0.0245	1.1066	0.7541	1.2260	0.2935	0.6938	0.7382						
Maximum	**68.8325**	**48.2681**	**43.0493**	**0.1187**	**19.3810**	**2.5785**	**21.9595**	**10.1043**	**2.3722**	**12.4765**						

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	lb/day										lb/day					
2018	0.7756	10.1285	25.5931	0.0611	4.9087	0.0942	4.9724	1.5395	0.0927	1.6031						
2019	3.2396	18.6167	43.3457	0.1187	4.9087	0.1817	4.9723	1.5395	0.1740	1.6031						
2020	68.6200	1.2609	17.9070	0.0245	0.6256	0.0387	0.6380	0.1754	0.0386	0.1871						
Maximum	**68.6200**	**18.6167**	**43.3457**	**0.1187**	**4.9087**	**0.1817**	**4.9724**	**1.5395**	**0.1740**	**1.6031**						

Westchester-Vetreans and Crenshaw-Imperial-Construction Only - South Coast Air Basin, Summer

	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	N20	CO2e
Percent Reduction	**7.78**	**72.22**	**-4.72**	**0.00**	**73.81**	**94.51**	**76.46**	**84.13**	**94.20**	**86.70**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

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	lb/day										lb/day					
Area	4.8326	0.4035	34.8412	1.8300e-003		0.1909	0.1909		0.1909	0.1909						
Energy	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						
Total	**4.8326**	**0.4035**	**34.8412**	**1.8300e-003**	**0.0000**	**0.1909**	**0.1909**	**0.0000**	**0.1909**	**0.1909**						

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	lb/day										lb/day					
Area	4.8326	0.4035	34.8412	1.8300e-003		0.1909	0.1909		0.1909	0.1909						
Energy	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						
Total	**4.8326**	**0.4035**	**34.8412**	**1.8300e-003**	**0.0000**	**0.1909**	**0.1909**	**0.0000**	**0.1909**	**0.1909**						

	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	N20	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	12/3/2018	12/28/2018	5	20	
2	Site Preparation	Site Preparation	12/29/2018	1/11/2019	5	10	
3	Grading	Grading	1/12/2019	2/8/2019	5	20	
4	Building Construction	Building Construction	2/9/2019	12/27/2019	5	230	
5	Paving	Paving	12/28/2019	1/24/2020	5	20	
6	Architectural Coating	Architectural Coating	1/25/2020	2/21/2020	5	20	

Acres of Grading (Site Preparation Phase): 10.5

Acres of Grading (Grading Phase): 10.5

Acres of Paving: 7.4

Residential Indoor: 150,000; Residential Outdoor: 50,000; Non-Residential Indoor: 276,570; Non-Residential Outdoor: 92,190; Striped Parking Area: 19,341 (Architectural Coating – sqft)

OffRoad Equipment

Westchester-Vetreans and Crenshaw-Imperial-Construction Only - South Coast Air Basin, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Demolition	Excavators	3	8.00	158	0.38
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Excavators	1	8.00	158	0.38
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Paving	Pavers	2	8.00	130	0.42
Paving	Rollers	2	8.00	80	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Paving	Paving Equipment	2	8.00	132	0.36
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Building Construction	Welders	1	8.00	46	0.45

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	6	15.00	0.00	513.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	497.00	128.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	99.00	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

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Demolition - 2018

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	lb/day										lb/day					
Fugitive Dust					5.5537	0.0000	5.5537	0.8409	0.0000	0.8409						
Off-Road	3.7190	38.3225	22.3040	0.0388		1.9386	1.9386		1.8048	1.8048						
Total	**3.7190**	**38.3225**	**22.3040**	**0.0388**	**5.5537**	**1.9386**	**7.4923**	**0.8409**	**1.8048**	**2.6457**						

3.2 Demolition - 2018

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	lb/day										lb/day					
Hauling	0.2332	8.0675	1.5628	0.0204	0.4480	0.0312	0.4792	0.1228	0.0299	0.1526						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0801	0.0578	0.7505	1.8400e-003	0.1677	1.3400e-003	0.1690	0.0445	1.2400e-003	0.0457						
Total	**0.3133**	**8.1252**	**2.3132**	**0.0223**	**0.6157**	**0.0326**	**0.6483**	**0.1672**	**0.0311**	**0.1983**						

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	lb/day										lb/day					
Fugitive Dust					1.3884	0.0000	1.3884	0.1261	0.0000	0.1261						
Off-Road	0.4623	2.0032	23.2798	0.0388		0.0616	0.0616		0.0616	0.0616						
Total	**0.4623**	**2.0032**	**23.2798**	**0.0388**	**1.3884**	**0.0616**	**1.4501**	**0.1261**	**0.0616**	**0.1878**						

3.2 Demolition - 2018

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	lb/day										lb/day					
Hauling	0.2332	8.0675	1.5628	0.0204	0.2785	0.0312	0.3097	0.0812	0.0299	0.1110						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0801	0.0578	0.7505	1.8400e-003	0.0948	1.3400e-003	0.0961	0.0266	1.2400e-003	0.0278						
Total	**0.3133**	**8.1252**	**2.3132**	**0.0223**	**0.3732**	**0.0326**	**0.4058**	**0.1077**	**0.0311**	**0.1388**						

3.3 Site Preparation - 2018

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	lb/day										lb/day					
Fugitive Dust					19.1798	0.0000	19.1798	10.0509	0.0000	10.0509						
Off-Road	4.5627	48.1988	22.4763	0.0380		2.5769	2.5769		2.3708	2.3708						
Total	**4.5627**	**48.1988**	**22.4763**	**0.0380**	**19.1798**	**2.5769**	**21.7567**	**10.0509**	**2.3708**	**12.4217**						

3.3 Site Preparation - 2018

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	lb/day										lb/day					
Hauling	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						
Worker	0.0962	0.0693	0.9006	2.2000e-003	0.2012	1.6100e-003	0.2028	0.0534	1.4900e-003	0.0549						
Total	**0.0962**	**0.0693**	**0.9006**	**2.2000e-003**	**0.2012**	**1.6100e-003**	**0.2028**	**0.0534**	**1.4900e-003**	**0.0549**						

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	lb/day										lb/day					
Fugitive Dust					4.7950	0.0000	4.7950	1.5076	0.0000	1.5076						
Off-Road	0.4656	2.0175	20.8690	0.0380		0.0621	0.0621		0.0621	0.0621						
Total	**0.4656**	**2.0175**	**20.8690**	**0.0380**	**4.7950**	**0.0621**	**4.8570**	**1.5076**	**0.0621**	**1.5697**						

3.3 Site Preparation - 2018

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	lb/day										lb/day					
Hauling	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						
Worker	0.0962	0.0693	0.9006	2.2000e-003	0.1137	1.6100e-003	0.1154	0.0319	1.4900e-003	0.0334						
Total	**0.0962**	**0.0693**	**0.9006**	**2.2000e-003**	**0.1137**	**1.6100e-003**	**0.1154**	**0.0319**	**1.4900e-003**	**0.0334**						

3.3 Site Preparation - 2019

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	lb/day										lb/day					
Fugitive Dust					19.1798	0.0000	19.1798	10.0509	0.0000	10.0509						
Off-Road	4.3350	45.5727	22.0630	0.0380		2.3904	2.3904		2.1991	2.1991						
Total	**4.3350**	**45.5727**	**22.0630**	**0.0380**	**19.1798**	**2.3904**	**21.5701**	**10.0509**	**2.1991**	**12.2501**						

3.3 Site Preparation - 2019

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	lb/day										lb/day					
Hauling	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						
Worker	0.0874	0.0612	0.8063	2.1300e-003	0.2012	1.5700e-003	0.2028	0.0534	1.4500e-003	0.0548						
Total	**0.0874**	**0.0612**	**0.8063**	**2.1300e-003**	**0.2012**	**1.5700e-003**	**0.2028**	**0.0534**	**1.4500e-003**	**0.0548**						

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	lb/day										lb/day					
Fugitive Dust					4.7950	0.0000	4.7950	1.5076	0.0000	1.5076						
Off-Road	0.4656	2.0175	20.8690	0.0380		0.0621	0.0621		0.0621	0.0621						
Total	**0.4656**	**2.0175**	**20.8690**	**0.0380**	**4.7950**	**0.0621**	**4.8570**	**1.5076**	**0.0621**	**1.5697**						

3.3 Site Preparation - 2019

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	lb/day										lb/day					
Hauling	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						
Worker	0.0874	0.0612	0.8063	2.1300e-003	0.1137	1.5700e-003	0.1153	0.0319	1.4500e-003	0.0333						
Total	**0.0874**	**0.0612**	**0.8063**	**2.1300e-003**	**0.1137**	**1.5700e-003**	**0.1153**	**0.0319**	**1.4500e-003**	**0.0333**						

3.4 Grading - 2019

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	lb/day										lb/day					
Fugitive Dust					6.5789	0.0000	6.5789	3.3703	0.0000	3.3703						
Off-Road	2.5805	28.3480	16.2934	0.0297		1.3974	1.3974		1.2856	1.2856						
Total	**2.5805**	**28.3480**	**16.2934**	**0.0297**	**6.5789**	**1.3974**	**7.9762**	**3.3703**	**1.2856**	**4.6559**						

3.4 Grading - 2019

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	lb/day										lb/day					
Hauling	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						
Worker	0.0728	0.0510	0.6719	1.7800e-003	0.1677	1.3100e-003	0.1690	0.0445	1.2100e-003	0.0457						
Total	**0.0728**	**0.0510**	**0.6719**	**1.7800e-003**	**0.1677**	**1.3100e-003**	**0.1690**	**0.0445**	**1.2100e-003**	**0.0457**						

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	lb/day										lb/day					
Fugitive Dust					1.6447	0.0000	1.6447	0.5056	0.0000	0.5056						
Off-Road	0.3632	1.5737	17.7527	0.0297		0.0484	0.0484		0.0484	0.0484						
Total	**0.3632**	**1.5737**	**17.7527**	**0.0297**	**1.6447**	**0.0484**	**1.6931**	**0.5056**	**0.0484**	**0.5540**						

3.4 Grading - 2019

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	lb/day										lb/day					
Hauling	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						
Worker	0.0728	0.0510	0.6719	1.7800e-003	0.0948	1.3100e-003	0.0961	0.0266	1.2100e-003	0.0278						
Total	**0.0728**	**0.0510**	**0.6719**	**1.7800e-003**	**0.0948**	**1.3100e-003**	**0.0961**	**0.0266**	**1.2100e-003**	**0.0278**						

3.5 Building Construction - 2019

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	lb/day										lb/day					
Off-Road	2.3612	21.0788	17.1638	0.0269		1.2899	1.2899		1.2127	1.2127						
Total	**2.3612**	**21.0788**	**17.1638**	**0.0269**		**1.2899**	**1.2899**		**1.2127**	**1.2127**						

3.5 Building Construction - 2019

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.4989	14.6934	3.6233	0.0329	0.8191	0.0974	0.9165	0.2358	0.0932	0.3290						
Worker	2.4129	1.6887	22.2622	0.0589	5.5553	0.0435	5.5988	1.4733	0.0401	1.5134						
Total	**2.9118**	**16.3820**	**25.8855**	**0.0918**	**6.3743**	**0.1409**	**6.5152**	**1.7091**	**0.1332**	**1.8423**						

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	lb/day										lb/day					
Off-Road	0.3278	2.2347	17.4603	0.0269		0.0408	0.0408		0.0408	0.0408						
Total	**0.3278**	**2.2347**	**17.4603**	**0.0269**		**0.0408**	**0.0408**		**0.0408**	**0.0408**						

3.5 Building Construction - 2019

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.4989	14.6934	3.6233	0.0329	0.5271	0.0974	0.6245	0.1641	0.0932	0.2573						
Worker	2.4129	1.6887	22.2622	0.0589	3.1405	0.0435	3.1840	0.8806	0.0401	0.9206						
Total	**2.9118**	**16.3820**	**25.8855**	**0.0918**	**3.6676**	**0.1409**	**3.8085**	**1.0447**	**0.1332**	**1.1779**						

3.6 Paving - 2019

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	lb/day										lb/day					
Off-Road	1.4544	15.2441	14.6648	0.0228		0.8246	0.8246		0.7586	0.7586						
Paving	0.9694					0.0000	0.0000		0.0000	0.0000						
Total	**2.4238**	**15.2441**	**14.6648**	**0.0228**		**0.8246**	**0.8246**		**0.7586**	**0.7586**						

3.6 Paving - 2019

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	lb/day										lb/day					
Hauling	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						
Worker	0.0728	0.0510	0.6719	1.7800e-003	0.1677	1.3100e-003	0.1690	0.0445	1.2100e-003	0.0457						
Total	**0.0728**	**0.0510**	**0.6719**	**1.7800e-003**	**0.1677**	**1.3100e-003**	**0.1690**	**0.0445**	**1.2100e-003**	**0.0457**						

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	lb/day										lb/day					
Off-Road	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374						
Paving	0.9694					0.0000	0.0000		0.0000	0.0000						
Total	**1.2499**	**1.2154**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**						

3.6 Paving - 2019

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	lb/day										lb/day					
Hauling	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						
Worker	0.0728	0.0510	0.6719	1.7800e-003	0.0948	1.3100e-003	0.0961	0.0266	1.2100e-003	0.0278						
Total	**0.0728**	**0.0510**	**0.6719**	**1.7800e-003**	**0.0948**	**1.3100e-003**	**0.0961**	**0.0266**	**1.2100e-003**	**0.0278**						

3.6 Paving - 2020

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	lb/day										lb/day					
Off-Road	1.3566	14.0656	14.6521	0.0228		0.7528	0.7528		0.6926	0.6926						
Paving	0.9694					0.0000	0.0000		0.0000	0.0000						
Total	**2.3260**	**14.0656**	**14.6521**	**0.0228**		**0.7528**	**0.7528**		**0.6926**	**0.6926**						

3.6 Paving - 2020

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	lb/day										lb/day					
Hauling	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						
Worker	0.0673	0.0455	0.6114	1.7200e-003	0.1677	1.2800e-003	0.1689	0.0445	1.1800e-003	0.0456						
Total	**0.0673**	**0.0455**	**0.6114**	**1.7200e-003**	**0.1677**	**1.2800e-003**	**0.1689**	**0.0445**	**1.1800e-003**	**0.0456**						

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	lb/day										lb/day					
Off-Road	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374						
Paving	0.9694					0.0000	0.0000		0.0000	0.0000						
Total	**1.2499**	**1.2154**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**						

3.6 Paving - 2020

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	lb/day										lb/day					
Hauling	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						
Worker	0.0673	0.0455	0.6114	1.7200e-003	0.0948	1.2800e-003	0.0961	0.0266	1.1800e-003	0.0278						
Total	**0.0673**	**0.0455**	**0.6114**	**1.7200e-003**	**0.0948**	**1.2800e-003**	**0.0961**	**0.0266**	**1.1800e-003**	**0.0278**						

3.7 Architectural Coating - 2020

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	lb/day										lb/day					
Archit. Coating	68.1462					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109						
Total	**68.3884**	**1.6838**	**1.8314**	**2.9700e-003**		**0.1109**	**0.1109**		**0.1109**	**0.1109**						

3.7 Architectural Coating - 2020

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	lb/day										lb/day					
Hauling	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						
Worker	0.4441	0.3002	4.0350	0.0114	1.1066	8.4400e-003	1.1150	0.2935	7.7800e-003	0.3013						
Total	**0.4441**	**0.3002**	**4.0350**	**0.0114**	**1.1066**	**8.4400e-003**	**1.1150**	**0.2935**	**7.7800e-003**	**0.3013**						

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	lb/day										lb/day					
Archit. Coating	68.1462					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003						
Total	**68.1759**	**0.1288**	**1.8324**	**2.9700e-003**		**3.9600e-003**	**3.9600e-003**		**3.9600e-003**	**3.9600e-003**						

3.7 Architectural Coating - 2020

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	lb/day										lb/day					
Hauling	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						
Worker	0.4441	0.3002	4.0350	0.0114	0.6256	8.4400e-003	0.6340	0.1754	7.7800e-003	0.1832						
Total	**0.4441**	**0.3002**	**4.0350**	**0.0114**	**0.6256**	**8.4400e-003**	**0.6340**	**0.1754**	**7.7800e-003**	**0.1832**						

4.0 Operational Detail - Mobile

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	lb/day										lb/day					
Mitigated	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						

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	0.00	0.00	0.00		
User Defined Residential	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	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
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
User Defined Residential	0.00	0.00	0.00	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
User Defined Residential	0.548893	0.044275	0.199565	0.124385	0.017503	0.005874	0.020174	0.028962	0.001990	0.002015	0.004673	0.000702	0.000989
General Office Building	0.548893	0.044275	0.199565	0.124385	0.017503	0.005874	0.020174	0.028962	0.001990	0.002015	0.004673	0.000702	0.000989
Parking Lot	0.548893	0.044275	0.199565	0.124385	0.017503	0.005874	0.020174	0.028962	0.001990	0.002015	0.004673	0.000702	0.000989

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	lb/day										lb/day					
NaturalGas Mitigated	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						

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	lb/day										lb/day					
General Office Building	0	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						
User Defined Residential	0	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**						

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	lb/day										lb/day					
General Office Building	0	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						
User Defined Residential	0	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**						

6.0 Area Detail

6.1 Mitigation Measures Area

	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	lb/day										lb/day					
Mitigated	4.8326	0.4035	34.8412	1.8300e-003		0.1909	0.1909		0.1909	0.1909						
Unmitigated	4.8326	0.4035	34.8412	1.8300e-003		0.1909	0.1909		0.1909	0.1909						

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	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000						
Consumer Products	3.7649					0.0000	0.0000		0.0000	0.0000						
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
Landscaping	1.0677	0.4035	34.8412	1.8300e-003		0.1909	0.1909		0.1909	0.1909						
Total	**4.8326**	**0.4035**	**34.8412**	**1.8300e-003**		**0.1909**	**0.1909**		**0.1909**	**0.1909**						

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	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000						
Consumer Products	3.7649					0.0000	0.0000		0.0000	0.0000						
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
Landscaping	1.0677	0.4035	34.8412	1.8300e-003		0.1909	0.1909		0.1909	0.1909						
Total	**4.8326**	**0.4035**	**34.8412**	**1.8300e-003**		**0.1909**	**0.1909**		**0.1909**	**0.1909**						

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

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

11.0 Vegetation

Appendix D
Noise & Vibration Modeling Results

Existing

Roadway Segments	ADT	Vehicle Distribution			Autos													Medium Trucks												Heavy Trucks												Total Noise Levels			
		Autos	Medium	Heavy	Volumes			Speeds		Noise Levels								Volumes				Speeds		Noise level										Speeds		Noise level											
	Total				Day	Evening	Night	Speed (mph)	Speed (kph)	Reference Energy Mean	Traffic flow adjustment	Total Leq Day	Reference Energy Mean	Traffic flow adjustment	Total Leq Evening	Reference Energy Mean	Traffic flow adjustment	Total Leq Night	Day	Evening	Night	Speed (mph)	Speed (kph)	Reference Energy Evening	Traffic flow adjustment	Total Leq Day	Reference Energy Evening	Traffic flow adjustment	Total Leq Evening	Reference Energy Evening	Traffic flow adjustment	Total Leq Night	Day	Evening	Night	Speed (mph)	Speed (kph)	Reference Energy Evening	Traffic flow adjustment	Total Leq Day	Reference Energy Evening	Traffic flow adjustment	Total Leq Evening	Reference Energy Evening	Traffic flow adjustment	Total Leq Night	Total Day	Total evening	Total Night
Market St between Florence Ave and Regent St	12,583	12,354	157	73	721	618	206	40	64	67.4	-2.78	64.6	67.4	-3.45	63.9	67.4	-8.2	59.1	9.13	7.83	2.61	40	64	76.31	-21.73	54.59	76.31	-22.39	53.92	76.31	-27.17	49.15	4.2	3.6	1.2	40.0	64.4	81.2	-25.1	56.1	81.2	-25.8	55.4	81.2	-30.5	50.6	65.5	64.8	60.1
Florence Ave between Ash Ave and Oak st	29,836	28,340	908	589	1653	1417	472	40	64	67.4	0.82	68.2	67.4	0.15	67.5	67.4	-4.6	62.7	52.95	45.39	15.13	40	64	76.31	-14.09	62.22	76.31	-14.76	61.55	76.31	-19.53	56.78	34.3	29.4	9.8	40.0	64.4	82.7	-16.0	66.7	82.7	-16.7	66.0	82.7	-21.4	61.2	71.1	70.4	65.7
La Cienega between Florence and Manchester	47,163	45,350	1,065	748	2645	2268	756	40	64	67.4	2.87	70.2	67.4	2.20	69.6	67.4	-2.6	64.8	62.12	53.24	17.75	40	64	76.31	-13.40	62.91	76.31	-14.07	62.24	76.31	-18.84	57.47	43.6	37.4	12.5	40.0	64.4	81.2	-15.0	66.2	81.2	-15.6	65.5	81.2	-20.4	60.8	72.2	71.5	66.8
Florence Ave between Hindry Ave and Glassgow Ave	42,282	40,638	1,011	633	2371	2032	677	40	64	67.4	2.39	69.7	67.4	1.72	69.1	67.4	-3.1	64.3	58.98	50.55	16.85	40	64	76.31	-13.62	62.69	76.31	-14.29	62.02	76.31	-19.07	57.25	36.9	31.6	10.5	40.0	64.4	82.7	-15.7	67.0	82.7	-16.4	66.3	82.7	-21.1	61.5	72.1	71.4	66.7
Market St between Queen St and Manchester St	16,949	16,715	159	75	975	836	279	40	64	67.4	-1.47	65.9	67.4	-2.14	65.2	67.4	-6.9	60.5	9.25	7.93	2.64	40	64	76.31	-21.67	54.64	76.31	-22.34	53.97	76.31	-27.11	49.20	4.4	3.8	1.3	40.0	64.4	81.2	-24.9	56.2	81.2	-25.6	55.6	81.2	-30.4	50.8	66.6	66.0	61.2
Manchester Blvd between Hindry Ave and Glassgow Ave	10,966	10,699	181	86	624	535	178	40	64	67.4	-3.41	64.0	67.4	-4.08	63.3	67.4	-8.8	58.5	10.58	9.07	3.02	40	64	76.31	-21.09	55.23	76.31	-21.76	54.56	76.31	-26.53	49.79	5.0	4.3	1.4	40.0	64.4	82.7	-24.4	58.3	82.7	-25.0	57.6	82.7	-29.8	52.9	65.4	64.8	60.0
Manchester between Blvd Ash Ave and Oak st	38,151	37,429	446	275	2183	1871	624	40	64	67.4	2.03	69.4	67.4	1.36	68.7	67.4	-3.4	64.0	26.04	22.32	7.44	40	64	76.31	-17.17	59.14	76.31	-17.84	58.47	76.31	-22.62	53.70	16.0	13.8	4.6	40.0	64.4	81.2	-19.3	61.9	81.2	-20.0	61.2	81.2	-24.7	56.4	70.4	69.8	65.0
Aviation beween Manchester and Arbor Vitae	29,488	28,908	389	191	1686	1445	482	40	64	67.4	0.91	68.3	67.4	0.24	67.6	67.4	-4.5	62.8	22.68	19.44	6.48	40	64	76.31	-17.78	58.54	76.31	-18.45	57.87	76.31	-23.22	53.10	11.1	9.5	3.2	40.0	64.4	82.7	-20.9	61.8	82.7	-21.6	61.1	82.7	-26.3	56.3	69.5	68.8	64.1
Arbor Vitae St between Isis Ave and Hindry Pl	18,008	16,806	657	545	980	840	280	40	64	67.4	-1.45	65.9	67.4	-2.12	65.2	67.4	-6.9	60.5	38.32	32.85	10.95	40	64	76.31	-15.50	60.82	76.31	-16.17	60.15	76.31	-20.94	55.38	31.8	27.3	9.1	40.0	64.4	81.2	-16.3	64.8	81.2	-17.0	64.2	81.2	-21.8	59.4	69.1	68.4	63.7
Century Blvd between Prairie Ave and Doty Ave	46,789	46,123	475	191	2691	2306	769	40	64	67.4	2.94	70.3	67.4	2.27	69.6	67.4	-2.5	64.9	27.70	23.74	7.91	40	64	76.31	-16.91	59.41	76.31	-17.58	58.74	76.31	-22.35	53.97	11.1	9.6	3.2	40.0	64.4	82.7	-20.9	61.8	82.7	-21.6	61.1	82.7	-26.3	56.3	71.2	70.5	65.7
Century Blvd between Doty Ave and Yukon Ave	46,367	45,706	472	190	2666	2285	762	40	64	67.4	2.90	70.3	67.4	2.23	69.6	67.4	-2.5	64.8	27.53	23.59	7.86	40	64	76.31	-16.93	59.38	76.31	-17.60	58.71	76.31	-22.37	53.94	11.1	9.5	3.2	40.0	64.4	81.2	-20.9	60.2	81.2	-21.6	59.6	81.2	-26.4	54.8	71.0	70.3	65.5
104th St between Prairie Ave and Doty Ave	685	678	4	3	40	34	11	40	64	67.4	-15.39	52.0	67.4	-16.06	51.3	67.4	-20.8	46.5	0.24	0.20	0.07	40	64	76.31	-37.58	38.73	76.31	-38.25	38.06	76.31	-43.02	33.29	0.2	0.1	0.0	40.0	64.4	82.7	-39.3	43.4	82.7	-40.0	42.7	82.7	-44.7	37.9	52.7	52.0	47.3
104th St between Doty Ave and Yukon Ave	610	603	4	3	35	30	10	40	64	67.4	-15.89	51.5	67.4	-16.56	50.8	67.4	-21.3	46.0	0.22	0.19	0.06	40	64	76.31	-37.86	38.45	76.31	-38.53	37.78	76.31	-43.30	33.01	0.2	0.1	0.0	40.0	64.4	81.2	-39.4	41.7	81.2	-40.1	41.1	81.2	-44.9	36.3	52.1	51.4	46.7
Crenshaw Blvd between Imperial Hwy and 113 th St	55,818	54,963	533	322	3206	2748	916	40	64	67.4	3.70	71.1	67.4	3.03	70.4	67.4	-1.7	65.6	31.08	26.64	8.88	40	64	76.31	-16.41	59.91	76.31	-17.08	59.24	76.31	-21.85	54.47	18.8	16.1	5.4	40.0	64.4	82.7	-18.6	64.0	82.7	-19.3	63.4	82.7	-24.1	58.6	72.1	71.4	66.7
Imperial Hwy between Cherry and Dehn	30,683	29,905	464	313	1744	1495	498	40	64	67.4	1.06	68.4	67.4	0.39	67.7	67.4	-4.4	63.0	27.06	23.19	7.73	40	64	76.31	-17.01	59.30	76.31	-17.68	58.63	76.31	-22.45	53.86	18.3	15.7	5.2	40.0	64.4	81.2	-18.7	62.4	81.2	-19.4	61.8	81.2	-24.2	57.0	69.8	69.1	64.4
Imperial Hwy between Casimir and Van Ness	46,208	45,654	375	178	2663	2283	761	40	64	67.4	2.89	70.3	67.4	2.23	69.6	67.4	-2.5	64.8	21.90	18.77	6.26	40	64	76.31	-17.93	58.39	76.31	-18.60	57.72	76.31	-23.37	52.95	10.4	8.9	3.0	40.0	64.4	82.7	-21.2	61.5	82.7	-21.9	60.8	82.7	-26.6	56.0	71.0	70.4	65.8
Crenshaw Blvd between I-105 and 116th St	40,517	39,519	537	460	2305	1976	659	40	64	67.4	2.27	69.6	67.4	1.60	69.0	67.4	-3.2	64.2	31.34	26.86	8.95	40	64	76.31	-16.37	59.94	76.31	-17.04	59.27	76.31	-21.81	54.50	26.8	23.0	7.7	40.0	64.4	81.2	-17.1	64.1	81.2	-17.7	63.4	81.2	-22.5	58.6	71.0	70.4	65.8

Existing Plus Project

Roadway Segments	ADT	Vehicle Distribution			Autos			Speeds		Noise Levels				Medium Trucks				Speeds		Noise level				Heavy Trucks				Speeds		Noise level				Total Noise Levels		
		Autos	Medium	Heavy	Volumes									Volumes										Volumes												
	Total				Day	Evening	Night	Speed (mph)	Speed (kph)	Reference Energy Mean	Traffic flow adjustment	Total Leq Day	Reference Energy Mean	Traffic flow adjustment	Total Leq Evening	Reference Energy Mean	Traffic flow adjustment	Total Leq Night	Day	Evening	Night	Speed (mph)	Speed (kph)	Reference Energy Evening	Traffic flow adjustment	Total Leq Day	Reference Energy Evening	Traffic flow adjustment	Total Leq Evening	Reference Energy Evening	Traffic flow adjustment	Total Leq Night	Day	Evening	Night	Speed (mph)	Speed (kph)	Reference Energy Evening	Traffic flow adjustment	Total Leq Day	Reference Energy Evening	Traffic flow adjustment	Total Leq Evening	Reference Energy Evening	Traffic flow adjustment	Total Leq Night	Total Day	Total evening	Total Night
Market St between Florence Ave and Regent St	12,359	12,090	180	89	705	605	202	40	64	67.4	-2.88	64.5	67.4	-3.55	63.8	67.4	-8.3	59.1	10.50	9.00	3.00	40	64	76.31	-21.12	55.19	76.31	-21.79	54.52	76.31	-26.56	49.75	5.2	4.4	1.5	40.0	64.4	81.2	-24.2	56.9	81.2	-24.9	56.2	81.2	-29.7	51.5	63.6	64.0	60.0
Florence Ave between Ash Ave and Oak st	30,530	28,841	1,022	667	1682	1442	481	40	64	67.4	0.99	68.3	67.4	0.23	67.6	67.4	-4.5	62.9	59.62	51.10	17.03	40	64	76.31	-13.98	62.73	76.31	-14.25	62.07	76.31	-19.02	57.29	38.9	33.3	11.1	40.0	64.4	82.7	-15.5	67.2	82.7	-16.1	66.5	82.7	-20.0	62.7	73.4	70.7	66.5
La Cienega between Florence and Manchester	50,209	47,600	1,513	1,096	2777	2380	793	40	64	67.4	3.08	70.4	67.4	2.41	69.8	67.4	-2.4	65.1	88.25	75.64	25.21	40	64	76.31	-11.87	64.44	76.31	-12.54	63.77	76.31	-17.32	59.00	63.9	54.8	18.3	40.0	64.4	81.2	-13.3	67.9	81.2	-14.0	67.2	81.2	-18.7	62.4	73.0	72.3	67.9
Florence Ave between Hindry Ave and Glasgow Ave	41,748	40,079	1,036	632	2338	2004	668	40	64	67.4	2.33	69.7	67.4	1.66	69.0	67.4	-3.1	64.2	60.43	51.79	17.26	40	64	76.31	-13.52	62.79	76.31	-14.19	62.12	76.31	-18.96	57.35	36.9	31.6	10.5	40.0	64.4	82.7	-15.7	67.0	82.7	-16.4	66.3	82.7	-21.1	61.5	72.1	71.4	66.3
Market St between Queen St and Manchester St	17,002	16,743	174	85	977	837	279	40	64	67.4	-1.46	65.9	67.4	-2.13	65.2	67.4	-6.9	60.5	10.14	8.69	2.90	40	64	76.31	-21.27	55.04	76.31	-21.94	54.37	76.31	-26.71	49.60	4.9	4.2	1.4	40.0	64.4	81.2	-24.4	56.7	81.2	-25.1	56.1	81.2	-29.8	51.4	66.7	66.0	61.4
Manchester Blvd between Hindry Ave and Glasgow Ave	10,653	10,417	162	74	608	521	174	40	64	67.4	-3.52	63.8	67.4	-4.19	63.2	67.4	-9.0	58.4	9.47	8.12	2.71	40	64	76.31	-21.57	54.74	76.31	-22.24	54.07	76.31	-27.01	49.30	4.3	3.7	1.2	40.0	64.4	82.7	-25.0	57.6	82.7	-25.7	57.0	82.7	-30.5	52.1	65.2	64.5	59.7
Manchester between Blvd Ash Ave and Oak st	38,622	37,862	470	289	2209	1893	631	40	64	67.4	2.08	69.4	67.4	1.41	68.8	67.4	-3.4	64.0	27.40	23.49	7.83	40	64	76.31	-16.95	59.36	76.31	-17.62	58.69	76.31	-22.39	53.92	16.9	14.5	4.8	40.0	64.4	81.2	-19.1	62.1	81.2	-19.8	61.4	81.2	-24.5	56.8	70.5	69.8	65.1
Aviation beween Manchester and Arbor Vitae	29,934	29,323	411	200	1710	1466	489	40	64	67.4	0.97	68.3	67.4	0.30	67.7	67.4	-4.5	62.9	23.97	20.55	6.85	40	64	76.31	-17.53	58.78	76.31	-18.20	58.11	76.31	-22.98	53.34	13.7	10.0	3.3	40.0	64.4	82.7	-20.7	62.0	82.7	-21.4	61.3	82.7	-26.1	56.6	69.8	68.9	64.2
Arbor Vitae St between Isis Ave and Hindry Pl	18,791	17,689	607	495	1032	884	295	40	64	67.4	-1.22	66.1	67.4	-1.89	65.5	67.4	-6.7	60.7	15.40	10.34	10.11	40	64	76.31	-15.84	60.47	76.31	-16.51	59.80	76.31	-21.28	55.03	28.9	24.7	8.2	40.0	64.4	81.2	-16.8	64.4	81.2	-17.4	63.7	81.2	-22.2	59.0	69.0	68.4	63.7
Century Blvd between Prairie Ave and Doty Ave	47,322	46,623	500	199	2720	2331	777	40	64	67.4	2.99	70.3	67.4	2.32	69.7	67.4	-2.5	64.9	29.17	25.00	8.33	40	64	76.31	-16.68	59.63	76.31	-17.35	58.96	76.31	-22.12	54.19	11.6	10.0	3.3	40.0	64.4	82.7	-20.7	62.0	82.7	-21.4	61.3	82.7	-26.1	56.5	71.2	70.6	65.8
Century Blvd between Doty Ave and Yukon Ave	46,803	46,109	497	198	2690	2305	768	40	64	67.4	2.94	70.3	67.4	2.27	69.6	67.4	-2.5	64.9	28.97	24.83	8.28	40	64	76.31	-16.71	59.60	76.31	-17.38	58.93	76.31	-22.15	54.16	11.5	9.9	3.3	40.0	64.4	81.2	-20.7	60.4	81.2	-21.4	59.8	81.2	-26.2	55.9	71.0	70.4	65.6
104th St between Prairie Ave and Doty Ave	803	796	4	3	46	40	13	40	64	67.4	-14.69	52.7	67.4	-15.36	52.0	67.4	-20.1	47.3	0.25	0.22	0.07	40	64	76.31	-37.27	39.04	76.31	-37.94	38.37	76.31	-42.71	33.60	0.2	0.1	0.0	40.0	64.4	82.7	-39.3	43.3	82.7	-40.0	42.7	82.7	-44.8	37.9	53.3	52.6	47.9
104th St between Doty Ave and Yukon Ave	788	781	4	3	46	39	13	40	64	67.4	-14.78	52.6	67.4	-15.45	51.9	67.4	-20.2	47.1	0.25	0.22	0.07	40	64	76.31	-37.31	39.00	76.31	-37.98	38.33	76.31	-42.75	33.56	0.2	0.1	0.0	40.0	64.4	81.2	-39.4	41.8	81.2	-40.0	41.1	81.2	-44.8	36.3	53.1	52.4	47.7
Crenshaw Blvd between Imperial Hwy and 113 th St	56,051	55,198	534	319	3220	2760	920	40	64	67.4	3.72	71.1	67.4	3.05	70.4	67.4	-1.7	65.7	31.14	26.69	8.90	40	64	76.31	-16.40	59.91	76.31	-17.07	59.24	76.31	-21.84	54.47	18.6	16.0	5.3	40.0	64.4	82.7	-18.7	64.0	82.7	-19.3	63.3	82.7	-24.1	58.5	72.1	71.5	66.7
Imperial Hwy between Cherry and Dahn	30,585	29,793	475	317	1738	1490	497	40	64	67.4	1.04	68.4	67.4	0.37	67.7	67.4	-4.4	63.0	27.69	23.74	7.91	40	64	76.31	-16.91	59.40	76.31	-17.58	58.74	76.31	-22.35	53.97	18.5	15.8	5.3	40.0	64.4	81.2	-18.7	62.5	81.2	-19.4	61.8	81.2	-24.3	57.0	69.8	69.1	64.4
Imperial Hwy between Casimir and Van Ness	46,775	46,187	399	188	2694	2309	770	40	64	67.4	2.94	70.3	67.4	2.28	69.6	67.4	-2.5	64.9	23.29	19.96	6.65	40	64	76.31	-17.66	58.65	76.31	-18.31	57.99	76.31	-23.10	53.21	11.0	9.4	3.1	40.0	64.4	82.7	-20.9	61.7	82.7	-21.6	61.0	82.7	-26.4	56.3	71.1	70.5	65.7
Crenshaw Blvd between I-105 and 116th St	40,415	39,428	531	456	2300	1971	657	45	64	67.4	2.26	69.6	67.4	1.59	68.9	67.4	-3.2	64.3	30.95	26.53	8.84	40	64	76.31	-16.42	59.89	76.31	-17.09	59.22	76.31	-21.87	54.46	26.6	22.8	7.6	45.0	64.4	81.2	-17.1	64.1	81.2	-17.8	63.4	81.2	-22.5	58.8	71.0	70.4	65.7

Future No Project-2035

Roadway Segments	ADT	Vehicle Distribution			Autos Volumes			Speeds		Noise Levels					Medium Trucks Volumes				Speeds		Noise level					Heavy Trucks Volumes			Speeds		Noise level					Total Noise Levels		
	Total	Autos	Medium	Heavy	Day	Evening	Night	Speed (mph)	Speed (kph)	Reference Energy Mean	Traffic flow adjustment	Total Leq Day	Reference Energy Mean	Traffic flow adjustment	Total Leq Evening	Reference Energy Mean	Traffic flow adjustment	Total Leq Night	Day	Evening	Night	Speed (mph)	Speed (kph)	Reference Energy Evening	Traffic flow adjustment	Total Leq Day	Reference Energy Evening	Traffic flow adjustment	Total Leq Evening	Reference Energy Evening	Traffic flow adjustment	Total Leq Night	Day	Evening	Night	Speed (mph)	Speed (kph)	Reference Energy Evening	Traffic flow adjustment	Total Leq Day	Reference Energy Evening	Traffic flow adjustment	Total Leq Evening	Reference Energy Evening	Traffic flow adjustment	Total Leq Night	Total Day	Total evening	Total Night
Market St between Florence Ave and Regent St	12,696	12,442	169	88	726	622	207	40	64	67.4	-2.75	64.6	67.4	-3.42	63.9	67.4	8.2	75.7	9.87	8.46	2.82	40	64	76.31	-21.99	54.32	76.31	-22.06	54.26	76.31	-26.83	49.47	5.1	4.4	1.3	40	64	81.2	-24.1	56.9	81.2	-24.9	56.2	81.2	-29.7	51.5	65.7	65.0	59.2
Florence Ave between Ash Ave and Oak st	37,402	36,318	663	422	2119	1816	605	40	64	67.4	1.95	69.3	67.4	1.23	68.6	67.4	-3.5	63.8	38.65	33.13	11.04	40	64	76.31	-15.46	60.85	76.31	-16.13	60.18	76.31	-20.90	55.41	24.6	21.1	7.0	40	64	82.7	-17.4	65.2	82.7	-18.1	64.5	82.7	-22.9	59.8	72.1	70.5	65.8
La Cienega between Florence and Manchester	45,953	43,806	1,214	933	2555	2190	730	40	64	67.4	2.72	70.1	67.4	2.05	69.4	67.4	-2.7	64.6	70.83	60.71	20.24	40	64	76.31	-12.83	63.48	76.31	-13.50	62.81	76.31	-18.27	58.04	54.4	46.6	15.5	40	64	81.2	-14.0	67.2	81.2	-14.7	66.5	81.2	-19.4	61.7	72.5	71.8	67.0
Florence Ave between Hindry Ave and Glasgow Ave	43,803	42,897	570	335	2502	2145	715	40	64	67.4	2.62	70.0	67.4	1.95	69.3	67.4	-2.8	64.5	33.27	28.52	9.51	40	64	76.31	-16.11	60.20	76.31	-16.78	59.53	76.31	-21.55	54.76	19.6	16.8	5.6	40	64	82.7	-18.4	64.2	82.7	-19.1	63.5	82.7	-23.9	58.8	71.4	70.7	65.9
Market St between Queen St and Manchester St	22,941	22,227	390	324	1297	1111	370	40	64	67.4	-0.21	67.1	67.4	-0.90	66.5	67.4	-5.7	61.7	22.75	19.50	6.50	40	64	76.31	-17.76	58.55	76.31	-18.43	57.88	76.31	-23.20	53.11	18.9	16.2	5.4	40	64	81.2	-18.6	62.6	81.2	-19.3	61.9	81.2	-24.0	57.1	68.9	68.2	63.4
Manchester Blvd between Hindry Ave and Glasgow Ave	12,760	12,325	280	155	719	616	205	40	64	67.4	-2.79	64.6	67.4	-3.46	63.9	67.4	-8.2	59.1	16.31	13.98	4.66	40	64	76.31	-19.21	57.11	76.31	-19.88	56.44	76.31	-24.65	51.67	9.1	7.8	2.6	40	64	82.7	-21.8	60.9	82.7	-22.5	60.2	82.7	-27.2	55.4	66.6	66.0	61.2
Manchester between Blvd Ash Ave and Oak st	38,276	37,686	359	232	2198	1884	628	40	64	67.4	2.06	69.4	67.4	1.39	68.8	67.4	-3.4	64.0	20.94	17.95	5.98	40	64	76.31	-18.12	58.19	76.31	-18.79	57.52	76.31	-23.56	52.75	13.5	11.6	3.9	40	64	81.2	-20.1	61.1	81.2	-20.7	60.4	81.2	-25.5	55.7	70.1	69.4	64.7
Aviation beween Manchester and Arbor Vitae	34,337	33,675	461	201	1964	1684	561	40	64	67.4	1.57	68.9	67.4	0.90	68.3	67.4	-3.9	63.5	26.88	23.04	7.68	40	64	76.31	-17.04	59.28	76.31	-17.71	58.61	76.31	-22.48	53.83	11.7	10.0	3.3	40	64	82.7	-20.7	62.0	82.7	-21.3	61.3	82.7	-26.1	56.5	70.1	69.4	64.6
Arbor Vitae St between Isis Ave and Hindry Pl	47,226	46,686	360	181	2723	2334	778	40	64	67.4	2.99	70.4	67.4	2.32	69.7	67.4	-2.4	64.9	21.01	18.01	6.00	40	64	76.31	-18.11	58.21	76.31	-18.78	57.54	76.31	-23.55	52.77	10.5	9.0	3.0	40	64	81.2	-21.1	60.0	81.2	-21.8	59.4	81.2	-26.6	54.6	71.0	70.3	65.5
Century Blvd between Prairie Ave and Doty Ave	50,572	49,827	509	236	2907	2491	830	40	64	67.4	3.27	70.6	67.4	2.60	70.0	67.4	-2.2	65.2	29.71	25.46	8.49	40	64	76.31	-16.60	59.71	76.31	-17.27	59.04	76.31	-22.04	54.27	13.8	11.8	3.9	40	64	82.7	-20.0	62.7	82.7	-20.6	62.0	82.7	-25.4	57.2	71.6	70.9	66.1
Century Blvd between Doty Ave and Yukon Ave	50,981	50,232	512	237	2930	2512	837	40	64	67.4	3.31	70.7	67.4	2.64	70.0	67.4	-2.1	65.2	29.86	25.60	8.53	40	64	76.31	-16.58	59.73	76.31	-17.25	59.06	76.31	-22.02	54.29	13.8	11.8	3.9	40	64	82.7	-20.0	62.7	82.7	-20.6	60.5	82.7	-25.4	55.3	71.4	70.8	66.0
104th St between Prairie Ave and Doty Ave	1,662	1,646	10	6	96	82	27	40	64	67.4	-11.53	55.8	67.4	-12.20	55.2	67.4	-17.0	50.4	0.56	0.48	0.16	40	64	76.31	-33.80	42.42	76.31	-34.56	41.76	76.31	-39.33	36.98	0.4	0.3	0.1	40	64	82.7	-35.7	46.9	82.7	-36.4	46.2	82.7	-41.2	41.5	56.5	55.9	51.2
104th St between Doty Ave and Yukon Ave	1,040	1,030	5	5	60	52	17	40	64	67.4	-13.57	53.8	67.4	-14.24	53.1	67.4	-19.0	48.3	0.31	0.27	0.09	40	64	76.31	-36.35	39.96	76.31	-37.02	39.29	76.31	-41.79	34.52	0.3	0.2	0.1	40	64	81.2	-37.9	44.1	81.2	-37.7	43.5	81.2	-42.5	38.7	54.4	53.7	49.0
Crenshaw Blvd between Imperial Hwy and 113 th St	59,906	58,954	551	401	3439	2948	983	40	64	67.4	4.05	71.4	67.4	3.34	70.7	67.4	-1.4	66.0	32.11	27.53	9.18	40	64	76.31	-16.26	60.05	76.31	-16.93	59.38	76.31	-21.71	54.61	23.4	20.0	6.7	40	64	82.7	-17.7	65.0	82.7	-18.3	64.3	82.7	-23.1	59.5	72.5	71.8	67.1
Imperial Hwy between Cherry and Delos	28,709	27,890	461	358	1627	1394	465	40	64	67.4	0.75	68.1	67.4	0.08	67.4	67.4	-4.7	62.7	26.91	23.07	7.69	40	64	76.31	-17.03	59.28	76.31	-17.70	58.61	76.31	-22.47	53.84	20.9	17.9	6.0	40	64	81.2	-18.2	63.0	81.2	-18.8	62.3	81.2	-23.6	57.6	69.7	69.0	64.3
Imperial Hwy between Casmir and Van Ness	44,275	43,792	324	159	2555	2190	730	40	64	67.4	2.71	70.1	67.4	2.04	69.4	67.4	-2.7	64.6	18.87	16.18	5.39	40	64	76.31	-18.57	57.74	76.31	-19.24	57.07	76.31	-24.01	52.30	9.3	8.0	2.7	40	64	82.7	-21.7	61.0	82.7	-22.4	60.3	82.7	-27.1	55.5	70.8	70.1	65.3
Crenshaw Blvd between I-105 and 116th St	45,738	44,501	605	632	2596	2225	742	40	64	67.4	2.78	70.1	67.4	2.11	69.5	67.4	-2.7	64.7	35.27	30.23	10.08	40	64	76.31	-15.86	60.45	76.31	-16.53	59.79	76.31	-21.30	55.01	36.9	31.6	10.5	40	64	81.2	-15.7	65.5	81.2	-16.4	64.8	81.2	-21.1	60.0	71.8	71.1	66.3

Future with Project 2035

Roadway Segments	ADT	Vehicle Distribution			Autos														Medium Trucks												Heavy Trucks												Total Noise Levels		
		Autos	Medium	Heavy	Volumes			Speeds		Noise Levels									Volumes			Speeds		Noise level								Volumes			Speeds		Noise level									
	Total				Day	Evening	Night	Speed (mph)	Speed (kph)	Reference Energy Mean	Traffic flow adjustment	Total Leq Day	Reference Energy Mean	Traffic flow adjustment	Total Leq Evening	Reference Energy Mean	Traffic flow adjustment	Total Leq Night	Day	Evening	Night	Speed (mph)	Speed (kph)	Reference Energy Evening	Traffic flow adjustment	Total Leq Day	Reference Energy Evening	Traffic flow adjustment	Total Leq Evening	Reference Energy Evening	Traffic flow adjustment	Total Leq Night	Day	Evening	Night	Speed (mph)	Speed (kph)	Reference Energy Evening	Traffic flow adjustment	Total Leq Day	Reference Energy Evening	Traffic flow adjustment	Total Leq Evening	Reference Energy Evening	Traffic flow adjustment	Total Leq Night	Total Day	Total evening	Total Night
Market St between Florence Ave and Regent St	12,479	12,191	194	94	711	610	203	40	64	67.4	-2.84	64.5	67.4	-3.51	63.9	67.4	-8.3	59.1	11.33	9.71	3.24	40	64	76.31	-20.79	55.52	76.31	-21.46	54.85	76.31	-26.23	50.08	5.5	4.7	1.6	40.0	64.4	81.2	-24.0	57.2	81.2	-24.6	56.5	81.2	-29.4	51.7	65.7	65.0	60.3
Florence Ave between Ash Ave and Oak st	38,242	36,942	789	511	2155	1847	616	40	64	67.4	1.97	69.3	67.4	1.31	68.7	67.4	-3.5	63.9	46.03	39.46	13.15	40	64	76.31	-14.70	61.61	76.31	-15.37	60.94	76.31	-20.14	56.17	29.8	25.6	8.5	40.0	64.4	82.7	-16.6	66.0	82.7	-17.3	65.4	82.7	-22.1	60.5	71.5	70.8	66.0
La Cienega between Florence and Manchester	48,501	45,816	1,476	1,209	2673	2291	764	40	64	67.4	2.91	70.3	67.4	2.24	69.6	67.4	-2.5	64.8	86.13	73.82	24.61	40	64	76.31	-11.98	64.33	76.31	-12.65	63.66	76.31	-17.42	58.89	70.5	60.5	20.2	40.0	64.4	81.2	-12.9	68.3	81.2	-13.5	67.6	81.2	-18.3	62.8	73.0	72.4	67.6
Florence Ave between Hindry Ave and Glassgow Ave	43,220	42,277	616	327	2466	2114	705	40	64	67.4	2.56	69.9	67.4	1.89	69.3	67.4	-2.9	64.5	35.92	30.79	10.26	40	64	76.31	-15.78	60.53	76.31	-16.45	59.86	76.31	-21.22	55.09	19.1	16.4	5.5	40.0	64.4	82.7	-18.6	64.1	82.7	-19.2	63.4	82.7	-24.0	58.7	71.3	70.6	65.9
Market St between Queen St and Manchester St	23,305	22,629	371	306	1320	1131	377	40	64	67.4	-0.15	67.2	67.4	-0.82	66.5	67.4	-5.6	61.8	21.62	18.53	6.18	40	64	76.31	-17.98	58.33	76.31	-18.65	57.66	76.31	-23.42	52.89	17.8	15.3	5.1	40.0	64.4	81.2	-18.8	62.3	81.2	-19.5	61.6	81.2	-24.3	56.9	68.8	68.2	63.4
Manchester Blvd between Hindry Ave and Glassgow Ave	11,619	11,367	160	92	663	568	189	40	64	67.4	-3.14	64.2	67.4	-3.81	63.5	67.4	-8.6	58.8	9.32	7.99	2.66	40	64	76.31	-21.64	54.67	76.31	-22.31	54.01	76.31	-27.08	49.23	5.4	4.6	1.5	40.0	64.4	82.7	-24.1	58.6	82.7	-24.7	57.9	82.7	-29.5	53.1	65.6	65.0	60.2
Manchester between Blvd Ash Ave and Oak st	38,609	37,970	390	249	2215	1899	633	40	64	67.4	2.09	69.5	67.4	1.42	68.8	67.4	-3.3	64.0	22.74	19.49	6.50	40	64	76.31	-17.76	58.55	76.31	-18.43	57.88	76.31	-23.21	53.11	14.5	12.5	4.2	40.0	64.4	81.2	-19.7	61.4	81.2	-20.4	60.8	81.2	-25.2	56.0	70.4	69.7	64.9
Aviation beween Manchester and Arbor Vitae	35,104	34,494	429	180	2012	1725	575	40	64	67.4	1.68	69.0	67.4	1.01	68.4	67.4	-3.8	63.6	25.05	21.47	7.16	40	64	76.31	-17.34	58.97	76.31	-18.01	58.30	76.31	-22.78	53.53	10.5	9.0	3.0	40.0	64.4	82.7	-21.1	61.5	82.7	-21.8	60.8	82.7	-26.6	56.1	70.1	69.4	64.7
Arbor Vitae St between Isis Ave and Hindry Pl	47,676	47,108	380	189	2748	2355	785	40	64	67.4	3.03	70.4	67.4	2.36	69.7	67.4	-2.4	64.9	22.15	18.99	6.33	40	64	76.31	-17.88	58.44	76.31	-18.55	57.77	76.31	-23.32	52.99	11.0	9.4	3.1	40.0	64.4	81.2	-20.9	60.2	81.2	-21.6	59.5	81.2	-26.4	54.8	71.0	70.4	65.6
Century Blvd between Prairie Ave and Doty Ave	51,068	50,344	501	223	2937	2517	839	40	64	67.4	3.32	70.7	67.4	2.65	70.0	67.4	-2.1	65.2	29.25	25.07	8.36	40	64	76.31	-16.67	59.64	76.31	-17.34	58.97	76.31	-22.11	54.20	13.0	11.1	3.7	40.0	64.4	82.7	-20.2	62.4	82.7	-20.9	61.8	82.7	-25.7	57.0	71.6	70.9	66.1
Century Blvd between Doty Ave and Yukon Ave	51,578	50,850	505	224	2966	2542	847	40	64	67.4	3.36	70.7	67.4	2.69	70.1	67.4	-2.1	65.3	29.43	25.23	8.41	40	64	76.31	-16.64	59.67	76.31	-17.31	59.00	76.31	-22.08	54.23	13.1	11.2	3.7	40.0	64.4	81.2	-20.2	61.0	81.2	-20.9	60.3	81.2	-25.6	55.5	71.5	70.8	66.0
104th St between Prairie Ave and Doty Ave	1,758	1,740	11	7	101	87	29	40	64	67.4	-11.30	56.1	67.4	-11.96	55.4	67.4	-16.7	50.6	0.66	0.56	0.19	40	64	76.31	-33.17	43.15	76.31	-33.84	42.48	76.31	-38.61	37.70	0.4	0.3	0.1	40.0	64.4	82.7	-35.4	47.3	82.7	-36.0	46.6	82.7	-40.8	41.9	56.8	56.1	51.4
104th St between Doty Ave and Yukon Ave	1,011	1,000	6	5	58	50	17	40	64	67.4	-13.70	53.7	67.4	-14.37	53.0	67.4	-19.1	48.2	0.36	0.31	0.10	40	64	76.31	-35.78	40.54	76.31	-36.45	39.87	76.31	-41.22	35.09	0.3	0.2	0.1	40.0	64.4	81.2	-37.0	44.2	81.2	-37.6	43.5	81.2	-42.4	38.7	54.3	53.6	48.9
Crenshaw Blvd between Imperial Hwy and 113 th St	60,032	59,072	554	406	3446	2954	985	40	64	67.4	4.01	71.4	67.4	3.34	70.7	67.4	-1.4	65.9	32.33	27.71	9.24	40	64	76.31	-16.24	60.08	76.31	-16.91	59.41	76.31	-21.68	54.64	23.7	20.3	6.8	40.0	64.4	82.7	-17.6	65.0	82.7	-18.3	64.4	82.7	-23.1	59.6	72.5	71.9	67.1
Imperial Hwy between Cherry and Dehn	28,389	27,635	424	330	1612	1382	461	40	64	67.4	0.71	68.1	67.4	0.04	67.4	67.4	-4.7	62.6	24.72	21.19	7.06	40	64	76.31	-17.40	58.91	76.31	-18.07	58.24	76.31	-22.84	53.47	19.3	16.5	5.5	40.0	64.4	81.2	-18.5	62.6	81.2	-19.2	62.0	81.2	-24.0	57.2	69.6	68.9	64.1
Imperial Hwy between Casimir and Van Ness	44,270	43,773	333	164	2553	2189	730	40	64	67.4	2.71	70.1	67.4	2.04	69.4	67.4	-2.7	64.6	19.45	16.67	5.56	40	64	76.31	-18.44	57.87	76.31	-19.11	57.20	76.31	-23.88	52.43	9.6	8.2	2.7	40.0	64.4	82.7	-21.5	61.1	82.7	-22.2	60.4	82.7	-27.0	55.7	70.8	70.1	65.4
Crenshaw Blvd between I-105 and 116th St	45,851	44,627	620	604	2603	2231	744	40	64	67.4	2.80	70.2	67.4	2.13	69.5	67.4	-2.6	64.7	36.14	30.98	10.33	40	64	76.31	-15.75	60.56	76.31	-16.42	59.89	76.31	-21.19	55.12	35.2	30.2	10.1	40.0	64.4	81.2	-15.9	65.3	81.2	-16.6	64.6	81.2	-21.3	59.9	71.7	71.1	66.7

EXISTING

Street	Total Day	Total Evening	Total Night
Market St between Florence Ave and Regent St	65.5	64.8	60.1
Florence Ave between Ash Ave and Oak st	71.1	70.4	65.7
La Cienega between Florence and Manchester	72.2	71.5	66.8
Florence Ave between Hindry Ave and Glassgow Ave	72.1	71.4	66.7
Market St between Queen St and Manchester St	66.6	66.0	61.2
Manchester Blvd between Hindry Ave and Glassgow Ave	65.4	64.8	60.0
Manchester between Blvd Ash Ave and Oak st	70.4	69.8	65.0
Aviation beween Manchester and Arbor Vitae	69.5	68.8	64.1
Arbor Vitae St between Isis Ave and Hindry Pl	69.1	68.4	63.7
Century Blvd between Prairie Ave and Doty Ave	71.2	70.5	65.7
Century Blvd between Doty Ave and Yukon Ave	71.0	70.3	65.5
104th St between Prairie Ave and Doty Ave	52.7	52.0	47.3
104th St between Doty Ave and Yukon Ave	52.1	51.4	46.7
Crenshaw Blvd between Imperial Hwy and 113 th St	72.1	71.4	66.7
Imperial Hwy between Cherry and Dehn	69.8	69.1	64.4
Imperial Hwy between Casimir and Van Ness	71.0	70.4	65.6
Crenshaw Blvd between I-105 and 116th St	71.0	70.4	65.6

EXISTING WITH PROJECT

Street	Total Day	Total Evening	Total Night
Market St between Florence Ave and Regent St	65.6	64.9	60.2
Florence Ave between Ash Ave and Oak st	71.4	70.7	66.0
La Cienega between Florence and Manchester	73.0	72.3	67.6
Florence Ave between Hindry Ave and Glassgow Ave	72.1	71.4	66.7
Market St between Queen St and Manchester St	66.7	66.0	61.3
Manchester Blvd between Hindry Ave and Glassgow Ave	65.2	64.5	59.7
Manchester between Blvd Ash Ave and Oak st	70.5	69.8	65.1
Aviation beween Manchester and Arbor Vitae	69.6	68.9	64.2
Arbor Vitae St between Isis Ave and Hindry Pl	69.0	68.4	63.6
Century Blvd between Prairie Ave and Doty Ave	71.2	70.6	65.8
Century Blvd between Doty Ave and Yukon Ave	71.0	70.4	65.6
104th St between Prairie Ave and Doty Ave	53.3	52.6	47.9
104th St between Doty Ave and Yukon Ave	53.1	52.4	47.7
Crenshaw Blvd between Imperial Hwy and 113 th St	72.1	71.5	66.7
Imperial Hwy between Cherry and Dehn	69.8	69.1	64.4
Imperial Hwy between Casimir and Van Ness	71.1	70.5	65.7
Crenshaw Blvd between I-105 and 116th St	71.0	70.4	65.6

FUTURE NO

Street	Total Day	Total Evening	Total Night
Market St between Florence Ave and Regent St	65.7	65.0	60.2
Florence Ave between Ash Ave and Oak st	71.1	70.5	65.7
La Cienega between Florence and Manchester	72.5	71.8	67.0
Florence Ave between Hindry Ave and Glassgow Ave	71.4	70.7	65.9
Market St between Queen St and Manchester St	68.9	68.2	63.4
Manchester Blvd between Hindry Ave and Glassgow Ave	66.6	66.0	61.2
Manchester between Blvd Ash Ave and Oak st	70.3	69.6	64.9
Aviation beween Manchester and Arbor Vitae	70.1	69.4	64.7
Arbor Vitae St between Isis Ave and Hindry Pl	71.0	70.3	65.5
Century Blvd between Prairie Ave and Doty Ave	71.6	70.9	66.1
Century Blvd between Doty Ave and Yukon Ave	71.4	70.8	66.0
104th St between Prairie Ave and Doty Ave	56.5	55.9	51.1
104th St between Doty Ave and Yukon Ave	54.4	53.7	49.0
Crenshaw Blvd between Imperial Hwy and 113 th St	72.5	71.8	67.1
Imperial Hwy between Cherry and Dehn	69.7	69.0	64.3
Imperial Hwy between Casimir and Van Ness	70.8	70.1	65.4
Crenshaw Blvd between I-105 and 116th St	71.8	71.1	66.3

FUTURE WITH PROJECT

Street	Total Day	Total Evening	Total Night
Market St between Florence Ave and Regent St	65.7	65.0	60.3
Florence Ave between Ash Ave and Oak st	71.5	70.8	66.0
La Cienega between Florence and Manchester	73.0	72.4	67.6
Florence Ave between Hindry Ave and Glassgow Ave	71.3	70.6	65.9
Market St between Queen St and Manchester St	68.8	68.2	63.4
Manchester Blvd between Hindry Ave and Glassgow Ave	65.6	65.0	60.2
Manchester between Blvd Ash Ave and Oak st	70.4	69.7	64.9
Aviation beween Manchester and Arbor Vitae	70.1	69.4	64.7
Arbor Vitae St between Isis Ave and Hindry Pl	71.0	70.4	65.6
Century Blvd between Prairie Ave and Doty Ave	71.6	70.9	66.1
Century Blvd between Doty Ave and Yukon Ave	71.5	70.8	66.0
104th St between Prairie Ave and Doty Ave	56.8	56.1	51.4
104th St between Doty Ave and Yukon Ave	54.3	53.6	48.9
Crenshaw Blvd between Imperial Hwy and 113 th St	72.5	71.9	67.1
Imperial Hwy between Cherry and Dehn	69.6	68.9	64.1
Imperial Hwy between Casimir and Van Ness	70.8	70.1	65.4
Crenshaw Blvd between I-105 and 116th St	71.7	71.1	66.3

Market St between Florence Ave and Regent St

Time	Existing Leq	Existing CNEL	Existing With Project Leq	Existing With Project CNEL	Future No Project Leq	Future No Project CNEL	Future With Project Leq	Future With Project CNEL
7:00 AM	65.5	65.5	65.6	65.6	65.7	65.7	65.7	65.7
8:00 AM	65.5	65.5	65.6	65.6	65.7	65.7	65.7	65.7
9:00 AM	65.5	65.5	65.6	65.6	65.7	65.7	65.7	65.7
10:00 AM	65.5	65.5	65.6	65.6	65.7	65.7	65.7	65.7
11:00 AM	65.5	65.5	65.6	65.6	65.7	65.7	65.7	65.7
12:00 PM	65.5	65.5	65.6	65.6	65.7	65.7	65.7	65.7
1:00 PM	65.5	65.5	65.6	65.6	65.7	65.7	65.7	65.7
2:00 PM	65.5	65.5	65.6	65.6	65.7	65.7	65.7	65.7
3:00 PM	65.5	65.5	65.6	65.6	65.7	65.7	65.7	65.7
4:00 PM	65.5	65.5	65.6	65.6	65.7	65.7	65.7	65.7
5:00 PM	65.5	65.5	65.6	65.6	65.7	65.7	65.7	65.7
6:00 PM	65.5	65.5	65.6	65.6	65.7	65.7	65.7	65.7
7:00 PM	64.8	69.8	64.9	69.9	65.0	70.0	65.0	70.0
8:00 PM	64.8	69.8	64.9	69.9	65.0	70.0	65.0	70.0
9:00 PM	64.8	69.8	64.9	69.9	65.0	70.0	65.0	70.0
10:00 PM	60.1	70.1	60.2	70.2	60.2	70.2	60.3	70.3
11:00 PM	60.1	70.1	60.2	70.2	60.2	70.2	60.3	70.3
12:00 AM	60.1	70.1	60.2	70.2	60.2	70.2	60.3	70.3
1:00 AM	60.1	70.1	60.2	70.2	60.2	70.2	60.3	70.3
2:00 AM	60.1	70.1	60.2	70.2	60.2	70.2	60.3	70.3
3:00 AM	60.1	70.1	60.2	70.2	60.2	70.2	60.3	70.3
4:00 AM	60.1	70.1	60.2	70.2	60.2	70.2	60.3	70.3
5:00 AM	60.1	70.1	60.2	70.2	60.2	70.2	60.3	70.3
6:00 AM	60.1	70.1	60.2	70.2	60.2	70.2	60.3	70.3
	--	68.3		68.4		68.5		68.5

Florence Ave between Ash Ave and Oak st

Time	Existing Leq	Existing CNEL	Existing With Project Leq	Existing With Project CNEL	Future No Project Leq	Future No Project CNEL	Future With Project Leq	Future With Project CNEL
7:00 AM	71.1	71.1	71.4	71.4	71.1	71.1	71.5	71.5
8:00 AM	71.1	71.1	71.4	71.4	71.1	71.1	71.5	71.5
9:00 AM	71.1	71.1	71.4	71.4	71.1	71.1	71.5	71.5
10:00 AM	71.1	71.1	71.4	71.4	71.1	71.1	71.5	71.5
11:00 AM	71.1	71.1	71.4	71.4	71.1	71.1	71.5	71.5
12:00 PM	71.1	71.1	71.4	71.4	71.1	71.1	71.5	71.5
1:00 PM	71.1	71.1	71.4	71.4	71.1	71.1	71.5	71.5
2:00 PM	71.1	71.1	71.4	71.4	71.1	71.1	71.5	71.5
3:00 PM	71.1	71.1	71.4	71.4	71.1	71.1	71.5	71.5
4:00 PM	71.1	71.1	71.4	71.4	71.1	71.1	71.5	71.5
5:00 PM	71.1	71.1	71.4	71.4	71.1	71.1	71.5	71.5
6:00 PM	71.1	71.1	71.4	71.4	71.1	71.1	71.5	71.5
7:00 PM	70.4	75.4	70.7	75.7	70.5	75.5	70.8	75.8
8:00 PM	70.4	75.4	70.7	75.7	70.5	75.5	70.8	75.8
9:00 PM	70.4	75.4	70.7	75.7	70.5	75.5	70.8	75.8
10:00 PM	65.7	75.7	66.0	76.0	65.7	75.7	66.0	76.0
11:00 PM	65.7	75.7	66.0	76.0	65.7	75.7	66.0	76.0
12:00 AM	65.7	75.7	66.0	76.0	65.7	75.7	66.0	76.0
1:00 AM	65.7	75.7	66.0	76.0	65.7	75.7	66.0	76.0
2:00 AM	65.7	75.7	66.0	76.0	65.7	75.7	66.0	76.0
3:00 AM	65.7	75.7	66.0	76.0	65.7	75.7	66.0	76.0
4:00 AM	65.7	75.7	66.0	76.0	65.7	75.7	66.0	76.0
5:00 AM	65.7	75.7	66.0	76.0	65.7	75.7	66.0	76.0
6:00 AM	65.7	75.7	66.0	76.0	65.7	75.7	66.0	76.0
	--	73.9		74.2		73.9		74.3

La Cienega between Florence and Manchester

Time	Existing Leq	Existing CNEL	Existing With Project Leq	Existing With Project CNEL	Future No Project Leq	Future No Project CNEL	Future With Project Leq	Future With Project CNEL
7:00 AM	72.2	72.2	73.0	73.0	72.5	72.5	73.0	73.0
8:00 AM	72.2	72.2	73.0	73.0	72.5	72.5	73.0	73.0
9:00 AM	72.2	72.2	73.0	73.0	72.5	72.5	73.0	73.0
10:00 AM	72.2	72.2	73.0	73.0	72.5	72.5	73.0	73.0
11:00 AM	72.2	72.2	73.0	73.0	72.5	72.5	73.0	73.0
12:00 PM	72.2	72.2	73.0	73.0	72.5	72.5	73.0	73.0
1:00 PM	72.2	72.2	73.0	73.0	72.5	72.5	73.0	73.0
2:00 PM	72.2	72.2	73.0	73.0	72.5	72.5	73.0	73.0
3:00 PM	72.2	72.2	73.0	73.0	72.5	72.5	73.0	73.0
4:00 PM	72.2	72.2	73.0	73.0	72.5	72.5	73.0	73.0
5:00 PM	72.2	72.2	73.0	73.0	72.5	72.5	73.0	73.0
6:00 PM	72.2	72.2	73.0	73.0	72.5	72.5	73.0	73.0
7:00 PM	71.5	76.5	72.3	77.3	71.8	76.8	72.4	77.4
8:00 PM	71.5	76.5	72.3	77.3	71.8	76.8	72.4	77.4
9:00 PM	71.5	76.5	72.3	77.3	71.8	76.8	72.4	77.4
10:00 PM	66.8	76.8	67.6	77.6	67.0	77.0	67.6	77.6
11:00 PM	66.8	76.8	67.6	77.6	67.0	77.0	67.6	77.6
12:00 AM	66.8	76.8	67.6	77.6	67.0	77.0	67.6	77.6
1:00 AM	66.8	76.8	67.6	77.6	67.0	77.0	67.6	77.6
2:00 AM	66.8	76.8	67.6	77.6	67.0	77.0	67.6	77.6
3:00 AM	66.8	76.8	67.6	77.6	67.0	77.0	67.6	77.6
4:00 AM	66.8	76.8	67.6	77.6	67.0	77.0	67.6	77.6
5:00 AM	66.8	76.8	67.6	77.6	67.0	77.0	67.6	77.6
6:00 AM	66.8	76.8	67.6	77.6	67.0	77.0	67.6	77.6
	--	75.0		75.8		75.3		75.8

Florence Ave between Hindry Ave and Glassgow Ave

Time	Existing Leq	Existing CNEL	Existing With Project Leq	Existing With Project CNEL	Future No Project Leq	Future No Project CNEL	Future With Project Leq	Future With Project CNEL
7:00 AM	72.1	72.1	72.1	72.1	71.4	71.4	71.3	71.3
8:00 AM	72.1	72.1	72.1	72.1	71.4	71.4	71.3	71.3
9:00 AM	72.1	72.1	72.1	72.1	71.4	71.4	71.3	71.3
10:00 AM	72.1	72.1	72.1	72.1	71.4	71.4	71.3	71.3
11:00 AM	72.1	72.1	72.1	72.1	71.4	71.4	71.3	71.3
12:00 PM	72.1	72.1	72.1	72.1	71.4	71.4	71.3	71.3
1:00 PM	72.1	72.1	72.1	72.1	71.4	71.4	71.3	71.3
2:00 PM	72.1	72.1	72.1	72.1	71.4	71.4	71.3	71.3
3:00 PM	72.1	72.1	72.1	72.1	71.4	71.4	71.3	71.3
4:00 PM	72.1	72.1	72.1	72.1	71.4	71.4	71.3	71.3
5:00 PM	72.1	72.1	72.1	72.1	71.4	71.4	71.3	71.3
6:00 PM	72.1	72.1	72.1	72.1	71.4	71.4	71.3	71.3
7:00 PM	71.4	76.4	71.4	76.4	70.7	75.7	70.6	75.6
8:00 PM	71.4	76.4	71.4	76.4	70.7	75.7	70.6	75.6
9:00 PM	71.4	76.4	71.4	76.4	70.7	75.7	70.6	75.6
10:00 PM	66.7	76.7	66.7	76.7	65.9	75.9	65.9	75.9
11:00 PM	66.7	76.7	66.7	76.7	65.9	75.9	65.9	75.9
12:00 AM	66.7	76.7	66.7	76.7	65.9	75.9	65.9	75.9
1:00 AM	66.7	76.7	66.7	76.7	65.9	75.9	65.9	75.9
2:00 AM	66.7	76.7	66.7	76.7	65.9	75.9	65.9	75.9
3:00 AM	66.7	76.7	66.7	76.7	65.9	75.9	65.9	75.9
4:00 AM	66.7	76.7	66.7	76.7	65.9	75.9	65.9	75.9
5:00 AM	66.7	76.7	66.7	76.7	65.9	75.9	65.9	75.9
6:00 AM	66.7	76.7	66.7	76.7	65.9	75.9	65.9	75.9
	--	74.9		74.9		74.2		74.1

Market St between Queen St and Manchester St

Time	Existing Leq	Existing CNEL	Existing With Project Leq	Existing With Project CNEL	Future No Project Leq	Future No Project CNEL	Future With Project Leq	Future With Project CNEL
7:00 AM	66.6	66.6	66.7	66.7	68.9	68.9	68.8	68.8
8:00 AM	66.6	66.6	66.7	66.7	68.9	68.9	68.8	68.8
9:00 AM	66.6	66.6	66.7	66.7	68.9	68.9	68.8	68.8
10:00 AM	66.6	66.6	66.7	66.7	68.9	68.9	68.8	68.8
11:00 AM	66.6	66.6	66.7	66.7	68.9	68.9	68.8	68.8
12:00 PM	66.6	66.6	66.7	66.7	68.9	68.9	68.8	68.8
1:00 PM	66.6	66.6	66.7	66.7	68.9	68.9	68.8	68.8
2:00 PM	66.6	66.6	66.7	66.7	68.9	68.9	68.8	68.8
3:00 PM	66.6	66.6	66.7	66.7	68.9	68.9	68.8	68.8
4:00 PM	66.6	66.6	66.7	66.7	68.9	68.9	68.8	68.8
5:00 PM	66.6	66.6	66.7	66.7	68.9	68.9	68.8	68.8
6:00 PM	66.6	66.6	66.7	66.7	68.9	68.9	68.8	68.8
7:00 PM	66.0	71.0	66.0	71.0	68.2	73.2	68.2	73.2
8:00 PM	66.0	71.0	66.0	71.0	68.2	73.2	68.2	73.2
9:00 PM	66.0	71.0	66.0	71.0	68.2	73.2	68.2	73.2
10:00 PM	61.2	71.2	61.3	71.3	63.4	73.4	63.4	73.4
11:00 PM	61.2	71.2	61.3	71.3	63.4	73.4	63.4	73.4
12:00 AM	61.2	71.2	61.3	71.3	63.4	73.4	63.4	73.4
1:00 AM	61.2	71.2	61.3	71.3	63.4	73.4	63.4	73.4
2:00 AM	61.2	71.2	61.3	71.3	63.4	73.4	63.4	73.4
3:00 AM	61.2	71.2	61.3	71.3	63.4	73.4	63.4	73.4
4:00 AM	61.2	71.2	61.3	71.3	63.4	73.4	63.4	73.4
5:00 AM	61.2	71.2	61.3	71.3	63.4	73.4	63.4	73.4
6:00 AM	61.2	71.2	61.3	71.3	63.4	73.4	63.4	73.4
	--	69.4		69.5		71.7		71.6

Manchester Blvd between Hindry Ave and Glassgow Ave

Time	Existing Leq	Existing CNEL	Existing With Project Leq	Existing With Project CNEL	Future No Project Leq	Future No Project CNEL	Future With Project Leq	Future With Project CNEL
7:00 AM	65.4	65.4	65.2	65.2	66.6	66.6	65.6	65.6
8:00 AM	65.4	65.4	65.2	65.2	66.6	66.6	65.6	65.6
9:00 AM	65.4	65.4	65.2	65.2	66.6	66.6	65.6	65.6
10:00 AM	65.4	65.4	65.2	65.2	66.6	66.6	65.6	65.6
11:00 AM	65.4	65.4	65.2	65.2	66.6	66.6	65.6	65.6
12:00 PM	65.4	65.4	65.2	65.2	66.6	66.6	65.6	65.6
1:00 PM	65.4	65.4	65.2	65.2	66.6	66.6	65.6	65.6
2:00 PM	65.4	65.4	65.2	65.2	66.6	66.6	65.6	65.6
3:00 PM	65.4	65.4	65.2	65.2	66.6	66.6	65.6	65.6
4:00 PM	65.4	65.4	65.2	65.2	66.6	66.6	65.6	65.6
5:00 PM	65.4	65.4	65.2	65.2	66.6	66.6	65.6	65.6
6:00 PM	65.4	65.4	65.2	65.2	66.6	66.6	65.6	65.6
7:00 PM	64.8	69.8	64.5	69.5	66.0	71.0	65.0	70.0
8:00 PM	64.8	69.8	64.5	69.5	66.0	71.0	65.0	70.0
9:00 PM	64.8	69.8	64.5	69.5	66.0	71.0	65.0	70.0
10:00 PM	60.0	70.0	59.7	69.7	61.2	71.2	60.2	70.2
11:00 PM	60.0	70.0	59.7	69.7	61.2	71.2	60.2	70.2
12:00 AM	60.0	70.0	59.7	69.7	61.2	71.2	60.2	70.2
1:00 AM	60.0	70.0	59.7	69.7	61.2	71.2	60.2	70.2
2:00 AM	60.0	70.0	59.7	69.7	61.2	71.2	60.2	70.2
3:00 AM	60.0	70.0	59.7	69.7	61.2	71.2	60.2	70.2
4:00 AM	60.0	70.0	59.7	69.7	61.2	71.2	60.2	70.2
5:00 AM	60.0	70.0	59.7	69.7	61.2	71.2	60.2	70.2
6:00 AM	60.0	70.0	59.7	69.7	61.2	71.2	60.2	70.2
	--	68.2		68.0		69.4		68.4

Manchester between Blvd Ash Ave and Oak st

Time	Existing Leq	Existing CNEL	Existing With Project Leq	Existing With Project CNEL	Future No Project Leq	Future No Project CNEL	Future With Project Leq	Future With Project CNEL
7:00 AM	70.4	70.4	70.5	70.5	70.3	70.3	70.4	70.4
8:00 AM	70.4	70.4	70.5	70.5	70.3	70.3	70.4	70.4
9:00 AM	70.4	70.4	70.5	70.5	70.3	70.3	70.4	70.4
10:00 AM	70.4	70.4	70.5	70.5	70.3	70.3	70.4	70.4
11:00 AM	70.4	70.4	70.5	70.5	70.3	70.3	70.4	70.4
12:00 PM	70.4	70.4	70.5	70.5	70.3	70.3	70.4	70.4
1:00 PM	70.4	70.4	70.5	70.5	70.3	70.3	70.4	70.4
2:00 PM	70.4	70.4	70.5	70.5	70.3	70.3	70.4	70.4
3:00 PM	70.4	70.4	70.5	70.5	70.3	70.3	70.4	70.4
4:00 PM	70.4	70.4	70.5	70.5	70.3	70.3	70.4	70.4
5:00 PM	70.4	70.4	70.5	70.5	70.3	70.3	70.4	70.4
6:00 PM	70.4	70.4	70.5	70.5	70.3	70.3	70.4	70.4
7:00 PM	69.8	74.8	69.8	74.8	69.6	74.6	69.7	74.7
8:00 PM	69.8	74.8	69.8	74.8	69.6	74.6	69.7	74.7
9:00 PM	69.8	74.8	69.8	74.8	69.6	74.6	69.7	74.7
10:00 PM	65.0	75.0	65.1	75.1	64.9	74.9	64.9	74.9
11:00 PM	65.0	75.0	65.1	75.1	64.9	74.9	64.9	74.9
12:00 AM	65.0	75.0	65.1	75.1	64.9	74.9	64.9	74.9
1:00 AM	65.0	75.0	65.1	75.1	64.9	74.9	64.9	74.9
2:00 AM	65.0	75.0	65.1	75.1	64.9	74.9	64.9	74.9
3:00 AM	65.0	75.0	65.1	75.1	64.9	74.9	64.9	74.9
4:00 AM	65.0	75.0	65.1	75.1	64.9	74.9	64.9	74.9
5:00 AM	65.0	75.0	65.1	75.1	64.9	74.9	64.9	74.9
6:00 AM	65.0	75.0	65.1	75.1	64.9	74.9	64.9	74.9
	--	73.2		73.3		73.1		73.2

Aviation beween Manchester and Arbor Vitae

Time	Existing Leq	Existing CNEL	Existing With Project Leq	Existing With Project CNEL	Future No Project Leq	Future No Project CNEL	Future With Project Leq	Future With Project CNEL
7:00 AM	69.5	69.5	69.6	69.6	70.1	70.1	70.1	70.1
8:00 AM	69.5	69.5	69.6	69.6	70.1	70.1	70.1	70.1
9:00 AM	69.5	69.5	69.6	69.6	70.1	70.1	70.1	70.1
10:00 AM	69.5	69.5	69.6	69.6	70.1	70.1	70.1	70.1
11:00 AM	69.5	69.5	69.6	69.6	70.1	70.1	70.1	70.1
12:00 PM	69.5	69.5	69.6	69.6	70.1	70.1	70.1	70.1
1:00 PM	69.5	69.5	69.6	69.6	70.1	70.1	70.1	70.1
2:00 PM	69.5	69.5	69.6	69.6	70.1	70.1	70.1	70.1
3:00 PM	69.5	69.5	69.6	69.6	70.1	70.1	70.1	70.1
4:00 PM	69.5	69.5	69.6	69.6	70.1	70.1	70.1	70.1
5:00 PM	69.5	69.5	69.6	69.6	70.1	70.1	70.1	70.1
6:00 PM	69.5	69.5	69.6	69.6	70.1	70.1	70.1	70.1
7:00 PM	68.8	73.8	68.9	73.9	69.4	74.4	69.4	74.4
8:00 PM	68.8	73.8	68.9	73.9	69.4	74.4	69.4	74.4
9:00 PM	68.8	73.8	68.9	73.9	69.4	74.4	69.4	74.4
10:00 PM	64.1	74.1	64.2	74.2	64.7	74.7	64.7	74.7
11:00 PM	64.1	74.1	64.2	74.2	64.7	74.7	64.7	74.7
12:00 AM	64.1	74.1	64.2	74.2	64.7	74.7	64.7	74.7
1:00 AM	64.1	74.1	64.2	74.2	64.7	74.7	64.7	74.7
2:00 AM	64.1	74.1	64.2	74.2	64.7	74.7	64.7	74.7
3:00 AM	64.1	74.1	64.2	74.2	64.7	74.7	64.7	74.7
4:00 AM	64.1	74.1	64.2	74.2	64.7	74.7	64.7	74.7
5:00 AM	64.1	74.1	64.2	74.2	64.7	74.7	64.7	74.7
6:00 AM	64.1	74.1	64.2	74.2	64.7	74.7	64.7	74.7
	--	72.3		72.4		72.9		72.9

Arbor Vitae St between Isis Ave and Hindry Pl

Time	Existing Leq	Existing CNEL	Existing With Project Leq	Existing With Project CNEL	Future No Project Leq	Future No Project CNEL	Future With Project Leq	Future With Project CNEL
7:00 AM	69.1	69.1	69.0	69.0	71.0	71.0	71.0	71.0
8:00 AM	69.1	69.1	69.0	69.0	71.0	71.0	71.0	71.0
9:00 AM	69.1	69.1	69.0	69.0	71.0	71.0	71.0	71.0
10:00 AM	69.1	69.1	69.0	69.0	71.0	71.0	71.0	71.0
11:00 AM	69.1	69.1	69.0	69.0	71.0	71.0	71.0	71.0
12:00 PM	69.1	69.1	69.0	69.0	71.0	71.0	71.0	71.0
1:00 PM	69.1	69.1	69.0	69.0	71.0	71.0	71.0	71.0
2:00 PM	69.1	69.1	69.0	69.0	71.0	71.0	71.0	71.0
3:00 PM	69.1	69.1	69.0	69.0	71.0	71.0	71.0	71.0
4:00 PM	69.1	69.1	69.0	69.0	71.0	71.0	71.0	71.0
5:00 PM	69.1	69.1	69.0	69.0	71.0	71.0	71.0	71.0
6:00 PM	69.1	69.1	69.0	69.0	71.0	71.0	71.0	71.0
7:00 PM	68.4	73.4	68.4	73.4	70.3	75.3	70.4	75.4
8:00 PM	68.4	73.4	68.4	73.4	70.3	75.3	70.4	75.4
9:00 PM	68.4	73.4	68.4	73.4	70.3	75.3	70.4	75.4
10:00 PM	63.7	73.7	63.6	73.6	65.5	75.5	65.6	75.6
11:00 PM	63.7	73.7	63.6	73.6	65.5	75.5	65.6	75.6
12:00 AM	63.7	73.7	63.6	73.6	65.5	75.5	65.6	75.6
1:00 AM	63.7	73.7	63.6	73.6	65.5	75.5	65.6	75.6
2:00 AM	63.7	73.7	63.6	73.6	65.5	75.5	65.6	75.6
3:00 AM	63.7	73.7	63.6	73.6	65.5	75.5	65.6	75.6
4:00 AM	63.7	73.7	63.6	73.6	65.5	75.5	65.6	75.6
5:00 AM	63.7	73.7	63.6	73.6	65.5	75.5	65.6	75.6
6:00 AM	63.7	73.7	63.6	73.6	65.5	75.5	65.6	75.6
	--	71.9		71.8		73.8		73.8

Century Blvd between Prairie Ave and Doty Ave

Time	Existing Leq	Existing CNEL	Existing With Project Leq	Existing With Project CNEL	Future No Project Leq	Future No Project CNEL	Future With Project Leq	Future With Project CNEL
7:00 AM	71.2	71.2	71.2	71.2	71.6	71.6	71.6	71.6
8:00 AM	71.2	71.2	71.2	71.2	71.6	71.6	71.6	71.6
9:00 AM	71.2	71.2	71.2	71.2	71.6	71.6	71.6	71.6
10:00 AM	71.2	71.2	71.2	71.2	71.6	71.6	71.6	71.6
11:00 AM	71.2	71.2	71.2	71.2	71.6	71.6	71.6	71.6
12:00 PM	71.2	71.2	71.2	71.2	71.6	71.6	71.6	71.6
1:00 PM	71.2	71.2	71.2	71.2	71.6	71.6	71.6	71.6
2:00 PM	71.2	71.2	71.2	71.2	71.6	71.6	71.6	71.6
3:00 PM	71.2	71.2	71.2	71.2	71.6	71.6	71.6	71.6
4:00 PM	71.2	71.2	71.2	71.2	71.6	71.6	71.6	71.6
5:00 PM	71.2	71.2	71.2	71.2	71.6	71.6	71.6	71.6
6:00 PM	71.2	71.2	71.2	71.2	71.6	71.6	71.6	71.6
7:00 PM	70.5	75.5	70.6	75.6	70.9	75.9	70.9	75.9
8:00 PM	70.5	75.5	70.6	75.6	70.9	75.9	70.9	75.9
9:00 PM	70.5	75.5	70.6	75.6	70.9	75.9	70.9	75.9
10:00 PM	65.7	75.7	65.8	75.8	66.1	76.1	66.1	76.1
11:00 PM	65.7	75.7	65.8	75.8	66.1	76.1	66.1	76.1
12:00 AM	65.7	75.7	65.8	75.8	66.1	76.1	66.1	76.1
1:00 AM	65.7	75.7	65.8	75.8	66.1	76.1	66.1	76.1
2:00 AM	65.7	75.7	65.8	75.8	66.1	76.1	66.1	76.1
3:00 AM	65.7	75.7	65.8	75.8	66.1	76.1	66.1	76.1
4:00 AM	65.7	75.7	65.8	75.8	66.1	76.1	66.1	76.1
5:00 AM	65.7	75.7	65.8	75.8	66.1	76.1	66.1	76.1
6:00 AM	65.7	75.7	65.8	75.8	66.1	76.1	66.1	76.1
	--	74.0		74.1		74.4		74.4

Century Blvd between Doty Ave and Yukon Ave

Time	Existing Leq	Existing CNEL	Existing With Project Leq	Existing With Project CNEL	Future No Project Leq	Future No Project CNEL	Future With Project Leq	Future With Project CNEL
7:00 AM	71.0	71.0	71.0	71.0	71.4	71.4	71.5	71.5
8:00 AM	71.0	71.0	71.0	71.0	71.4	71.4	71.5	71.5
9:00 AM	71.0	71.0	71.0	71.0	71.4	71.4	71.5	71.5
10:00 AM	71.0	71.0	71.0	71.0	71.4	71.4	71.5	71.5
11:00 AM	71.0	71.0	71.0	71.0	71.4	71.4	71.5	71.5
12:00 PM	71.0	71.0	71.0	71.0	71.4	71.4	71.5	71.5
1:00 PM	71.0	71.0	71.0	71.0	71.4	71.4	71.5	71.5
2:00 PM	71.0	71.0	71.0	71.0	71.4	71.4	71.5	71.5
3:00 PM	71.0	71.0	71.0	71.0	71.4	71.4	71.5	71.5
4:00 PM	71.0	71.0	71.0	71.0	71.4	71.4	71.5	71.5
5:00 PM	71.0	71.0	71.0	71.0	71.4	71.4	71.5	71.5
6:00 PM	71.0	71.0	71.0	71.0	71.4	71.4	71.5	71.5
7:00 PM	70.3	75.3	70.4	75.4	70.8	75.8	70.8	75.8
8:00 PM	70.3	75.3	70.4	75.4	70.8	75.8	70.8	75.8
9:00 PM	70.3	75.3	70.4	75.4	70.8	75.8	70.8	75.8
10:00 PM	65.5	75.5	65.6	75.6	66.0	76.0	66.0	76.0
11:00 PM	65.5	75.5	65.6	75.6	66.0	76.0	66.0	76.0
12:00 AM	65.5	75.5	65.6	75.6	66.0	76.0	66.0	76.0
1:00 AM	65.5	75.5	65.6	75.6	66.0	76.0	66.0	76.0
2:00 AM	65.5	75.5	65.6	75.6	66.0	76.0	66.0	76.0
3:00 AM	65.5	75.5	65.6	75.6	66.0	76.0	66.0	76.0
4:00 AM	65.5	75.5	65.6	75.6	66.0	76.0	66.0	76.0
5:00 AM	65.5	75.5	65.6	75.6	66.0	76.0	66.0	76.0
6:00 AM	65.5	75.5	65.6	75.6	66.0	76.0	66.0	76.0
	--	73.8		73.9		74.2		74.3

104th St between Prairie Ave and Doty Ave

Time	Existing Leq	Existing CNEL	Existing With Project Leq	Existing With Project CNEL	Future No Project Leq	Future No Project CNEL	Future With Project Leq	Future With Project CNEL
7:00 AM	52.7	52.7	53.3	53.3	56.5	56.5	56.8	56.8
8:00 AM	52.7	52.7	53.3	53.3	56.5	56.5	56.8	56.8
9:00 AM	52.7	52.7	53.3	53.3	56.5	56.5	56.8	56.8
10:00 AM	52.7	52.7	53.3	53.3	56.5	56.5	56.8	56.8
11:00 AM	52.7	52.7	53.3	53.3	56.5	56.5	56.8	56.8
12:00 PM	52.7	52.7	53.3	53.3	56.5	56.5	56.8	56.8
1:00 PM	52.7	52.7	53.3	53.3	56.5	56.5	56.8	56.8
2:00 PM	52.7	52.7	53.3	53.3	56.5	56.5	56.8	56.8
3:00 PM	52.7	52.7	53.3	53.3	56.5	56.5	56.8	56.8
4:00 PM	52.7	52.7	53.3	53.3	56.5	56.5	56.8	56.8
5:00 PM	52.7	52.7	53.3	53.3	56.5	56.5	56.8	56.8
6:00 PM	52.7	52.7	53.3	53.3	56.5	56.5	56.8	56.8
7:00 PM	52.0	57.0	52.6	57.6	55.9	60.9	56.1	61.1
8:00 PM	52.0	57.0	52.6	57.6	55.9	60.9	56.1	61.1
9:00 PM	52.0	57.0	52.6	57.6	55.9	60.9	56.1	61.1
10:00 PM	47.3	57.3	47.9	57.9	51.1	61.1	51.4	61.4
11:00 PM	47.3	57.3	47.9	57.9	51.1	61.1	51.4	61.4
12:00 AM	47.3	57.3	47.9	57.9	51.1	61.1	51.4	61.4
1:00 AM	47.3	57.3	47.9	57.9	51.1	61.1	51.4	61.4
2:00 AM	47.3	57.3	47.9	57.9	51.1	61.1	51.4	61.4
3:00 AM	47.3	57.3	47.9	57.9	51.1	61.1	51.4	61.4
4:00 AM	47.3	57.3	47.9	57.9	51.1	61.1	51.4	61.4
5:00 AM	47.3	57.3	47.9	57.9	51.1	61.1	51.4	61.4
6:00 AM	47.3	57.3	47.9	57.9	51.1	61.1	51.4	61.4
	--	55.5		56.1		59.3		59.6

104th St between Doty Ave and Yukon Ave

Time	Existing Leq	Existing CNEL	Existing With Project Leq	Existing With Project CNEL	Future No Project Leq	Future No Project CNEL	Future With Project Leq	Future With Project CNEL
7:00 AM	52.1	52.1	53.1	53.1	54.4	54.4	54.3	54.3
8:00 AM	52.1	52.1	53.1	53.1	54.4	54.4	54.3	54.3
9:00 AM	52.1	52.1	53.1	53.1	54.4	54.4	54.3	54.3
10:00 AM	52.1	52.1	53.1	53.1	54.4	54.4	54.3	54.3
11:00 AM	52.1	52.1	53.1	53.1	54.4	54.4	54.3	54.3
12:00 PM	52.1	52.1	53.1	53.1	54.4	54.4	54.3	54.3
1:00 PM	52.1	52.1	53.1	53.1	54.4	54.4	54.3	54.3
2:00 PM	52.1	52.1	53.1	53.1	54.4	54.4	54.3	54.3
3:00 PM	52.1	52.1	53.1	53.1	54.4	54.4	54.3	54.3
4:00 PM	52.1	52.1	53.1	53.1	54.4	54.4	54.3	54.3
5:00 PM	52.1	52.1	53.1	53.1	54.4	54.4	54.3	54.3
6:00 PM	52.1	52.1	53.1	53.1	54.4	54.4	54.3	54.3
7:00 PM	51.4	56.4	52.4	57.4	53.7	58.7	53.6	58.6
8:00 PM	51.4	56.4	52.4	57.4	53.7	58.7	53.6	58.6
9:00 PM	51.4	56.4	52.4	57.4	53.7	58.7	53.6	58.6
10:00 PM	46.7	56.7	47.7	57.7	49.0	59.0	48.9	58.9
11:00 PM	46.7	56.7	47.7	57.7	49.0	59.0	48.9	58.9
12:00 AM	46.7	56.7	47.7	57.7	49.0	59.0	48.9	58.9
1:00 AM	46.7	56.7	47.7	57.7	49.0	59.0	48.9	58.9
2:00 AM	46.7	56.7	47.7	57.7	49.0	59.0	48.9	58.9
3:00 AM	46.7	56.7	47.7	57.7	49.0	59.0	48.9	58.9
4:00 AM	46.7	56.7	47.7	57.7	49.0	59.0	48.9	58.9
5:00 AM	46.7	56.7	47.7	57.7	49.0	59.0	48.9	58.9
6:00 AM	46.7	56.7	47.7	57.7	49.0	59.0	48.9	58.9
	--	54.9		55.9		57.2		57.1

Crenshaw Blvd between Imperial Hwy and 113 th St

Time	Existing Leq	Existing CNEL	Existing With Project Leq	Existing With Project CNEL	Future No Project Leq	Future No Project CNEL	Future With Project Leq	Future With Project CNEL
7:00 AM	72.1	72.1	72.1	72.1	72.5	72.5	72.5	72.5
8:00 AM	72.1	72.1	72.1	72.1	72.5	72.5	72.5	72.5
9:00 AM	72.1	72.1	72.1	72.1	72.5	72.5	72.5	72.5
10:00 AM	72.1	72.1	72.1	72.1	72.5	72.5	72.5	72.5
11:00 AM	72.1	72.1	72.1	72.1	72.5	72.5	72.5	72.5
12:00 PM	72.1	72.1	72.1	72.1	72.5	72.5	72.5	72.5
1:00 PM	72.1	72.1	72.1	72.1	72.5	72.5	72.5	72.5
2:00 PM	72.1	72.1	72.1	72.1	72.5	72.5	72.5	72.5
3:00 PM	72.1	72.1	72.1	72.1	72.5	72.5	72.5	72.5
4:00 PM	72.1	72.1	72.1	72.1	72.5	72.5	72.5	72.5
5:00 PM	72.1	72.1	72.1	72.1	72.5	72.5	72.5	72.5
6:00 PM	72.1	72.1	72.1	72.1	72.5	72.5	72.5	72.5
7:00 PM	71.4	76.4	71.5	76.5	71.8	76.8	71.9	76.9
8:00 PM	71.4	76.4	71.5	76.5	71.8	76.8	71.9	76.9
9:00 PM	71.4	76.4	71.5	76.5	71.8	76.8	71.9	76.9
10:00 PM	66.7	76.7	66.7	76.7	67.1	77.1	67.1	77.1
11:00 PM	66.7	76.7	66.7	76.7	67.1	77.1	67.1	77.1
12:00 AM	66.7	76.7	66.7	76.7	67.1	77.1	67.1	77.1
1:00 AM	66.7	76.7	66.7	76.7	67.1	77.1	67.1	77.1
2:00 AM	66.7	76.7	66.7	76.7	67.1	77.1	67.1	77.1
3:00 AM	66.7	76.7	66.7	76.7	67.1	77.1	67.1	77.1
4:00 AM	66.7	76.7	66.7	76.7	67.1	77.1	67.1	77.1
5:00 AM	66.7	76.7	66.7	76.7	67.1	77.1	67.1	77.1
6:00 AM	66.7	76.7	66.7	76.7	67.1	77.1	67.1	77.1
	--	74.9		74.9		75.3		75.3

Imperial Hwy between Cherry and Dehn

Time	Existing Leq	Existing CNEL	Existing With Project Leq	Existing With Project CNEL	Future No Project Leq	Future No Project CNEL	Future With Project Leq	Future With Project CNEL
7:00 AM	69.8	69.8	69.8	69.8	69.7	69.7	69.6	69.6
8:00 AM	69.8	69.8	69.8	69.8	69.7	69.7	69.6	69.6
9:00 AM	69.8	69.8	69.8	69.8	69.7	69.7	69.6	69.6
10:00 AM	69.8	69.8	69.8	69.8	69.7	69.7	69.6	69.6
11:00 AM	69.8	69.8	69.8	69.8	69.7	69.7	69.6	69.6
12:00 PM	69.8	69.8	69.8	69.8	69.7	69.7	69.6	69.6
1:00 PM	69.8	69.8	69.8	69.8	69.7	69.7	69.6	69.6
2:00 PM	69.8	69.8	69.8	69.8	69.7	69.7	69.6	69.6
3:00 PM	69.8	69.8	69.8	69.8	69.7	69.7	69.6	69.6
4:00 PM	69.8	69.8	69.8	69.8	69.7	69.7	69.6	69.6
5:00 PM	69.8	69.8	69.8	69.8	69.7	69.7	69.6	69.6
6:00 PM	69.8	69.8	69.8	69.8	69.7	69.7	69.6	69.6
7:00 PM	69.1	74.1	69.1	74.1	69.0	74.0	68.9	73.9
8:00 PM	69.1	74.1	69.1	74.1	69.0	74.0	68.9	73.9
9:00 PM	69.1	74.1	69.1	74.1	69.0	74.0	68.9	73.9
10:00 PM	64.4	74.4	64.4	74.4	64.3	74.3	64.1	74.1
11:00 PM	64.4	74.4	64.4	74.4	64.3	74.3	64.1	74.1
12:00 AM	64.4	74.4	64.4	74.4	64.3	74.3	64.1	74.1
1:00 AM	64.4	74.4	64.4	74.4	64.3	74.3	64.1	74.1
2:00 AM	64.4	74.4	64.4	74.4	64.3	74.3	64.1	74.1
3:00 AM	64.4	74.4	64.4	74.4	64.3	74.3	64.1	74.1
4:00 AM	64.4	74.4	64.4	74.4	64.3	74.3	64.1	74.1
5:00 AM	64.4	74.4	64.4	74.4	64.3	74.3	64.1	74.1
6:00 AM	64.4	74.4	64.4	74.4	64.3	74.3	64.1	74.1
	--	72.6		72.6		72.5		72.4

Imperial Hwy between Casimir and Van Ness

Time	Existing Leq	Existing CNEL	Existing With Project Leq	Existing With Project CNEL	Future No Project Leq	Future No Project CNEL	Future With Project Leq	Future With Project CNEL
7:00 AM	71.0	71.0	71.1	71.1	70.8	70.8	70.8	70.8
8:00 AM	71.0	71.0	71.1	71.1	70.8	70.8	70.8	70.8
9:00 AM	71.0	71.0	71.1	71.1	70.8	70.8	70.8	70.8
10:00 AM	71.0	71.0	71.1	71.1	70.8	70.8	70.8	70.8
11:00 AM	71.0	71.0	71.1	71.1	70.8	70.8	70.8	70.8
12:00 PM	71.0	71.0	71.1	71.1	70.8	70.8	70.8	70.8
1:00 PM	71.0	71.0	71.1	71.1	70.8	70.8	70.8	70.8
2:00 PM	71.0	71.0	71.1	71.1	70.8	70.8	70.8	70.8
3:00 PM	71.0	71.0	71.1	71.1	70.8	70.8	70.8	70.8
4:00 PM	71.0	71.0	71.1	71.1	70.8	70.8	70.8	70.8
5:00 PM	71.0	71.0	71.1	71.1	70.8	70.8	70.8	70.8
6:00 PM	71.0	71.0	71.1	71.1	70.8	70.8	70.8	70.8
7:00 PM	70.4	75.4	70.5	75.5	70.1	75.1	70.1	75.1
8:00 PM	70.4	75.4	70.5	75.5	70.1	75.1	70.1	75.1
9:00 PM	70.4	75.4	70.5	75.5	70.1	75.1	70.1	75.1
10:00 PM	65.6	75.6	65.7	75.7	65.4	75.4	65.4	75.4
11:00 PM	65.6	75.6	65.7	75.7	65.4	75.4	65.4	75.4
12:00 AM	65.6	75.6	65.7	75.7	65.4	75.4	65.4	75.4
1:00 AM	65.6	75.6	65.7	75.7	65.4	75.4	65.4	75.4
2:00 AM	65.6	75.6	65.7	75.7	65.4	75.4	65.4	75.4
3:00 AM	65.6	75.6	65.7	75.7	65.4	75.4	65.4	75.4
4:00 AM	65.6	75.6	65.7	75.7	65.4	75.4	65.4	75.4
5:00 AM	65.6	75.6	65.7	75.7	65.4	75.4	65.4	75.4
6:00 AM	65.6	75.6	65.7	75.7	65.4	75.4	65.4	75.4
	--	73.8		73.9		73.6		73.6

Crenshaw Blvd between I-105 and 116th St

Time	Existing Leq	Existing CNEL	Existing With Project Leq	Existing With Project CNEL	Future No Project Leq	Future No Project CNEL	Future With Project Leq	Future With Project CNEL
7:00 AM	71.0	71.0	71.0	71.0	71.8	71.8	71.7	71.7
8:00 AM	71.0	71.0	71.0	71.0	71.8	71.8	71.7	71.7
9:00 AM	71.0	71.0	71.0	71.0	71.8	71.8	71.7	71.7
10:00 AM	71.0	71.0	71.0	71.0	71.8	71.8	71.7	71.7
11:00 AM	71.0	71.0	71.0	71.0	71.8	71.8	71.7	71.7
12:00 PM	71.0	71.0	71.0	71.0	71.8	71.8	71.7	71.7
1:00 PM	71.0	71.0	71.0	71.0	71.8	71.8	71.7	71.7
2:00 PM	71.0	71.0	71.0	71.0	71.8	71.8	71.7	71.7
3:00 PM	71.0	71.0	71.0	71.0	71.8	71.8	71.7	71.7
4:00 PM	71.0	71.0	71.0	71.0	71.8	71.8	71.7	71.7
5:00 PM	71.0	71.0	71.0	71.0	71.8	71.8	71.7	71.7
6:00 PM	71.0	71.0	71.0	71.0	71.8	71.8	71.7	71.7
7:00 PM	70.4	75.4	70.4	75.4	71.1	76.1	71.1	76.1
8:00 PM	70.4	75.4	70.4	75.4	71.1	76.1	71.1	76.1
9:00 PM	70.4	75.4	70.4	75.4	71.1	76.1	71.1	76.1
10:00 PM	65.6	75.6	65.6	75.6	66.3	76.3	66.3	76.3
11:00 PM	65.6	75.6	65.6	75.6	66.3	76.3	66.3	76.3
12:00 AM	65.6	75.6	65.6	75.6	66.3	76.3	66.3	76.3
1:00 AM	65.6	75.6	65.6	75.6	66.3	76.3	66.3	76.3
2:00 AM	65.6	75.6	65.6	75.6	66.3	76.3	66.3	76.3
3:00 AM	65.6	75.6	65.6	75.6	66.3	76.3	66.3	76.3
4:00 AM	65.6	75.6	65.6	75.6	66.3	76.3	66.3	76.3
5:00 AM	65.6	75.6	65.6	75.6	66.3	76.3	66.3	76.3
6:00 AM	65.6	75.6	65.6	75.6	66.3	76.3	66.3	76.3
	--	73.9		73.8		74.6		74.5

	Location	Use	CNEL Existing	Exist with Projec	Future	uture with Project
1	Market St between Florence Ave and Regent St	Commercial	68.3	68.4	68.5	68.5
2	Florence Ave between Ash Ave and Oak st	Res/Comm	73.9	74.2	73.9	74.3
3	La Cienega between Florence and Manchester	Commercial	75.0	75.8	75.3	75.8
4	Florence Ave between Hindry Ave and Glassgow Ave	Commercial	74.9	74.9	74.2	74.1
5	Market St between Queen St and Manchester St	Commercial	69.4	69.5	71.7	71.6
6	Manchester Blvd between Hindry Ave and Glassgow Ave	Commercial	68.2	68.0	69.4	68.4
7	Manchester between Blvd Ash Ave and Oak st	Commercial	73.2	73.3	73.1	73.2
8	Aviation beween Manchester and Arbor Vitae	Commercial	72.3	72.4	72.9	72.9
9	Arbor Vitae St between Isis Ave and Hindry Pl	Res/Comm	71.9	71.8	73.8	73.8
10	Century Blvd between Prairie Ave and Doty Ave	Commercial	74.0	74.1	74.4	74.4
11	Century Blvd between Doty Ave and Yukon Ave	Commercial	73.8	73.9	74.2	74.3
12	104th St between Prairie Ave and Doty Ave	Residential	55.5	56.1	59.3	59.6
13	104th St between Doty Ave and Yukon Ave	Residential	54.9	55.9	57.2	57.1
14	Crenshaw Blvd between Imperial Hwy and 113 th St	Commercial	74.9	74.9	75.3	75.3
15	Imperial Hwy between Cherry and Dehn	Res/Comm	72.6	72.6	72.5	72.4
16	Imperial Hwy between Casimir and Van Ness	Residential	73.8	73.9	73.6	73.6
17	Crenshaw Blvd between I-105 and 116th St	Residential	73.9	73.8	74.6	74.5
			54.9	55.9	57.2	57.1
			75.0	75.8	75.3	75.8