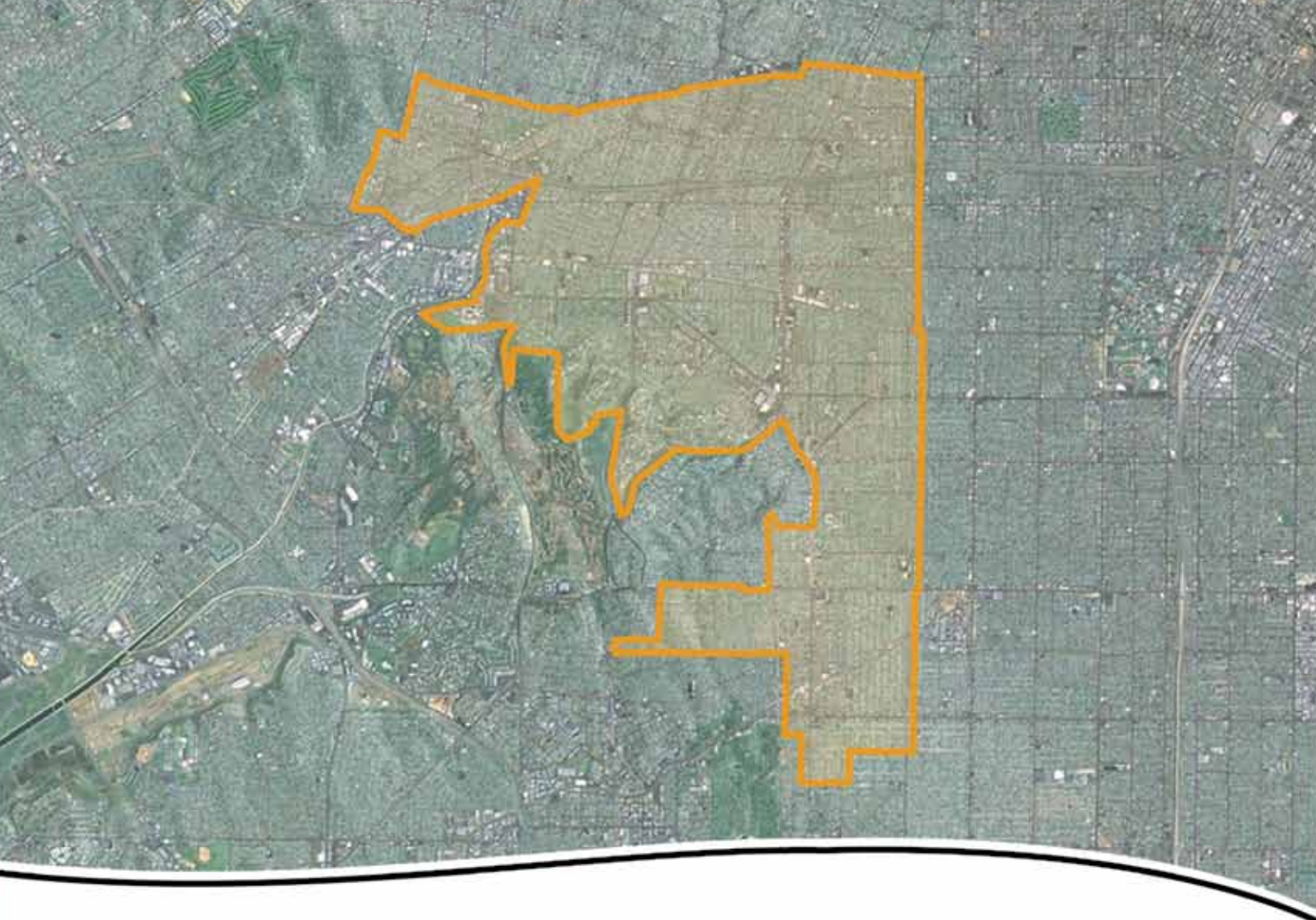


## **Appendix G**

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### **West Adams Traffic Impacts and Mitigation Program (TIMP)**



**NEW COMMUNITY PLAN PROGRAM  
WEST ADAMS - BALDWIN HILLS - LEIMERT  
COMMUNITY PLAN AREA**

***DRAFT TRANSPORTATION IMPROVEMENT AND MITIGATION PROGRAM***

**PREPARED FOR:**

Los Angeles Department of City Planning  
Los Angeles Department of Transportation

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## TABLE OF CONTENTS

<b>EXECUTIVE SUMMARY .....</b>	<b>i</b>
Proposed Transportation and Improvement Mitigation Program .....	i
<i>Proposed Public Transit Improvements</i> .....	<i>i</i>
<i>Residential Neighborhood Traffic Management Plans</i> .....	<i>i</i>
<i>Transportation Systems Management Strategies</i> .....	<i>ii</i>
<i>Bicycle Facility Improvements</i> .....	<i>ii</i>
<i>Highway Infrastructure Improvements</i> .....	<i>ii</i>
<i>Street System Classification Changes</i> .....	<i>ii</i>
<i>Transportation Demand Management Program</i> .....	<i>iii</i>
Year 2030 Traffic Conditions with Proposed TIMP .....	iv
<b>CHAPTER 1. INTRODUCTION.....</b>	<b>1</b>
1.1 Community Profile and Socioeconomic Forecasts .....	1
1.1.1 <i>Community Profile</i> .....	1
1.1.2 <i>Socioeconomic Data</i> .....	2
1.2 Study Approach .....	2
1.2.1 <i>Level of Service Methodology</i> .....	2
1.2.2 <i>Significant Impact Criteria</i> .....	3
1.2.3 <i>Cumulative Impacts</i> .....	3
1.2.4 <i>Project-Related Impacts</i> .....	3
1.3 Organization of the Report.....	3
<b>CHAPTER 2. EXISTING CONDITIONS.....</b>	<b>9</b>
2.1 Environmental Setting.....	9
2.2 Existing Highway System .....	9
2.2.1 <i>Freeways</i> .....	9
2.2.2 <i>Major Highways</i> .....	9
2.2.3 <i>Secondary Roadways</i> .....	9
2.3 Existing Public Transit System .....	10
2.3.1 <i>Future Light Rail Transit</i> .....	13
2.4 Existing Bicycle System.....	13
2.5 Existing Socioeconomic Data .....	14
2.6 Existing Transportation Conditions.....	15
<b>CHAPTER 3. TRAVEL MODEL DEVELOPMENT .....</b>	<b>20</b>
3.1 Overview of Model Development.....	20
3.2 Summary of Static Model Validation.....	20
3.3 Summary of Dynamic Model Validation.....	20
3.4 Implementation .....	21
<b>CHAPTER 4. REGIONAL PLANS AND SPECIFIC PLANS AFFECTING TRANSPORTATION SYSTEM IN CPA .....</b>	<b>23</b>
4.1 Regional Transportation Improvement Plans .....	23
4.2 Specific Plan and Supplemental Use Districts Affecting TIMP.....	23
4.3 Programmed and Planned Transportation System Improvements .....	24
4.3.1 <i>Programmed Improvements</i> .....	24
4.3.2 <i>Planned Regional Improvements</i> .....	24
<b>CHAPTER 5. PROPOSED TRANSPORTATION IMPROVEMENT AND MITIGATION PROGRAM..</b>	<b>26</b>
5.1 Proposed TIMP Bicycle Facility Improvements, Bicycle & Pedestrian Policies .....	26
5.1.1 <i>Bicycle Policies</i> .....	27
5.1.2 <i>Pedestrian Policies</i> .....	27

5.2	Transportation Demand Management Program.....	28
	5.2.1 Recommended TDM Strategies to be considered as Part of a TDM Program .....	28
5.3	Residential Neighborhood Traffic Management Plans .....	30
	5.3.1 Existing Problems.....	30
	5.3.2 Identification of Problem.....	31
	5.3.3 Traffic Control Measures .....	31
	5.3.4 Implementation of Neighborhood Traffic Management Plans.....	31
5.4	Proposed Transportation Systems Management Strategies.....	32
5.5	Proposed Highway Infrastructure Improvements .....	32
5.6	Street System Classification Changes .....	33
	5.6.1 Reclassifications.....	33
	5.6.2 Vacations/Closures.....	33
5.7	Proposed Public Transit Improvements & Policies.....	34
5.9	Parking Policies .....	35
<b>CHAPTER 6. YEAR 2030 TRAFFIC CONDITIONS WITH PROPOSED TIMP.....</b>		<b>38</b>
6.1	Estimation of Trip Reductions.....	38
6.2	Year 2030 Traffic Volumes Without and With Proposed TIMP .....	38
6.3	Roadway Segment Level of Service Analysis .....	39
	6.3.1 2008 and 2030 Conditions without TIMP .....	39
	6.3.2 2030 Conditions with TIMP.....	40
	6.3.3 Significance Criterion.....	40
6.4	Vehicle Miles of Travel Analysis .....	41
6.5	West Adams - Baldwin Hills - Leimert Park Proposed TIMP .....	41
<b>CHAPTER 7. CONGESTION MANAGEMENT PROGRAM ANALYSIS.....</b>		<b>44</b>
7.1	CMP Thresholds of Significance .....	44
7.2	CMP Analysis .....	44
7.3	CMP Transit Analysis .....	45

## APPENDICES

Appendix A: Exhibits of Generalized Street Cross Sections

Appendix B: Existing Street Inventory

Appendix C: Model Development Report

Appendix D: Bicycle Facility Improvement Alternatives in West Adams-Baldwin Hills-Leimert CPA

Appendix E: City of Los Angeles TDM Ordinance

Appendix F: Roadway Segment Level of Service Tables

Appendix G: Congestion Management Program Analysis

Appendix H: Street System Reclassifications

## LIST OF FIGURES

Figure 1-1: West Adams-Baldwin Hills-Leimert CPA Location .....	5
Figure 2-1: Study Area Roadway Network.....	16
Figure 2-2: Existing Public Transit System .....	17
Figure 2-3: Existing Bicycle Facilities.....	18
Figure 5-2: Toolbox of Neighborhood Control Devices.....	36
Figure 5-3: Citywide Bicycle Plan .....	37

## LIST OF TABLES

Table ES-1: Summary of AM Peak Hour Roadway Segment Levels Of Service .....	v
Table ES-2: Summary of PM Peak Hour Roadway Segment Levels Of Service .....	vi
Table 1-1: Socioeconomic Projections for West Adams-Baldwin Hills-Leimert CPA .....	6
Table 1-2: Roadway Segment Level of Service Definitions.....	7
Table 1-3: Link Capacities by Facility Type .....	8
Table 2-1: Existing Socioeconomic Data for West Adams-Baldwin Hills-Leimert CPA.....	15
Table 2-2: Summary of AM and PM Peak Hour Roadway Operating Conditions .....	19
Table 3-1: Summary of Year 2005 and Year 2008 Traffic Count Comparison.....	22
Table 6-1: Summary of AM Peak Hour Roadway Segment Levels Of Service .....	42
Table 6-2: Summary of PM Peak Hour Roadway Segment Levels Of Service .....	43
Table 7-1: CMP Freeway Segment Level Of Service Definitions .....	45

## LIST OF ACRONYMS

Adaptive Traffic Control System (ATCS)  
Automated Traffic Surveillance and Control (ATSAC)  
Americans with Disabilities Act (ADA)  
California Department of Transportation (Caltrans)  
Call for Projects (CFP)  
Capital Improvement Program (CIP)  
Central Business District (CBD)  
Community Plan Area (CPA)  
Community Plan Implementation Overlay (CPIO)  
Congestion Management Program (CMP)  
Demand-to-capacity (D/C)  
Downtown Area Shuttle (DASH)  
Guaranteed Ride Home (GRH)  
High-occupancy vehicle (HOV)  
Interstate 10 (I-10)  
Level of service (LOS)  
Long Range Transportation Plan (LRTP)  
Los Angeles County Metropolitan Transportation Authority (Metro)  
Los Angeles County Strategic Plan Project (LACSP)  
Los Angeles Department of City Planning (LADCP)  
Los Angeles Department of Transportation (LADOT)  
Los Angeles Municipal Code (LAMC)  
New Community Plan (NCP)  
Regional Transportation Improvement Plan (RTIP)  
Regional Transportation Plan (RTP)  
Right-of-way (ROW)  
Southern California Association of Governments (SCAG)  
Specific Plan (SP)

Statewide Transportation Improvement Program (STIP)

Traffic Analysis Zone (TAZ)

Transit-Oriented Development (TOD)

Transportation Demand Management (TDM)

Transportation Improvement and Mitigation Program (TIMP)

Transportation Information Center (TIC)

Transportation Management Association (TMA)

Transportation Systems Management (TSM)

Travel Demand Forecasting (TDF)

University of California Los Angeles (UCLA)

Vehicles per hour per lane (vphpl)

Volume-to-capacity (V/C)



## **EXECUTIVE SUMMARY**

The proposed Transportation Improvement and Mitigation Program (TIMP) for the West Adams-Baldwin Hills-Leimert New Community Plan (NCP) identifies transportation programs needed to accommodate land use patterns/densities and population and employment growth anticipated under the NCP, and the resultant increase in vehicle trips projected by the Year 2030. Transportation programs considered include plans and strategies for public transit improvements, bicycle improvements, transportation demand management (TDM), residential neighborhood traffic management, transportation systems management (TSM), highway and street infrastructure improvements, and street system classification changes.

### **PROPOSED TRANSPORTATION AND IMPROVEMENT MITIGATION PROGRAM**

The major elements of the proposed West Adams-Baldwin Hills-Leimert TIMP are listed below (the TIMP components are described further in Chapter 3 of this report).

#### ***Proposed Public Transit Improvements***

The following public transit improvements are proposed as part of the West Adams-Baldwin Hills-Leimert Community Plan Area (CPA) to encourage and facilitate transit ridership:

- Encourage bus stop/bus station upgrades at all Metro Local and Metro Rapid bus stops located in the Plan area including bus shelters with a seating option, lighting, trash receptacles, and transit information. Transit information includes a route map and timetable for each transit line stopping at the stop as well as an electronic display of “next bus” information.
- Encourage development of enhanced crosswalks and pedestrian facilities at all intersections adjacent to existing and future Metro Local and Metro Rapid bus stops and future light rail stops along the Crenshaw corridor and Exposition Railroad right-of-way as discussed in Section 2.3.
- Basic amenities such as coffee shops, sundries and newsstands at transit locations with high ridership and frequent service.
- Close or vacate a section of Exposition Boulevard (approximately 200 feet) east from its current terminus at La Brea Avenue. This segment is proposed for closure, or vacation, to create a more pedestrian-friendly environment adjacent to the Exposition Light Rail Transit Line station at La Brea Avenue. No street reclassification is required in order to process a vacation.

#### ***Residential Neighborhood Traffic Management Plans***

- Establish an outreach/public participation program to identify problems and both develop and implement neighborhood traffic management plans.
- Establish a monitoring program to ensure that the goals of the neighborhood traffic management plans are being met.

### **Transportation Systems Management Strategies**

- Implement City's Adaptive Traffic Control System (ATCS) at all of the signalized intersections along all major and secondary arterial travel corridors within the CPA, including integration of the various ATCS sub-systems present in the area.
- Identify and implement localized intersection improvements as warranted and feasible.

### **Bicycle Facility Improvements**

Implement the following bicycle facility improvement scenario based on the proposed corridor segments outlined in the *2010 City of Los Angeles Bicycle Plan*<sup>1</sup> (the corridor segments are illustrated on Figure 5-1 on page 33. Further analysis of the select corridor segments resulting in roadway capacity changes are discussed in Chapter 5 and outlined in Appendix D):

- Bike lanes along select corridor segments identified in the *Bicycle Plan* in the West Adams-Baldwin Hills-Leimert CPA (the select identified corridor segments are located along portions of Crenshaw Boulevard, La Cienega Boulevard, Fairfax Avenue, Redondo Boulevard, Arlington Avenue, Venice Boulevard, Rodeo Road, Martin Luther King, Jr. Boulevard, 54<sup>th</sup> Street and 76<sup>th</sup> Street). The *Bicycle Plan* outlines a 5-year implementation strategy that focuses on initiating at least 200 miles of bike facilities every five years. The 5-year strategy and its associated EIR will act as the tool for implementing the facilities in the West Adams – Baldwin Hills – Leimert Park Community Plan area.

### **Highway Infrastructure Improvements**

- Continue implementation of Los Angeles Municipal Code (LAMC) 12.37 to require right-of-way dedication along streets that are not fully dedicated and improved as properties redevelop with ability to waive dedication/improvement when the project involves conservation of existing corridor resource(s).

### **Street System Classification Changes**

- Change the classification of the following street segments in keeping with the role of the street in the circulation system. See Appendix H for the detailed inventory of modified street standards.
- The following roadway segment should be temporarily closed or permanently vacated from the West Adams-Baldwin Hills-Leimert Community Plan circulation plan:

Exposition Boulevard from La Brea Avenue to Rimpau Boulevard – Close or vacate a section of Exposition Boulevard (approximately 200 feet) east from its current terminus at La Brea Avenue. This segment is being proposed for closure or vacation to create a more pedestrian-friendly environment adjacent to the Exposition Light Rail Transit Line station at La Brea Avenue. No street reclassification is required in order to process the vacation.

- Other street system classification modifications in order to prioritize public realm improvements as outlined in the Community Plan Implementation Overlay (CPIO) sub districts and Specific Plan (SP) amendments.

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<sup>1</sup> City of Los Angeles Department of City Planning, June 2010.

### **Transportation Demand Management Program**

The Citywide Ordinance on Transportation Demand Management and Trip Reduction Measures (Ordinance No. 168,700) will continue to be implemented in the West Adams-Baldwin Hills-Leimert TIMP CPA. This Ordinance calls for several measures to be taken by non-residential developments to achieve the necessary trip reduction targets. LADOT is responsible for monitoring the current Citywide TDM Ordinance attached in Appendix E.

In addition to TDM strategies required as part of the citywide ordinance, the following TDM strategies are recommended as part of a specific TDM program for the West Adams-Baldwin Hills-Leimert TIMP:

- Area-Wide Transportation Management Association – An area-wide Transportation Management Association (TMA) would manage a TDM program for a larger community or group of developments in close proximity to one another. The TMA would be in charge of implementing the strategies below on a larger scale and would be run by a TDM coordinator.
- Bicycle Facilities – Commuter bicycle facilities such as secure bicycle parking (short-term and long-term bike racks and lockers), and shower and personal locker facilities help reduce peak period and daily automobile trips to-and-from project sites.
- Integrated Mobility Hubs – Integrated Mobility Hubs are envisioned as a requisite part of fixed rail transit stations in support of extending the accessibility of those new stations beyond the traditional one-half mile radius that is comfortable for pedestrian access. These hubs implement the concept of “first/last mile” access utilizing the integration of local shuttle buses, shared cars, and shared bicycles as means for extending the utility and patronage of the transit stations. Information kiosks to provide both commuters and visitors real-time information on access options and services are also an important part of Integrated Mobility Hubs. Similarly, these Hubs can be implemented at major employment sites to support daytime transportation needs of commuters, thus minimizing the need for use of the car at the work site, encouraging ridesharing, and providing secure bike parking, complementary storage and coordination of the access modes originating at the Integrated Mobility Hub.
- Provide Pedestrian Network Improvements – Providing a complete pedestrian access network encourages people to walk and/or take transit instead of drive. Physical barriers such as walls, landscaping, and slopes that impede pedestrian circulation could be eliminated.
- Flexible Work Hours – Also known as flextime, this strategy gives employees the option of shifting their daily arrival and departure times to off-peak hours. This spreads out the arrival and departure of employees and shifts vehicle trips to non-peak hours.
- Telecommuting – Telecommuting provides an alternative to home-to-work vehicle trips. The City should encourage incorporation of new technologies supporting telecommuting (e.g., broadband, teleconferencing equipment) into new office and residential developments. Telecommuting measures could be used by non-residential developers toward compliance with the Citywide TDM Ordinance.
- Transportation Information Center (TIC) – A TIC is a centrally-located commuter information center where employees could obtain information regarding commute programs and obtain real-time information for planning travel without using an automobile. A TIC typically provides information about transit schedules, commute planning, ridesharing, telecommuting, bicycle and pedestrian routes and facilities, on-site services, and local-serving businesses. Alternatively, this could be developed online.

## **YEAR 2030 TRAFFIC CONDITIONS WITH PROPOSED TIMP**

Tables ES-1 and ES-2 summarize the roadway segment level of service (LOS) analysis conducted to evaluate the effectiveness of the proposed TIMP in the AM and PM peak hours, respectively. The roadway system is considered to be significantly impacted by traffic generated as a result of future development under the proposed West Adams-Baldwin Hills-Leimert NCP if one or both of the following criteria are met:

- The average volume-to-capacity (V/C) ratio under projected Year 2030 NCP land use plan for all of the analyzed roadway segments, weighted by volume, is greater than that under existing (Year 2008) conditions (i.e., existing conditions without the NCP project); or
- The number of roadway segments projected to operate at unsatisfactory levels of service (i.e., LOS E or F) under Year 2030 NCP land use plan is greater than the number under existing (Year 2008) conditions.

For the purposes of evaluating the significant impacts based on the above criteria, the analyzed roadway segments include freeways, major highways, secondary highways, and collector streets within the West Adams-Baldwin Hills-Leimert CPA.

As indicated in Tables ES-1 and ES-2, 57 of 508 segments were estimated to operate under unsatisfactory conditions (LOS E or F) during the AM peak hour and 53 of 508 segments were estimated to operate under unsatisfactory conditions (LOS E or F) during the PM peak hour under existing (Year 2008) conditions. Under the Year 2030 NCP land use plan, the number of segments operating under unsatisfactory conditions is projected to increase to 78, a 37% increase, in the AM peak hour and 101, a 91% increase, in the PM peak hour, indicating that the NCP project, without implementation of TIMP improvements, would have a significant impact on the roadway system.

With implementation of the proposed West Adams-Baldwin Hills-Leimert TIMP on the Year 2030 NCP land use plan, the number of segments projected to operate under unsatisfactory conditions and the weighted average V/C ratio for all of the analyzed link segments within the West Adams-Baldwin Hills-Leimert CPA are projected to remain higher than under existing (Year 2008) conditions.

Therefore, the proposed TIMP would not be effective in improving overall operating conditions over existing (Year 2008) conditions as measured by average V/C ratio and the number of segments at LOS E or F, and thus the TIMP would not mitigate the significant impacts of the NCP project per these vehicle-oriented significance criteria. However, the TIMP includes many beneficial elements aimed to encourage alternative modes of travel, such as the creation of more pedestrian friendly environments around transit stations and the provision of bicycle facilities along major corridors.

**TABLE ES-1: SUMMARY OF AM PEAK HOUR ROADWAY SEGMENT LEVELS OF SERVICE**

Scenario	Number of Segments <sup>1</sup> Operating at:				Weighted Average V/C Ratio (all segments*)	Vehicle Miles of Travel
	LOS D or better	LOS E	LOS F	Unsatisfactory LOS (E or F)		
Year 2008 Existing Conditions	451	21	36	57	0.719	240,118
Year 2030 Current Plan	432	37	39	76	0.746	270,629
Year 2030 NCP (Proposed TOD Plan with 4Ds <sup>2</sup> )	430	38	40	78	0.756	277,905
<b>Proposed West Adams TIMP</b>						
Year 2030 NCP with TIMP <sup>2</sup>	419	37	52	89	0.762	275,265

Note:

1. Segments include major highways, secondary highways, and collector streets within CPA.
2. See Chapter 6 for further description.

**TABLE ES-2: SUMMARY OF PM PEAK HOUR ROADWAY SEGMENT LEVELS OF SERVICE**

Scenario	Number of Segments <sup>1</sup> Operating at:				Weighted Average V/C Ratio (all segments*)	Vehicle Miles of Travel
	LOS D or better	LOS E	LOS F	Unsatisfactory LOS (E or F)		
Year 2008 Existing Conditions	455	19	34	<b>53</b>	0.720	258,254
Year 2030 Current Plan	425	38	45	83	0.764	289,602
Year 2030 NCP (Proposed TOD Plan with 4Ds <sup>2</sup> )	407	47	54	<b>101</b>	0.793	303,704
<b>Proposed West Adams TIMP</b>						
Year 2030 NCP with TIMP <sup>2</sup>	397	43	68	<b>111</b>	0.802	300,345

Note:

1. Segments include major highways, secondary highways, and collector streets within CPA.
2. See Chapter 6 for further description.

## CHAPTER 1. INTRODUCTION

The proposed Transportation Improvement and Mitigation Program (TIMP) for the West Adams-Baldwin Hills-Leimert New Community Plan (NCP) identifies transportation programs needed to accommodate anticipated land use patterns/densities and population growth anticipated under the NCP, and the resultant increase in vehicle trips projected by the Year 2030. The following three land use scenarios were analyzed as part of this process:

- Year 2008 Existing Conditions – The existing land use (base land use scenario used for comparison purposes)
- Year 2030 Current Plan – The current community plan land use (for informational purposes)
- Year 2030 Proposed Transit-Oriented Development (TOD) Plan – The proposed community plan updated with land use concentrated along major corridors and around proposed transit stations (also referred to as Year 2030 NCP [Proposed TOD Plan with 4Ds])

Transportation programs considered include plans and strategies for public transit improvements, bicycle improvements, transportation demand management (TDM), residential neighborhood traffic management, transportation systems management (TSM), highway and street infrastructure improvements, and street system classification changes.

### 1.1 COMMUNITY PROFILE AND SOCIOECONOMIC FORECASTS

#### 1.1.1 Community Profile

The West Adams-Baldwin Hills-Leimert Community Plan Area (CPA) is located in the southern portion of Los Angeles, generally bounded by Venice Boulevard and the Wilshire CPA to the north, Arlington Avenue and the South Los Angeles CPA to the east, 79<sup>th</sup> Street to the south, and the Kenneth Hahn State Recreation Area and the West Los Angeles CPA to the west. Figure 1-1 illustrates the location of the West Adams-Baldwin Hills-Leimert CPA.

Much of the CPA is comprised of single and multiple family residential uses. Neighborhood or community-serving commercial uses are present along portions of major corridors such as Crenshaw Boulevard, Adams Boulevard, and Venice Boulevard, among others. Light industrial uses are present along portions of major corridors such as Washington Boulevard and Jefferson Boulevard, among others. The Rancho Cienega Sports Center, Baldwin Hills Recreation Center, and Jim Gilliam Recreation Center are located in the CPA to the northeast of the Kenneth Hahn State Recreation Area. Kaiser Permanente West Los Angeles Medical Center is located between La Cienega Boulevard and Venice Boulevard along Cadillac Avenue in the northwest corner of the CPA. Dorsey High School and Crenshaw High School are also within the CPA.

The street pattern in much of the West Adams-Baldwin Hills-Leimert CPA is a grid, with curvilinear streets adjacent to Kenneth Hahn State Recreation Area due to the topography of the area. The angle of the grid street pattern shifts north of Adams Boulevard to match the angle of the Wilshire CPA grid system. Topographic influences include Ballona Channel, the I-10 freeway, and Kenneth Hahn State Recreation Area. Major north-south roadways within the West Adams-Baldwin Hills-Leimert CPA include La Cienega Boulevard, Fairfax Avenue, La Brea Avenue, Crenshaw Boulevard, and Leimert Boulevard, among others. Major east-west roadways serving the CPA include Pico Boulevard, Venice Boulevard, Washington Boulevard, Adams Boulevard, Jefferson Boulevard, Rodeo Road, Martin Luther King, Jr. Boulevard, Stocker Street, Slauson Avenue, and Florence Avenue, among others. The I-10 freeway runs east-west in the northern portion of the CPA.

### **1.1.2 Socioeconomic Data**

Table 1-1 shows a comparison of existing (Year 2008) and Year 2030 forecast population, household, and employment estimates. This data was provided by the City of Los Angeles Department of City Planning and was incorporated into the Southern California Association of Governments (SCAG) 2004 Regional Transportation Plan (RTP) model socioeconomic forecasts since the travel demand model used in development of the TIMP relied on the SCAG RTP regional model data.

As indicated in Table 1-1 on page 6, the West Adams-Baldwin Hills-Leimert CPA had a population of about 182,600 in approximately 66,415 households in 2008. Population could increase under the preferred Year 2030 NCP land use plan by about 20% over the 22-year period, equivalent to about 0.8% per year. Total housing units could increase by about 37%, a growth rate of approximately 1.5% per year. An estimated 44,800 persons were employed in the CPA in 2008, and employment is projected to increase by about 19% by the Year 2030, an annual growth rate of 0.8%.

## **1.2 STUDY APPROACH**

The proposed TIMP examines potential traffic impacts on the street and highway system of projected growth associated with the West Adams-Baldwin Hills-Leimert NCP project. The projected horizon year for this study is 2030. To evaluate potential effects of traffic impacts that might occur in the West Adams-Baldwin Hills-Leimert CPA, traffic generated by the projected Year 2030 development within the CPA (defined by the land use/socioeconomic data provided by the City of Los Angeles Planning Department [LADCP]) was estimated and compared with existing conditions. The Year 2030 NCP land use plan defines the "project," the impacts of which are to be mitigated by the TIMP.

The following sections present a description of the methodology used to analyze traffic conditions and to determine significant impacts.

### **1.2.1 Level of Service Methodology**

Level of service (LOS) is a qualitative measure used to describe the condition of traffic flow, ranging from excellent conditions at LOS A to overloaded conditions at LOS F. Level of service definitions for street segments are summarized in Table 1-2 on page 7. The Los Angeles Department of Transportation (LADOT) has established LOS D as a minimum satisfactory level of service. Levels of service can be determined by dividing demand volume by capacity, and the resulting volume-to-capacity (V/C) ratio is then used to obtain the corresponding level of service. The capacity values for the analyzed roadway segments are obtained by multiplying the per lane capacity by facility type shown in Table 1-3 on page 8 by the number of mid-block through lanes along the subject segments. For locations where the City of Los Angeles' Automated Traffic Surveillance and Control (ATSAC) system is present, the major and secondary highway capacities shown in Table 1-3 are increased by 7%, as per LADOT. For locations where both ATSAC and the City's Adaptive Traffic Control System (ATCS) are present, the major and secondary highway capacities shown in Table 1-3 are increased by 10%, as per LADOT. All major and secondary highway analyzed roadway segments were assumed to have ATSAC under existing conditions and all analyzed roadway segments along Vernon Avenue, Crenshaw Boulevard south of Vernon Avenue, and Florence Avenue were assumed to have ATSAC and ATCS under existing conditions, as per LADOT. Under Year 2030 conditions, all major and secondary highway analyzed roadway segments were assumed to have ATSAC and ATCS, as per LADOT.

Land use plans that involve large areas and are not expected to be fully implemented until Year 2030 or beyond (such as community plan updates) are not analyzed effectively by detailed intersection V/C analyses. In this case, roadway segment analysis is sufficient to determine the service capacity of the roadway network within the community.



### **1.2.2 Significant Impact Criteria**

The roadway system is considered to be significantly impacted by traffic generated as a result of future development under the proposed West Adams-Baldwin Hills-Leimert NCP if one or both of the following criteria are met:

- The average V/C ratio under projected Year 2030 NCP land use plan for all of the analyzed roadway segments, weighted by volume, is greater than that under existing (Year 2008) conditions (i.e., existing conditions without the NCP project); or
- The number of roadway segments projected to operate at unsatisfactory levels of service (i.e., LOS E or F) under Year 2030 NCP land use plan is greater than the number under existing (Year 2008) conditions.

For the purposes of evaluating the significant impacts based on the above criteria, the analyzed roadway segments include freeways, major highways, secondary highways, and collector streets within the West Adams-Baldwin Hills-Leimert CPA.

### **1.2.3 Cumulative Impacts**

Cumulative impacts are the impacts attributable to cumulative traffic growth (including all regional traffic growth), in addition to project traffic, that would occur from the study base year (2008) to the Year 2030 horizon year. The significant impact criteria described above will be used to determine the cumulative impacts of the future development under the proposed West Adams-Baldwin Hills-Leimert NCP.

### **1.2.4 Project-Related Impacts**

Evaluation of the project-related traffic involves estimation of the magnitude of traffic that will be generated by land use growth under the West Adams-Baldwin Hills-Leimert NCP project and distribution of this traffic onto the surrounding system.

Individual project-related traffic impacts are impacts caused by traffic generated as a result of future development in the study area. Project-related traffic impacts are not evaluated as part of this study

## **1.3 ORGANIZATION OF THE REPORT**

This report constitutes the proposed Transportation Improvement and Mitigation Program document for the West Adams-Baldwin Hills-Leimert New Community Plan project. The report summarizes the proposed TIMP developed for the NCP study area and evaluates the effects of the proposed TIMP on Year 2030 traffic conditions with the Year 2030 NCP land use plan.

Chapter 2 presents the existing transportation system serving the West Adams-Baldwin Hills-Leimert CPA including an inventory of the roadway system, public transit system, and bicycle transportation system.

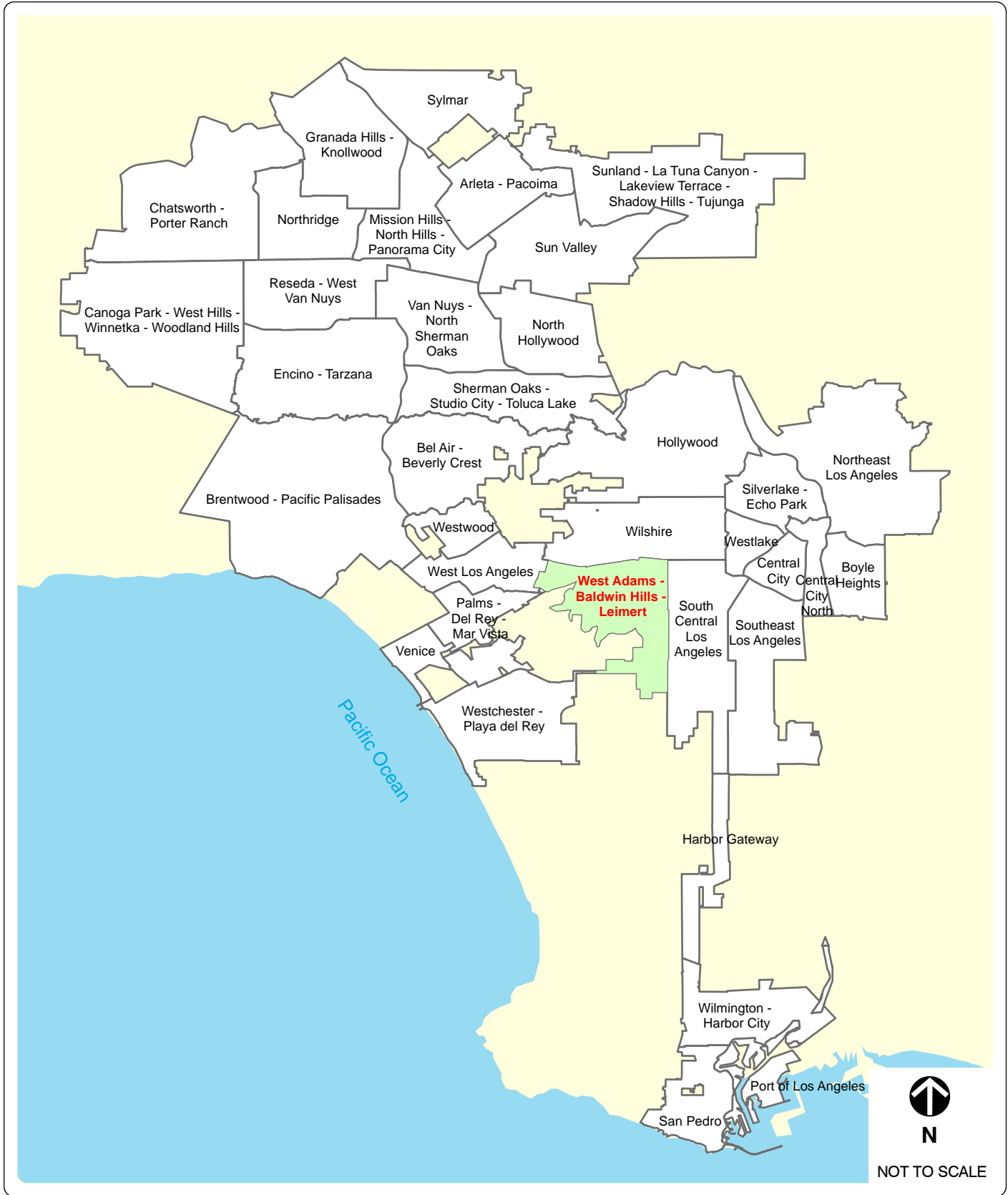
Chapter 3 provides an overview of the development and validation of the travel demand forecasting model used to forecast future travel patterns within and around the West Adams-Baldwin Hills-Leimert CPA.

Chapter 4 provides background setting information regarding regional plans and specific plans that affect the transportation system within the West Adams-Baldwin Hills-Leimert CPA and describes various transportation improvements already programmed or planned in and near the West Adams-Baldwin Hills-Leimert CPA.

Chapter 5 provides a description of the various transportation improvements included in the proposed West Adams-Baldwin Hills-Leimert NCP TIMP. The TIMP recommendations include three bicycle facility improvement scenarios (Appendix D), TSM measures, street system improvements and classification changes, TDM strategies, and neighborhood traffic management plans.

Chapter 6 presents the traffic conditions for various scenarios, namely Existing (Year 2008), Year 2030 Current Plan, and the Year 2030 NCP (Proposed TOD land use plan), with trip reductions associated with the 4Ds built environment variables. Comparison of the forecasts, identification of significant impacts, and evaluation of traffic conditions with the implementation of the proposed TIMP on the Year 2030 NCP land use plan are also provided in Chapter 6. This includes an assessment of the effectiveness of the TIMP as well as that of the three proposed bicycle facility improvement scenarios.

Chapter 7 presents the Congestion Management Program (CMP) analysis for each Year 2030 TIMP scenario compared to existing conditions.



**TABLE 1-1: SOCIOECONOMIC PROJECTIONS FOR WEST ADAMS-BALDWIN HILLS-LEIMERT CPA**

Socioeconomic Data	Existing (Year 2008)	Year 2030 Current Plan			Year 2030 NCP (Proposed TOD Plan with 4Ds)		
		Total	Absolute Change	% Per Year	Total	Absolute Change	% Per Year
Population	182,600	206,521	24,121	0.5%	218,741	36,341	0.8%
Households	66,415	81,307	18,406	1.2%	86,118	23,217	1.5%
Employment	44,779	49,219	4,440	0.4%	53,113	8,334	0.8%

Source: Data provided by City of Los Angeles Department of City Planning, August 2009.

**TABLE 1-2: ROADWAY SEGMENT LEVEL OF SERVICE DEFINITIONS**

Level of Service	Definition [a]	Description [b]
A	$V/C \leq 0.6$	Describes primarily free flow-operations at average travel speeds usually about 90 percent of the free flow speed for the arterial class. Vehicles are completely unimpeded in their ability to maneuver within the traffic stream. Stopped delay at signalized intersections is minimal.
B	$0.6 < V/C \leq 0.7$	Represents reasonably unimpeded operations at average travel speeds usually about 70 percent of the free flow speed for the arterial class. The ability to maneuver within the traffic stream is only slightly restricted and stopped delays are not bothersome.
C	$0.7 < V/C \leq 0.8$	Represents stable operations. However, ability to maneuver and change lanes in midblock locations may be more restricted than in LOS B, and longer queues and/or adverse signal coordination may contribute to lower average travel speeds of about 50 percent of the average free flow speed for the arterial class.
D	$0.8 < V/C \leq 0.9$	Borders on a range on which small increases in flow may cause substantial increases in approach delay and, hence, decreases in arterial speed. This may be due to adverse signal progression, inappropriate signal timing, high volumes, or some combination of these. Average travel speeds are about 40 percent of free flow speed.
E	$0.9 < V/C \leq 1.0$	Is characterized by significant approach delays and average travel speeds of one-third the free flow speed or lower. Such operations are caused by some combination of adverse progression, high signal density, extensive queuing at critical intersections, and inappropriate signal timing.
F	$V/C > 1.0$	Characterizes arterial flow at extremely low speeds below one-third to one-quarter of the free flow speed. Intersection congestion is likely at critical signalized locations, with high approach delays resulting. Adverse progression is frequently a contributor to this condition.

Notes:

- a. Definitions as modified by Los Angeles Department of Transportation.
- b. "Urban and Suburban Arterials," *Highway Capacity Manual* (Transportation Research Board, 1985).

**TABLE 1-3: LINK CAPACITIES BY FACILITY TYPE**

Roadway Classification	Peak Hour Directional Lane Capacity (Vehicles per hour per lane)
Freeway	2,200
Major Highway - Class I	1,000 [a]
Major Highway - Class II	800 [a]
Secondary Highway	700 [a]
Collector Street	600

Note:

- a. For locations where ATSAC is present or is programmed/recommended, the major and secondary highway capacities shown above are increased by 7%, as per LADOT. For locations where both ATSAC and ATCS are present or programmed/recommended, the major and secondary highway capacities shown above are increased by 10%, as per LADOT.

## CHAPTER 2. EXISTING CONDITIONS

This chapter documents the existing transportation conditions for the West Adams-Baldwin Hills-Leimert CPA including an inventory of the roadway system, public transit system, and bicycle transportation system. The data for existing conditions was compiled from information provided by LADOT and the LADCP as well as from field observations.

### 2.1 ENVIRONMENTAL SETTING

The West Adams-Baldwin Hills-Leimert CPA is located approximately seven miles southwest of City of Los Angeles Central Business District (CBD). The community is bounded by Venice Boulevard and Pico Boulevard on the north, Robertson Boulevard and the Cities of Culver City and Inglewood, and the County of Los Angeles on the west, 79<sup>th</sup> Street on the south, and Arlington/Van Ness Avenues on the east.

### 2.2 EXISTING HIGHWAY SYSTEM

The West Adams-Baldwin Hills-Leimert community contains a number of major roadways, including freeways, highways, secondary roads, and collectors. The major facilities of each type found in this community are described below. Figure 2-1 illustrates the roadway network in the West Adams-Baldwin Hills-Leimert CPA. It also shows functional classifications of the roadways.

#### 2.2.1 Freeways

Freeway facilities are high-volume/high-speed roadways with limited access occurring only at grade-separated interchanges. Interstate 10 (I-10) is the sole freeway in the study area and extends east to west through the study area. Outside the study area, I-10 extends west to Santa Monica and east to San Bernardino. Major interchanges are found at Crenshaw Boulevard, La Brea Avenue, Fairfax Avenue, and La Cienega Boulevard.

#### 2.2.2 Major Highways

The study area is bisected by a series of major highways, which run both north-south and east-west. Major highways are generally four- to six-lane facilities designed to provide a high level of mobility primarily to vehicles while providing some level of access to adjacent properties. Major highways in the study area include La Cienega Boulevard, Fairfax Avenue, La Brea Avenue, Crenshaw Boulevard, Washington Boulevard, Adams Boulevard, Martin Luther King, Jr. Boulevard, Leimert Boulevard, Slauson Avenue, and Florence Avenue. Portions of Jefferson Boulevard, Pico Boulevard and Cadillac Avenue are also designated as Major Highways.

#### 2.2.3 Secondary Roadways

Secondary roadways are generally two- to four-lane roadways that supplement the major highways. These roadways are designed to carry some level of traffic while also provide some level of access to adjacent properties. These roadways would be classified as minor arterials in a standard roadways classification scheme. Some of the secondary roadways in the study area include Robertson Boulevard, Venice Boulevard, Redondo Boulevard, Arlington Avenue, Exposition Boulevard, Vernon Avenue, 48<sup>th</sup> Street, 54<sup>th</sup> Street, and Hyde Park Boulevard. Much of Jefferson Boulevard is also designated as a secondary roadway.

#### 2.2.4 Collectors

The network of Major Highways and Secondary Roadways is complemented by an extensive network of collector streets. Some of the collector streets include Rimpau Boulevard, Buckingham Road, West Boulevard, 6<sup>th</sup> Avenue, and 60<sup>th</sup> Avenue.

The City of Los Angeles has adopted generalized cross-sections that represent fully dedicated and improved streets by designation and type. The City Council, however, may by ordinance adopt specific standards for individual streets that differ from these generalized cross-sections. Illustrative cross-sections are shown in Appendix A. In addition, the number of lanes, parking restrictions, and posted speed limits on the classified roadways serving the West Adams-Baldwin Hills-Leimert CPA are shown in Appendix B.

### 2.3 EXISTING PUBLIC TRANSIT SYSTEM

Fixed-route public transportation services in the West Adams-Baldwin Hills-Leimert CPA are currently provided by the Los Angeles County Metropolitan Transportation Authority (Metro), the Commuter Express Line System and LADOT's Downtown Area Shuttle (DASH) System, and the Santa Monica Big Blue Bus System. Figure 2-2 illustrates these public transit routes serving the West Adams-Baldwin Hills-Leimert CPA. The West Adams-Baldwin Hills-Leimert CPA is currently served by 33 Metro bus lines, six LADOT bus lines, and four Santa Monica bus lines. A brief description of these bus lines follows:

- Metro Lines 30/330 and 31 – These bus service routes travel between the Pico-Rimpau Transit Center in the Wilshire CPA and East Los Angeles College. Lines 30 and 31 are local; Line 330 is a limited-stop express service. In the study area, these bus routes travel east and west along Pico Boulevard.
- Metro Lines 33 and 333 – Line 33 provides local service between Santa Monica and Patsaouras Transit Plaza in downtown Los Angeles. Line 333 is a limited-stop service along the same route. In the study area, both lines travel east and west along Venice Boulevard.
- Metro Lines 37 and 38 – Lines 37 and 38 provide local service between the West Los Angeles Transit Center (also known as the Fairfax Transit Hub) and downtown Los Angeles. In the study area, Line 37 travels east and west along Adams Boulevard, and Line 38 travels east and west along Jefferson Boulevard and north and south on Fairfax Avenue between Jefferson Boulevard and the Transit Center.
- Metro Line 40 and Metro Rapid Line 740 – Line 40 is a local bus service route between the South Bay Galleria Transit Center in Redondo Beach and Patsaouras Transit Plaza in downtown Los Angeles. Line 740 is a Metro Rapid bus service that follows the same route. In the study area, both lines travel north and south along Crenshaw Boulevard south of Martin Luther King, Jr. Boulevard and east and west along Martin Luther King, Jr. Boulevard east of Crenshaw Boulevard.
- Metro Line 42 – Line 42 provides local service between Los Angeles International Airport (LAX) and Patsaouras Transit Plaza in downtown Los Angeles. In the study area, this line travels east and west along Stocker Street east of La Brea Boulevard; north and south on Crenshaw Boulevard between Stocker Street and Martin Luther King, Jr. Boulevard; and east and west on Martin Luther King, Jr. Boulevard east of Crenshaw Boulevard.
- Metro Lines 68 and 368 – Line 68 provides local service between the West Los Angeles Transit Center and the Montebello Town Center. Line 368 is a limited-stop service along the same route. In the study area, both lines travel east and west along Washington Boulevard.



- Metro Line 102 – This line provides local service between Baldwin Hills Village and South Gate, with a connection to the Florence Station of the Metro Blue Line. In the study area, Line 102 travels east and west along Coliseum Street and Rodeo Road.
- Metro Line 105 and Metro Rapid Line 705 – Line 105 is a local bus route between West Hollywood and Maywood. Line 705 is a Metro Rapid bus service that follows essentially the same route (Line 105 makes a short detour to Santa Rosalia Drive between Coliseum Street and Martin Luther King, Jr. Boulevard that Line 705 does not duplicate). In the study area, both lines travel north and south along La Cienega Boulevard north of Cadillac Avenue; north and south on Fairfax Avenue between Venice Boulevard and Rodeo Road; east and west on Rodeo Road between Fairfax Avenue and Martin Luther King, Jr. Boulevard; north and south on Crenshaw Boulevard between Martin Luther King, Jr. Boulevard and Vernon Avenue; and east and west on Vernon Avenue east of Crenshaw Boulevard.
- Metro Lines 108 and 358 – Line 108 provides local service between Marina del Rey and Pico Rivera. Line 358 is a limited-stop service along the same route. In the study area, both lines travel east and west along Slauson Avenue.
- Metro Line 110 – This line provides local service between Playa Vista and Bell Gardens. In the study area, Line 110 travels east and west along Hyde Park Boulevard; northeast and southwest along Southwest Drive; and east and west along 62<sup>nd</sup> Street.
- Metro Line 111 and Metro Rapid Line 711 – Line 111 is a local bus route between LAX and Whittier. Line 711 is a Metro Rapid bus service that follows the same route. In the study area, both lines travel east and west along Florence Avenue.
- Metro Line 209 – Line 209 provides local service between the Vermont/I-105 Station of the Metro Green Line in Athens and the Wilshire/Western Station of the Metro Red Line in Wilshire Center. In the study area, this line travels north and south along Arlington and Van Ness Avenues.
- Metro Line 210 and Metro Rapid Line 710 – Line 210 is a local bus service route between the South Bay Galleria in Redondo Beach and the Hollywood/Highland Station of the Metro Red Line in Hollywood. Line 710 is a Metro Rapid bus service that follows the same route. In the study area, both lines travel north and south along Crenshaw Boulevard.
- Metro Lines 212 and 312 – Line 212 provides local service between Hawthorne and Hollywood. Line 312 is a limited-stop service along the same route. In the study area, both lines travel north and south along La Brea Avenue.
- Metro Line 217 – Line 217 provides local service between the West Los Angeles Transit Center and Hollywood. In the study area, this line travels north and south along Fairfax Avenue.
- Metro Line 220 – Line 220 provides local service between Culver City and West Hollywood. In the study area, this line travels north and south along Robertson Boulevard.
- Metro Line 305 – Line 305 provides limited-stop service between Willowbrook and the University of California Los Angeles (UCLA). In the study area, this line travels east and west along San Vicente Boulevard; north and south along Crenshaw Boulevard; and east and west along Vernon Avenue.
- Metro Line 439 – Line 439 provides express service between LAX and Patsaouras Transit Plaza in downtown Los Angeles. In the study area, this line travels north and south on Fairfax Avenue and La Cienega Boulevard south of the Santa Monica Freeway and east and west on the Santa Monica Freeway east of Fairfax Avenue.

- Metro Line 550 – Line 550 provides express service between the San Pedro Peninsula Hospital in San Pedro and West Hollywood. In the study area, this line travels east and west along San Vicente and Venice Boulevards and north and south along Western Avenue south of Venice Boulevard.
- Metro Line 607 – Line 607 provides special local service on a circular loop through Inglewood and Windsor Hills. In the study area, this line travels north and south on West Boulevard between Slauson Avenue and Fairview Boulevard.
- Metro Line 608 – Line 608 provides special local service on a loop through Baldwin Village, Leimert Park, and West Adams. The line runs from La Brea at its westernmost point to Normandie to the west. In the study area, it follows a route along Martin Luther King, Jr. Boulevard and Santa Rosalia Drive to 39<sup>th</sup> Street, 42<sup>nd</sup> Street and 48<sup>th</sup> Street. It travels north and south along Crenshaw Boulevard and 4<sup>th</sup> Avenue.
- Commuter Express Lines 430, 431 and 437 – The LADOT Commuter Express is a limited-stop service. Lines 430, 431 and 437 all go straight to and from the financial district of downtown Los Angeles by way of the 10 Freeway. Line 430 goes to Brentwood and Pacific Palisades, 431 goes to Westwood, and 437 goes to Culver City. In the study area, 430 and 431 travel east and west on the 10 Freeway while Line 437 exits the freeway at Washington and heads southwest toward Culver City.
- LADOT DASH Crenshaw – The DASH Crenshaw provides local service in a loop from La Brea to Crenshaw. In the study area, it follows Martin Luther King, Jr. Boulevard and Coliseum Street on the northern section of the loop and Santa Rosalia on the southern section.
- LADOT DASH Leimert/Slauson – The DASH Leimert/Slauson provides local service in a loop around Leimert Park. In the study area, it travels east and west along Martin Luther King, Jr. Boulevard and 54<sup>th</sup> Street; it travels north and south along Crenshaw Boulevard, Denker Avenue and Vermont Avenue.
- LADOT DASH Midtown – The DASH Midtown provides service over a broad area between the Pico Boulevard at La Brea Avenue and Martin Luther King, Jr. Boulevard at Crenshaw Boulevard. It travels east and west along Pico Boulevard, Washington Boulevard, and Adams Boulevard; north and south along Crenshaw Boulevard, Western Avenue and West Boulevard.
- Santa Monica Big Blue Bus Line 5 – The Big Blue Bus 5 runs from the Rimpau Transit Center at Pico Boulevard and Rimpau Boulevard to downtown Santa Monica. In the study area, it travels east and west along Pico Boulevard.
- Santa Monica Big Blue Bus Line 7 – The Big Blue Bus 7 runs from the Rimpau Transit Center at Pico Boulevard and Rimpau Boulevard to downtown Santa Monica. In the study area, it travels east and west along Pico Boulevard. The same route is traveled by the Super 7, a faster version of the same service, which makes fewer stops.
- Santa Monica Big Blue Bus Line 10 – The Big Blue Bus 10 runs from downtown Santa Monica to downtown Los Angeles and Union Station. In the study area, it travels east and west along the 10 freeway.
- Santa Monica Big Blue Bus Line 12 – The Big Blue Bus 12 travels from the Rimpau Transit Center to Culver City and Palms, and then on to Westwood. In the study area, it travels east and west along Pico Boulevard and Venice Boulevard, and north and south along Robertson Boulevard.

- Santa Monica Big Blue Bus Line 13 – The Big Blue Bus 13 travels from the Rimpau Transit Center to Cheviot Hills. In the study area, it travels east and west along Pico Boulevard.
- Metro Expo Line – The Metro Expo Line travels from 7<sup>th</sup> Street/ Metro Center in Downtown Los Angeles to an interim terminus in Culver City. The transit line traverses the portion of Exposition Boulevard contained within the West Adams Community Plan Area. The line currently runs at 12 minute headways. Ridership forecasts presented in the Expo Line Final Environmental Impact Statement/Report<sup>2</sup> estimates 42,900 daily boardings by the forecast year 2025.

### 2.3.1 Future Light Rail Transit

The Metro Crenshaw/LAX Transit Center Corridor Project will connect with the Exposition Line where Crenshaw Boulevard meets Exposition Boulevard in the West Adams Community Plan Area. The line travels from the current station at Exposition/Crenshaw to a terminus at LAX/Aviation Boulevard. The route is 8.5 miles in length and travels through the City of Los Angeles and Inglewood. The Locally Preferred Alternative (LPA) is estimated to produce 12,628 daily boardings by the forecast year 2030 as presented in the Final Environmental Impact Statement/Report<sup>3</sup>.

## 2.4 EXISTING BICYCLE SYSTEM

Bicycle facilities are classified based on a standard typology, which is described in further detail below. Figure 2-3 shows the locations of various existing bicycle facilities in the West Adams-Baldwin Hills-Leimert CPA.

- **Class I Bikeway (Bike Path)** provides a completely separate right-of-way and is designated for the exclusive use of bicycles and pedestrians with vehicle and pedestrian cross-flow minimized.

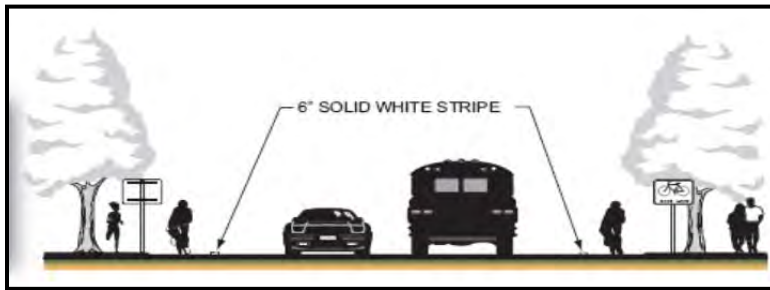


- **Class II Bikeway (Bike Lane)** provides a restricted right-of-way and is designated for the use of bicycles with a striped lane on a street or highway. Bicycle lanes are generally five feet wide. Vehicle parking and vehicle/pedestrian cross-flow are permitted.

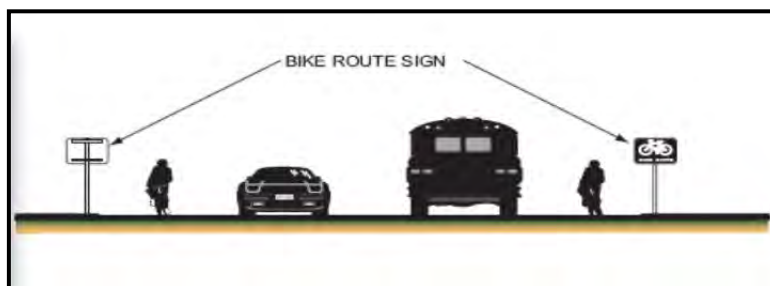
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<sup>2</sup> Los Angeles County Metropolitan Transportation Authority and U.S. Department of Transportation Federal Transit Administration. *Final Environmental Impact Statement/ Environmental Impact Report for the Mid-City/ Westside Transit Corridor, Mid-City/ Exposition LRT Project*. October 2005.

<sup>3</sup> Los Angeles County Metropolitan Transportation Authority and U.S. Department of Transportation Federal Transit Administration. *Crenshaw/ LAX Transit Corridor: Final Environmental Impact Statement/ Final Environmental Impact Report*. August 2011.



- **Class III Bikeway (Bike Route)** provides for a right-of-way designated by signs or pavement markings for shared use with pedestrians or motor vehicles.



- **Commuter Bikeway** provides some of the benefits of the Class II Bikeways by restricting curbside vehicle parking during morning and evening peak hours. The minimum curb lane width is typically 14 feet.

In the study area, there are several existing bicycle facilities. These facilities include:

- Class I facility that extends south from National Boulevard along Ballona Creek parallel to Jefferson Boulevard
- Class II facilities along Venice Boulevard starting at Crenshaw Boulevard and continuing to the west to the edge of the study area and portions of 76<sup>th</sup> Street from Crenshaw Boulevard to Central Avenue
- Class III facilities along portions of Venice Boulevard, Redondo Boulevard, National Boulevard, and 39<sup>th</sup> Street

## 2.5 EXISTING SOCIOECONOMIC DATA

The existing (Year 2008) socioeconomic data was obtained from the City of Los Angeles Department of City Planning. Table 2-1 shows the population, housing units, and total employment in the West Adams-Baldwin Hills-Leimert CPA under existing (Year 2008) conditions. As shown in Table 2-1, the West Adams-Baldwin Hills-Leimert CPA had a population of 182,600 in approximately 66,415 households in 2008.

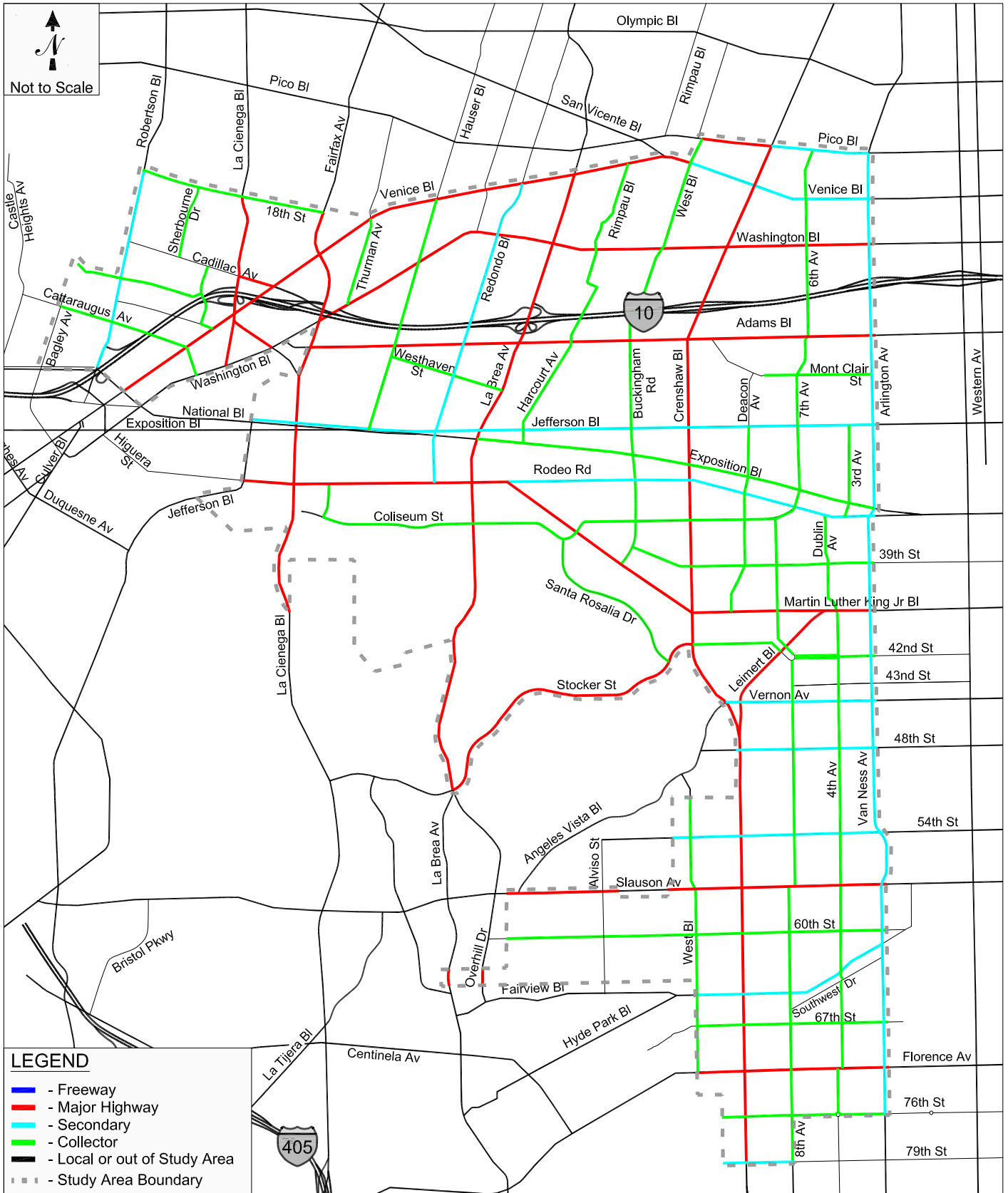
**TABLE 2-1: EXISTING SOCIOECONOMIC DATA FOR WEST ADAMS-BALDWIN HILLS-LEIMERT CPA**

<b>SOCIOECONOMIC DATA</b>	<b>EXISTING (YEAR 2008)</b>
Population	182,600
Households	66,415
Employment	44,779

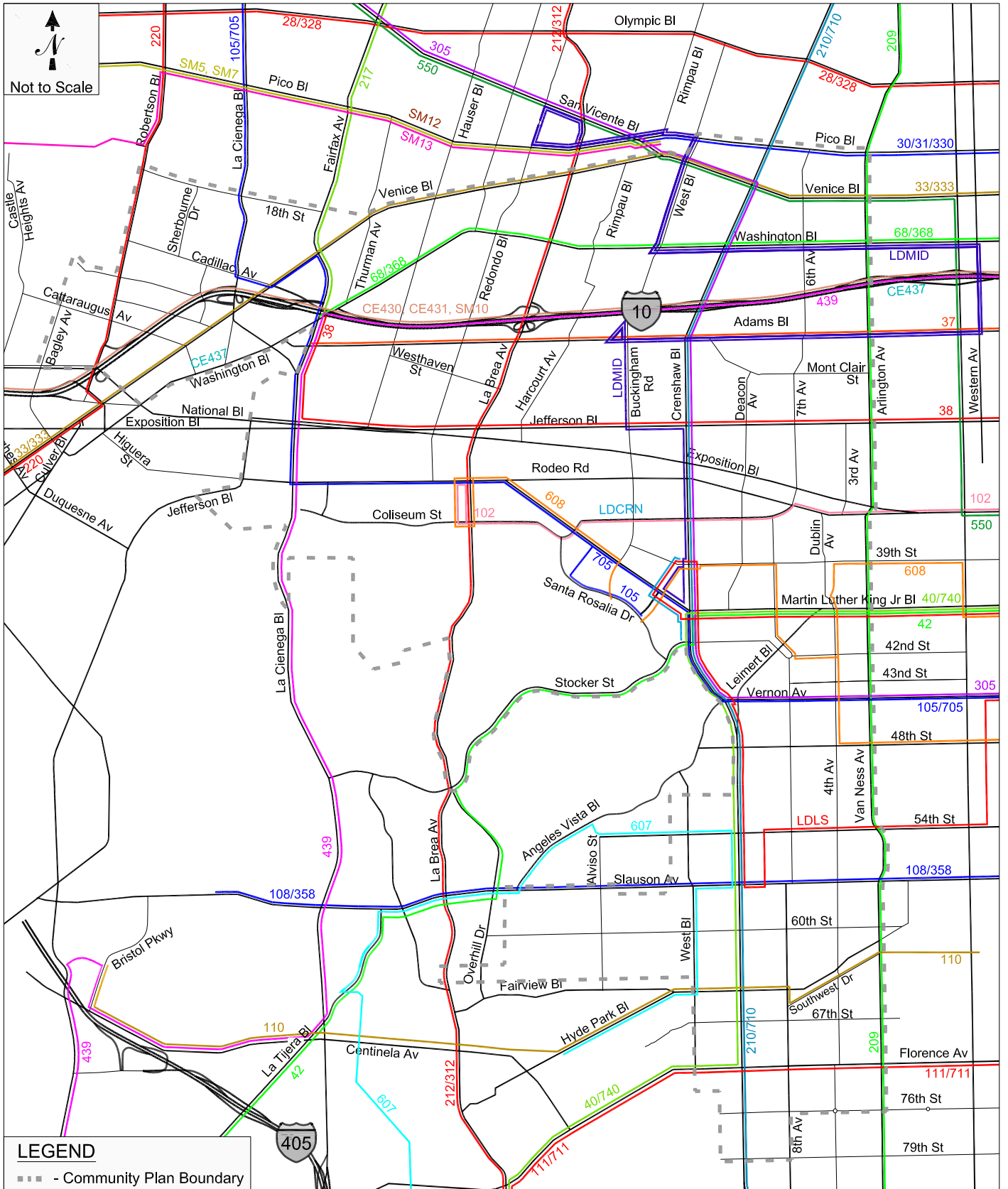
Source: Data provided by City of Los Angeles Department of City Planning, August 2009.

## **2.6 EXISTING TRANSPORTATION CONDITIONS**

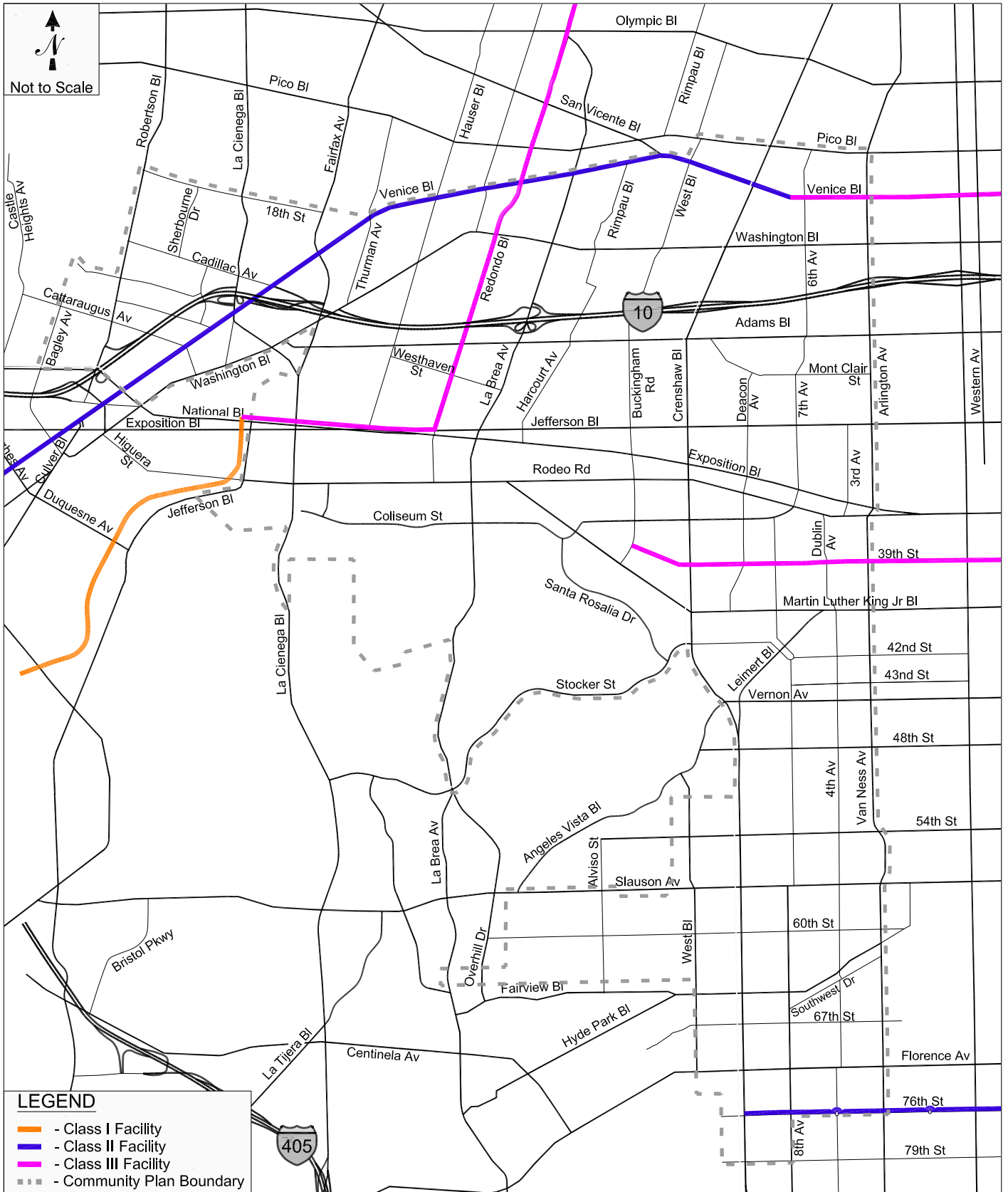
Transportation operations were analyzed for the West Adams-Baldwin Hills-Leimert CPA using the procedures described in Chapter 1. Table 2-2 summarizes the AM and PM peak hour V/C and corresponding LOS for the roadways in the CPA. Appendix F contains full details of the roadway segments analyzed.



**STUDY AREA ROADWAY NETWORK  
WEST ADAMS - BALDWIN HILLS -  
LEIMERT COMMUNITY PLAN AREA**



**EXISTING PUBLIC TRANSIT SYSTEM  
WEST ADAMS - BALDWIN HILLS -  
LEIMERT COMMUNITY PLAN AREA**





**TABLE 2-2: SUMMARY OF AM AND PM PEAK HOUR ROADWAY OPERATING CONDITIONS**

Scenario	Number of Segments* Operating at:				Weighted Average V/C Ratio (all segments*)	Vehicle Miles of Travel
	LOS D or better	LOS E	LOS F	Unsatisfactory LOS (E or F)		
Existing (Year 2008) AM Peak	451	21	36	57	0.719	240,118
Existing (Year 2008) PM Peak	455	19	34	53	0.720	258,254

Note:

- \* Segments include major highways, secondary highways, and collector streets within CPA.

## **CHAPTER 3. TRAVEL MODEL DEVELOPMENT**

As part of the environmental review process, a travel demand forecasting model is required to evaluate future travel patterns that may result from future changes to the transportation system and potential land use alternatives. Having a locally valid model is a critical step in ensuring a high level of confidence in the resulting traffic volumes. This chapter provides an overview of the development and validation of the travel demand forecasting model used to forecasts future travel patterns within and around the West Adams-Baldwin Hills-Leimert CPA. A more detailed description of the model development and validation process is provided in Appendix C.

### **3.1 OVERVIEW OF MODEL DEVELOPMENT**

The West Adams-Baldwin Hills-Leimert CPA model is a “focused” version of the Southern California Association of Governments (SCAG) regional model. The development of the model consisted of several modifications to the SCAG regional model to enable it to estimate traffic more accurately in the CPA. These modifications primarily consisted of adding more traffic analysis zone (TAZ) and roadway network detail within and around the CPA. The modified TAZ system and roadway network provides a refined and updated representation of all the facilities of interest in the West Adams-Baldwin Hills-Leimert CPA. Outside the CPA, the TAZ system and roadway network become gradually less detailed.

### **3.2 SUMMARY OF STATIC MODEL VALIDATION**

The most critical static measurement of the accuracy of any traffic model is the degree to which it can approximate actual traffic counts in the base year. The California Department of Transportation (Caltrans) has established certain trip assignment guidelines for models to be deemed acceptable for forecasting future year traffic. The West Adams-Baldwin Hills-Leimert CPA model was calibrated and validated to Year 2005 traffic conditions in the AM and PM peak hours when it was first developed. A comparison of traffic counts collected in 2005 with those collected in 2008 at like locations within the CPA indicates that the counts collected in 2005 were generally higher than those collected at the same locations in 2008. As shown in Table 3-1, the 2005 traffic counts were approximately four and nine percent higher in the AM and PM peak hours, respectively. Therefore, the 2005 model validation is considered to still be valid and 2005 traffic counts were used to represent existing (Year 2008) traffic conditions within the CPA.

As part of the validation process, model estimated link volumes were compared to existing traffic counts. Links were identified where model results varied substantially from the observed counts, and the characteristics of those links were reviewed to ensure that the link attributes accurately reflected local operating conditions. In some cases, link characteristics such as speeds and capacities were adjusted based on local knowledge.

The West Adams-Baldwin Hills-Leimert CPA model meets or exceeds the guidelines for model accuracy in the AM and PM peak hours.

### **3.3 SUMMARY OF DYNAMIC MODEL VALIDATION**

The traditional approach to the validation of travel demand models is to compare the link volumes for the model's base year to actual traffic counts taken in the same year. This approach provides information on a model's ability to reproduce a static condition. However, models are seldom used for static applications; by far the most common use of models is to forecast how a change in inputs would result in a change in traffic conditions. Therefore, another test of a model's accuracy would focus on the model's ability to predict realistic differences in outputs as inputs are changed, in other words, “dynamic” validation rather than static validation.

Overall, the dynamic validation results suggest that the model will perform reasonably for future scenario forecasting.

### **3.4 IMPLEMENTATION**

Following validation of the base year West Adams-Baldwin Hills-Leimert CPA model, the travel demand model was used along with future year SCAG and West Adams-Baldwin Hills-Leimert CPA land use projections to produce forecasts of future traffic flows in the West Adams-Baldwin Hills-Leimert CPA. These forecasts were then used in the identification of system deficiencies and the development of alternatives for the West Adams-Baldwin Hills-Leimert New Community Plan.

**TABLE 3-1: SUMMARY OF YEAR 2005 AND YEAR 2008 TRAFFIC COUNT COMPARISON**

<b>Measure</b>	<b>AM Peak Hour</b>	<b>PM Peak Hour</b>
Sum of 2005 Traffic Counts	39,250	43,400
Sum of 2008 Traffic Counts	37,564	39,491
Difference (2008 – 2005)	-1,686	-3,909
% Difference	-4.3%	-9.0%

Note:

- \* Only traffic count locations with both a Year 2005 and a Year 2008 traffic count were included in the comparison.

## CHAPTER 4. REGIONAL PLANS AND SPECIFIC PLANS AFFECTING TRANSPORTATION SYSTEM IN CPA

Transportation planning in the West Adams-Baldwin Hills-Leimert CPA is influenced by planning conducted at the regional level as well as at the more localized specific plan level. This chapter summarizes regional plans and specific plans that affect the transportation system in the West Adams-Baldwin Hills-Leimert CPA and describes various transportation improvements already programmed or planned in and near the West Adams-Baldwin Hills-Leimert CPA.

### 4.1 REGIONAL TRANSPORTATION IMPROVEMENT PLANS

A number of regional improvement plans affect transportation in the West Adams-Baldwin Hills-Leimert CPA. They include the Los Angeles County Congestion Management Program (CMP) and the Long Range Transportation Plan (LRTP) prepared by Metro, the RTP and the Regional Transportation Improvement Plan (RTIP) prepared by SCAG, and the Statewide Transportation Improvement Program (STIP) prepared by the California Department of Transportation.

The Los Angeles County CMP is a state-mandated program that serves as the monitoring and analytical basis for transportation funding decisions made through the RTIP and STIP processes. Metro's Long Range Transportation Plan is a strategic document that serves as a framework for meeting the current and projected mobility needs of Los Angeles County. The LRTP recommends highway, high-occupancy vehicle (HOV) lanes, bus, rail, and demand management improvements, and identifies funding sources and implementation schedules over the 20-year period.

The RTP is a planning document required under State and Federal statute encompassing the SCAG region. The RTP forecasts long-term transportation demands and identifies policies, actions, and funding sources to accommodate these demands. The RTP consists of the construction of new transportation facilities, transportation systems management strategies, transportation demand management strategies, and land use strategies. The RTIP, also prepared by SCAG based on the RTP, lists all of the regional funded/programmed improvements within the next seven years.

### 4.2 SPECIFIC PLAN AND SUPPLEMENTAL USE DISTRICTS AFFECTING TIMP

Portions of the West Adams-Baldwin Hills-Leimert CPA fall within the boundary of the following specific plan, which has transportation improvement programs affecting the CPA:

- Crenshaw Corridor Specific Plan (Ordinance No. 176,230) – The City of Los Angeles Crenshaw Corridor Specific Plan is a regulatory and planning document adopted by the Los Angeles City Council encompassing parts of the West Adams-Baldwin Hills-Leimert CPA. The Crenshaw Corridor Specific Plan encourages pedestrian activity in areas identified as Pedestrian Oriented and promotes reduced traffic generation. The plan also promotes an attractive pedestrian environment in these areas by regulating the design and placement of buildings and structures which accommodate outdoor dining and other ground level retail activity.

A Community Plan Implementation Overlay (CPIO) District is proposed to be established and applied to portions of the West Adams-Baldwin Hills-Leimert CPA. The CPIO is a new Supplemental Use District designation within the Municipal Code that will provide a new tool to implement the General Plan Framework Element and Community Plan Policies. The CPIO is proposed to be used in combination with existing regulations to tailor development standards within the Community Plan area.

### 4.3 PROGRAMMED AND PLANNED TRANSPORTATION SYSTEM IMPROVEMENTS

Transportation improvements either programmed (funded) or planned were identified in a review of the regional plans.

#### 4.3.1 Programmed Improvements

Sources used to identify programmed improvement projects that have firm funding commitments and are programmed for implementation before 2030 in or near the West Adams-Baldwin Hills-Leimert CPA included the City of Los Angeles *Five Year Capital Improvement Program, 2008* (CIP), the *Los Angeles County Strategic Plan Project, 2009* (LACSP), *State Transportation Improvement Program* (STIP) (SCAG, 2010), *Regional Transportation Improvement Program, Fiscal Year 2008-2009* (RTIP), and Metro's *2008-2011 Transportation Improvement Program, Call for Projects* (CFP).

Programmed improvements within the West Adams-Baldwin Hills-Leimert CPA include:

- Crenshaw/LAX Transit Corridor Project – Metro will build an 8.5-mile transit line that connects the Green Line and the Exposition Line.
- Widen Southbound Crenshaw Boulevard and I-10 Westbound Off-Ramp – Widen Crenshaw Boulevard to provide a southbound right-turn only lane and redesign the westbound off-ramp (LACSP)
- Modification of I-10 Eastbound Off-Ramps – Modify I-10 eastbound off-ramps at Arlington Avenue and Crenshaw Boulevard (LACSP)
- West Adams Boulevard Streetscape Project – Install streetscape and community gateway improvements along West Adams Boulevard (RTIP)
- Venice Boulevard and La Cienega Boulevard Improvements – Widen the north side of Venice Boulevard from David Avenue to Chariton Street to provide an additional full-time westbound through lane at La Cienega Boulevard (RTIP)
- Exposition Line Streetscape Project – Design and construction of pedestrian-related streetscape improvements within one-quarter mile of the three light rail transit stations from Crenshaw Boulevard to Jefferson Boulevard (RTIP)
- Angel's Walk Crenshaw – Promote pedestrian activity near project area (RTIP)
- Exposition Light Rail Line – Phase I of the Exposition Light Rail transit line along the Exposition Railroad ROW from 7<sup>th</sup> Street/Metro Center in downtown Los Angeles to Venice Boulevard/Robertson Boulevard in Culver City. Phase I is operational. Phase II to Santa Monica is currently under construction.
- Exposition Line Bikeway – Light rail design to accommodate a combination of Class I (bike path) and Class II (bike lane) facilities along the Phase I alignment and from the Phase I terminus to the existing 17<sup>th</sup> Street bicycle facility in Santa Monica

#### 4.3.2 Planned Regional Improvements

Sources used to identify planned regional improvements in or near the West Adams-Baldwin Hills-Leimert CPA included the City of Los Angeles Planning Department's *Transportation Element of the General Plan*, Metro's *2008 Long Range Transportation Plan for Los Angeles County*, and the SCAG *2008 Regional Transportation Plan*.

Both planned and programmed improvements in the West Adams-Baldwin Hills-Leimert CPA were identified.

## CHAPTER 5. PROPOSED TRANSPORTATION IMPROVEMENT AND MITIGATION PROGRAM

This chapter presents the elements of the proposed West Adams-Baldwin Hills-Leimert Community Plan Area TIMP. The proposed West Adams-Baldwin Hills-Leimert CPA TIMP consists of the following elements:

- Bicycle facility improvements
- TDM strategies
- Residential neighborhood traffic management plans
- TSM strategies
- Highway infrastructure improvements
- Street system classification changes
- Proposed Public Transit Improvements

The major components of the proposed West Adams-Baldwin Hills-Leimert TIMP are summarized and discussed in this section.

### 5.1 PROPOSED TIMP BICYCLE FACILITY IMPROVEMENTS, BICYCLE & PEDESTRIAN POLICIES

The Ballona Creek bike path is currently the only Class I (Bike Path) bicycle facility in the West Adams-Baldwin Hills-Leimert CPA. Class II (Bike Lane) bicycle facilities are available on Venice Boulevard just east of Crenshaw Boulevard to National Boulevard. Class III (Bike Route) bicycle facilities are available on Venice Boulevard just east of Crenshaw Boulevard to the eastern edge of the CPA, as well as along 39<sup>th</sup> Street, Redondo Boulevard, and Florence Avenue through the CPA.

The 2010 *City of Los Angeles Bicycle Plan*<sup>4</sup> proposes additional corridor segments in the West Adams-Baldwin Hills-Leimert CPA to be analyzed for proposed and potential bike lanes. The bicycle plan is aimed at improving the facilities for cyclists in the City of Los Angeles as well as the West Adams-Baldwin Hills-Leimert CPA. Enhanced facilities are essential in order to encourage bicycle ridership. Refer to Figure 5-3 on page 35 for a depiction of the full bicycle network identified for the West Adams CPA.

The identified corridor segments in the West Adams-Baldwin Hills-Leimert CPA were field checked to determine whether the addition of bike lanes (Class II) would require the reclassification of the roadway, the removal of on-street parking, or the removal of travel lanes. Due to the potential impacts associated with the removal of roadway capacity and on-street parking, three bicycle facility improvement scenarios were proposed as part of the West Adams-Baldwin Hills-Leimert TIMP. The first scenario assumes no additional bike lanes in the West Adams-Baldwin Hills-Leimert CPA, the second scenario assumes bike lanes along all identified corridor segments per the bike plan (shown in Figure 5-3) in the West Adams-Baldwin Hills-Leimert CPA, and the third scenario assumes bike lanes along select identified corridor segments in the West Adams-Baldwin Hills-Leimert CPA (shown in Figure 5-1). The select identified

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<sup>4</sup> City of Los Angeles Department of City Planning, June 2010.



corridor segments (Scenario 3) where bike lanes are proposed are known as the Alternative Bike Lanes TIMP scenario, and are located along portions of Crenshaw Boulevard, La Cienega Boulevard, Fairfax Avenue, Redondo Boulevard, Arlington Avenue, Venice Boulevard, Rodeo Road, Martin Luther King, Jr. Boulevard, 54<sup>th</sup> Street and 76<sup>th</sup> Street<sup>5</sup>.

The determination not to analyze all the corridors identified in the adopted Bike Plan (Scenario 2), such as the east/west corridors of Pico Boulevard, Washington Boulevard, and Florence Avenue, among others, was due to early identification during the initial field check of significant impacts associated primarily with the removal of on-street parking adjacent to the neighborhood commercial uses, as well as recognizing the need to prioritize those segments essential in linking the overall Bike network to the light rail transit stations, both operational and planned, located throughout the Plan Area.

The three scenarios are outlined in Appendix D along with the required roadway modification along each identified corridor segment. All three scenarios include the bikeway along the Exposition Railroad ROW discussed in Section 4.3.1. See appendix for detail of impacts.

### **5.1.1 Bicycle Policies**

The following measures and policies are aimed at encouraging recreational and commuter bicycle use in the plan area:

- Encourage bicycling through a public information program.
- Encourage new development to provide bicycle connections to existing facilities.
- Develop a safe and accessible bicycle system consistent with the 2010 City of Los Angeles Bicycle Plan.
- Encourage bicycle use by providing bicycle parking, lockers and changing facilities.
- Enhance/improve bicycle way-finding and signage.
- Provide bicycle connections to transit hubs/stops and future light rail stations.
- Ensure neighborhood traffic management plans are bicycle friendly.
- Pursue internal and external funding sources for bicycle projects.

### **5.1.2 Pedestrian Policies**

The following measures and policies are aimed at encouraging pedestrian activity through creating a more walkable environment in the plan area:

- Encourage pedestrian activity through a public information program.
- Encourage walking and pedestrian activity through improved streetscape and pedestrian amenities.
- Install mid-block crosswalks to facilitate safe street crossings where feasible.

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<sup>5</sup> Scenario 3 was selected as the Alternative Bike Lanes TIMP scenario because, upon initial field check, it proved to have fewer significant impacts than Scenario 2.

- Ensure that pedestrian facilities are ADA compliant.
- Maintain, upgrade and develop new facilities to encourage pedestrian activity.
- Provide pedestrian connections to transit hubs/stops and future light rail stations.
- Encourage new development to provide pedestrian oriented facilities.
- Consider developing and adopting a pedestrian master plan.
- Pursue internal and external funding sources for pedestrian projects.
- Convert underused street pavement to pedestrian plaza space.

## 5.2 TRANSPORTATION DEMAND MANAGEMENT PROGRAM

A TDM program is a set of strategies, measures, and incentives to encourage residents to walk, bicycle, use public transportation, carpool, or use other alternatives to driving alone. TDM measures produce more mobility using existing transportation systems, boost economic efficiency of the current transportation infrastructure, improve air quality, save energy, and reduce traffic congestion. This section provides a list of recommended strategies to be considered as part of a TDM program that would affect current and future property owners and developers in the West Adams-Baldwin Hills-Leimert CPA.

### 5.2.1 Recommended TDM Strategies to be considered as Part of a TDM Program

The Citywide Ordinance on Transportation Demand Management and Trip Reduction Measures (Ordinance No. 168,700) will continue to be implemented in the West Adams-Baldwin Hills-Leimert TIMP CPA. This Ordinance calls for several measures to be taken by non-residential developments to achieve the necessary trip reduction targets. LADOT is responsible for monitoring the current Citywide TDM Ordinance attached in Appendix E.

In addition to TDM strategies required as part of the citywide ordinance, the following TDM strategies are recommended as part of a specific TDM program for the West Adams-Baldwin Hills-Leimert TIMP:

- TDM Coordinator – A single transportation coordinator would design, manage and update the TDM program.
- Area-Wide Transportation Management Association – An area-wide TMA would manage a TDM program for a larger community or group of developments in close proximity to one another. The TMA would be in charge of implementing the strategies below on a larger scale and would be run by a TDM coordinator.
- Bicycle Facilities – Commuter bicycle facilities such as secure bicycle parking (short-term and long-term bike racks and lockers), and shower and personal locker facilities help reduce peak period and daily automobile trips to-and-from project sites.
- Integrated Mobility Hubs – Integrated Mobility Hubs are envisioned as a requisite part of fixed rail transit stations in support of extending the accessibility of those new stations beyond the traditional one-half mile radius that is comfortable for pedestrian access. These hubs implement the concept of “first/last mile” access utilizing the integration of local shuttle buses, shared cars, and shared bicycles as means for extending the utility and patronage of the transit stations. Information kiosks to provide both commuters and visitors real-time information on access options and services are also an important part of Integrated Mobility Hubs. Similarly, these Hubs can be implemented at major employment sites to support daytime transportation needs of commuters,

thus minimizing the need for use of the car at the work site, encouraging ridesharing, and providing secure bike parking, complementary storage and coordination of the access modes originating at the Integrated Mobility Hub.

- Provide Pedestrian Network Improvements – Providing a complete pedestrian access network encourages people to walk instead of drive. Physical barriers such as walls, landscaping, and slopes that impede pedestrian circulation could be eliminated.
- Flexible Work Hours – Also known as flextime, this strategy gives employees the option of shifting their daily arrival and departure times to off-peak hours. This spreads out the arrival and departure of employees and shifts vehicle trips to non-peak hours.
- Telecommuting – Telecommuting provides an alternative to home-to-work vehicle trips. The City should encourage incorporation of new technologies supporting telecommuting (e.g., broadband, teleconferencing equipment) into new office and residential developments. Telecommuting measures could be used by non-residential developers toward compliance with the Citywide TDM Ordinance.
- Transportation Information Center – A TIC is a centrally-located commuter information center where employees could obtain information regarding commute programs and obtain real-time information for planning travel without using an automobile. A TIC typically provides information about transit schedules, commute planning, ridesharing, telecommuting, bicycle and pedestrian routes and facilities, on-site services, and local-serving businesses. This could also be implemented online.
- Ridesharing (Carpool and Vanpools) – Ridesharing is typically a primary focus of employee TDM strategies. Ideal candidates for ridesharing programs are employees who work Monday through Friday and maintain relatively fixed schedules, such as office employees. This measure provides the potential for employees to come to work relaxed and/or work during the commute. They also traditionally benefit from reserved (preferential) parking and designated loading zones. Online ride-matching services allow employees to take advantage of the carpool and vanpool programs.
- Parking Cash Out – California’s parking cash out program was enacted as state law in 1992. It means that commuters who are offered subsidized or no cost parking are also offered the cash equivalent paid by their employer (e.g., \$100 per month) if they forgo their parking space and use alternative travel modes such as biking or taking the bus to work. The law applies to employers of 50 persons or more and who do not own the parking spaces they provide to employees. The success of parking cash out programs in reducing single occupant vehicle usage is well documented. In 1997, Donald Shoup conducted case studies of parking cash out for the California Air Resources Board and found that after cash out, solo driving fell by 17% and total vehicle miles traveled were reduced by 12%.
- Unbundled Parking – Residential parking could be “unbundled” and sold or leased separately from units. Unbundling parking makes the cost of parking visible to households and may encourage some residents to save money by opting for a single off-street space or no dedicated parking, when two spaces per dwelling unit may otherwise be the norm.

- Limit Parking Supply – Change parking requirements and types of parking supply to encourage “smart growth” development and alternative transportation choices by project residents and employees. This would be accomplished in a multi-faceted strategy:
  - Elimination (or reduction) of minimum parking requirements
  - Creation of maximum parking requirements
  - Provision of shared parking

### **5.3 RESIDENTIAL NEIGHBORHOOD TRAFFIC MANAGEMENT PLANS**

This section discusses current difficulties encountered by public agencies in dealing with traffic intrusion onto residential streets and potential solutions to minimize those problems. The primary intent and function of residential streets is to serve the land that abuts them. They provide access to homes, residents and their visitors, including those who provide delivery/collection services.

In recent years, as traffic has grown, residential streets have been used more as pass-through routes for commuters by-passing the increasing congestion along major and secondary highways and as storage for spillover parking from adjacent commercial streets. Portions of the West Adams-Baldwin Hills-Leimert CPA have a grid-system street network. This is especially susceptible to traffic intrusion because streets are usually parallel to one another and provide convenient alternate routes to commuters bypassing parallel major and secondary highways. Levels of service of residential streets parallel to major and secondary highways will worsen as conditions along those highways continue to deteriorate. If left unattended, traffic volumes on those residential streets ultimately increase to such levels that they become a great concern to adjacent residents.

The following sections describe the various elements that need to be addressed to ensure that traffic intrusion to residential streets is minimized. These sections discuss existing and potential problems, traffic control measures, and implementation of neighborhood traffic management plans.

#### **5.3.1 Existing Problems**

Residential areas in the West Adams-Baldwin Hills-Leimert CPA, such as the residential neighborhoods in the vicinity of I-10, have been identified as experiencing pass-through traffic. As traffic continues to grow, service conditions on additional residential streets can be expected to deteriorate. Commercial development in and around the West Adams-Baldwin Hills-Leimert CPA is expected to increase significantly between now and 2030. Spillover parking from adjacent commercial streets could also occur.

Responding on a case-by-case basis without analyzing the entire nature, context, and cause of the problems has been ineffective in minimizing “unwanted traffic” in residential streets within a community and preventing the use of curb parking spaces by vehicles whose destinations are outside the neighborhood. Frequently, implementing neighborhood traffic controls on one street would cause intruding traffic and spillover parking to shift to other residential streets, and similar problems would recur on those streets. An effective neighborhood traffic management plan can only be implemented on an area-wide basis involving all affected parties including planners, traffic engineers, neighborhood residents, and Council representatives.

### **5.3.2 Identification of Problem**

It is recommended that a series of neighborhood outreach meetings be held to identify and discuss existing and anticipated future "cut-through" traffic and spillover parking from adjacent commercial districts. Through these neighborhood/community meetings (attended by representatives from the neighborhood councils, or other groups and/or individual homeowner(s) in the community, the respective Council offices, and LADOT), strategies and programs would be developed to minimize "unwanted" traffic and parking. These meetings would also provide better defined goals and objectives of the neighborhood traffic management plan, attain agreement by all affected parties on the boundary of a study area, and provide a better understanding on effectiveness of the proposed mitigation measures to minimize "cut-through" traffic and spillover parking. Availability of funding to pay for implementation of programs and other concerns would also be discussed in the meetings.

### **5.3.3 Traffic Control Measures**

Figure 5-2 illustrates examples of typical neighborhood traffic controls used to regulate, warn, and guide motorists and pedestrians in safe, efficient, and compatible movement of vehicles and pedestrians. Geometric design features could also be used to guide and restrict the physical movement of vehicles and pedestrians, defining and allocating various parts of the public right-of-way for use by motorized traffic, cyclists, and pedestrians.

Installation of certain types of control devices such as stop signs requires satisfaction of specific criteria. The City could be exposed to lawsuits should an accident occur that might be attributed in whole or in part to the presence of the unwarranted device if a control device is installed when those standard warrants are not met. In order for neighborhood traffic control plans to be effective, traffic control measures should be clearly understood by motorists and pedestrians. To assure this, the traffic control measures, as described in the State of California Traffic Manual, should:

- Convey clear and unambiguous message
- Be justified
- Regulate the traffic for which they are applied and intended

### **5.3.4 Implementation of Neighborhood Traffic Management Plans**

To successfully implement a neighborhood traffic management plan, residents within the study area must participate in the process to articulate their priorities and values, respond to proposed plans and designs, and offer alternatives of their own. This task is time consuming. At the same time, a monitoring program should be established to:

- Ensure that proper devices are installed
- Analyze the effectiveness of the neighborhood traffic management measures
- Study effects of "before and after" installation of control devices
- Ensure that undesirable impacts of the measures on established residential neighborhoods are minimal
- Examine the needs for additional controls to deter unanticipated "cut-through" traffic and spillover parking from adjacent commercial districts

## 5.4 PROPOSED TRANSPORTATION SYSTEMS MANAGEMENT STRATEGIES

TSM strategies are intended to improve existing transportation systems using operational or minor physical improvements. The proposed TSM strategies for the West Adams-Baldwin Hills-Leimert CPA are:

- Adaptive Traffic Control System – ATCS should be implemented at all critical intersections along all of the major and secondary arterial travel corridors within the West Adams-Baldwin Hills-Leimert CPA. The ATCS system essentially upgrades the Automated Traffic Surveillance and Control (ATSAC) system currently on line at most of the locations recommended for improvement.

ATCS is a PC-based traffic control program that provides fully traffic responsive signal control based on real-time traffic conditions. ATCS automatically adjusts and optimizes traffic signal timing in response to current traffic demands on the entire signal network such that the number of stops and the amount of delay is minimized along with improved traffic signal coordination throughout the network. LADOT estimates that the existing ATSAC system improves intersection capacity by an average of 7%, and estimates that implementation of ATCS improves intersection capacity by an additional 3% over the ATSAC system alone.

Implementation of ATCS in the West Adams-Baldwin Hills-Leimert CPA would require full implementation of the various ATCS sub-systems present in the area, allowing for seamlessly optimized real-time operation both within and between the sub-systems.

- Intersection Improvements – Identify and implement localized intersection improvements (e.g., channelization, turn lanes, signal modifications, pedestrian improvements, and safety improvements) as warranted and feasible within the West Adams-Baldwin Hills-Leimert CPA.
- Roadway Segment Capacity – The traffic signals at many of the intersections within the City of Los Angeles currently operate using older Type 170 traffic signal controller. Newer Model 2070 controllers provide for enhanced and real-time operation of the traffic signal timing. Type 2070 controllers allow LADOT to provide instant adjustments to the signal's timing parameters based on real-time traffic conditions. The upgrade of the controllers, when supplemented by the installation of strategically placed closed-circuit television (CCTV) cameras and additional vehicle detector loops, is expected to reduce the V/C ratio by a minimum of 0.01. These traffic signal hardware upgrades are needed to provide for enhanced operation of the City's ATSAC signal system, and to allow LADOT to manage traffic in direct response to real-time traffic flow. The strategic placement of a CCTV camera affords LADOT with the ability to monitor vehicles and buses, and respond to incidents that cause excessive delays. The West Adams-Baldwin Hills-Leimert TIMP assumes a 1% improvement in roadway segment capacity based on LADOT guidelines.

## 5.5 PROPOSED HIGHWAY INFRASTRUCTURE IMPROVEMENTS

The West Adams-Baldwin Hills-Leimert CPA is comprised of mature communities with established structure setback lines along major and secondary arterials. Major street widenings are not likely to be feasible in most areas without significant disruption and/or neighborhood impacts. However, selected highway infrastructure improvements are proposed in the TIMP:

- Street Improvements to Standard – The City of Los Angeles has established standard right-of-way (ROW) and roadbed (curb-to-curb) pavement widths for various roadway classifications. The City's standard for major and secondary highway classifications are as follows:

<u>Roadway Classification</u>	<u>Pavement Width</u>	<u>ROW Width</u>
Major Highway Class I	102'	126'
Major Highway Class II	80'	104'
Secondary Highway	70'	90'

As mentioned, much of the West Adams-Baldwin Hills-Leimert CPA is comprised of mature communities with established building setback lines. It is recommended that eventual roadway widening, which may include vehicular roadbed and/ or pedestrian realm (parkway/ sidewalk) improvements be accomplished by conditioning the approval of individual property developments as generally required through LAMC Section 12.37 regarding Highway and Collector Street Dedication and Improvement. Specifically, under most circumstances LAMC Section 12.37 requires a newly developed parcel to dedicate property and improve adjacent roadways to their designated standards. With ROW and improvements obtained through LAMC Section 12.37, the City could ultimately widen sections of roadways to a defined standard to meet specific community goals and objectives such as enhancement of the pedestrian realm, conservation of desirable neighborhood character, or, increase to vehicular capacity. This method of roadway widening could be used in combination with the CPIO mechanism to tailor development standards within the West Adams-Baldwin Hills-Leimert CPA to minimize disruption to neighboring businesses and residents and potentially improve both pedestrian and bicycle mobility as well as traffic circulation beyond what is projected in this TIMP. Given the Plan Area's established early 20<sup>th</sup> Century development pattern especially along most east/ west corridors, roadway improvement involving vehicular roadbed widening would take a long time before sufficient ROW could be obtained toward effectively improving vehicular capacity. Therefore, it is recommended that many of the Plan Area's current street designation standards further clarify that roadway dedication and improvement required through LAMC Section 12.37 facilitate mobility by way of a variety of modes, not just the automobile, and in particular pedestrian, bicycle and mass transit.

## **5.6 STREET SYSTEM CLASSIFICATION CHANGES**

Proposed changes to the street system classification scheme in the corridor segments in the West Adams-Baldwin Hills-Leimert CPA Community Plan circulation plan, including reclassifications and deletions, are described below.

The West Adams-Baldwin Hills-Leimert Community Plan implements a series street system reclassifications or "modified street standards". This is based on existing and proposed land uses, the presence of historic buildings, activity nodes around light rail transit stations as well as development potential and vehicle and pedestrian activity. Appendix H contains a map and specific details regarding the street system reclassifications.

### **5.6.1 Reclassifications**

Change the classification of the following street segments in keeping with the role of the street in the circulation system. Refer to Appendix H for the detailed inventory of modified street standards.

### **5.6.2 Vacations/Closures**

The following roadway segment should be temporarily closed or permanently vacated from the West Adams-Baldwin Hills-Leimert Community Plan circulation plan:

- Exposition Boulevard from La Brea Avenue to Rimpau Boulevard – Close or vacate a section of Exposition Boulevard (approximately 200 feet) east from its current terminus at La Brea Avenue. This segment is being closed or vacated to create a more pedestrian friendly environment adjacent to the Exposition Light Rail Transit Line station at La Brea Avenue. No street reclassification is required in order to process the vacation.

## **5.7 PROPOSED PUBLIC TRANSIT IMPROVEMENTS & POLICIES**

Metro Local and Metro Rapid buses currently service or pass through the CPA and two light rail lines operated by Metro are programmed for implementation before 2030 with stops in the West Adams-Baldwin Hills-Leimert CPA as discussed in Section 2.3.

Proposed changes in land use and urban design as part of the TIMP are expected to encourage transit ridership within the West Adams-Baldwin Hills-Leimert CPA. However, safe, convenient, accessible, and easily identifiable transit locations also play a major role in encouraging and facilitating transit ridership.

The following public transit improvements and policies are proposed as part of the West Adams-Baldwin Hills-Leimert CPA to encourage and facilitate transit ridership:

- Encourage bus stop/bus station upgrades at all Metro Local and Metro Rapid bus stops located in the Plan area including bus shelters with a seating option, lighting, trash receptacles, and transit information. Transit information includes a route map and timetable for each transit line stopping at the stop as well as an electronic display of “next bus” information
- Encourage development of enhanced crosswalks and pedestrian facilities at all intersections adjacent to existing and future Metro Local and Metro Rapid bus stops as well as light rail stops along the Mid-City Exposition and future Crenshaw/LAX transit corridors as discussed in Section 2.3
- Basic amenities such as coffee shops, sundries and newsstands at transit locations with high ridership and frequent service
- The proposed roadway segment closure or vacation adjacent to the Exposition Light Rail Transit Line station at La Brea Avenue as discussed in Section 3.6.2
- Encourage measures aimed at supporting the Exposition Light Rail Transit Line such as First mile/last mile concepts, e.g., taxis and taxi sharing, bicycle sharing, accommodating bicycles on transit and car sharing/car rental
- Encourage the use of public transit through a public information program
- Encourage the provision of bus bays by requiring development projects to provide right of way
- Work with Metro to develop a robust feeder system to Crenshaw and Exposition LRT systems
- Work with Metro to expand transit service to areas not currently served
- Regularly evaluate the necessity for improved transit facilities (e.g., bus shelters, benches, information programs, etc.)
- Pursue internal and external funding sources for transit projects
- Improve the safety, ease and convenience of using transit by making improvements to transit waiting areas, including lighting, shelters, benches and adequately sized waiting areas

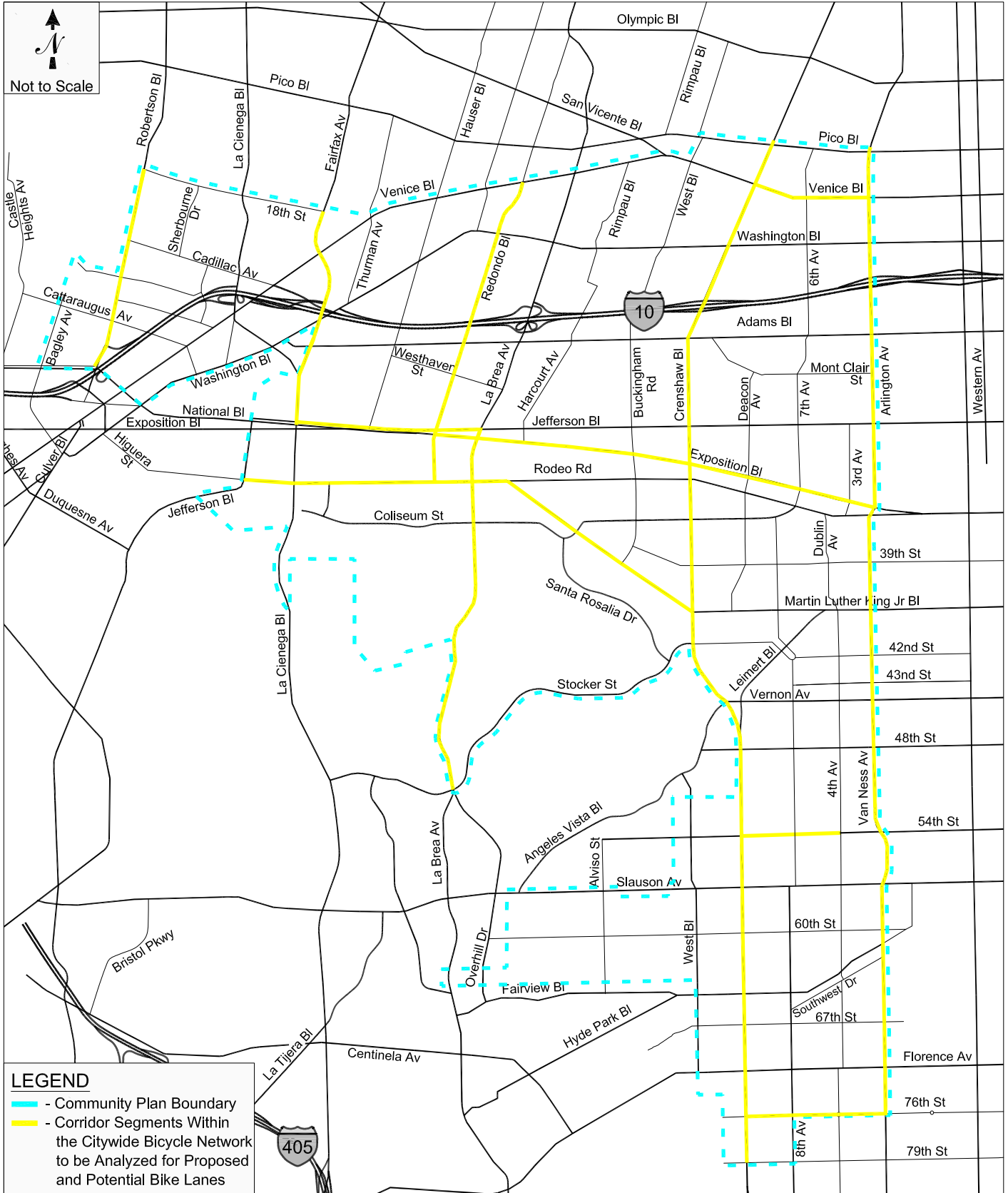


- Recommend that development projects provide transit amenities such as shade, trees, bus shelters, bicycle racks or lockers and stamped crosswalks located at intersections served by different transit modes, or intersections Metro identifies as major transfer nodes
- Support Metro's plan to construct multi-modal transit centers at locations served by various types of transit
- Encourage developments to offer monthly transit commuter discounts on transit passes
- Improve on-street bicycle access to bicycle commuter facilities at Metro bus stops
- Expand shuttle routes to supplement other paratransit services
- Minimize driveways along streets served by articulated buses

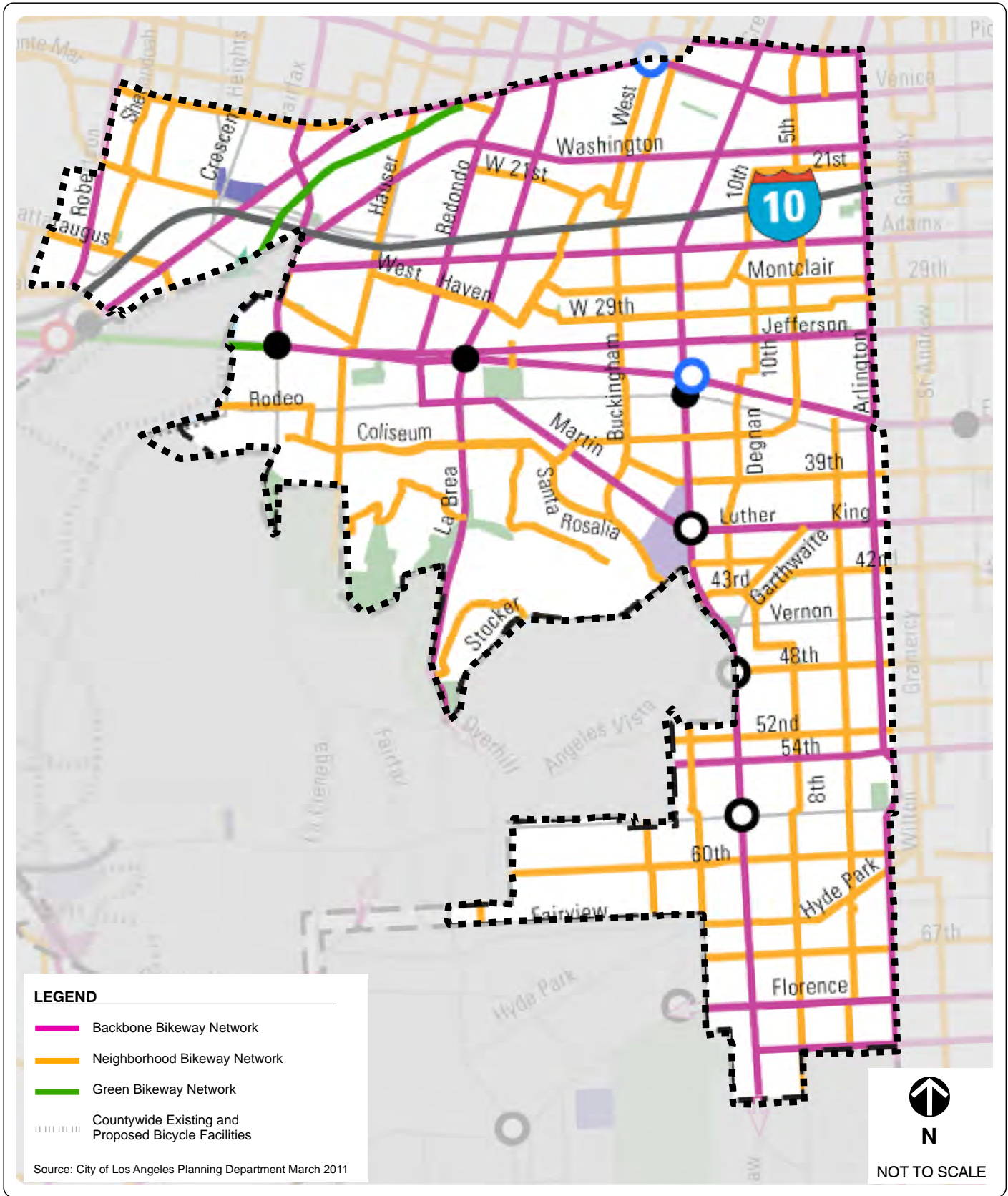
## **5.9 PARKING POLICIES**

Parking policies have the ability to influence the mode by which people travel. In some instances it is advantageous to encourage the sharing of parking to reduce the amount of parking spaces, especially in commercial areas with complimentary land uses. The following parking policies are recommended for the West Adams-Baldwin Hills-Leimert CPA Community Plan Area to help encourage transit use and mixed-use/transit-oriented development.

- Require ground-floor commercial uses in off-street parking facilities located in commercial areas.
- Establish maximum parking requirements for individual projects. For example, consider existing LAMC parking requirements to be the maximum number of parking spaces allowed for projects.
- Require applicants for residential, mixed-use or commercial projects who request parking spaces that exceed the maximum to make the additional spaces requested available for use by the general public.
- Support projects that reserve on-street parking spaces for shared cars near major transit nodes.
- Support parking programs that encourage transit use.
- Develop new off-street public parking resources, including parking structures and underground parking, in accordance with design standards.
- Support proposals to build parking structures that can be used by multiple customer groups in areas of high parking demand.
- Provide preferential parking to vanpools and carpools
- Encourage shared parking between private businesses
- Reserve on-street parking in commercial districts for short-term parking



**PROPOSED BICYCLE CORRIDOR SEGMENTS  
WEST ADAMS - BALDWIN HILLS -  
LEIMERT COMMUNITY PLAN AREA**



## CHAPTER 6. YEAR 2030 TRAFFIC CONDITIONS WITH PROPOSED TIMP

This chapter summarizes an analysis of projected 2030 conditions both with and without implementation of the proposed West Adams-Baldwin Hills-Leimert TIMP. The chapter provides a discussion of potential vehicle trip reductions due to changes in the 4Ds built environment variables, followed by an assessment of projected traffic volumes and roadway segment levels of service with implementation of the highway infrastructure and transportation system management components of the TIMP.

### 6.1 ESTIMATION OF TRIP REDUCTIONS

The analysis of traffic conditions accounts for the changes in land use, along with the presence of two new light rail transit lines along Exposition and Crenshaw Boulevards in the community plan area. The literature on travel behavior indicates that built environment variables such as land use **Density**, land use **Diversity**, pedestrian **Design**, and access to regional **Destinations** have a significant effect on travel demand. The main analytical tool for forecasting the long-term effects of land use on transportation networks is the travel demand forecasting (TDF) model. Typical TDF models are insensitive to most smart growth development characteristics. This is because the 4Ds are based on highly localized variables, while TDF models are generally based on regional data. Traditional TDF models do well at predicting travel demand characteristics of homogenous areas with standard land uses, but tend to overestimate the number of vehicle trips from smart growth areas.

The 4Ds process has been developed to reflect the benefits of smart growth development more accurately. The purpose of the 4Ds adjustment process is to enhance the sensitivity of conventional models and provide policy makers with more reliable forecasts of the likely effects of their policies.

The 4Ds are intended to predict relative changes in vehicle trips resulting from changes in built environment variables that have been shown in national research to reduce per-capita auto use. The following four built environment variables were used to estimate the vehicle trip reductions:

- Density – Residential and non-residential development per acre
- Diversity – Mix of residential and non-residential development
- Design – Connectivity and walkability of the transportation network
- Destination Accessibility – Relative location of land use to major regional attractions, as infill sites generate fewer and shorter vehicle trips than fringe area development

The 4Ds process uses an elasticity derived for each of the built environment variables to predict vehicle trip reductions between two alternative land use scenarios. For this application, the 4Ds elasticities were applied to land use differences between the existing (Year 2008) conditions and the Year 2030 (Proposed TOD Plan with 4Ds) land use scenarios due to the concentrations of land use along major corridors and around proposed transit stations and the inclusion of parking reductions.

### 6.2 YEAR 2030 TRAFFIC VOLUMES WITHOUT AND WITH PROPOSED TIMP

As described in Chapter 3, the base year travel demand model was calibrated and validated to 2008 traffic conditions. The calibrated highway network was then used to produce the 2030 base highway network. This highway network was used to produce traffic forecasts for the Year 2030 Current Plan, and the Year 2030 NCP (Proposed TOD Plan with 4Ds) scenarios.

To estimate the effectiveness of the proposed West Adams-Baldwin Hills-Leimert TIMP, the 2030 highway network was modified to incorporate the physical improvement elements of the TIMP. In addition, as described in Section 3.1, it was determined that the implementation of bicycle facilities would require the limited reclassification of roadways, removal of on-street parking, or removal of travel lanes. Therefore, roadway capacity changes associated with each of the following three bicycle facility improvement scenarios were applied to the modified 2030 highway network to produce the following three West Adams-Baldwin Hills-Leimert TIMP scenarios:

- No additional bike lanes in the West Adams-Baldwin Hills-Leimert CPA
- Bike lanes along all identified corridor segments in the West Adams-Baldwin Hills-Leimert CPA
- Bike lanes along select identified corridor segments in the West Adams-Baldwin Hills-Leimert CPA

The modified 2030 origin-destination trip tables associated with the Year 2030 NCP scenario were then assigned to the three modified 2030 highway networks to produce traffic forecasts in the West Adams-Baldwin Hills-Leimert CPA for each of the three TIMP scenarios.

### **6.3 ROADWAY SEGMENT LEVEL OF SERVICE ANALYSIS**

Appendix F summarizes the forecasted traffic volumes and estimated V/C ratios with corresponding levels of service for the analyzed freeway, major highway, secondary highway, and collector street roadway segments in the West Adams-Baldwin Hills-Leimert CPA under existing (Year 2008), and the Year 2030 NCP with the three TIMP scenarios.

Roadway segment LOS under Year 2030 NCP conditions are compared to the existing (Year 2008) conditions to determine cumulative impacts of traffic (including that generated by regional growth) during the study period. The roadway system is considered to be significantly impacted if the weighted average V/C ratio under projected Year 2030 NCP conditions for all of the analyzed roadway segments is greater than that projected under existing (Year 2008) conditions or the number of roadway segments projected to operate at unsatisfactory levels of service (i.e., LOS E or F) under Year 2030 NCP conditions is greater than the number projected under existing (Year 2008) conditions.

#### **6.3.1 2008 and 2030 Conditions without TIMP**

Tables 6-1 and 6-2 provide a summary of the results in Appendix F for the AM and PM peak hours, respectively. As shown, 57 of 508 segments were estimated to operate under unsatisfactory conditions (LOS E or F) during the AM peak hour, and 53 of 508 were estimated to operate under unsatisfactory conditions (LOS E or F) during the PM peak hour under existing (Year 2008) conditions.

Under the Year 2030 NCP scenario (without implementation of the proposed TIMP improvements), the number of segments expected to operate under unsatisfactory conditions during the AM and PM peak hours is 78 and 101, respectively. Comparison of the Year 2030 NCP scenario to existing (Year 2008) conditions reveals that the number of segments operating at unsatisfactory levels of service is projected to increase by 26 in the AM peak hour and by 52 in the PM peak hour. The significantly larger increase in the number of segments operating unacceptably in the PM peak hour is due to the additional 8,000 jobs provided by the Year 2030 NCP land use plan, the majority of which is commercial employment, which typically produces four times as many vehicle trips in the PM peak hour than in the AM peak hour. The increase in the number of segments operating at unsatisfactory conditions between the Year 2030 NCP and existing (Year 2008) scenarios indicates that the land use growth anticipated under the NCP project, without implementation of the proposed TIMP improvements, would have a significant cumulative impact on the roadway system.

### 6.3.2 2030 Conditions with TIMP

The following is a summary of weighted average V/C ratios and the number of segments expected to operate under unsatisfactory conditions with the three proposed TIMP scenarios (the corridor segments are illustrated on Figure 5-1 and the resulting roadway capacity changes for each scenario are outlined in Appendix D).

#### 6.3.2.1 No Additional Bike Lanes TIMP Scenario

With implementation of the proposed West Adams-Baldwin Hills-Leimert TIMP with no additional bike lanes, Tables 6-1 and 6-2 indicate that 71 segments during the AM peak hour and 99 segments during the PM peak hour are projected to operate under unsatisfactory conditions. Comparing this scenario to existing (Year 2008) conditions reveals that the number of segments operating at unsatisfactory LOS is projected to increase by 14 in the AM peak hour and by 46 in the PM peak hour. The weighted average V/C ratio for all of the analyzed link segments within the West Adams-Baldwin Hills-Leimert CPA is estimated to increase by about 0.025 in the AM peak hour and by 0.066 in the PM peak hour when compared to existing (Year 2008) conditions.

#### 6.3.2.2 Bike Lanes along All Identified Corridor Segments TIMP Scenario

With implementation of the proposed West Adams-Baldwin Hills-Leimert TIMP with bike lanes along all identified corridor segments, Tables 6-1 and 6-2 indicate that 92 segments during the AM peak hour and 119 segments during the PM peak hour are projected to operate under unsatisfactory conditions. Comparing this scenario to existing (Year 2008) conditions reveals that the number of segments operating at unsatisfactory LOS is projected to increase by 35 in the AM peak hour and by 66 in the PM peak hour. The weighted average V/C ratio for all of the analyzed link segments within the West Adams-Baldwin Hills-Leimert CPA is estimated to increase by about 0.063 in the AM peak hour and by 0.100 in the PM peak hour when compared to existing (Year 2008) conditions. The worsening LOS conditions are a direct result of the assumptions that some travel lanes will need to be removed in order to install the bicycle lanes.

#### 6.3.2.3 Bike Lanes along Selected Identified Corridor Segments TIMP Scenario

With implementation of the proposed West Adams-Baldwin Hills-Leimert TIMP with bike lanes along selected identified corridor segments, Tables 6-1 and 6-2 indicate that 89 segments during the AM peak hour and 111 segments during the PM peak hour are projected to operate under unsatisfactory conditions. Comparing this scenario to existing (Year 2008) conditions reveals that the number of segments operating at unsatisfactory LOS is projected to increase by 32 in the AM peak hour and by 58 in the PM peak hour. The weighted average V/C ratio for all of the analyzed link segments within the West Adams-Baldwin Hills-Leimert CPA is estimated to increase by about 0.043 in the AM peak hour and by 0.082 in the PM peak hour when compared to existing (Year 2008) conditions. This scenario results in fewer traffic impacts than the other two TIMP scenarios because less roadway capacity is being removed to accommodate bicycle lanes.

### 6.3.3 Significance Criterion

Based on the analysis results, none of the three proposed TIMP scenarios would be effective in improving overall operating conditions over existing (Year 2008) conditions as measured by average V/C ratio. The TIMP scenarios are also projected not to maintain the same number (or fewer) of segments at LOS E or F when compared to existing (Year 2008) conditions. Thus, the significant impacts of the NCP project would not be mitigated per these vehicle-oriented criteria. **However, the TIMP includes many beneficial elements aimed to encourage alternative modes of travel, such as the creation of more**

***pedestrian-friendly environments around transit stations and the provision of bicycle facilities along major corridors.***

#### **6.4 VEHICLE MILES OF TRAVEL ANALYSIS**

The vehicle miles traveled on all CPA roadways (including vehicle miles of travel associated with vehicles passing through the CPA) are provided in Tables 6-1 and 6-2. As shown, vehicle miles of travel increase with all three TIMP scenarios in both the AM and PM peak hours when compared to existing (Year 2008) conditions. However, vehicle miles of travel decrease with all three TIMP scenarios when compared to the Year 2030 NCP scenario (without implementation of the proposed TIMP improvements). This is due to reductions in roadway capacity along major corridors required to provide the proposed bike lanes, and the anticipated shift from automobile use, particularly for shorter trips, anticipated through the inclusion of bike lanes and other modes of transportation throughout the area.

#### **6.5 WEST ADAMS - BALDWIN HILLS - LEIMERT PARK PROPOSED TIMP**

Based on the findings presented in section 6.3.2, the City of Los Angeles has selected the “Bike Lanes along Selected Identified Corridor Segments TIMP Scenario” in conjunction with the measures identified in Chapter 5.

**TABLE 6-1: SUMMARY OF AM PEAK HOUR ROADWAY SEGMENT LEVELS OF SERVICE**

Scenario	Number of Segments <sup>1</sup> Operating at:				Weighted Average V/C Ratio (all segments*)	Vehicle Miles of Travel
	LOS D or better	LOS E	LOS F	Unsatisfactory LOS (E or F)		
Year 2008 Existing Conditions	451	21	36	57	0.719	240,118
Year 2030 Current Plan	432	37	39	76	0.746	270,629
Year 2030 NCP (Proposed TOD Plan with 4Ds <sup>2</sup> )	430	38	40	78	0.756	277,905
<b>Proposed TIMP Alternatives</b>						
Year 2030 NCP No Bike Lanes	437	31	40	71	0.744	277,760
Year 2030 NCP Full Bike Lanes	416	31	61	92	0.781	273,368
Year 2030 NCP Alternative Bike Lanes	419	37	52	89	0.762	275,265

Note:

1. Segments include major highways, secondary highways, and collector streets within CPA.
2. See Chapter 6 for further description.



**TABLE 6-2: SUMMARY OF PM PEAK HOUR ROADWAY SEGMENT LEVELS OF SERVICE**

Scenario	Number of Segments <sup>1</sup> Operating at:				Weighted Average V/C Ratio (all segments*)	Vehicle Miles of Travel
	LOS D or better	LOS E	LOS F	Unsatisfactory LOS (E or F)		
Year 2008 Existing Conditions	455	19	34	<b>53</b>	0.720	258,254
Year 2030 Current Plan	425	38	45	83	0.764	289,602
Year 2030 NCP (Proposed TOD Plan with 4Ds <sup>2</sup> )	407	47	54	<b>101</b>	0.793	303,704
<b>Proposed TIMP Alternatives</b>						
Year 2030 NCP No Bike Lanes	409	44	55	<b>99</b>	0.786	303,578
Year 2030 NCP Full Bike Lanes	389	41	78	<b>119</b>	0.820	297,762
Year 2030 NCP Alternative Bike Lanes	397	43	68	<b>111</b>	0.802	300,345

Note:

1. Segments include major highways, secondary highways, and collector streets within CPA.
2. See Chapter 6 for further description.

## CHAPTER 7. CONGESTION MANAGEMENT PROGRAM ANALYSIS

Analyses were conducted to comply with the Los Angeles County CMP requirements. This analysis was conducted in accordance with the procedures outlined in the 2010 Congestion Management Program for Los Angeles County. The CMP requires that when a traffic impact analysis is prepared for a project, traffic impact analyses be conducted for select regional facilities based on the quantity of project traffic expected to use those facilities.

### 7.1 CMP THRESHOLDS OF SIGNIFICANCE

The guidelines set forth in the 2010 CMP for Los Angeles County, indicate that if a proposed development project adds 150 or more trips in either direction during either the morning or evening peak hour to the mainline freeway monitoring location, then a CMP freeway analysis must be conducted. If a proposed project adds 50 or more peak hour trips in either the AM or PM peak hour (of adjacent street traffic) to a CMP arterial intersection, then a CMP arterial intersection analysis must be conducted.

For the purpose of a CMP Traffic Impact Analysis, a project impact is considered to be significant if the proposed project increases traffic demand, as determined by comparing each Year 2030 scenario to existing (2008) without project conditions, on a CMP facility by 2 percent of capacity ( $V/C \geq 0.02$ ), causing or worsening LOS F ( $V/C \geq 1.00$ ). Under these criteria, a project would not be considered to have a regionally significant impact if the analyzed facility is operating at LOS E or better after the addition of project traffic regardless of the increase in V/C ratio caused by the project. If the facility is operating at LOS F with project traffic, and the incremental change in the V/C ratio caused by the project is 0.02 or greater, the project would be considered to have a significant impact.

### 7.2 CMP ANALYSIS

A regional analysis was conducted to quantify potential impacts of the three proposed TIMP scenarios on the regional freeway system serving the CPA. One freeway mainline location and no arterial monitoring locations were identified within the CPA. The mainline location is located just east of La Brea Avenue on I-10, identified as the following CMP Freeway Monitoring Station in *2010 Congestion Management Program for Los Angeles County*.

- Route 10, at postmile R10.71, east of La Brea Avenue

Existing freeway mainline traffic volumes were obtained from *2010 Congestion Management Program for Los Angeles County* for the selected freeway mainline location. Traffic forecasts for each Year 2030 scenario were developed by adding the difference between the forecasted traffic volume and the validated base year traffic volume to the 2008 traffic volume. The demand-to-capacity (D/C) ratios were calculated for each freeway segment using a capacity of 2,000 vehicles per hour per lane (vphpl) for travel lanes, and 1,250 vphpl for auxiliary lanes. Freeway segment levels of service were determined based on D/C ratios and the definitions shown in Table 7-1.

**TABLE 7-1: CMP FREEWAY SEGMENT LEVEL OF SERVICE DEFINITIONS**

Level of Service (LOS)	Demand/Capacity Ratio Threshold	Flow Conditions
A	0.00 - 0.35	Highest quality of service. Free traffic flow, low volumes and densities. Little or no restriction on maneuverability or speed.
B	>0.35 - 0.54	Stable traffic flow, speed becoming slightly restricted. Low restriction on maneuverability.
C	>0.54 - 0.77	Stable traffic flow, but less freedom to select speed, change lanes or pass. Density increasing.
D	>0.77 - 0.93	Approaching unstable flow. Speeds tolerable but subject to sudden and considerable variation. Less maneuverability and driver comfort.
E	>0.93 - 1.00	Unstable traffic flow with rapidly fluctuating speeds and flow rates. Short headways, low maneuverability and low driver comfort.
F(0)	>1.00 - 1.25	Forced traffic flow. Speed and flow may be greatly reduced with high densities.
F(1)	>1.25 - 1.35	Forced traffic flow. Severe congested conditions prevail for more than one hour. Speed and flow may drop to zero with high densities.
F(2)	>1.35 - 1.45	Forced traffic flow. Severe congested conditions prevail for more than one hour. Speed and flow may drop to zero with high densities.
F(3)	>1.45	Forced traffic flow. Severe congested conditions prevail for more than one hour. Speed and flow may drop to zero with high densities.

Source: Adapted from Los Angeles County Metropolitan Transportation Authority, 2010 Congestion Management Program for Los Angeles County, 2010.

The significant impact criteria established by the CMP states that a project would generate significant regional freeway impacts if the project increases traffic demand on a CMP facility by 2 percent of capacity ( $V/C \geq 0.02$ ), causing or worsening LOS F ( $V/C > 1.00$ ). The segment analysis at the freeway monitoring station location is displayed in Appendix G.

As shown in Appendix G, the proposed West Adams-Baldwin Hills-Leimert Park TIMP would result in a significant impact on the freeway monitoring station location during the AM and PM peak hours. As there is no feasible mitigation within the existing right-of-way, and taking additional right-of-way for vehicular traffic may conflict with a number of other policies, the impacts would remain significant and unavoidable. However, implementation of the proposed goals and policies of the New Community Plan Program regarding walking, bicycling, transit use, transit-oriented development, and TDM would serve to reduce vehicle tripmaking improve mobility within the CPA.

### 7.3 CMP TRANSIT ANALYSIS

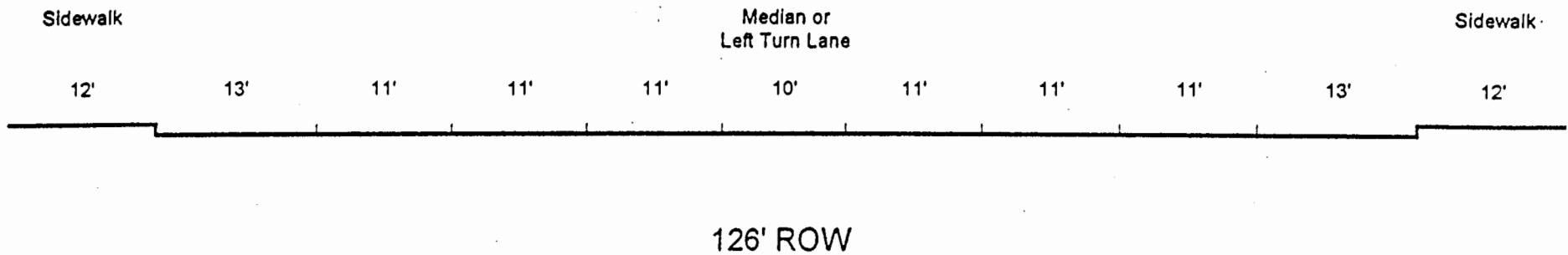
Fixed-route public transportation service in the West Adams-Baldwin Hills-Leimert Park Community Plan Area is currently provided by the Los Angeles County Metropolitan Transit Authority (Metro), the Los Angeles Department of Transportation (LADOT) and the Santa Monica Big Blue Bus. The bus routes serving the Community Plan Area are described in Chapter 2.

The transit and TDM elements of the proposed TIMP are intended to reduce the number of vehicle trips within the study area, particularly the home based work commuter trips during peak periods. The

increased services envisioned in the plan area are focused along Crenshaw Boulevard, with the addition of the Crenshaw/LAX Light Rail Transit Line. This new transit line will connect with the Exposition Light Rail Transit Line that will ultimately travel from Downtown Los Angeles to the City of Santa Monica. It is also expected that the Exposition and Crenshaw Light Rail Transit lines will be supplemented by expanded circulator and feeder services in and around the West Adams-Baldwin Hills-Leimert Park CPA. The transit system improvements contained in the proposed West Adams-Baldwin Hills-Leimert Park TIMP are intended to add sufficient additional capacity to the transit system so as to accommodate increased ridership generated by the plan. The City of Los Angeles and Metro will continue to work together to ensure that the future transit supply in the area is consistent with the West Adams-Baldwin Hills-Leimert Park Community Plan.

**APPENDIX A:  
EXHIBITS OF GENERALIZED STREET CROSS SECTIONS**

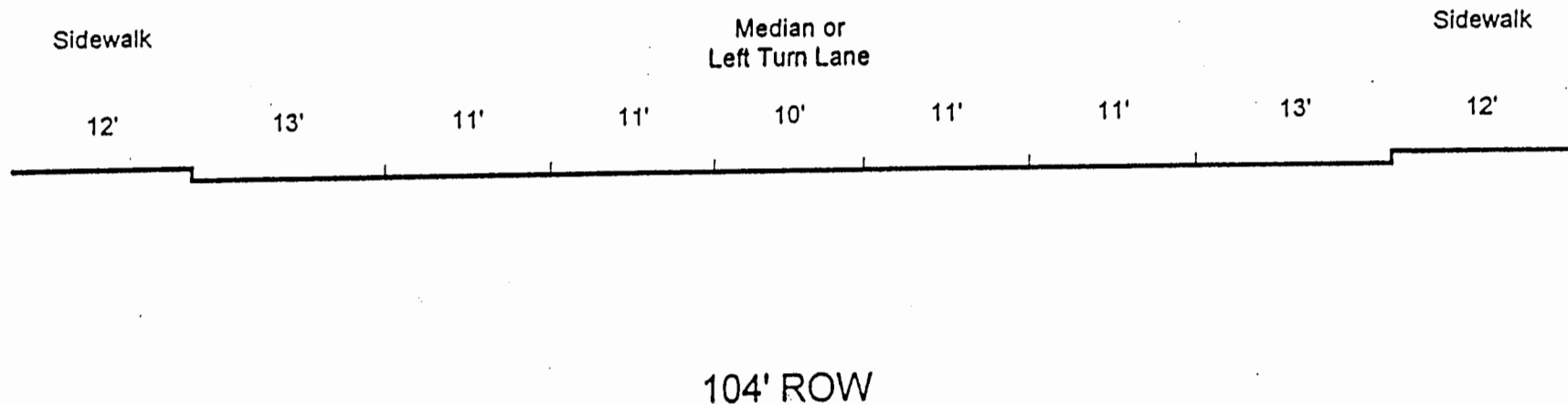
**MAJOR HIGHWAY - CLASS I**  
**Six Lanes + Left Turn Lane + 2 Part-time Parking Lanes**  
**Typical Generalized Cross Section**



**Notes:**

1. Flare sections should be required at intersections with other major highways in order to provide dual left turn lanes. An additional ten (10) feet of right-of way would be necessary with a flare section designed to City standard.
2. The standard Major Highway - Class I cross section can accommodate Transit Priority treatment without lane or roadway modification.
3. Requires peak hour parking restrictions (TANS).

**MAJOR HIGHWAY - CLASS II.a.**  
**Standard**  
**Four Lanes + Left Turn Lane + 2 Part-time Parking Lanes**  
**Typical Generalized Cross Section**



**Notes:**

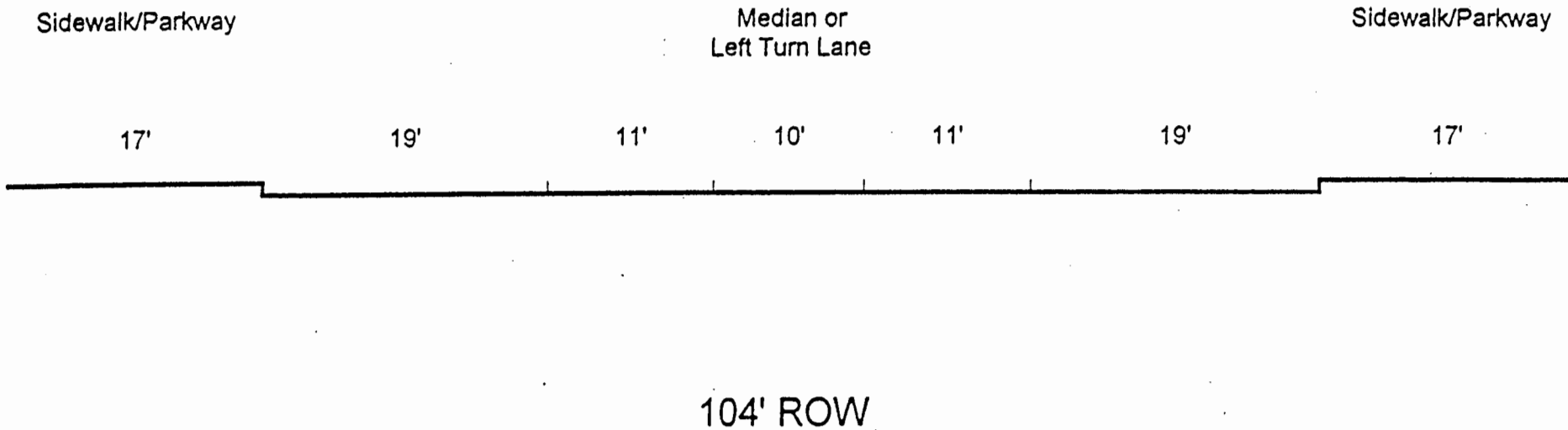
1. The standard Major Highway - Class II cross section can accommodate transit priority treatment without lane or roadway modification.
2. Flare sections may be required at intersections with other major highways in order to provide dual left turn lanes. An additional ten (10) feet of right-of-way would be necessary with a flare section designed to City standard.
3. Requires peak hour parking restrictions (TANS).

# MAJOR HIGHWAY - CLASS II.b.

## Pedestrian Priority Segments

Four Lanes + Left Turn Lane + Curb Parking (all day)

Typical Generalized Cross Section



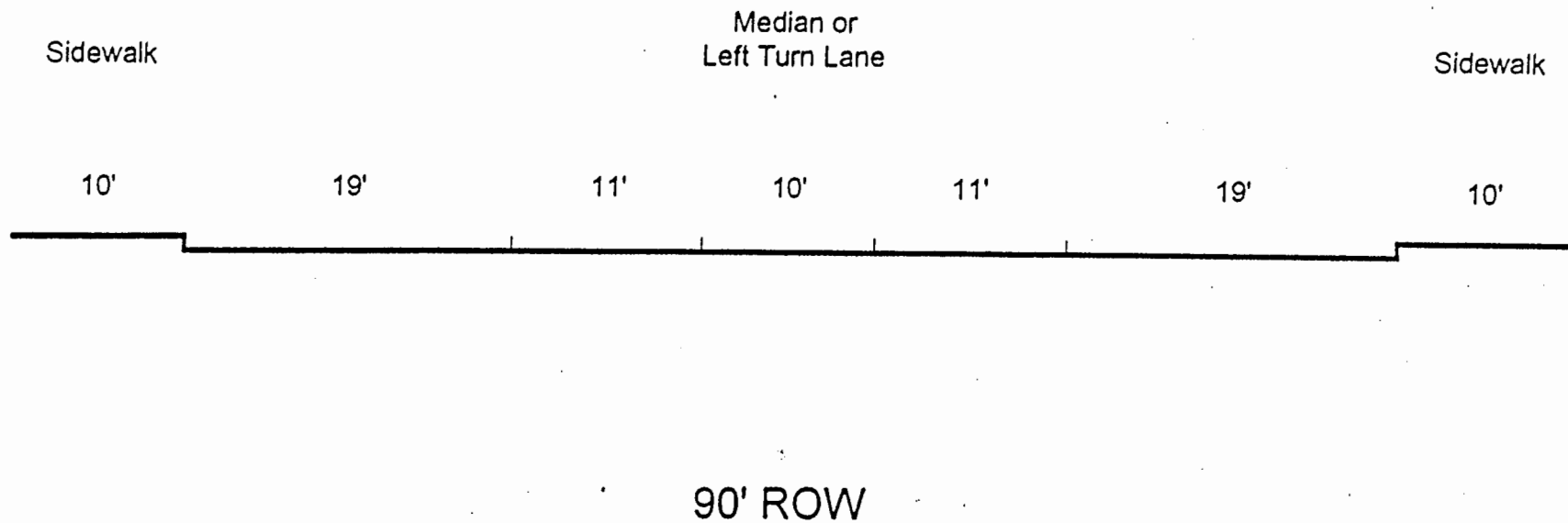


# SECONDARY HIGHWAY

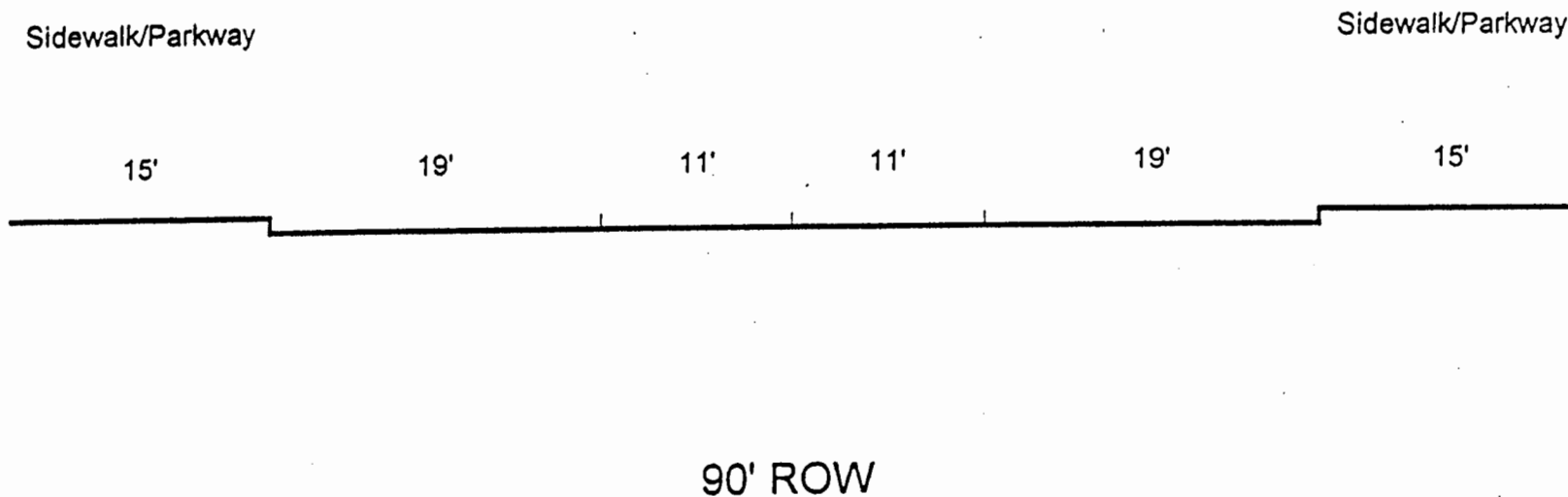
Standard

Four Lanes + Left Turn Lane + Curb Parking (all day)

Typical Generalized Cross Section



**SECONDARY HIGHWAY**  
**Pedestrian Priority Segments**  
**Four Lanes + Curb Parking (all day)**  
**Typical Generalized Cross Section**



Note:

Left turn lanes may be required at intersections with major and secondary highways, necessitating removal of curb parking on both sides of the street and both sides of the intersection for a distance of 150 feet along with restriping.

Notes:

- 1) Where major or secondary highways are divided by a raised and/or landscaped median and are designated as divided highways, the width of the raised median shall not be considered as apart of the highway for the purpose of calculating the width of the half-street dedication or the width of the half-street improvements.
- 2) Minimum sidewalk/parkway width on all block faces adjacent to a fixed rail portal or platform shall be 15'. Easements may be required in addition to the dedication indicated to achieve this width.
- 3) Pedestrian priority segments may include up to 3' of landscaped parkway at mid block as part of 15' - 17' sidewalk/parkway width.
- 4) Flare sections on Major Highway-Class I or Class-II streets may be required at intersections with other major highways, in order to provide dual left turn lanes. An additional ten (10) feet of right-of-way would be necessary with a flare section designed to City standard.

**APPENDIX B:  
EXISTING STREET INVENTORY**

**APPENDIX B  
EXISTING SURFACE STREET CHARACTERISTICS**

SEGMENT	FROM	TO	ROAD TYPE	LANE		MEDIAN TYPE	PARKING RESTRICTIONS		SPEED LIMIT
				NB/EB	SB/WB		NB/EB	SB/WB	
Pico Bl	West Bl	Crenshaw Bl	H	2	2	2LT	PA	PA	35
	Crenshaw Bl	6th Av		2	2	DY	PA	PA	35
	6th Av	Arlington Av		2	2	DY	PA	PA	35
18th St	Robertson Bl	La Cienega Bl	C	1	1	SDY	PA	PA	35
	La Cienega Bl	Fairfax Av	C	1	1	SDY	PA	PA	30
Venice Bl	National Bl	La Cienega Bl	S	3	3	RM	PA	PA	35
	La Cienega Bl	Fairfax Av	S	3	3	RM	PA	PA	35
	Fairfax Av	Thurman Av	S	3	3	RM	PA	PA	35
	Thurman Av	Hauser Bl	S	3	3	RM	PA	PA	35
	Hauser Bl	Cochran Av	S	3	3	RM	PA	PA	35
	Cochran Av	Redondo Bl	S	3	3	RM	NSAT	NSAT	35
	Redondo Bl	La Brea Av	S	3	3	RM	NSAT	NSAT	35
	La Brea Av	Rimpau Bl	S	3	3	RM	NSAT	NSAT	35
	Rimpau Bl	West Bl	S	3	3	RM	NSAT	NSAT	35
	West Bl	Crenshaw Bl	S	3	3	RM	NSAT	NSAT	35
	Crenshaw Bl	6th Av	S	3	3	2LT	PA (-AM)	NSAT	35
	6th Av	Arlington Av	S	3	3	2LT	PA	PA	35
Washington Bl	Fairfax Av	Hauser Bl	H	2	2	2LT	PA	PA (-AM)	35
	Hauser Bl	Redondo Bl	H	2	2	2LT	PA	PA (-AM)	35
	Redondo Bl	La Brea Av	H	2	2	2LT	PA	PA (-AM)	35
	La Brea Av	Rimpau Bl	H	2	2	RM	PA	PA (-AM)	35
	Rimpau Bl	West Bl	H	2	2	RM	PA	PA (-AM)	35
	West Bl	Crenshaw Bl	H	2	2	2LT	PA	PA (-AM)	35
	Crenshaw Bl	6th Av	H	2	2	2LT	PA	PA	35
	6th Av	Arlington Av	H	2	2	2LT	PA	PA	35
Adams Bl	Fairfax Av	Hauser Bl	H	2	2	DY	PA	PA	35
	Hauser Bl	Redondo Bl	H	2	2	2LT	PA	PA	35
	Redondo Bl	La Brea Av	H	2	2	2LT	PA	PA	35
	La Brea Av	Harcourt Av	H	2	2	2LT	PA	PA	35
	Harcourt Av	Buckingham Rd	H	2	2	2LT	PA	PA	35
	Buckingham Rd	Crenshaw Bl	H	2	2	2LT	PA	PA	35
	Crenshaw Bl	Mont Clair St	H	2	2	DY	PA	PA	35
	Mont Clair St	7th St	H	2	2	DY	PA	PA	35
7th St	Arlington Av	H	2	2	DY	PA	PA	35	
National Bl	Castle Heights	Robertson Bl	S	1	1	2LT	PA	PA	35
	Robertson Bl	Venice Bl	S	2	2	RM	NSAT	NSAT	35
	Venice Bl	Washington Bl	S	2	2	DY	PA	PA	35
Exposition Bl	La Brea Av	Buckingham Rd	C	1	1	SDY	PA	PA	35
	Buckingham Rd	Crenshaw Bl	C	1	1	SDY	PA	PA	35
	Crenshaw Bl	Deacon Av	C	1	1	2LT	NSAT	NSAT	35
	Deacon Av	7th St	C	1	1	2LT	NSAT	NSAT	35
	7th St	3 rd St	C	1	1	2LT	NSAT	NSAT	35
	3rd	Arlington Av	C	1	1	2LT	NSAT	NSAT	35
Westhaven St	Hauser Bl	Redondo Bl	C	1	1	UD	PA	PA	25
	Redondo Bl	La Brea Av	C	1	1	UD	PA	PA	25
Jefferson Bl	La Cienega Bl	Hauser Bl	S	2	2	2LT	PA	PA	35
	Hauser Bl	Redondo Bl	S	2	2	2LT	PA	PA	35
	Redondo Bl	La Brea Av	S	2	2	2LT	PA	PA	35
	La Brea Av	Harcourt Av	S	2	2	DY	PA	PA	35
	Harcourt Av	Buckingham Rd	S	2	2	DY	PA	PA	35
	Buckingham Rd	Crenshaw Bl	S	2	2	DY	PA	PA	35
	Crenshaw Bl	Deacon Av	S	2	2	DY	PA	PA	35
	Deacon Av	7th St	S	2	2	DY	PA	PA	35
	7th St	Arlington Av	S	2	2	DY	PA	PA	35
Rodeo Rd	Jefferson Bl	La Cienega Bl	H	2	2	2LT	NSAT	NSAT	35
	La Cienega Bl	La Brea Av	H	3	2	2LT	PA (-PM)	PA	35
	La Brea Av	Martin Luther King, Jr. Bl	H	2	2	2LT	NSAT	PA	35
	Martin Luther King, Jr. Bl	Crenshaw Bl	S	2	2	DY	PA	PA	35
	Crenshaw Bl	7th St	S	2	2	DY	PA	PA	35
	7th St	Arlington Av	S	2	2	DY	PA	PA	35
Coliseum St	Clyde	La Brea Av	C	1	1	2LT	PA	PA	35
	La Brea Av	Martin Luther King, Jr. Bl	C	1	1	DY	PA	PA	35
	Martin Luther King, Jr. Bl	Crenshaw Bl	C	1	1	SDY	PA	PA	35
	Crenshaw Bl	Deacon Av	C	1	1	SDY	PA	PA	35
	Deacon Av	Rodeo Rd	C	1	1	SDY	PA	PA	35
Stocker St	La Brea Av	Crenshaw Bl	H	2	2	RM	NSAT	NSAT	40
	Crenshaw Bl	Leimert Bl	C	1	1	RM	PA	PA	40

**APPENDIX B (CONTINUED)  
EXISTING SURFACE STREET CHARACTERISTICS**

SEGMENT	FROM	TO	ROAD TYPE	LANE		MEDIAN TYPE	PARKING RESTRICTIONS		SPEED LIMIT
				NB/EB	SB/WB		NB/EB	SB/WB	
W Slauson Av	La Brea Av	Angeles Vista Bl	H	3	3	2LT	PA *2	PA *2	35
	Angeles Vista Bl	Alviso Av	H	2	3	2LT	PA *2	PA *2	35
	Alviso Av	West Bl	H	2	2	2LT	PA *2	PA *2	35
	West Bl	Crenshaw Bl	H	2	2	2LT	PA *2	NSAT	35
	Crenshaw Bl	8th Av	H	2	2	2LT	NSAT	NSAT	35
	8th Av	Arlington Av	H	2	2	2LT	PA *2	NSAT	35
Hyde Park Bl	West Bl	Crenshaw Bl	S	1	1	SDY	PA	PA	30
	Crenshaw Bl	8th Av	S	1	1	SDY	PA	PA	30
	8th Av	Van Ness Av	S	1	1	UD	PA	PA	30
Florence Av	West Bl	Crenshaw Bl	H	3	3	2LT	PA *2	PA *2	30
	Crenshaw Bl	8th Av	H	3	3	2LT	PA *2	PA *2	35
	8th Av	Van Ness Av	H	3	3	2LT	PA *2	PA *2	35
Robertson Bl	18th St	Cadillac Av	S	2	2	DY	PA	PA	35
	Cadillac Av	Cattaraugus Av	S	2	2	DY	PA	PA	35
	Cattaraugus Av	National Bl	S	2	2	2LT	PA	PA	35
La Cienega Bl	18th St	Cadillac Av	H	3	3	2LT	PA (-AM, PM)	PA (-AM, PM)	45
	Cadillac Av	Venice Bl	H	3	3	DY	NSAT	NSAT	35
	Venice Bl	Washington Bl	H	3	3	2LT	NSAT	NSAT	35
	Washington Bl	Jefferson Bl	H	3	2	2LT	NSAT	NSAT	35
	Jefferson Bl	Rodeo Rd	H	3	3	2LT	NSAT	NSAT	35
	Rodeo Rd	W Slauson Av	H	3	3	RM	NSAT	NSAT	45
La Cienega Av	La Cienega Bl	Washington Bl	H	1	1	DY	PA	PA	30
Fairfax Av	18th St	Venice Bl	H	1	1	2LT	PA	PA	30
	Venice Bl	Washington Bl	H	2	2	2LT	NSAT	NSAT	35
	Washington Bl	Adams Bl	H	2	2	2LT	NSAT	PA	35
	Adams Bl	La Cienega Bl	H	2	2	2LT	NSAT	PA	35
Hauser Bl	Venice Bl	Washington Bl	C	1	1	2LT	PA	PA	35
	Washington Bl	Adams Bl	C	1	1	SDY	PA	PA	30
	Adams Bl	Westhaven St	C	1	1	SDY	PA	PA	30
	Westhaven St	Jefferson Bl	C	1	1	SDY	PA	PA	30
Redondo Bl	Venice Bl	Washington Bl	S	1	1	2LT	PA	PA	35
	Washington Bl	Adams Bl	S	1	1	2LT	PA	PA	35
	Adams Bl	Westhaven St	S	1	1	2LT	PA	PA	35
	Westhaven St	Jefferson Bl	S	1	1	2LT	PA	PA	35
	Exposition Bl	Rodeo Rd	S	1	1	UD	PA	PA	35
La Brea Av	Venice Bl	Washington Bl	H	3	3	2LT	PA (-AM, PM)	PA (-AM, PM)	35
	Washington Bl	Adams Bl	H	3	3	2LT	PA (-AM, PM)	PA (-AM, PM)	35
	Adams Bl	Jefferson Bl	H	3	3	2LT	NSAT	NSAT	35
	Jefferson Bl	Exposition Bl	H	3	3	2LT	NSAT	NSAT	35
	Exposition Bl	Rodeo Rd	H	3	3	2LT	NSAT	NSAT	35
	Rodeo Rd	Coliseum St	H	3	3	2LT	NSAT	NSAT	35
	Coliseum St	Stocker St	H	3	3	RM	NSAT	NSAT	45
Crenshaw Bl	Pico Bl	Venice Bl	H	2	2	DY	PA	PA	35
	Venice Bl	Washington Bl	H	2	2	DY	PA	PA	35
	Washington Bl	Adams Bl	H	3	3	2LT	PA *1	PA *1	35
	Adams Bl	Jefferson Bl	H	3	3	2LT	PA *1	PA *1	35
	Jefferson Bl	Exposition Bl	H	3	3	2LT	PA *1	PA *1	35
	Exposition Bl	Rodeo Rd	H	3	3	2LT	PA *1	PA *1	35
	Rodeo Rd	Coliseum St	H	3	3	DY	NSAT	NSAT	35
	Coliseum St	Martin Luther King, Jr. Bl	H	3	3	DY	NSAT	NSAT	35
	Martin Luther King, Jr. Bl	Stocker St	H	3	3	2LT	PA *1	NSAT	35
	Stocker St	Vernon Av	H	3	3	2LT	PA *2	PA *2	35
	Vernon Av	48th St	H	3	3	2LT	PA *2	PA *2	35
	48th St	54th St	H	3	3	RM	NSAT *3	NSAT *3	35
	54th St	W Slauson Av	H	3	3	RM	NSAT *3	NSAT *3	35
	W Slauson Av	60th St	H	3	3	RM	PA	PA	35
	60th St	Hyde Park Bl	H	3	3	2LT	PA *2	PA *2	35
Hyde Park Bl	Florence Av	H	3	3	2LT	PA *2	PA *2	35	
Florence Av	Manchester Bl	H	3	3	DY	PA *2	PA *2	35	
Arlington Av	Pico Bl	Venice Bl	S	2	2	DY	PA *2	PA *2	35
	Venice Bl	Washington Bl	S	2	2	DY	PA *2	PA *2	35
	Washington Bl	Adams Bl	S	2	2	DY	PA *2	PA *2	35
	Adams Bl	Jefferson Bl	S	2	2	DY	PA *2	PA *2	35
	Jefferson Bl	Exposition Bl	S	2	2	DY	PA *2	PA *2	35
	Exposition Bl	Rodeo Rd	S	2	2	DY	PA *2	PA *2	35
	Rodeo Rd	Martin Luther King, Jr. Bl	S	2	2	DY	PA *2	PA *2	35

**APPENDIX B (CONTINUED)**  
**EXISTING SURFACE STREET CHARACTERISTICS**

SEGMENT	FROM	TO	ROAD TYPE	LANE		MEDIAN TYPE	PARKING RESTRICTIONS		SPEED LIMIT
				NB/EB	SB/WB		NB/EB	SB/WB	
Arlington Av (Continued)	Martin Luther King, Jr. Bl	Vernon Av	S	2	2	DY	PA *2	PA *2	35
	Vernon Av	54th St	S	1	1	DY	PA	PA	35
Cattaraugus Av	Castle Heights	Robertson Bl	C	1	1	SDY	PA	PA	25
	Robertson Bl	Venice Bl	C	1	1	DY	PA	PA	25
	Venice Bl	Washington Bl	C	1	1	SDY	NSAT	PA	25
Beverlywood St	Castle Heights	Robertson Bl	C	1	1	SDY	PA	PA	25
	Robertson Bl	Garth Av	C	1	1	UD	PA	PA	25
Garth Av	Beverlywood St	Olin St	C	1	1	UD	PA	PA	25
Corning St	Cadillac Av	Garth Av	C	1	1	UD	PA	PA	25
Cadillac Av	Robertson Bl	La Cienega Bl	C	1	1	SDY	PA	PA	25
	La Cienega Bl	Venice Bl	H	2	2	2LT	PA	PA	30
Sherbourne Dr	18th St	Cadillac Av	C	1	1	UD	PA	PA	25
Martin Luther King, Jr. Bl	Rodeo Rd	Coliseum St	H	2	3	RM	PA	NSAT	40
	Coliseum St	Buckingham Rd	H	3	3	DY	PA	NSAT	40
	Buckingham Rd	Crenshaw Bl	H	3	3	RM	NSAT	NSAT	40
	Crenshaw Bl	Degnan Bl	H	2	2	2LT	PA	PA	40
	Degnan Bl	Westside Av	H	2	2	2LT	PA	PA	40
	Westside Av	Leimert Bl	H	2	2	DY	PA	PA	40
	Leimert Bl	Arlington Av	H	3	3	DY	PA	PA (-PM)	35
Thurman Av	Washington Bl	Venice Bl	C	1	1	SDY	PA	PA	35
Cochran Av	Washington Bl	Venice Bl	C	1	1	UD	PA	PA	25
Harcourt Av	Exposition Bl	Jefferson Bl	C	1	1	UD	PA	PA	25
	Jefferson Bl	Adams Bl	C	1	1	UD	PA	PA	25
	Adams Bl	21st St	C	1	1	SDY	PA	NSAT	25
Rimpau Bl	21st St	Washington Bl	C	1	1	UD	PA	PA	25
	Washington Bl	Venice Bl	C	1	1	UD	PA	PA	25
West Bl	Adams Bl	Washington Bl	C	1	1	SDY	PA	PA	30
	Washington Bl	Venice Bl	C	1	1	DY	PA	PA	30
	Venice Bl	Pico Bl	C	1	1	DY	NSAT	NSAT	30
Buckingham Rd	Martin Luther King, Jr. Bl	Rodeo Rd	C	1	1	SDY	PA	PA	25
	Rodeo Rd	Jefferson Bl	C	1	1	SDY	PA	PA	25
	Jefferson Bl	Adams Bl	C	1	1	SDY	PA	PA	25
Chesapeake Av	Coliseum St	Rodeo Rd	C	1	1	UD	PA	PA	25
Farmdale Av	Rodeo Rd	Jefferson Bl	C	1	1	SDY	PA	PA	25
Clyde Av	Rodeo Rd	Coliseum St	C	1	1	UD	PA	PA	25
Sanchez Dr	Coliseum St	La Brea Av	C	1	1	UD	PA	PA	25
76th St	Crenshaw Bl	8th Av	C	1	1	SDY	PA	PA	25
	8th Av	5th Av	C	1	1	2LT	PA	PA	25
	5th Av	Van Ness Av	C	1	1	2LT	PA	PA	25
West Bl	Florence Av	Hyde Park Bl	C	2	2	DY	PA	PA	30
	Hyde Park Bl	Slauson Av	C	2	2	DY	PA	PA	30
	Slauson Av	54th St	C	1	1	DY	PA	NSAT	25
54th St	West Bl	Crenshaw Bl	S	2	2	2LT	PA	PA	35
	Crenshaw Bl	8th Av	S	1	1	SDY	PA	PA	35
	8th Av	Van Ness Av	S	2	2	DY	PA	PA	35
60th St	Overhill Dr	Alviso Av	C	1	1	SDY	PA	PA	25
	Alviso Av	West Bl	C	1	1	UD	PA	PA	25
	West Bl	Crenshaw Bl	C	1	1	SDY	PA	PA	25
	Crenshaw Bl	8th Av	C	1	1	SDY	PA	PA	25
	8th Av	Van Ness Av	C	1	1	UD	PA	PA	25
79th St	Crenshaw Bl	8th Av	S	1	1	UD	PA	PA	25
8th Av	79th St	Florence Av	C	1	1	SDY	PA	PA	30
	Florence Av	Hyde Park Bl	C	1	1	SDY	PA	PA	25
	Hyde Park Bl	Slauson Av	C	1	1	SDY	PA	PA	25
	Slauson Av	54th St	C	1	1	SDY	PA	PA	25
	54th St	48th St	C	1	1	UD	PA	NSAT	25
	48th St	Vernon Av	C	1	1	UD	NSAT	PA	25
	Vernon Av	Stocker St	C	1	1	RM	PA	PA	25
5th Av	76th St	Florence Av	C	1	1	UD	PA	PA	25
4th Av	Florence Av	Hyde Park Bl	C	1	1	UD	PA	PA	25
	Hyde Park Bl	Slauson Av	C	1	1	UD	PA	PA	25
	Slauson Av	Vernon Av	C	1	1	SDY	NSAT	PA	25
	Vernon Av	Martin Luther King, Jr. Bl	C	1	1	UD	PA	PA	25
67th St	West Bl	Crenshaw Bl	C	1	1	SDY	PA	PA	30
	Crenshaw Bl	5th Av	C	1	1	SDY	PA	PA	30/25
	5th Av	Van Ness Av	C	1	1	SDY	PA	NSAT	25
Southwest Dr	8th Av	Van Ness Av	C	1	1	SDY	PA	NSAT	30
Alviso Av	64th St	Slauson Av	C	1	1	SDY	PA	PA	25

**APPENDIX B (CONTINUED)  
EXISTING SURFACE STREET CHARACTERISTICS**

SEGMENT	FROM	TO	ROAD TYPE	LANE		MEDIAN TYPE	PARKING RESTRICTIONS		SPEED LIMIT
				NB/EB	SB/WB		NB/EB	SB/WB	
Van Ness Av	76th St	Florence Av	S	1	1	SDY	PA	PA	30
	Florence Av	Hyde Park Bl	S	1	1	SDY	PA	PA	30
	Hyde Park Bl	Slauson Av	S	1	1	SDY	PA	PA	30
	Slauson Av	54th St	S	2	2	SDY	PA	PA	30
42nd St	Stocker Pl	4th Av	C	1	1	RM	PA	PA	25
	4th Av	Arlington Av	C	1	1	UD	PA	PA	25
Vernon Av	Crenshaw Bl	Leimert Bl	S	1	2	DY	NSAT	NSAT	35
	Leimert Bl	8th Av	S	2	2	2LT	PA *2	PA *2	35
	8th Av	Arlington Av	S	2	2	DY	PA *2	PA *2	35
48th St	Crenshaw Bl	8th Av	S	2	2	DY	PA	PA	35
	8th Av	Arlington Av	S	2	2	DY	PA	PA	35
Leimert Bl	Crenshaw Bl	Vernon Av	H	2	2	RM	NSAT	PA	35
	Vernon Av	Stocker St	H	3	2	RM	PA	PA	35
	Stocker St	Martin Luther King, Jr. Bl	H	3	3	RM	PA	PA	35
Santa Rosalia Dr	Stocker St	Marlton Av	C	1	2	2LT	PA	PA	30
	Marlton Av	Coliseum St	C	2	2	DY	PA	PA	35
Don Felipe Dr	Stocker St	Don Miguel Dr	C	1	1	SDY	PA	PA	30
Don Miguel Dr	Don Felipe Dr	Don Lorenzo Dr	C	1	1	SDY	PA	PA	30
Hillcrest Dr	Don Milagro Dr	Santa Rosalia Dr	C	1	1	UD	PA	PA	30
39th St	Buckingham Rd	Crenshaw Bl	C	1	1	UD	PA	PA	30
	Crenshaw Bl	Arlington Av	C	1	1	SDY	PA	PA	30
Dublin Av	Roxton Av	Rodeo Rd	C	1	1	UD	PA	PA	25
Westside Av	Martin Luther King, Jr. Bl	Coliseum St	C	1	1	UD	PA	PA	25
Degnan Bl	Stocker St	Martin Luther King, Jr. Bl	C	1	1	RM	PA	PA	30
	Martin Luther King, Jr. Bl	Rodeo Rd	C	1	1	SDY	PA	PA	25
11th Av	Exposition Bl	Jefferson Bl	C	1	1	UD	PA	PA	30
7th Av	Rodeo Rd	Exposition Bl	C	1	1	SDY	PA	PA	25
	Exposition Bl	Jefferson Bl	C	1	1	SDY	PA	PA	30
	Jefferson Bl	Mont Clair St	C	1	1	SDY	PA	PA	30
	Mont Clair St	Adams Bl	C	1	1	SDY	PA	NSAT	30
6th Av	Adams Bl	Washington Bl	C	1	1	SDY	PA	PA	30
	Washington Bl	Venice Bl	C	1	1	UD	PA	PA	30
	Venice Bl	Pico Bl	C	1	1	UD	PA	PA	30
3rd Av	Rodeo Rd	Exposition Bl	C	1	1	SDY	PA	PA	25
	Exposition Bl	Jefferson Bl	C	1	1	UD	PA	PA	30
Mont Clair St	7th Av	Arlington Av	C	1	1	SDY	PA	PA	30

**Notes:**

\*1 - When cars are parked, it blocks the rightmost lane

\*2 - Same as \*1, but there is NSAT in the morning (usually 7-9AM) and evening (usually 4-6PM or 4-7PM)

\*3 - There is a parallel road alongside the street, separated by an RM, with parking available

MEDIAN TYPE: SDY = Single Dashed Yellow Centerline  
2LT = Dual Left Turn Centerline  
RM = Raised Median  
UD = Undivided Lane

ROAD TYPE: H = Major Highway Class II  
S = Secondary  
C = Collector

PARKING: NSAT = No Stopping Anytime  
GZ = Green zone - Passenger loading and unloading  
RZ = Red zone - No parking allowed  
LANES: # = Number of lanes



**APPENDIX C:  
MODEL DEVELOPMENT REPORT**

# **WEST ADAMS NEW COMMUNITY PLAN MODEL DEVELOPMENT REPORT**

DECEMBER 2011

PREPARED FOR

**CITY OF LOS ANGELES  
DEPARTMENT OF PLANNING**

PREPARED BY

**FEHR  PEERS**

**WEST ADAMS NEW COMMUNITY PLAN  
MODEL DEVELOPMENT REPORT**

December 2011

Prepared for:

**CITY OF LOS ANGELES  
DEPARTMENT OF PLANNING**

Prepared by:

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## TABLE OF CONTENTS

I.	Introduction .....	1
	Background .....	1
	Purpose of Report .....	1
	Overview of Model Development and Implementation .....	2
	Study Area and Road Classifications .....	3
II.	Input Data .....	6
	Zone System Development .....	6
	Socioeconomic Data.....	7
	2005 Highway Network.....	7
III.	Trip Table Development .....	11
IV.	Summary of the Model Validation.....	13
	Trip Assignment.....	13
	Validation Comparison Techniques.....	14
	Validation Guidelines .....	14
	Validation Results.....	15
	Dynamic Validation.....	15

### *References*

Appendix C-1:       Peak Hour Model Validation and Screenline Results

**LIST OF FIGURES**

**NO.**

1	Study Area Roadway Network – West Adams-Baldwin Hills-Leimert Community Plan Area .....	4
2	Traffic Analysis Zones .....	8

**LIST OF TABLES**

**NO.**

1	Results of Peak Hour Model Validation .....	15
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## **I. INTRODUCTION**

### **BACKGROUND**

The City of Los Angeles is updating the Community Plan for the West Adams Community Plan Area (CPA). As part of the environmental review process, a travel demand forecasting model is required to evaluate future travel patterns around the community that may result from future changes to the transportation system and potential land use alternatives.

This report documents the development and validation of the travel demand forecasting model. It describes the development of the transportation model that will be used to assess the future transportation needs associated with land use changes and new development in the area. This document describes the model development process, including the sources of data used to develop key model inputs and presents model validation results that measure the model's ability to replicate existing traffic conditions.

The model will help identify and evaluate the transportation improvements needed to accommodate anticipated changes in activity, land use patterns and densities in the West Adams CPA. In addition to the aforementioned, the model will contain a representation of infrastructure improvements, such as the widening of existing roads. The model will be used to forecast travel on facilities in the study area, to reflect traffic conditions with and without the proposed improvements, and to evaluate the effectiveness of these improvements at mitigating congestion.

### **PURPOSE OF REPORT**

This document outlines the overall methodology and assumptions used to develop the travel demand forecasting model. In addition, this report documents all the procedures used in the model development and validation processes. A description of the various sub-tasks involved in the development and validation processes is provided in this report. The key sub-tasks involved are:

- Traffic Analysis Zone (TAZ) system development
- Highway network development
- Trip table development
- Traffic assignment process
- Model calibration/validation process

## **OVERVIEW OF MODEL DEVELOPMENT AND IMPLEMENTATION**

The travel demand model for the West Adams CPA was developed using TRANPLAN (version 9.2) modeling software. The model is designed to produce both morning and afternoon peak hour traffic flows on roadway facilities in the study area based on comprehensive land use and socioeconomic data (SED).

The West Adams model is a “focused” version of the Southern California Association of Governments (SCAG) regional model. This means that the SCAG regional model was used as a starting point in the development of the West Adams model. The development of the West Adams model consisted of several modifications to the SCAG regional model to enable it to estimate traffic more accurately in the West Adams sub-area. These modifications primarily consisted of adding more TAZ and roadway network detail in the study area. This modified model network and zone system provides a greatly refined and updated representation of all the facilities of interest in the West Adams CPA study area. Outside the model study area, the zone system and network become gradually less detailed. The study area for this model consists of the entire West Adams CPA, bounded by 18<sup>th</sup> Street, Venice Boulevard and Pico Boulevard to the north, Robertson Boulevard, Culver City, the Kenneth Hahn State Recreation Area, unincorporated Los Angeles County and Inglewood to the west, Inglewood to the south, and Arlington Avenue and Van Ness Avenue to the east.

The travel demand model is based on SED, trip tables, and network data from the 2004 Regional Transportation Plan (RTP). The SCAG data from the 2004 RTP was used in the development and validation of the West Adams CPA travel demand model. This ensured that the model produced traffic forecasts that reasonably resemble base year observed traffic counts obtained in the study area.

Following validation of the base year (2005) model, the travel demand model will be used along with future year SCAG and West Adams CPA land use projections to produce forecasts of future traffic flows in the West Adams CPA study area. These forecasts were used in the identification of system deficiencies and the development of alternatives for the West Adams Community Plan Update.

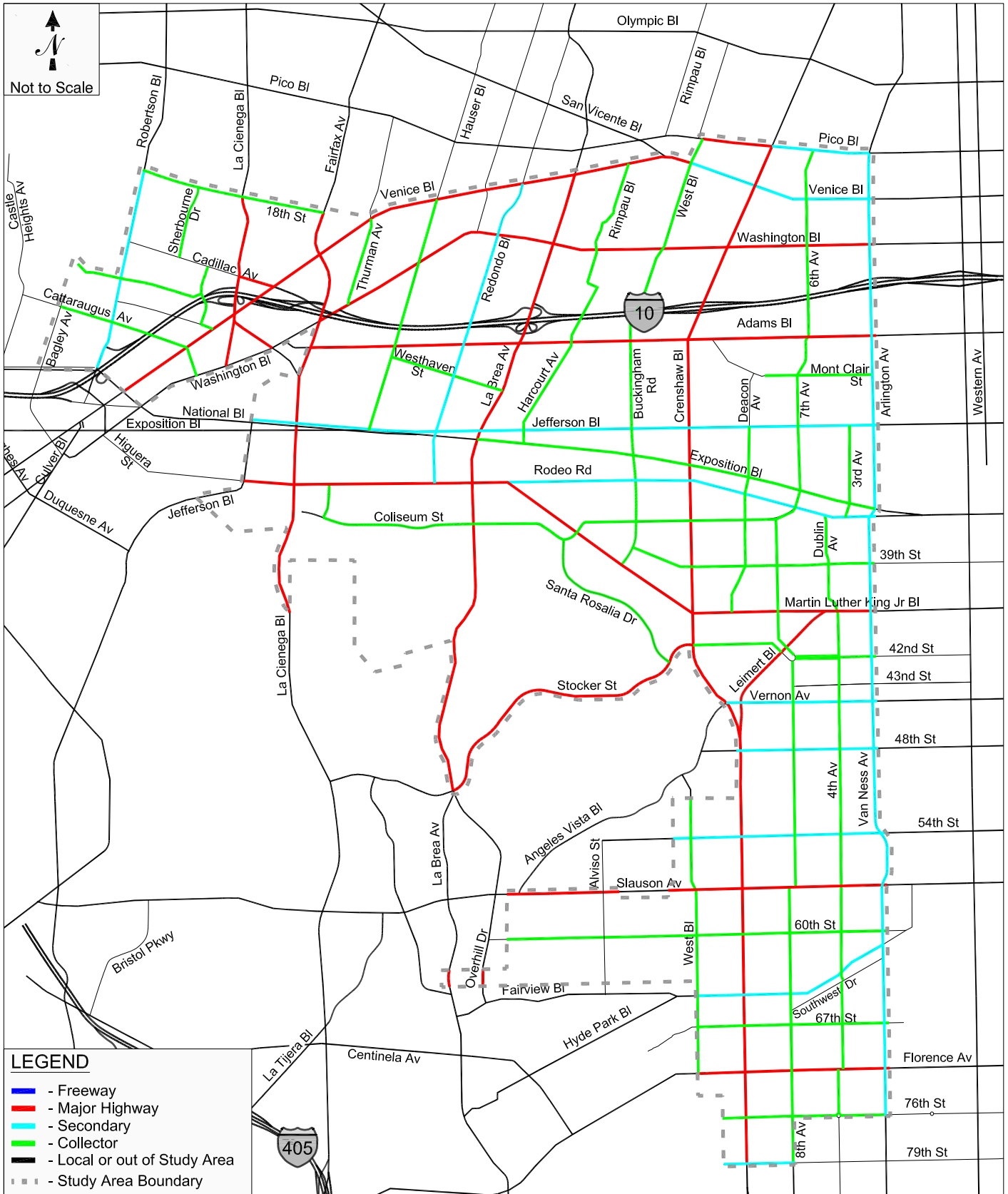
## **STUDY AREA AND ROAD CLASSIFICATIONS**

Figure 1 shows the study area for the West Adams CPA Travel Demand Model. The model area encompasses the study area that was used in the environmental review process. The roads shown in the figure are classified into four categories (Freeway, Highway, Secondary or Arterial, and Collector) and form the primary road network represented in the model structure. Although a large, regional model such as the SCAG model is primarily intended to forecast traffic on regionally significant roadway facilities (highways, and freeways), the addition of zonal and network detail within the West Adams study area, and the other adjustments and refinements that were made to the SCAG model, will improve the model's ability to forecast traffic on the lower functional class facilities (arterials and collectors) within West Adams. The road categories are described below.

### **Freeways**

Freeways are high-capacity facilities that primarily serve long-distance travel. Access is limited to interchanges that are typically spaced at least one mile apart. The freeways in the West Adams CPA include Interstate 5, Interstate 10, United States Highway 101 and State Route 60.





**STUDY AREA ROADWAY NETWORK  
WEST ADAMS - BALDWIN HILLS -  
LEIMERT COMMUNITY PLAN AREA**

## **Highways**

Roadways designated as highways are typically state highways that are not limited-access freeways. State designated routes through the West Adams CPA include Venice Boulevard (SR187).

## **Arterials**

Roadway segments classified as arterials are major roads that provide connections between developed areas of the City or from developed areas to the freeway system. Arterials in the West Adams CPA typically have between two and four lanes in each direction, with travel speeds ranging from 30 to 45 miles per hour (mph).

## **Collectors**

Collectors are facilities that connect local streets to the arterial and highway system, and may provide direct access to some local land uses. Collectors typically have one lane in each direction, with speeds of around 25 to 30 mph.

## II. INPUT DATA

The West Adams CPA travel demand model incorporates many types of input data, which are further described in this chapter.

### ZONE SYSTEM DEVELOPMENT

Travel demand models typically divide the study area into traffic analysis zones (TAZs). Each TAZ represents the residential and commercial development within a small part of the study area. Residential development is frequently measured by counting the number of households in each TAZ. For commercial development, the number of employees working in various sectors of the economy is used, for example, the number of retail employees. In general, the more development contained within a given TAZ translates into higher levels of trip making activity, which frequently occurs as one moves from the rural parts of a region to the more urban parts of the region. In order to represent this higher level of trip making activity more accurately, zones will tend to decrease in size, and the roadway network will tend to increase in terms of level of detail, as one moves from the more rural to the more urban (and developed) parts of the study area.

After reviewing the TAZ system used in the SCAG 2004 RTP model, along with the roadway network and recent aerial photographs, several modifications were made to the TAZ boundaries. A number of large TAZs were subdivided or split into smaller TAZs to add detail and to allow for future representation of land use patterns in areas expected to experience significant land use changes. This process is frequently referred to as TAZ “disaggregation.” These TAZs were also split to follow the street network more accurately.

The TAZ system developed for the West Adams CPA model divides the counties of Los Angeles, Orange, Ventura, San Bernardino and Riverside into 3,388 zones. There are a total of 91 zones in the West Adams CPA study area, increased from a total of 37 zones in the SCAG model. The resulting 2000 model TAZ system, showing the zones in the model study area, is shown in Figure 2.

## **SOCIOECONOMIC DATA**

Existing SED is an important input to the West Adams CPA travel demand model. For the purposes of this model development, the SED categories used in the SCAG 2004 RTP model were maintained. Comparisons were made to aerial photographs and available data concerning major institutions (such as hospitals, park land, cemeteries, schools and universities).

## **2005 HIGHWAY NETWORK**

This section of the report describes details of the highway network representation in the model and provides information on the processes used to create the base year model network.

The model network defines the highway system in terms of a series of links (representing roadway segments) and nodes (representing intersections or intermediate access points). Centroids, a specialized version of nodes, represent TAZs. Centroid connector links connect these zones to the roadway network. The links representing roadways connect nodes and form a network of facilities similar to what a driver in the real world would experience. For example, the model has the ability to represent one-way roads (freeways, and freeway ramps), and prohibit traffic from being assigned to these facilities in the wrong direction. A description of the overall highway network process follows.

### **Highway Network**

The base year model network in the study area includes all freeways, major and minor arterials, collector streets, and some local streets (those observed to function more as collectors than as locals). Furthermore, the study area freeway interchanges are modeled as individual ramps. Zone centroid connectors are typically connected to collectors unless there are direct connections to higher functional class facilities such as major arterials. In those cases, they are

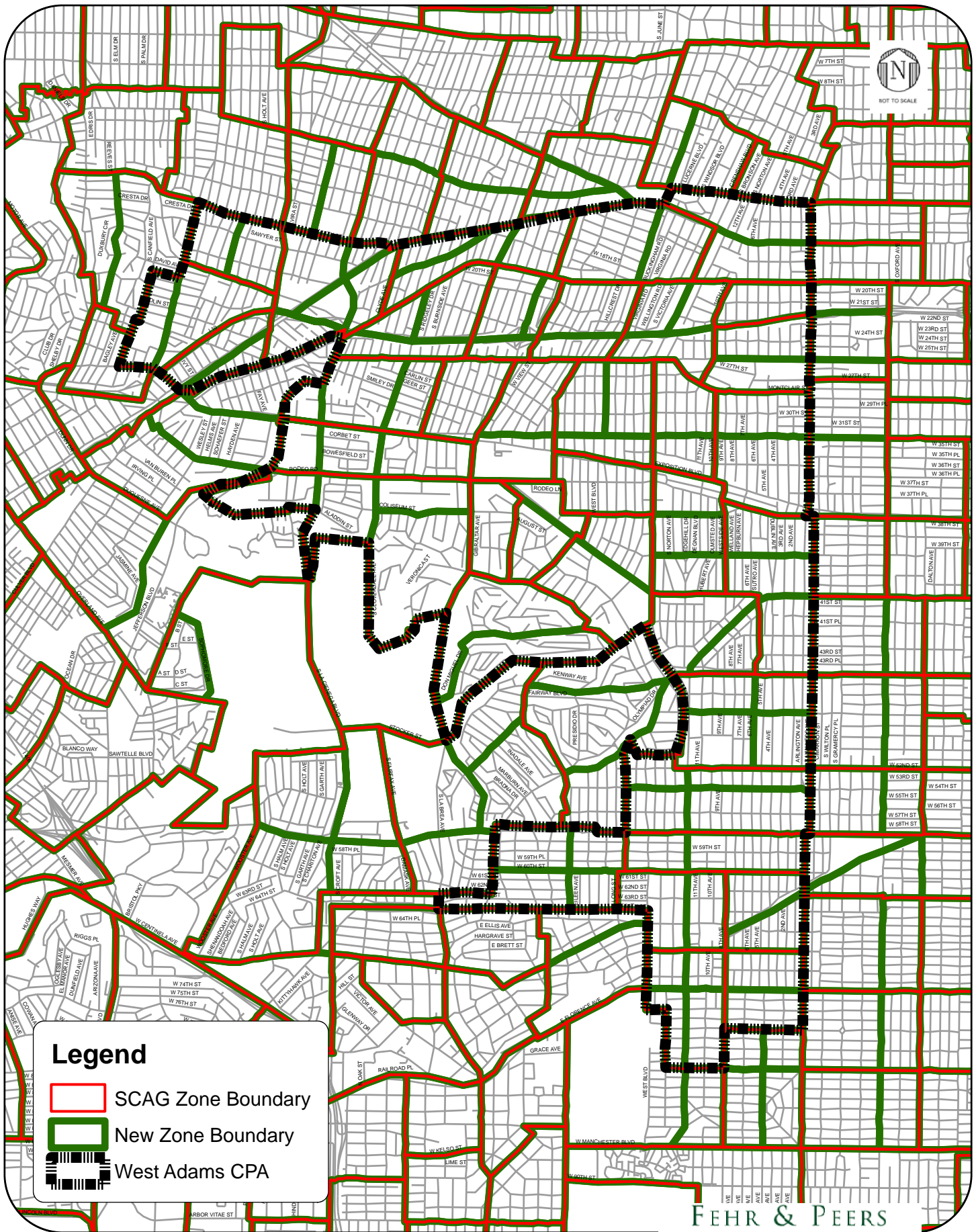


FIGURE 2  
TRAFFIC ANALYSIS ZONES

connected to the network in such a way that the model is as true a representation of “reality” as possible.

### **Link Characteristics**

The SCAG 2004 RTP model base network was used as the starting point for the base year highway network developed for the West Adams CPA Travel Demand Forecasting Model. Base year network link attributes were checked and corrected to reflect 2005 highway network conditions. These attributes consisted mainly of the number of travel lanes during each of the peak hours, free flow travel speeds, and roadway capacities.

The modes used in the base network to allow for multi-modal traffic assignment and tracking travel forecasts by mode were kept consistent with the SCAG 2004 RTP model. These modes included autos, carpools, and trucks. Auto modes included the drive-alone cars while carpools included all autos with greater than one-person occupancy. Trucks included all heavy-duty trucks consisting of light-heavy, medium-heavy, and heavy-heavy trucks.

High Occupancy Vehicle (HOV) links were maintained throughout the model. The HOV network links incorporated all HOV-2 and HOV-3+ network links in the SCAG RTP 2004 transportation model. This reflected the HOV facilities that were in operation in the year 2005. Appropriate connections to and from the HOV links on the freeway network were also checked and maintained in the base year network to simulate carpool vehicle movements on freeways accurately.

Links are characterized by link type (representing functional classification), physical length, area type, travel speeds, number of lanes, and capacity. Within the study area, link capacity was based on currently prevailing conditions. The key attributes for new links added to the network were obtained from fieldwork or were computed. For example, the link length was calculated from coordinate distance available in the base year network, and travel speed was observed in the field. The regional network attribute data was retained for all links outside of the West Adams study area.

The volume delay function index, which is predominately based on functional class and facility type of each link, governs the delay function for that link. The standard Bureau of Public Roads (BPR) capacity-restraint volume-delay function was used as the mathematical formula for the initial model assignments link delay computation. The volume delay function was applied to each network link, and the congested travel time along a certain path is computed by adding the delay values for each of the links constituting the path. The standard BPR function used for all the links is defined as follows:

$$\text{Link Travel Time} = (\text{Free-Flow Travel Time}) * [1 + a * ((\text{Link Demand or Volume})/\text{Link Capacity})^b]$$

where: 'a' and 'b' are coefficients that were calibrated as part of the development of the SCAG regional model, and 'b' was further refined to reflect conditions in the West Adams sub-area.

The initial assumptions for free-flow speeds and capacities used for each road class in the model were obtained from fieldwork or the SCAG regional model. These values were then adjusted on individual links to better reflect actual traffic conditions.

### **Node Characteristics**

Nodes represent intersections or intermediate access points. Centroids, a special variety of nodes, are used to represent zones in the model. Node variables include the unique node identification number, and its x and y coordinates.

### III. TRIP TABLE DEVELOPMENT

This chapter discusses the methodology, assumptions, parameters, and data used in the development of trip tables for the West Adams CPA Model. These tables are for traffic assignment in the West Adams CPA Model. Trip tables by mode (drive alone, carpools, and trucks) for the weekday AM and PM peak periods were developed. These trip tables were developed based on land use/SED and trip table data from the SCAG model. Therefore, consistency with the SCAG RTP 2004 model has been maintained in their development.

SCAG used trip generation, trip distribution and modal split models to develop its vehicular trip tables for the regional model. This method is a sophisticated process that relates trips to and from a given zone to a series of socioeconomic, travel and network characteristics of not only the zone but the entire region. The SCAG trip generation model relates trip productions and attractions (P&A) within a given zone to demographic and socioeconomic characteristics such as population, single, multi-family and group dwelling units stratified by household income, car ownership, and employment characteristics like retail, service and other employment. The SCAG trip distribution model distributes the P&A trips to zone pairs using a regional gravity model for trips by purpose. These P&A trip tables are then input by trip purpose to the modal split model. The SCAG modal split model is a set of logit models that converts total person trips into several modes including non-motorized, drive alone, auto passenger, HOV2 and HOV3+, and stratified transit trips. It incorporates such factors as the cost and wait time to make a trip by auto versus the cost and wait time to make the same trip by public transit.

Given the sophistication and complexity of the process and the need to be consistent with the regional model, these models did not need to be recreated as part of the West Adams CPA Model. Rather, the resulting vehicle trips by mode as estimated by SCAG mode split models for the model region were used as the basis for the trip tables.

The overall data flow essentially consists of the SCAG vehicle trip table manipulation for the following key purposes:

1. Check and confirm SCAG's trip interchanges in the study area based on aerial photography and socioeconomic data.



2. Disaggregate SCAG trip interchanges to the new study area TAZ system.
3. Create AM and PM peak period vehicle trip tables by mode for assignment.

The trip table development consisted of the following key steps:

- Disaggregation process
- Creation of AM and PM peak period trip tables

The next step in the trip table development process was the disaggregation process to convert SCAG trip tables to West Adams CPA zones. This involved the creation of a correspondence table between the 3,217 SCAG zones and the 3,388 West Adams CPA zones. This correspondence formed a critical input to the trip table disaggregation (in the study area) processes.

The disaggregation process involved creating a finer zone system in the model study area. Using aerial photography and socioeconomic data the vehicle trip ends by trip mode were disaggregated to West Adams CPA zones using sets of disaggregation factors.

#### **IV. SUMMARY OF THE MODEL VALIDATION**

Model validation is the term used to describe model performance in terms of how closely the model's output matches base year traffic count data. Most model validation guidelines focus on the performance of the trip assignment function in accurately assigning trips to the roadway network. This section describes the reasonableness and validation checks that have been performed for the West Adams CPA Model.

##### **TRIP ASSIGNMENT**

The most critical static measurement of the accuracy of any traffic model is the degree to which it can approximate actual traffic counts in the base year. The California Department of Transportation (Caltrans) has established certain trip assignment guidelines for models to be deemed acceptable for forecasting future year traffic. This section describes the model performance in comparison to the standards discussed in *Travel Forecasting Guidelines* (Caltrans, November 1992). Peak period trip tables, described in Chapter III, were assigned to the highway network. The resulting volumes were converted to a single peak from a three-hour morning peak period and a four-hour evening peak period using factors of 0.41 and 0.28, respectively. The validity of the West Adams CPA Traffic Model was tested for peak hour conditions. Model volumes were compared to existing traffic counts at individual locations, and at three screenlines. The remainder of this section contains a summary of the validation results.

Link volume results from the model runs were examined and checked for reasonableness. Links were identified where model results varied substantially from the observed counts, and the characteristics of those links were reviewed to ensure that the link attributes accurately reflected local operating conditions. In some cases, link characteristics such as speeds and capacities were adjusted based on local knowledge.

## **VALIDATION COMPARISON TECHNIQUES**

Traffic model accuracy is usually tested using two comparison techniques:

1. The volume-to-count ratio is computed by dividing the traffic volume estimated from the model by the actual traffic volume counted on various road segments. The deviation is the difference between the model volume and the count, divided by the count.
2. The percent root mean squared error (RMSE) is the square root of the model volume minus the actual count squared, divided by the number of counts. It is a measure similar to standard deviation in that it assesses the accuracy of the entire model.

## **VALIDATION GUIDELINES**

For a model to be considered accurate and appropriate for use in traffic forecasting, it must replicate actual conditions to within a certain level of accuracy. Since it would be impossible for any model to replicate all counts precisely, validation guidelines have been established by Caltrans, other agencies, and Fehr & Peers internal standards. Key validation standards for daily travel models based on the Caltrans guidelines are summarized below:

- 75 percent of the roadway links for which counts are available should be within the maximum desirable deviation, which ranges from approximately 15 to 60 percent depending on total volume (the larger the volume, the less deviation is permitted).
- All of the roadway screenlines should be within the maximum desirable deviation, which ranges from approximately 15 to 64 percent depending on total volume.
- The two-way sum of the volumes on all roadway links for which counts are available should be within 10 percent of the counts.
- The correlation coefficient between the actual ground counts and the estimated traffic volumes should be greater than 88 percent.

Although not stated in the Caltrans standards, an additional Fehr & Peers validation guideline was applied to the West Adams CPA traffic model:

- The RMSE should not exceed 40 percent.

## VALIDATION RESULTS

Scripts and spreadsheets were created to compute the validation results for roadway links in the West Adams CPA traffic model. The results for peak hour conditions are summarized in Table 1 below, while the detailed spreadsheets are presented in Appendix A.

<b>TABLE 1</b>			
<b>RESULTS OF PEAK HOUR MODEL VALIDATION</b>			
<b>Validation Statistic</b>	<b>Criterion for Acceptance</b>	<b>Model Results</b>	
		<b>AM</b>	<b>PM</b>
% of Links within Caltrans Standard Deviations	75%	81%	92%
%of Screenlines within Caltrans Standard Deviations	100%	100%	100%
2-way Sum of All Links Counted	Within 10%	1%	2%
Correlation Coefficient	Greater than 88%	88.5%	91.4%
RMSE	40% or less	27%	21%

As shown in Table 1, the West Adams CPA AM and PM peak hour models meet or exceed the guidelines for model accuracy.

## DYNAMIC VALIDATION

The traditional approach to the validation of travel demand models is to compare the link volumes for the model's base year to actual traffic counts taken in the same year. This approach provides information on a model's ability to reproduce a static condition. However, models are seldom used for static applications; by far the most common use of models is to forecast how a change in inputs would result in a change in traffic conditions. Therefore, another test of a model's accuracy would focus on the model's ability to predict realistic differences in outputs as inputs are changed, in other words, "dynamic" validation rather than static validation.

A basic form of dynamic validation is to adjust the roadway network. In order to measure how the model reacts to additions/reductions in capacity, the number of lanes in the street network

were changed at particular locations. This allows for the evaluation of reasonableness in terms of traffic volume direction and magnitude.

Overall, the dynamic validation results suggest that the model will perform reasonably for future scenario forecasting.

## REFERENCES

*Travel Forecasting Guidelines*, Caltrans, November 1992.

**APPENDIX C-1**

**PEAK HOUR MODEL  
VALIDATION AND SCREENLINE RESULTS**

**Appendix C-1 - Peak Hour Static Model Validation Results (Summary)**

<b>Peak Hour Static Model Validation</b>			
<b>Validation Statistic</b>	<b>Threshold</b>	<b>AM Peak Hour</b>	<b>PM Peak Hour</b>
<b>Model/Count Ratio</b>	Within 10%	0.99	0.98
<b>Percent Of Screenlines Within Caltrans Maximum Deviation</b>	100%	100%	100%
<b>Percent Of Links Within Caltrans Maximum Deviation</b>	> 75%	81%	92%
<b>Percent Root Mean Square Error</b>	< 40%	27%	21%
<b>Correlation Coefficient</b>	> 0.88	0.885	0.914







**Appendix C-1 - Peak Hour Static Model Validation Results (AM Screenlines)**

**East-West**

scrline	Street	A node	B node	Lookup	AM count	AM model	Diff	% Diff	Max Allowable
3	eastbound	Pico	16481	18069	16481-18069	665	705	40	0.06
4	westbound	Pico	18069	16481	18069-16481	632	952	320	0.51
					1,297	1,657	360	0.28	
5	eastbound	Venice	18148	18111	18148-18111	1,020	879	-141	-0.14
6	westbound	Venice	18111	18148	18111-18148	944	1,002	58	0.06
					1,964	1,881	-83	-0.04	
7	eastbound	Washington	16211	18098	16211-18098	1,031	964	-67	-0.06
8	westbound	Washington	18098	16211	18098-16211	907	1,594	687	0.76
					1,938	2,558	620	0.32	
9	eastbound	Adams	14927	18114	14927-18114	738	712	-26	-0.04
10	westbound	Adams	18114	14927	18114-14927	731	755	24	0.03
					1,469	1,467	-2	0.00	
11	eastbound	Jefferson	18766	18116	18766-18116	681	981	300	0.44
12	westbound	Jefferson	18116	18766	18116-18766	696	373	-323	-0.46
					1,377	1,354	-23	-0.02	
15	eastbound	Exposition	14944	17772	14944-17772	237	303	66	0.28
16	westbound	Exposition	58545	17772	58545-17772	752	458	-294	-0.39
					989	761	-228	-0.23	
17	eastbound	Rodeo	17681	17363	17681-17363	472	429	-43	-0.09
18	westbound	Rodeo	65092	17363	65092-17363	700	828	128	0.18
					1,172	1,257	85	0.07	
19	eastbound	39th	58518	16839	58518-16839	268	283	15	0.06
20	westbound	39th	59116	16839	59116-16839	260	166	-94	-0.36
					528	449	-79	-0.15	
21	eastbound	Stocker	18303	17507	18303-17507	1,034	566	-468	-0.45
22	westbound	Stocker	57597	17507	57597-17507	542	400	-142	-0.26
					1,576	966	-610	-0.39	
23	eastbound	48th	17612	57709	17612-57709	237	215	-22	-0.09
24	westbound	48th	17390	57709	17390-57709	395	574	179	0.45
				00000-00000	632	789	157	0.25	
25	eastbound	Slauson	58548	17983	58548-17983	969	727	-242	-0.25
26	westbound	Slauson	17832	16805	17832-16805	1,057	981	-76	-0.07
					2,026	1,708	-318	-0.16	
					<b>14,968</b>	<b>14,847</b>	<b>-121</b>	<b>-0.01</b>	<b>0.21 Pass</b>

**North-South 1**

scrline	Street	A node	B node	Lookup	AM count	AM model	Diff	% Diff	Max Allowable
27	northbound	La Cienga	57569	16046	57569-16046	2541	2,460	-81	-0.03
28	southbound	La Cienga	57564	16046	57564-16046	2308	2,784	476	0.21
					4849	5,244	395	0.08	
29	northbound	La Brea	4803	57516	04803-57516	2415	1,772	-643	-0.27
30	southbound	La Brea	57516	4803	57516-04803	2150	1,996	-154	-0.07
					4565	3,768	-797	-0.17	
33	northbound	Crenshaw	14980	16882	14980-16882	1372	1,416	44	0.03
34	southbound	Crenshaw	16882	14980	16882-14980	1154	1,510	356	0.31
					2526	2,926	400	0.16	
					<b>11,940</b>	<b>11,938</b>	<b>-2</b>	<b>0.00</b>	<b>0.23 Pass</b>

**Appendix C-1 - Peak Hour Static Model Validation Results (AM Screenlines)**

		<b>North-South 2</b>							
scrline									
31	northbound	La Brea	15976	15854	15976-15854	1596	1,378	-218	-0.14
32	southbound	La Brea	15854	15976	15854-15976	1003	1,322	319	0.32
						2599	2,700	101	0.04
35	northbound	Crenshaw	16524	17952	16524-17952	1390	1,606	216	0.16
36	southbound	Crenshaw	17952	16524	17952-16524	914	997	83	0.09
						2304	2,603	299	0.13
37	northbound	Arlington	17948	58581	17948-58581	566	422	-144	-0.25
38	southbound	Arlington	58581	17948	58581-17948	489	372	-117	-0.24
						1055	794	-261	-0.25
						<b>5,958</b>	<b>6,097</b>	<b>139</b>	<b>0.02</b>
								<b>0.31</b>	<b>Pass</b>

<b>Total Screenlines</b>	<b>3</b>
<b>Screenlines Within Deviation</b>	<b>3</b>
<b>Screenlines Outside Deviation</b>	<b>0</b>
<b>Percent Within Caltrans Maximum Deviation</b>	<b>100%</b>

**Appendix C-1 - Peak Hour Static Model Validation Results (PM Screenlines)**

**East-West**

scrline	Street	A node	B node	Lookup	PM count	PM model	Diff	% Diff	Max Allowable
3	eastbound	Pico	16481	18069	16481-18069	781	1,047	266	0.34
4	westbound	Pico	18069	16481	18069-16481	880	815	-65	-0.07
					1,661	1,862	201	0.12	
5	eastbound	Venice	18148	18111	18148-18111	953	812	-141	-0.15
6	westbound	Venice	18111	18148	18111-18148	983	745	-238	-0.24
					1,936	1,557	-379	-0.20	
7	eastbound	Washington	16211	18098	16211-18098	957	920	-37	-0.04
8	westbound	Washington	18098	16211	18098-16211	1,004	837	-167	-0.17
					1,961	1,757	-204	-0.10	
9	eastbound	Adams	14927	18114	14927-18114	866	858	-8	-0.01
10	westbound	Adams	18114	14927	18114-14927	802	789	-13	-0.02
					1,668	1,647	-21	-0.01	
11	eastbound	Jefferson	18766	18116	18766-18116	798	704	-94	-0.12
12	westbound	Jefferson	18116	18766	18116-18766	963	880	-83	-0.09
					1,761	1,584	-177	-0.10	
15	eastbound	Exposition	14944	17772	14944-17772	474	539	65	0.14
16	westbound	Exposition	58545	17772	58545-17772	300	246	-54	-0.18
					774	785	11	0.01	
17	eastbound	Rodeo	17681	17363	17681-17363	580	799	219	0.38
18	westbound	Rodeo	65092	17363	65092-17363	702	683	-19	-0.03
					1,282	1,482	200	0.16	
19	eastbound	39th	58518	16839	58518-16839	272	389	117	0.43
20	westbound	39th	59116	16839	59116-16839	152	130	-22	-0.14
					424	519	95	0.22	
21	eastbound	Stocker	18303	17507	18303-17507	1,079	994	-85	-0.08
22	westbound	Stocker	57597	17507	57597-17507	478	262	-216	-0.45
					1,557	1,256	-301	-0.19	
23	eastbound	48th	17612	57709	17612-57709	411	348	-63	-0.15
24	westbound	48th	17390	57709	17390-57709	355	212	-143	-0.40
				00000-00000	766	560	-206	-0.27	
25	eastbound	Slauson	58548	17983	58548-17983	1,226	958	-268	-0.22
26	westbound	Slauson	17832	16805	17832-16805	725	727	2	0.00
					1,951	1,685	-266	-0.14	
					<b>15,741</b>	<b>14,694</b>	<b>-1,047</b>	<b>-0.07</b>	<b>0.21 Pass</b>

**North-South 1**

scrline	Street	A node	B node	Lookup	PM count	PM model	Diff	% Diff	Max Allowable
27	northbound	La Cienga	57569	16046	57569-16046	2175	2,201	26	0.01
28	southbound	La Cienga	57564	16046	57564-16046	2453	3,119	666	0.27
					4628	5,320	692	0.15	
29	northbound	La Brea	4803	57516	04803-57516	2357	1,907	-450	-0.19
30	southbound	La Brea	57516	4803	57516-04803	2413	1,789	-624	-0.26
					4770	3,696	-1,074	-0.23	
33	northbound	Crenshaw	14980	16882	14980-16882	1465	1,365	-100	-0.07
34	southbound	Crenshaw	16882	14980	16882-14980	1252	1,427	175	0.14
					2717	2,792	75	0.03	
					<b>12,115</b>	<b>11,808</b>	<b>-307</b>	<b>-0.03</b>	<b>0.22 Pass</b>

**Appendix C-1 - Peak Hour Static Model Validation Results (PM Screenlines)**

		<b>North-South 2</b>								
scrline										
31	northbound	La Brea	15976	15854	15976-15854	1333	1,340	7	0.01	
32	southbound	La Brea	15854	15976	15854-15976	1492	1,431	-61	-0.04	
						2825	2,771	-54	-0.02	
35	northbound	Crenshaw	16524	17952	16524-17952	1244	1,190	-54	-0.04	
36	southbound	Crenshaw	17952	16524	17952-16524	1530	1,725	195	0.13	
						2774	2,915	141	0.05	
37	northbound	Arlington	17948	58581	17948-58581	549	452	-97	-0.18	
38	southbound	Arlington	58581	17948	58581-17948	611	371	-240	-0.39	
						1160	823	-337	-0.29	
						<b>6,759</b>	<b>6,509</b>	<b>-250</b>	<b>-0.04</b>	<b>0.29 Pass</b>

Total Screenlines	<b>3</b>
Screenlines Within Deviation	<b>3</b>
Screenlines Outside Deviation	<b>0</b>
Percent Within Caltrans Maximum Deviation	<b>100%</b>

**APPENDIX D:  
BICYCLE FACILITY IMPROVEMENT ALTERNATIVES IN WEST  
ADAMS-BALDWIN HILLS-LEIMERT CPA**

North-South Roadway	From	To	Dir	Current		With Draft Network		Alternative Network		
				AM Lanes	PM Lanes	AM Lanes	PM Lanes	AM Lanes	PM Lanes	
Robertson Blvd	National Blvd	18th St	NB	2	2	1	1	2	2	Travel Lane Removal
	18th St	National Blvd	SB	2	2	1	1	2	2	
La Cienega Blvd	Jefferson Blvd	Fairfax Ave	NB	3	3	2	2	2	2	Parking Removal
	Fairfax Ave	Jefferson Blvd	SB	3	3	2	2	2	2	
Fairfax Ave	La Cienega Blvd	Venice Blvd	NB	2	2	2	2	2	2	Share The Road
		Venice Blvd	SB	2	2	2	2	2	2	
	Venice Blvd	18th St	NB	1	1	1	1	1	1	
		18th St	SB	1	1	1	1	1	1	
Redondo Bl	Rodeo Rd	Jefferson Blvd	NB	1	1	1	1	1	1	Reclassification
	Jefferson Blvd	Rodeo Rd	SB	1	1	1	1	1	1	
	Jefferson Blvd	Venice Blvd	NB	1	1	1	1	1	1	
La Brea Ave	Stocker St	Jefferson Blvd	NB	3	3	2	2	3	3	Share The Road
	Jefferson Blvd	Stocker St	SB	3	3	2	2	3	3	
Crenshaw Blvd	79th St	Vernon Ave	NB	3	3	3	3	3	3	Reclassification
	Vernon Ave	79th St	SB	3	3	3	3	3	3	
	Vernon Ave	Martin Luther King Jr Blvd	NB	3	3	2	2	3	3	
		Martin Luther King Jr Blvd	Vernon Ave	SB	3	3	2	2	3	
	Martin Luther King Jr Blvd	Jefferson Blvd	NB	3	3	3	3	3	3	
		Jefferson Blvd	Martin Luther King Jr Blvd	SB	3	3	3	3	3	
	Jefferson Blvd	Adams Blvd	NB	3	3	2	2	3	3	
		Adams Blvd	Jefferson Blvd	SB	3	3	2	2	3	
	Adams Blvd	Washington Blvd	NB	3	3	3	3	3	3	
		Washington Blvd	Adams Blvd	SB	3	3	3	3	3	
Washington Blvd	Pico Blvd	NB	2	2	2	2	2	2		
	Pico Blvd	Washington Blvd	SB	2	2	2	2	2	2	
Arlington Ave	76th St	Vernon Ave	NB	1	1	1	1	1	1	Share The Road
	Vernon Ave	76th St	SB	1	1	1	1	1	1	
	Vernon Ave	Pico Blvd	NB	2	2	1	1	1	1	
	Pico Blvd	Vernon Ave	SB	2	2	1	1	1	1	Reclassification



East-West Roadway	From	To	Dir	Current		With Draft Network		Alternative Network		
				AM Lanes	PM Lanes	AM Lanes	PM Lanes	AM Lanes	PM Lanes	
Venice Blvd	Crenshaw Blvd	Arlington Ave	EB	3	3	2	2	2	2	Travel Lane Removal
	Arlington Ave	Crenshaw Blvd	WB	3	3	2	2	2	2	
Jefferson Blvd	La Cienega Blvd	La Brea Ave	EB	2	2	2	2	2	2	No Bike Lanes
	La Brea Ave	La Cienega Blvd	WB	2	2	2	2	2	2	
Exposition Blvd	La Brea Ave	Crenshaw Blvd	EB	1	1	1	1	1	1	
	Crenshaw Blvd	La Brea Ave	WB	1	1	1	1	1	1	
Rodeo Road	Crenshaw Blvd	Arlington Ave	EB	2	2	2	2	2	2	
	Arlington Ave	Crenshaw Blvd	WB	2	2	2	2	2	2	
Rodeo Road	Ballona Creek Bike Path	La Cienega Blvd	EB	2+1	2+1	2	2	2	2	
	La Cienega Blvd	Ballona Creek Bike Path	WB	2+1	2+1	2	2	2	2	
	La Cienega Blvd	La Brea Ave	EB	2/3	2/3	2	2	2	2	
	La Brea Ave	La Cienega Blvd	WB	2/3	2/3	2	2	2	2	
Martin Luther King Jr Blvd	La Brea Ave	Martin Luther King Jr Blvd	EB	2+1	2+1	2	2	2	2	
	Martin Luther King Jr Blvd	La Brea Ave	WB	2+1	2+1	2	2	2	2	
Martin Luther King Jr Blvd	Rodeo Blvd	Crenshaw Blvd	EB	3	3	2	2	2	2	
	Crenshaw Blvd	Rodeo Blvd	WB	3	3	2	2	2	2	
54th St	Crenshaw Blvd	9th Ave	EB	1	1	1	1	1	1	
	9th Ave	Crenshaw Blvd	WB	1	1	1	1	1	1	
	9th Ave	7th Ave	EB	1	1	1	1	1	1	
	7th Ave	9th Ave	WB	1	1	1	1	1	1	
	7th Ave	4th Ave	EB	2	2	1	1	1	1	
	4th Ave	7th Ave	WB	2	2	1	1	1	1	
76th St	Crenshaw Blvd	Van Ness Ave	EB	1	1	1	1	1	1	
	Van Ness Ave	Crenshaw Blvd	WB	1	1	1	1	1	1	

**APPENDIX E:  
CITY OF LOS ANGELES TDM ORDINANCE**

# City of Los Angeles Transportation Demand Management (TDM) Ordinance

## Section 98.0411 of the Municipal Code (Chapter IX)

J. Transportation Demand Management and Trip Reduction Measures. (Added by Ord. No. 167,700, Eff. 3/31/93.)

1. DEFINITIONS. For the purpose of this section, certain words and terms are defined as follows:

**Carpool.** A vehicle carrying two to five persons to and from work on a regular schedule.

**Development.** The construction of new non-residential floor area.

**Gross Floor Area.** That area in square feet confined within the outside surface of the exterior walls of a building, as calculated by adding the total square footage of each of the floors in the building, except for that square footage devoted to vehicle parking and necessary interior driveways and ramps.

**Preferential Parking.** Parking spaces, designated or assigned through use of a sign or painted space markings for Carpools or Vanpools, that are provided in a location more convenient to the entrance for the place of employment than parking spaces provided for single-occupant vehicles.

**Transportation Demand Management (TDM).** The alteration of travel behavior through programs of incentives, services, and policies, including encouraging the use of alternatives to single-occupant vehicles such as public transit, cycling, walking, carpooling/ vanpooling and changes in work schedule that move trips out of the peak period or eliminate them altogether (as in the case in telecommuting or compressed work weeks).

**Trip Reduction.** Reduction in the number of work-related trips made by single-occupant vehicles.

**Vanpool.** A vehicle carrying six or more persons to and from work on a regular schedule, and on a prepaid basis.

**Vehicle.** Any motorized form of transportation, including but not limited to automobiles, vans, buses and motorcycles.

2. **APPLICABILITY.** This subdivision applies only to the construction of new non-residential gross floor area. Prior to the issuance of a building permit, the owner/applicant shall agree, by way of a covenant that runs with the land, to provide and maintain in a state of good repair the following applicable transportation demand management and trip reduction measures.

3. **REQUIREMENTS:**

(a) Development in excess of 25,000 square feet of gross floor area. The owner shall provide a bulletin board, display case, or kiosk (displaying transportation information) where the greatest number of employees are likely to see it. The transportation information displayed should include, but is not limited to, the following:

- (1) Current routes and schedules for public transit serving the site;
- (2) Telephone numbers for referrals on transportation information including numbers for the regional ridesharing agency and local transit operations;
- (3) Ridesharing promotion material supplied by commuter-oriented organizations;
- (4) Regional/local bicycle route and facility information;
- (5) A listing of on-site services or facilities which are available for carpoolers, vanpoolers, bicyclists, and transit riders.

(b) Development in excess of 50,000 square feet of gross floor area. The owner shall comply with Paragraph (a) above and in addition shall provide:

- (1) A designated parking area for employee carpools and vanpools as close as practical to the main pedestrian entrance(s) of the building(s). This area shall include at least ten percent of the parking spaces required for the site. The spaces shall be signed and striped sufficient to meet the employee demand for such spaces. The carpool/vanpool parking area shall be identified on the driveway and circulation plan upon application for a building permit;
- (2) One permanent, clearly identified (signed and striped) carpool/vanpool parking space for the first 50,000 to 100,000 square feet of gross floor area and one additional permanent, clearly identified (signed and striped) carpool/vanpool parking space for any development over 100,000 square feet of gross floor area;
- (3) Parking spaces clearly identified (signed and striped) shall be provided in the designated carpool/vanpool parking area at any time during the building's occupancy sufficient to meet employee demand for such spaces. Absent such

demand, parking spaces within the designated carpool/vanpool parking area may be used by other vehicles;

(4) No signed and striped parking spaces for carpool/vanpool parking shall displace any handicapped parking;

(5) A statement that preferential carpool/vanpool spaces are available on-site and a description of the method for obtaining permission to use such spaces shall be included on the required transportation information board;

(6) A minimum vertical clearance of 7 feet 2 inches shall be provided for all parking spaces and accessways used by vanpool vehicles when located within a parking structure;

(7) Bicycle parking shall be provided in conformance with Section 12.21A16 of this Code.

(c) Development in excess of 100,000 square feet of gross floor area. The owner shall comply with Paragraphs (a) and (b) above and shall provide:

(1) A safe and convenient area in which carpool/vanpool vehicles may load and unload passengers other than in their assigned parking area;

(2) Sidewalks or other designated pathways following direct and safe routes from the external pedestrian circulation system to each building in the development;

(3) If determined necessary by the City to mitigate the project impact, bus stop improvements shall be provided. The City will consult with the local bus service providers in determining appropriate improvements. When locating bus stops and/or planning building entrances, entrances shall be designed to provide safe and efficient access to nearby transit stations/stops;

(4) Safe and convenient access from the external circulation system to bicycle parking facilities on-site.

4. EXCEPTIONS. The provisions of this subsection shall not apply to developments for which an application has been deemed complete by the City pursuant to Government Code Section 65943, or for which a Notice of Preparation for a Draft Environmental Impact Report has been circulated or for which plans sufficient for a complete plan check were accepted by the Department of Building and Safety, on or before the effective date of this ordinance.

5. **MONITORING.** The Department of Transportation shall be responsible for monitoring the owner/applicant's continual implementation and maintenance of the project trip reduction features required by this ordinance.
6. **ENFORCEMENT.** Applicants shall execute and record a Covenant and Agreement that the trip reduction features required by this ordinance will be maintained, that required material specified in Subdivision 3 (a) (1)-(5) will be continually posted, and that additional carpool/vanpool spaces within the designated preferential area will be signed and striped for the use of ridesharing employees based on demand for such spaces. The Covenant and Agreement shall be acceptable to the Department of Transportation.
7. **HARDSHIP EXEMPTION.** In cases of extreme hardship, duly established to its satisfaction, the City Council, acting in its legislative capacity, and by resolution, may grant an exemption from any/or all the provisions of this ordinance. In granting such an exemption, the City Council shall make the following findings:
  - (a) Specific features of the development make it infeasible to satisfy all of the provisions of this subsection; and
  - (b) The applicant has committed to provide equivalent alternative measures to reduce vehicle trips.

**APPENDIX F:  
ROADWAY SEGMENT LEVEL OF SERVICE TABLES**







APPENDIX F - ROADWAY SEGMENT LEVELS OF SERVICE TABLES  
WEST ADAMS-BALDWIN HILLS-LEIMERT COMMUNITY PLAN UPDATE

#	Roadway	From	To	Existing AT/SAC	Existing ATCS	Direction	Existing (Year 2008) - AM Peak Hour							Existing (Year 2008) - PM Peak Hour								
							Count	Model	Functional Class	pcphpl	Lanes	Capacity	V/C	LOS	Count	Model	Functional Class	pcphpl	Lanes	Capacity	V/C	LOS
223	Van Ness Av	Hyde Park	Florence	X		NB	780	540	secondary highway	749	1	749	1.041	F	560	531	secondary highway	749	1	749	0.748	C
224	Van Ness Av	Florence	Hyde Park	X		SB	740	646	secondary highway	749	1	749	0.988	E	520	494	secondary highway	749	1	749	0.694	B
225	Van Ness Av	Hyde Park Bl	Slauson Av	X		NB	570	544	secondary highway	749	1	749	0.761	C	490	470	secondary highway	749	1	749	0.654	B
226	Van Ness Av	Slauson Av	Hyde Park Bl	X		SB	500	474	secondary highway	749	1	749	0.668	B	550	524	secondary highway	749	1	749	0.734	C
227	Van Ness Av	Slauson Av	54th St	X		NB	770	601	secondary highway	749	2	1498	0.514	A	730	569	secondary highway	749	2	1498	0.487	A
228	Van Ness Av	54th St	Slauson Av	X		SB	580	492	secondary highway	749	2	1498	0.387	A	840	622	secondary highway	749	2	1498	0.561	A
229	Arlington Av	54th St	48th St	X		NB	820	497	secondary highway	749	1	749	1.095	F	690	429	secondary highway	749	1	749	0.921	E
230	Arlington Av	48th St	48th St	X		SB	610	393	secondary highway	749	1	749	0.814	D	980	442	secondary highway	749	1	749	1.308	F
231	Arlington Av	48th St	Vernon Av	X		NB	560	540	secondary highway	749	1	749	0.748	C	490	462	secondary highway	749	1	749	0.654	B
232	Arlington Av	Vernon Av	48th St	X		SB	460	437	secondary highway	749	1	749	0.614	B	570	543	secondary highway	749	1	749	0.761	C
233	Arlington Av	Vernon Av	Martin Luther King Jr Bl	X		NB	1,150	1,112	secondary highway	749	2	1498	0.768	C	880	845	secondary highway	749	2	1498	0.587	A
234	Arlington Av	Martin Luther King Jr Bl	Vernon Av	X		SB	520	497	secondary highway	749	2	1498	0.347	A	910	873	secondary highway	749	2	1498	0.607	B
235	Arlington Av	Martin Luther King Jr Bl	Rodeo Rd	X		NB	1,630	1,588	secondary highway	749	2	1498	1.088	F	1,360	1,319	secondary highway	749	2	1498	0.908	E
236	Arlington Av	Rodeo Rd	Martin Luther King Jr Bl	X		SB	1,320	1,275	secondary highway	749	2	1498	0.881	D	1,580	1,537	secondary highway	749	2	1498	1.055	F
237	Arlington Av	Rodeo Rd	Jefferson Bl	X		NB	1,110	1,076	secondary highway	749	2	1498	0.741	C	1,080	1,048	secondary highway	749	2	1498	0.721	C
238	Arlington Av	Jefferson Bl	Rodeo Rd	X		SB	980	945	secondary highway	749	2	1498	0.654	B	1,090	1,053	secondary highway	749	2	1498	0.728	C
239	Arlington Av	Jefferson Bl	Adams Bl	X		NB	1,470	1,425	secondary highway	749	2	1498	0.981	E	1,390	1,346	secondary highway	749	2	1498	0.928	E
240	Arlington Av	Adams Bl	Jefferson Bl	X		SB	1,170	1,139	secondary highway	749	2	1498	0.781	C	1,440	1,395	secondary highway	749	2	1498	0.961	A
241	Arlington Av	Adams Bl	I-10	X		NB	1,180	1,198	secondary highway	749	2	1498	0.788	C	750	1,212	secondary highway	749	2	1498	0.501	A
242	Arlington Av	I-10	Adams Bl	X		SB	990	1,116	secondary highway	749	2	1498	0.661	B	1,250	1,378	secondary highway	749	2	1498	0.834	D
243	Arlington Av	Washington Bl	Venice Bl	X		NB	1,820	1,765	secondary highway	749	2	1498	1.215	F	1,720	1,665	secondary highway	749	2	1498	1.148	F
244	Arlington Av	Venice Bl	Washington Bl	X		SB	1,370	1,324	secondary highway	749	2	1498	0.915	E	1,460	1,413	secondary highway	749	2	1498	0.975	E
245	Arlington Av	I-10	Washington Blvd	X		NB	1,540	1,538	secondary highway	749	2	1498	1.028	F	1,660	1,653	secondary highway	749	2	1498	1.108	F
246	Arlington Av	Washington Blvd	I-10	X		SB	1,700	1,699	secondary highway	749	2	1498	1.135	F	1,610	1,609	secondary highway	749	2	1498	1.075	F
247	Arlington Av	Venice Bl	Pico Bl	X		NB	1,330	1,280	secondary highway	749	2	1498	0.888	D	1,330	1,287	secondary highway	749	2	1498	0.888	D
248	Arlington Av	Pico Bl	Venice Bl	X		SB	1,290	1,247	secondary highway	749	2	1498	0.861	D	1,250	1,201	secondary highway	749	2	1498	0.834	D





APPENDIX F - ROADWAY SEGMENT LEVELS OF SERVICE TABLES  
WEST ADAMS-BALDWIN HILLS-LEIMERT COMMUNITY PLAN UPDATE

#	Roadway	From	To	Existing AT/SAC	Existing ATCS	Direction	Existing (Year 2008) - AM Peak Hour							Existing (Year 2008) - PM Peak Hour								
							Count	Model	Functional Class	pcphpl	Lanes	Capacity	V/C	LOS	Count	Model	Functional Class	pcphpl	Lanes	Capacity	V/C	LOS
471	Slauson Av	Crenshaw Blvd	8th St	X		EB	830	824	major highway 2	856	2	1712	0.485	A	1,130	1,127	major highway 2	856	2	1712	0.660	B
472	Slauson Av	8th St	Crenshaw Blvd	X		WB	1,150	1,141	major highway 2	856	2	1712	0.672	B	920	913	major highway 2	856	2	1712	0.537	A
473	60th St	Overhill	Alviso			EB	50	74	Collector	600	1	600	0.083	A	140	125	Collector	600	1	600	0.233	A
474	60th St	Alviso	Overhill			WB	100	98	Collector	600	1	600	0.167	A	90	72	Collector	600	1	600	0.150	A
475	60th St	West Blvd	West Blvd			EB	60	61	Collector	600	1	600	0.100	A	170	153	Collector	600	1	600	0.283	A
476	60th St	Alviso	West Blvd			WB	160	320	Collector	600	1	600	0.267	A	80	61	Collector	600	1	600	0.133	A
477	60th St	Crenshaw Bl	8th St			EB	160	150	Collector	600	1	600	0.267	A	230	217	Collector	600	1	600	0.383	A
478	60th St	Crenshaw Bl	8th St			WB	310	293	Collector	600	1	600	0.517	A	150	136	Collector	600	1	600	0.250	A
479	60th St	West Blvd	Crenshaw Blvd			EB	260	258	Collector	600	1	600	0.433	A	410	404	Collector	600	1	600	0.683	B
480	60th St	Crenshaw Blvd	West Blvd			WB	230	226	Collector	600	1	600	0.383	A	270	262	Collector	600	1	600	0.450	A
481	60th St	8th St	4th Ave			EB	110	101	Collector	600	1	600	0.183	A	80	79	Collector	600	1	600	0.133	A
482	60th St	4th Ave	8th St			WB	120	118	Collector	600	1	600	0.200	A	80	75	Collector	600	1	600	0.133	A
483	60th St	4th Ave	Arlington Ave			EB	220	217	Collector	600	1	600	0.367	A	140	132	Collector	600	1	600	0.233	A
484	60th St	Arlington Ave	4th Ave			WB	200	192	Collector	600	1	600	0.333	A	190	185	Collector	600	1	600	0.317	A
485	Hyde Park Bl	West Bl	Crenshaw Bl	X		EB	360	349	secondary highway	749	1	749	0.481	A	470	442	secondary highway	749	1	749	0.628	B
486	Hyde Park Bl	Crenshaw Bl	West Bl	X		WB	460	435	secondary highway	749	1	749	0.614	B	430	405	secondary highway	749	1	749	0.574	A
487	Hyde Park Bl	Crenshaw	8th	X		EB	210	314	secondary highway	749	1	749	0.280	A	370	356	secondary highway	749	1	749	0.494	A
488	Hyde Park Bl	Crenshaw	8th	X		WB	420	397	secondary highway	749	1	749	0.561	A	260	248	secondary highway	749	1	749	0.347	A
489	Hyde Park Bl	8th	Van Ness	X		EB	200	384	secondary highway	749	1	749	0.267	A	380	366	secondary highway	749	1	749	0.507	A
490	Hyde Park Bl	Van Ness	8th	X		WB	240	445	secondary highway	749	1	749	0.320	A	400	385	secondary highway	749	1	749	0.534	A
491	67th St	West Bl	Crenshaw Bl			EB	280	268	Collector	600	1	600	0.467	A	470	441	Collector	600	1	600	0.783	C
492	67th St	Crenshaw Bl	West Bl			WB	300	289	Collector	600	1	600	0.500	A	240	223	Collector	600	1	600	0.400	A
493	67th St	Crenshaw	4th			EB	50	66	Collector	600	1	600	0.083	A	100	90	Collector	600	1	600	0.167	A
494	67th St	Crenshaw	4th			WB	70	191	Collector	600	1	600	0.117	A	120	109	Collector	600	1	600	0.200	A
495	67th St	4th	Van Ness			EB	50	105	Collector	600	1	600	0.083	A	180	161	Collector	600	1	600	0.300	A
496	67th St	Van Ness	4th			WB	110	170	Collector	600	1	600	0.183	A	100	82	Collector	600	1	600	0.167	A
497	Florence Av	Crenshaw Bl	West Bl	X	X	EB	1,140	1,109	major highway 2	880	3	2640	0.432	A	1,500	1,453	major highway 2	880	3	2640	0.568	A
498	Florence Av	Crenshaw Bl	West Bl	X	X	WB	2,160	2,098	major highway 2	880	3	2640	0.818	D	1,380	1,331	major highway 2	880	3	2640	0.523	A
499	Florence Av	8th Ave	8th Ave	X	X	EB	1,260	1,252	major highway 2	880	3	2640	0.477	A	2,000	1,949	major highway 2	880	3	2640	0.758	C
500	Florence Av	4th Ave	8th Ave	X	X	WB	1,920	2,146	major highway 2	880	3	2640	0.727	C	1,500	1,454	major highway 2	880	3	2640	0.568	A
501	Florence Av	Crenshaw Blvd	8th St	X	X	EB	1,190	1,183	major highway 2	880	3	2640	0.451	A	1,900	1,891	major highway 2	880	3	2640	0.720	C
502	Florence Av	8th St	Crenshaw Blvd	X	X	WB	2,080	2,080	major highway 2	880	3	2640	0.788	C	1,460	1,455	major highway 2	880	3	2640	0.553	A
503	Florence Av	4th Ave	Arlington Ave	X	X	EB	1,290	1,280	major highway 2	880	3	2640	0.489	A	1,990	1,981	major highway 2	880	3	2640	0.754	C
504	Florence Av	Arlington Ave	4th Ave	X	X	WB	2,170	2,162	major highway 2	880	3	2640	0.822	D	1,450	1,443	major highway 2	880	3	2640	0.549	A
505	76th St	Crenshaw Bl	Van Ness Av			EB	90	74	Collector	600	1	600	0.150	A	90	71	Collector	600	1	600	0.150	A
506	76th St	Van Ness Av	Crenshaw Bl			WB	100	88	Collector	600	1	600	0.167	A	100	83	Collector	600	1	600	0.167	A
507	79th St	Crenshaw Bl	8th Av			EB	100	81	Collector	600	1	600	0.167	A	120	102	Collector	600	1	600	0.200	A
508	79th St	8th Av	Crenshaw Bl			WB	120	101	Collector	600	1	600	0.200	A	90	72	Collector	600	1	600	0.150	A
<b>Total</b>							<b>392,120</b>	<b>384,414</b>							<b>421,360</b>	<b>411,567</b>						

<b>2000 Base Year AM</b>		<b>2000 Base Year PM</b>	
LOS D or Better	451	LOS D or Better	455
Los E	21	Los E	19
Los F	36	Los F	34
Los E or F	57	Los E or F	53
<b>Total</b>	<b>508</b>	<b>Total</b>	<b>508</b>





APPENDIX F - ROADWAY SEGMENT LEVELS OF SERVICE TABLES  
WEST ADAMS-BALDWIN HILLS-LEIMERT COMMUNITY PLAN UPDATE

#	Roadway	From	To	Existing ATCS	Existing ATCS	Direction	2030 Current - AM Peak Hour										2030 Current - PM Peak Hour											
							Model	Model Delta	Initial Calculation	Rounded	Forecast	Functional Class	pcphpl	Lanes	Capacity	V/C	LOS	Model	Model Delta	Initial Calculation	Rounded	Forecast	Functional Class	pcphpl	Lanes	Capacity	V/C	LOS
223	Van Ness Av	Hyde Park	Florence	X		NB	492	-48	780	780	790	secondary highway	770	1	770	1.026	F	607	77	624	620	620	secondary highway	770	1	770	0.805	D
224	Van Ness Av	Florence	Hyde Park	X		SB	617	-29	740	740	750	secondary highway	770	1	770	0.974	E	497	3	523	520	530	secondary highway	770	1	770	0.688	B
225	Van Ness Av	Hyde Park Bl	Slauson Av	X		NB	541	-4	570	570	580	secondary highway	770	1	770	0.753	C	496	27	512	510	510	secondary highway	770	1	770	0.662	B
226	Van Ness Av	Slauson Av	Hyde Park Bl	X		SB	477	3	502	500	510	secondary highway	770	1	770	0.662	B	590	66	605	600	600	secondary highway	770	1	770	0.779	C
227	Van Ness Av	54th St	54th St	X		NB	749	148	893	890	890	secondary highway	770	2	1540	0.578	A	863	94	808	810	810	secondary highway	770	2	1540	0.526	A
228	Van Ness Av	54th St	Slauson Av	X		SB	581	90	655	650	650	secondary highway	770	2	1540	0.422	A	782	160	973	970	970	secondary highway	770	2	1540	0.630	B
229	Arlington Av	54th St	48th St	X		NB	531	34	848	850	850	secondary highway	770	1	770	1.104	F	450	20	707	710	710	secondary highway	770	1	770	0.922	E
230	Arlington Av	48th St	48th St	X		SB	419	26	632	630	630	secondary highway	770	1	770	0.818	D	509	67	1,036	1,040	1,040	secondary highway	770	1	770	1.351	F
231	Arlington Av	48th St	Vernon Av	X		NB	566	27	582	580	580	secondary highway	770	1	770	0.753	C	471	9	498	500	500	secondary highway	770	1	770	0.649	B
232	Arlington Av	Vernon Av	48th St	X		SB	470	33	488	490	490	secondary highway	770	1	770	0.636	B	580	36	600	600	600	secondary highway	770	1	770	0.779	C
233	Arlington Av	Vernon Av	Martin Luther King Jr Bl	X		NB	1,060	-52	1,150	1,150	1,160	secondary highway	770	2	1540	0.753	C	899	54	925	920	920	secondary highway	770	2	1540	0.597	A
234	Arlington Av	Martin Luther King Jr Bl	Vernon Av	X		SB	697	200	687	690	690	secondary highway	770	2	1540	0.448	A	962	90	985	980	980	secondary highway	770	2	1540	0.636	B
235	Arlington Av	Martin Luther King Jr Bl	Rodeo Rd	X		NB	1,615	26	1,652	1,650	1,650	secondary highway	770	2	1540	1.071	F	1,424	106	1,448	1,450	1,450	secondary highway	770	2	1540	0.942	E
236	Arlington Av	Rodeo Rd	Martin Luther King Jr Bl	X		SB	1,437	163	1,456	1,460	1,460	secondary highway	770	2	1540	0.948	E	1,616	79	1,646	1,650	1,650	secondary highway	770	2	1540	1.071	F
237	Arlington Av	Rodeo Rd	Jefferson Bl	X		NB	1,158	82	1,179	1,180	1,180	secondary highway	770	2	1540	0.766	C	1,121	73	1,141	1,140	1,140	secondary highway	770	2	1540	0.740	C
238	Arlington Av	Rodeo Rd	Jefferson Bl	X		SB	1,073	128	1,087	1,090	1,090	secondary highway	770	2	1540	0.708	C	1,207	154	1,219	1,220	1,220	secondary highway	770	2	1540	0.792	C
239	Arlington Av	Jefferson Bl	Adams Bl	X		NB	1,613	189	1,627	1,630	1,630	secondary highway	770	2	1540	1.058	F	1,429	83	1,459	1,460	1,460	secondary highway	770	2	1540	0.948	E
240	Arlington Av	Adams Bl	Jefferson Bl	X		SB	1,328	189	1,328	1,330	1,330	secondary highway	770	2	1540	0.864	D	1,618	223	1,626	1,630	1,630	secondary highway	770	2	1540	1.058	F
241	Arlington Av	Adams Bl	I-10	X		NB	1,457	260	1,396	1,400	1,400	secondary highway	770	2	1540	0.909	E	1,336	123	853	850	850	secondary highway	770	2	1540	0.552	A
242	Arlington Av	I-10	Adams Bl	X		SB	1,383	267	1,212	1,210	1,210	secondary highway	770	2	1540	0.786	C	1,523	145	1,371	1,370	1,370	secondary highway	770	2	1540	0.890	D
243	Arlington Av	Washington Bl	Venice Bl	X		NB	2,107	342	2,105	2,110	2,110	secondary highway	770	2	1540	1.370	F	1,795	129	1,828	1,830	1,830	secondary highway	770	2	1540	1.188	F
244	Arlington Av	Venice Bl	Washington Bl	X		SB	1,443	119	1,469	1,470	1,470	secondary highway	770	2	1540	0.955	E	1,534	121	1,561	1,560	1,560	secondary highway	770	2	1540	1.013	F
245	Arlington Av	I-10	Washington Blvd	X		NB	1,916	378	1,855	1,850	1,850	secondary highway	770	2	1540	1.201	F	1,694	41	1,694	1,690	1,690	secondary highway	770	2	1540	1.097	F
246	Arlington Av	Washington Blvd	I-10	X		SB	1,823	124	1,803	1,800	1,800	secondary highway	770	2	1540	1.169	F	1,764	155	1,739	1,740	1,740	secondary highway	770	2	1540	1.130	F
247	Arlington Av	Venice Bl	Pico Bl	X		NB	1,539	259	1,546	1,550	1,550	secondary highway	770	2	1540	1.006	F	1,350	64	1,383	1,380	1,380	secondary highway	770	2	1540	0.896	D
248	Arlington Av	Pico Bl	Venice Bl	X		SB	1,358	110	1,382	1,380	1,380	secondary highway	770	2	1540	0.896	D	1,310	109	1,341	1,340	1,340	secondary highway	770	2	1540	0.870	D







APPENDIX F - ROADWAY SEGMENT LEVELS OF SERVICE TABLES  
WEST ADAMS-BALDWIN HILLS-LEIMERT COMMUNITY PLAN UPDATE

#	Roadway	From	To	Existing ATISAC	Existing ATCS	Direction	2030 Current - AM Peak Hour										2030 Current - PM Peak Hour											
							Model	Model Delta	Initial Calculation	Rounded	Forecast	Functional Class	pcphpl	Lanes	Capacity	V/C	LOS	Model	Model Delta	Initial Calculation	Rounded	Forecast	Functional Class	pcphpl	Lanes	Capacity	V/C	LOS
471	Slauson Av	Crenshaw Blvd	8th St	X		EB	923	100	913	910	910	major highway 2	880	2	1760	0.517	A	1,256	129	1,237	1,240	1,240	major highway 2	880	2	1760	0.705	C
472	Slauson Av	8th St	Crenshaw Blvd	X		WB	1,207	66	1,205	1,200	1,200	major highway 2	880	2	1760	0.682	B	1,012	98	1,002	1,000	1,000	major highway 2	880	2	1760	0.568	A
473	60th St	Overhill	Alviso			EB	88	14	62	60	60	Collector	600	1	600	0.100	A	192	67	196	200	200	Collector	600	1	600	0.333	A
474	60th St	Alviso	Overhill			WB	158	60	150	150	150	Collector	600	1	600	0.250	A	95	23	109	110	110	Collector	600	1	600	0.483	A
475	60th St	Alviso	West Blvd			EB	89	28	83	80	80	Collector	600	1	600	0.133	A	251	97	251	250	250	Collector	600	1	600	0.417	A
476	60th St	Alviso	West Blvd			WB	323	2	162	160	170	Collector	600	1	600	0.283	A	98	37	111	110	110	Collector	600	1	600	0.183	A
477	60th St	Crenshaw Bl	8th St			EB	162	12	170	170	170	Collector	600	1	600	0.283	A	296	79	296	300	300	Collector	600	1	600	0.500	A
478	60th St	Crenshaw Bl	8th St			WB	383	100	393	390	390	Collector	600	1	600	0.650	B	235	98	232	230	230	Collector	600	1	600	0.383	A
479	60th St	West Blvd	Crenshaw Blvd			EB	342	84	330	330	330	Collector	600	1	600	0.550	A	567	163	546	550	550	Collector	600	1	600	0.917	E
480	60th St	Crenshaw Blvd	West Blvd			WB	389	163	366	370	370	Collector	600	1	600	0.617	B	354	92	347	350	350	Collector	600	1	600	0.583	A
481	60th St	8th St	4th Ave			EB	105	3	113	110	120	Collector	600	1	600	0.200	A	123	44	117	120	120	Collector	600	1	600	0.200	A
482	60th St	8th St	4th Ave			WB	182	64	173	170	170	Collector	600	1	600	0.283	A	124	50	121	120	120	Collector	600	1	600	0.200	A
483	60th St	4th Ave	Arlington Ave			EB	202	-15	220	220	230	Collector	600	1	600	0.383	A	185	53	184	180	180	Collector	600	1	600	0.300	A
484	60th St	Arlington Ave	4th Ave			WB	235	43	236	240	240	Collector	600	1	600	0.400	A	210	25	211	210	210	Collector	600	1	600	0.350	A
485	Hyde Park Bl	West Bl	Crenshaw Bl	X		EB	364	15	373	370	370	secondary highway	770	1	770	0.481	A	526	84	540	540	540	secondary highway	770	1	770	0.701	C
486	Hyde Park Bl	Crenshaw Bl	West Bl	X		WB	466	30	485	490	490	secondary highway	770	1	770	0.636	B	446	41	464	460	460	secondary highway	770	1	770	0.597	A
487	Hyde Park Bl	Crenshaw	8th	X		EB	322	8	216	220	220	secondary highway	770	1	770	0.286	A	381	26	391	390	390	secondary highway	770	1	770	0.506	A
488	Hyde Park Bl	8th	Crenshaw	X		WB	388	-9	420	420	430	secondary highway	770	1	770	0.558	A	278	30	285	280	280	secondary highway	770	1	770	0.364	A
489	Hyde Park Bl	8th	Van Ness	X		EB	391	7	206	210	210	secondary highway	770	1	770	0.273	A	413	47	419	420	420	secondary highway	770	1	770	0.545	A
490	Hyde Park Bl	Van Ness	8th	X		WB	442	-4	240	240	250	secondary highway	770	1	770	0.325	A	403	18	415	410	410	secondary highway	770	1	770	0.532	A
491	67th St	West Bl	Crenshaw Bl			EB	306	38	312	310	310	Collector	600	1	600	0.517	A	521	80	536	540	540	Collector	600	1	600	0.900	D
492	67th St	Crenshaw Bl	West Bl			WB	356	67	356	360	360	Collector	600	1	600	0.600	A	351	128	347	350	350	Collector	600	1	600	0.583	A
493	67th St	Crenshaw	4th			EB	62	-4	50	50	60	Collector	600	1	600	0.100	A	191	101	184	180	180	Collector	600	1	600	0.300	A
494	67th St	Crenshaw	4th			WB	217	25	91	90	90	Collector	600	1	600	0.150	A	157	48	160	160	160	Collector	600	1	600	0.267	A
495	67th St	4th	Van Ness			EB	102	-3	50	50	60	Collector	600	1	600	0.100	A	270	109	271	270	270	Collector	600	1	600	0.450	A
496	67th St	Van Ness	4th			WB	255	85	181	180	180	Collector	600	1	600	0.300	A	177	95	180	180	180	Collector	600	1	600	0.300	A
497	Florence Av	Crenshaw Bl	West Bl	X	X	EB	1,169	60	1,190	1,190	1,190	major highway 2	880	3	2640	0.451	A	1,607	153	1,628	1,630	1,630	major highway 2	880	3	2640	0.617	B
498	Florence Av	Crenshaw Bl	West Bl	X	X	WB	2,131	32	2,187	2,190	2,190	major highway 2	880	3	2640	0.830	D	1,556	225	1,568	1,570	1,570	major highway 2	880	3	2640	0.595	A
499	Florence Av	8th Ave	4th Ave	X	X	EB	1,371	118	1,359	1,360	1,360	major highway 2	880	3	2640	0.515	A	2,137	188	2,157	2,160	2,160	major highway 2	880	3	2640	0.818	D
500	Florence Av	4th Ave	8th Ave	X	X	WB	2,246	101	2,004	2,000	2,000	major highway 2	880	3	2640	0.758	C	1,789	335	1,779	1,780	1,780	major highway 2	880	3	2640	0.674	B
501	Florence Av	Crenshaw Blvd	8th St	X	X	EB	1,264	80	1,257	1,260	1,260	major highway 2	880	3	2640	0.477	A	1,958	67	1,956	1,960	1,960	major highway 2	880	3	2640	0.742	C
502	Florence Av	8th St	Crenshaw Blvd	X	X	WB	2,099	20	2,096	2,100	2,100	major highway 2	880	3	2640	0.795	C	1,686	211	1,636	1,640	1,640	major highway 2	880	3	2640	0.621	B
503	Florence Av	4th Ave	Arlington Ave	X	X	EB	1,401	121	1,390	1,390	1,390	major highway 2	880	3	2640	0.527	A	2,204	223	2,176	2,180	2,180	major highway 2	880	3	2640	0.826	D
504	Florence Av	Arlington Ave	4th Ave	X	X	WB	2,249	87	2,242	2,240	2,240	major highway 2	880	3	2640	0.848	D	1,761	318	1,715	1,720	1,720	major highway 2	880	3	2640	0.652	B
505	76th St	Crenshaw Bl	Van Ness Av			EB	90	16	103	100	100	Collector	600	1	600	0.167	A	117	46	128	130	130	Collector	600	1	600	0.217	A
506	76th St	Van Ness Av	Crenshaw Bl			WB	139	51	142	140	140	Collector	600	1	600	0.233	A	112	29	124	120	120	Collector	600	1	600	0.200	A
507	79th St	Crenshaw Bl	8th Av			EB	82	1	101	100	110	Collector	600	1	600	0.183	A	177	74	182	180	180	Collector	600	1	600	0.300	A
508	79th St	8th Av	Crenshaw Bl			WB	132	32	146	150	150	Collector	600	1	600	0.250	A	56	-16	90	90	100	Collector	600	1	600	0.167	A

<b>Total</b>	<b>428,831</b>	<b>44,418</b>	<b>432,630</b>	<b>474,469</b>	<b>62,902</b>	<b>475,740</b>						
	<b>2030 Current AM</b>						<b>2030 Current PM</b>					
	<b>LOS D or Better 432</b>						<b>LOS D or Better 425</b>					
	<b>Los E 37</b>						<b>Los E 38</b>					
	<b>Los F 39</b>						<b>Los F 45</b>					
	<b>Los E or F 76</b>						<b>Los E or F 83</b>					
	<b>Total 508</b>						<b>Total 508</b>					





APPENDIX F - ROADWAY SEGMENT LEVELS OF SERVICE TABLES  
WEST ADAMS-BALDWIN HILLS-LEIMERT COMMUNITY PLAN UPDATE

#	Roadway	From	To	Existing AT/SAC	Existing ATCS	Direction	2030 Proposed TOD with 4Ds - AM Peak Hour										2030 Proposed TOD with 4Ds - PM Peak Hour											
							Model	Model Delta	Initial Calculation	Rounded	Forecast	Functional Class	pcphpl	Lanes	Capacity	V/C	LOS	Model	Model Delta	Initial Calculation	Rounded	Forecast	Functional Class	pcphpl	Lanes	Capacity	V/C	LOS
							223	Van Ness Av	Hyde Park	Florence	X		NB	490	-50	780	780	790	secondary highway	770	1	770	1.026	F	652	121	661	660
224	Van Ness Av	Florence	Hyde Park	X		SB	632	-14	740	740	750	secondary highway	770	1	770	0.974	E	501	8	527	530	530	secondary highway	770	1	770	0.688	B
225	Van Ness Av	Hyde Park Bl	Slauson Av	X		NB	560	15	583	580	580	secondary highway	770	1	770	0.753	C	502	32	517	520	520	secondary highway	770	1	770	0.675	B
226	Van Ness Av	Slauson Av	Hyde Park Bl	X		SB	482	8	506	510	510	secondary highway	770	1	770	0.662	B	610	85	621	620	620	secondary highway	770	1	770	0.805	D
227	Van Ness Av	54th St	54th St	X		NB	787	166	908	910	910	secondary highway	770	2	1540	0.591	A	895	127	835	840	840	secondary highway	770	2	1540	0.545	A
228	Van Ness Av	54th St	Slauson Av	X		SB	599	108	670	670	670	secondary highway	770	2	1540	0.435	A	835	213	1,017	1,020	1,020	secondary highway	770	2	1540	0.662	B
229	Arlington Av	54th St	48th St	X		NB	538	41	854	850	850	secondary highway	770	1	770	1.104	F	488	59	739	740	740	secondary highway	770	1	770	0.961	E
230	Arlington Av	48th St	54th St	X		SB	430	37	641	640	640	secondary highway	770	1	770	0.831	D	505	62	1,032	1,030	1,030	secondary highway	770	1	770	1.338	F
231	Arlington Av	48th St	Vernon Av	X		NB	577	38	591	590	590	secondary highway	770	1	770	0.766	C	505	43	526	530	530	secondary highway	770	1	770	0.688	B
232	Arlington Av	48th St	Vernon Av	X		SB	470	33	488	490	490	secondary highway	770	1	770	0.636	B	563	20	586	590	590	secondary highway	770	1	770	0.766	C
233	Arlington Av	Vernon Av	Martin Luther King Jr Bl	X		NB	1,133	21	1,168	1,170	1,170	secondary highway	770	2	1540	0.760	C	1,005	159	1,013	1,010	1,010	secondary highway	770	2	1540	0.656	B
234	Arlington Av	Martin Luther King Jr Bl	Vernon Av	X		SB	732	236	716	720	720	secondary highway	770	2	1540	0.468	A	1,039	166	1,048	1,050	1,050	secondary highway	770	2	1540	0.682	B
235	Arlington Av	Martin Luther King Jr Bl	Rodeo Rd	X		NB	1,624	35	1,659	1,660	1,660	secondary highway	770	2	1540	1.078	F	1,484	166	1,498	1,500	1,500	secondary highway	770	2	1540	0.974	E
236	Arlington Av	Rodeo Rd	Martin Luther King Jr Bl	X		SB	1,463	188	1,477	1,480	1,480	secondary highway	770	2	1540	0.961	E	1,592	54	1,625	1,630	1,630	secondary highway	770	2	1540	1.058	F
237	Arlington Av	Rodeo Rd	Jefferson Bl	X		NB	1,202	126	1,215	1,210	1,210	secondary highway	770	2	1540	0.786	C	1,148	100	1,163	1,160	1,160	secondary highway	770	2	1540	0.753	C
238	Arlington Av	Rodeo Rd	Jefferson Bl	X		SB	1,073	128	1,087	1,090	1,090	secondary highway	770	2	1540	0.708	C	1,162	109	1,181	1,180	1,180	secondary highway	770	2	1540	0.766	C
239	Arlington Av	Jefferson Bl	Adams Bl	X		NB	1,623	198	1,635	1,640	1,640	secondary highway	770	2	1540	1.065	F	1,526	180	1,540	1,540	1,540	secondary highway	770	2	1540	1.000	E
240	Arlington Av	Adams Bl	Jefferson Bl	X		SB	1,360	221	1,354	1,350	1,350	secondary highway	770	2	1540	0.877	D	1,595	200	1,607	1,610	1,610	secondary highway	770	2	1540	1.045	F
241	Arlington Av	Adams Bl	I-10	X		NB	1,402	205	1,350	1,350	1,350	secondary highway	770	2	1540	0.877	D	1,419	207	922	920	920	secondary highway	770	2	1540	0.597	A
242	Arlington Av	Adams Bl	I-10	X		SB	1,399	283	1,226	1,230	1,230	secondary highway	770	2	1540	0.799	C	1,551	173	1,394	1,390	1,390	secondary highway	770	2	1540	0.903	E
243	Arlington Av	Washington Bl	Venice Bl	X		NB	1,962	198	1,985	1,980	1,980	secondary highway	770	2	1540	1.286	F	1,704	39	1,752	1,750	1,750	secondary highway	770	2	1540	1.136	F
244	Arlington Av	Venice Bl	Washington Bl	X		SB	1,499	175	1,516	1,520	1,520	secondary highway	770	2	1540	0.987	E	1,749	336	1,740	1,740	1,740	secondary highway	770	2	1540	1.130	F
245	Arlington Av	I-10	Washington Blvd	X		NB	1,773	235	1,735	1,740	1,740	secondary highway	770	2	1540	1.130	F	1,656	3	1,663	1,660	1,670	secondary highway	770	2	1540	1.084	F
246	Arlington Av	Washington Blvd	I-10	X		SB	1,855	156	1,830	1,830	1,830	secondary highway	770	2	1540	1.188	F	1,757	176	1,757	1,760	1,760	secondary highway	770	2	1540	1.143	F
247	Arlington Av	Venice Bl	Pico Bl	X		NB	1,406	126	1,435	1,440	1,440	secondary highway	770	2	1540	0.935	E	1,397	111	1,422	1,420	1,420	secondary highway	770	2	1540	0.922	E
248	Arlington Av	Pico Bl	Venice Bl	X		SB	1,390	143	1,409	1,410	1,410	secondary highway	770	2	1540	0.916	E	1,467	266	1,471	1,470	1,470	secondary highway	770	2	1540	0.955	E













APPENDIX F - ROADWAY SEGMENT LEVELS OF SERVICE TABLES  
WEST ADAMS-BALDWIN HILLS-LEIMERT COMMUNITY PLAN UPDATE

#	Roadway	From	To	Existing AT/SAC	Existing ATCS	Direction	2030 Proposed TOD with 4Ds No Bike Lanes - AM Peak Hour										2030 Proposed TOD with 4Ds No Bike Lanes - PM Peak Hour											
							Model	Model Delta	Initial Calculation	Rounded	Forecast	Functional Class	pcphpl	Lanes	Capacity	V/C	LOS	Model	Model Delta	Initial Calculation	Rounded	Forecast	Functional Class	pcphpl	Lanes	Capacity	V/C	LOS
223	Van Ness Av	Hyde Park	Florence	X		NB	493	-47	741	740	750	secondary highway	770	1	770	0.964	E	639	109	651	650	650	secondary highway	770	1	770	0.834	D
224	Van Ness Av	Florence	Hyde Park	X		SB	631	-15	727	730	740	secondary highway	770	1	770	0.951	E	504	10	528	530	530	secondary highway	770	1	770	0.678	B
225	Van Ness Av	Hyde Park Bl	Slauson Av	X		NB	554	9	578	580	580	secondary highway	770	1	770	0.743	C	506	36	520	520	520	secondary highway	770	1	770	0.665	B
226	Van Ness Av	Slauson Av	Hyde Park Bl	X		SB	483	9	507	510	510	secondary highway	770	1	770	0.652	B	594	69	608	610	610	secondary highway	770	1	770	0.782	C
227	Van Ness Av	54th St	54th St	X		NB	776	175	916	920	920	secondary highway	770	2	1540	0.587	A	670	101	814	810	810	secondary highway	770	2	1540	0.516	A
228	Van Ness Av	54th St	Slauson Av	X		SB	606	115	676	680	680	secondary highway	770	2	1540	0.432	A	821	199	1,006	1,010	1,010	secondary highway	770	2	1540	0.646	B
229	Arlington Av	54th St	48th St	X		NB	538	41	854	850	850	secondary highway	770	1	770	1.094	F	486	56	737	740	740	secondary highway	770	1	770	0.951	E
230	Arlington Av	48th St	48th St	X		SB	428	36	640	640	640	secondary highway	770	1	770	0.821	D	482	40	1,014	1,010	1,010	secondary highway	770	1	770	1.302	F
231	Arlington Av	48th St	Vernon Av	X		NB	572	33	587	590	590	secondary highway	770	1	770	0.756	C	503	41	524	520	520	secondary highway	770	1	770	0.665	B
232	Arlington Av	Vernon Av	48th St	X		SB	463	26	482	480	480	secondary highway	770	1	770	0.613	B	540	-3	567	570	580	secondary highway	770	1	770	0.743	C
233	Arlington Av	Vernon Av	Martin Luther King Jr Bl	X		NB	1,119	7	1,156	1,160	1,160	secondary highway	770	2	1540	0.743	C	1,020	174	1,025	1,030	1,030	secondary highway	770	2	1540	0.659	B
234	Arlington Av	Martin Luther King Jr Bl	Vernon Av	X		SB	722	226	708	710	710	secondary highway	770	2	1540	0.451	A	1,023	150	1,035	1,030	1,030	secondary highway	770	2	1540	0.659	B
235	Arlington Av	Martin Luther King Jr Bl	Rodeo Rd	X		NB	1,657	68	1,687	1,690	1,690	secondary highway	770	2	1540	1.087	F	1,531	212	1,537	1,540	1,540	secondary highway	770	2	1540	0.990	E
236	Arlington Av	Rodeo Rd	Martin Luther King Jr Bl	X		SB	1,451	176	1,467	1,470	1,470	secondary highway	770	2	1540	0.945	E	1,604	66	1,635	1,640	1,640	secondary highway	770	2	1540	1.055	F
237	Arlington Av	Rodeo Rd	Jefferson Bl	X		NB	1,185	109	1,201	1,200	1,200	secondary highway	770	2	1540	0.769	C	1,168	120	1,180	1,180	1,180	secondary highway	770	2	1540	0.756	C
238	Arlington Av	Rodeo Rd	Jefferson Bl	X		SB	1,062	117	1,077	1,080	1,080	secondary highway	770	2	1540	0.691	B	1,134	81	1,157	1,160	1,160	secondary highway	770	2	1540	0.743	C
239	Arlington Av	Jefferson Bl	Adams Bl	X		NB	1,631	207	1,642	1,640	1,640	secondary highway	770	2	1540	1.055	F	1,539	192	1,550	1,550	1,550	secondary highway	770	2	1540	0.996	E
240	Arlington Av	Adams Bl	Jefferson Bl	X		SB	1,376	237	1,367	1,370	1,370	secondary highway	770	2	1540	0.880	D	1,534	139	1,556	1,560	1,560	secondary highway	770	2	1540	1.003	F
241	Arlington Av	Adams Bl	I-10	X		NB	1,449	251	1,389	1,390	1,390	secondary highway	770	2	1540	0.893	D	1,464	252	960	960	960	secondary highway	770	2	1540	0.613	B
242	Arlington Av	I-10	Adams Bl	X		SB	1,408	292	1,234	1,230	1,230	secondary highway	770	2	1540	0.789	C	1,458	80	1,316	1,320	1,320	secondary highway	770	2	1540	0.847	D
243	Arlington Av	Washington Bl	Venice Bl	X		NB	1,896	132	1,930	1,930	1,930	secondary highway	770	2	1540	1.243	F	1,730	64	1,773	1,770	1,770	secondary highway	770	2	1540	1.139	F
244	Arlington Av	Venice Bl	Washington Bl	X		SB	1,459	134	1,482	1,480	1,480	secondary highway	770	2	1540	0.951	E	1,555	143	1,579	1,580	1,580	secondary highway	770	2	1540	1.016	F
245	Arlington Av	I-10	Washington Blvd	X		NB	1,674	136	1,653	1,650	1,650	secondary highway	770	2	1540	1.061	F	1,609	-43	1,624	1,620	1,630	secondary highway	770	2	1540	1.048	F
246	Arlington Av	Washington Blvd	I-10	X		SB	1,809	109	1,791	1,790	1,790	secondary highway	770	2	1540	1.152	F	1,723	115	1,705	1,710	1,710	secondary highway	770	2	1540	1.100	F
247	Arlington Av	Venice Bl	Pico Bl	X		NB	1,353	73	1,391	1,390	1,390	secondary highway	770	2	1540	0.893	D	1,527	241	1,531	1,530	1,530	secondary highway	770	2	1540	0.984	E
248	Arlington Av	Pico Bl	Venice Bl	X		SB	1,346	99	1,373	1,370	1,370	secondary highway	770	2	1540	0.880	D	1,423	222	1,435	1,440	1,440	secondary highway	770	2	1540	0.925	E





**APPENDIX F - ROADWAY SEGMENT LEVELS OF SERVICE TABLES**  
**WEST ADAMS-BALDWIN HILLS-LEIMERT COMMUNITY PLAN UPDATE**

#	Roadway	From	To	Existing AT/SAC	Existing ATCS	Direction	2030 Proposed TOD with 4Ds No Bike Lanes - AM Peak Hour										2030 Proposed TOD with 4Ds No Bike Lanes - PM Peak Hour													
							Model	Model Delta	Initial Calculation	Rounded	Forecast	Functional Class	ppchpl	Lanes	Capacity	V/C	LOS	Model	Model Delta	Initial Calculation	Rounded	Forecast	Functional Class	ppchpl	Lanes	Capacity	V/C	LOS		
471	Slauson Av	Crenshaw Blvd	8th St	X		EB	982	158	962	960	960	major highway 2	880	2	1760	0.535	A	1,326	199	1,296	1,300	1,300	major highway 2	880	2	1760	0.729	C		
472	Slauson Av	8th St	Crenshaw Blvd	X		WB	1,237	96	1,230	1,230	1,230	major highway 2	880	2	1760	0.689	B	1,085	172	1,063	1,060	1,060	major highway 2	880	2	1760	0.592	A		
473	60th St	Overhill	Alviso			EB	92	18	65	70	70	Collector	600	1	600	0.107	A	194	69	198	200	200	Collector	600	1	600	0.323	A		
474	60th St	Alviso	Overhill			WB	179	81	167	170	170	Collector	600	1	600	0.273	A	129	57	137	140	140	Collector	600	1	600	0.223	A		
475	60th St	West Blvd	Alviso			EB	89	28	84	80	80	Collector	600	1	600	0.123	A	235	82	238	240	240	Collector	600	1	600	0.390	A		
476	60th St	West Blvd	Alviso			WB	315	-5	156	160	170	Collector	600	1	600	0.273	A	158	97	161	160	160	Collector	600	1	600	0.257	A		
477	60th St	Crenshaw Bl	8th St			EB	166	17	174	170	170	Collector	600	1	600	0.273	A	340	123	332	330	330	Collector	600	1	600	0.540	A		
478	60th St	Crenshaw Bl	8th St			WB	426	133	421	420	420	Collector	600	1	600	0.690	B	277	141	267	270	270	Collector	600	1	600	0.440	A		
479	60th St	West Blvd	Crenshaw Blvd			EB	369	110	352	350	350	Collector	600	1	600	0.573	A	604	200	577	580	580	Collector	600	1	600	0.957	E		
480	60th St	Crenshaw Blvd	West Blvd			WB	426	200	397	400	400	Collector	600	1	600	0.657	B	421	159	403	400	400	Collector	600	1	600	0.657	B		
481	60th St	8th St	4th Ave			EB	114	12	120	120	120	Collector	600	1	600	0.190	A	156	77	144	140	140	Collector	600	1	600	0.223	A		
482	60th St	8th St	4th Ave			WB	195	76	184	180	180	Collector	600	1	600	0.290	A	163	88	154	150	150	Collector	600	1	600	0.240	A		
483	60th St	4th Ave	Arlington Ave			EB	213	-4	217	220	230	Collector	600	1	600	0.373	A	223	92	217	220	220	Collector	600	1	600	0.357	A		
484	60th St	Arlington Ave	4th Ave			WB	245	53	244	240	240	Collector	600	1	600	0.390	A	190	5	194	190	200	Collector	600	1	600	0.323	A		
485	Hyde Park Bl	West Bl	Crenshaw Bl	X		EB	393	45	397	400	400	secondary highway	770	1	770	0.509	A	580	137	585	580	580	secondary highway	770	1	770	0.743	C		
486	Hyde Park Bl	Crenshaw Bl	West Bl	X		WB	497	61	511	510	510	secondary highway	770	1	770	0.652	B	533	128	537	540	540	secondary highway	770	1	770	0.691	B		
487	Hyde Park Bl	Crenshaw	8th	X		EB	321	7	216	220	220	secondary highway	770	1	770	0.276	A	379	24	390	390	390	secondary highway	770	1	770	0.496	A		
488	Hyde Park Bl	8th	Crenshaw	X		WB	390	-7	414	410	420	secondary highway	770	1	770	0.535	A	298	50	302	300	300	secondary highway	770	1	770	0.380	A		
489	Hyde Park Bl	8th	Van Ness	X		EB	400	16	213	210	210	secondary highway	770	1	770	0.263	A	410	44	417	420	420	secondary highway	770	1	770	0.535	A		
490	Hyde Park Bl	Van Ness	8th	X		WB	455	9	248	250	250	secondary highway	770	1	770	0.315	A	391	6	405	410	410	secondary highway	770	1	770	0.522	A		
491	67th St	West Bl	Crenshaw Bl			EB	358	90	355	360	360	Collector	600	1	600	0.590	A	566	124	574	570	570	Collector	600	1	600	0.940	E		
492	67th St	Crenshaw Bl	West Bl			WB	368	78	365	370	370	Collector	600	1	600	0.607	B	365	142	358	360	360	Collector	600	1	600	0.590	A		
493	67th St	Crenshaw	4th			EB	75	9	58	60	60	Collector	600	1	600	0.090	A	237	147	223	220	220	Collector	600	1	600	0.357	A		
494	67th St	Crenshaw	4th			WB	233	41	105	100	100	Collector	600	1	600	0.157	A	168	59	169	170	170	Collector	600	1	600	0.273	A		
495	67th St	4th	Van Ness			EB	114	9	57	60	60	Collector	600	1	600	0.090	A	318	158	311	310	310	Collector	600	1	600	0.507	A		
496	67th St	Van Ness	4th			WB	255	85	161	180	180	Collector	600	1	600	0.290	A	187	106	188	190	190	Collector	600	1	600	0.307	A		
497	Florence Av	Crenshaw Bl	West Bl	X	X	EB	1,175	66	1,195	1,190	1,190	major highway 2	880	3	2640	0.441	A	1,713	259	1,715	1,720	1,720	major highway 2	880	3	2640	0.642	B		
498	Florence Av	Crenshaw Bl	West Bl	X	X	WB	2,141	42	2,195	2,200	2,200	major highway 2	880	3	2640	0.823	D	1,621	291	1,622	1,620	1,620	major highway 2	880	3	2640	0.604	B		
499	Florence Av	8th Ave	4th Ave	X	X	EB	1,420	168	1,400	1,400	1,400	major highway 2	880	3	2640	0.520	A	2,289	340	2,284	2,280	2,280	major highway 2	880	3	2640	0.854	D		
500	Florence Av	4th Ave	8th Ave	X	X	WB	2,303	157	2,051	2,050	2,050	major highway 2	880	3	2640	0.767	C	1,873	419	1,849	1,850	1,850	major highway 2	880	3	2640	0.691	B		
501	Florence Av	Crenshaw Blvd	8th St	X	X	EB	1,314	131	1,299	1,300	1,300	major highway 2	880	3	2640	0.482	A	2,058	167	2,039	2,040	2,040	major highway 2	880	3	2640	0.763	C		
502	Florence Av	8th St	Crenshaw Blvd	X	X	WB	2,139	59	2,129	2,130	2,130	major highway 2	880	3	2640	0.797	C	1,657	202	1,628	1,630	1,630	major highway 2	880	3	2640	0.607	B		
503	Florence Av	4th Ave	Arlington Ave	X	X	EB	1,448	168	1,430	1,430	1,430	major highway 2	880	3	2640	0.532	A	2,419	438	2,355	2,360	2,360	major highway 2	880	3	2640	0.884	D		
504	Florence Av	Arlington Ave	4th Ave	X	X	WB	2,327	165	2,308	2,310	2,310	major highway 2	880	3	2640	0.865	D	1,816	373	1,761	1,760	1,760	major highway 2	880	3	2640	0.657	B		
505	76th St	Crenshaw Bl	Van Ness Av			EB	105	30	115	120	120	Collector	600	1	600	0.190	A	213	142	209	210	210	Collector	600	1	600	0.340	A		
506	76th St	Van Ness Av	Crenshaw Bl			WB	169	81	168	170	170	Collector	600	1	600	0.273	A	129	46	138	140	140	Collector	600	1	600	0.223	A		
507	79th St	Crenshaw Bl	8th Av			EB	90	9	108	110	110	Collector	600	1	600	0.173	A	243	141	237	240	240	Collector	600	1	600	0.390	A		
508	79th St	8th Av	Crenshaw Bl			WB	145	44	157	160	160	Collector	600	1	600	0.257	A	67	-5	86	90	100	Collector	600	1	600	0.157	A		
<b>Total</b>							<b>443,523</b>	<b>59,109</b>			<b>442,060</b>							<b>505,238</b>	<b>93,671</b>			<b>500,050</b>								

<b>2030 TOD Proposed with 4Ds No Bike Lanes AM</b> LOS D or Better <b>437</b> Los E <b>31</b> Los F <b>40</b> Los E or F <b>71</b> Total <b>508</b>	<b>2030 TOD Proposed with 4Ds No Bike Lanes PM</b> LOS D or Better <b>409</b> Los E <b>44</b> Los F <b>55</b> Los E or F <b>99</b> Total <b>508</b>
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APPENDIX F - ROADWAY SEGMENT LEVELS OF SERVICE TABLES  
WEST ADAMS-BALDWIN HILLS-LEIMERT COMMUNITY PLAN UPDATE

#	Roadway	From	To	Existing AT/SAC	Existing ATCS	Direction	2030 Proposed TOD with 4Ds Full Bike Lanes - AM Peak Hour										2030 Proposed TOD with 4Ds Full Bike Lanes - PM Peak Hour											
							Model	Model Delta	Initial Calculation	Rounded	Forecast	Functional Class	pcphpl	Lanes	Capacity	V/C	LOS	Model	Model Delta	Initial Calculation	Rounded	Forecast	Functional Class	pcphpl	Lanes	Capacity	V/C	LOS
223	Van Ness Av	Hyde Park	Florence	X		NB	484	-56	733	730	740	secondary highway	770	1	770	0.951	E	625	94	639	640	640	secondary highway	770	1	770	0.821	D
224	Van Ness Av	Florence	Hyde Park	X		SB	615	-30	715	710	720	secondary highway	770	1	770	0.925	E	488	-6	515	520	530	secondary highway	770	1	770	0.678	B
225	Van Ness Av	Hyde Park Bl	Slauson Av	X		NB	533	-11	560	560	570	secondary highway	770	1	770	0.730	C	494	24	510	510	510	secondary highway	770	1	770	0.652	B
226	Van Ness Av	Slauson Av	Hyde Park Bl	X		SB	479	5	504	500	510	secondary highway	770	1	770	0.652	B	586	62	602	600	600	secondary highway	770	1	770	0.769	C
227	Van Ness Av	54th St	54th St	X		NB	785	184	923	920	920	secondary highway	770	2	1540	0.587	A	680	111	822	820	820	secondary highway	770	2	1540	0.522	A
228	Van Ness Av	54th St	Slauson Av	X		SB	600	109	671	670	670	secondary highway	770	2	1540	0.425	A	792	169	981	980	980	secondary highway	770	2	1540	0.626	B
229	Arlington Av	54th St	48th St	X		NB	558	62	872	870	870	secondary highway	770	1	770	1.120	F	490	60	740	740	740	secondary highway	770	1	770	0.951	E
230	Arlington Av	48th St	48th St	X		SB	412	20	626	630	630	secondary highway	770	1	770	0.808	D	472	30	1,005	1,010	1,010	secondary highway	770	1	770	1.302	F
231	Arlington Av	48th St	Vernon Av	X		NB	546	6	565	570	570	secondary highway	770	1	770	0.730	C	487	25	511	510	510	secondary highway	770	1	770	0.652	B
232	Arlington Av	Vernon Av	48th St	X		SB	432	-5	456	460	470	secondary highway	770	1	770	0.600	B	527	-16	556	560	570	secondary highway	770	1	770	0.730	C
233	Arlington Av	Vernon Av	Martin Luther King Jr Bl	X		NB	667	-445	779	780	790	secondary highway	770	1	770	1.016	F	615	-230	688	690	700	secondary highway	770	1	770	0.899	D
234	Arlington Av	Martin Luther King Jr Bl	Vernon Av	X		SB	470	-26	498	500	510	secondary highway	770	1	770	0.652	B	585	-288	670	670	680	secondary highway	770	1	770	0.873	D
235	Arlington Av	Martin Luther King Jr Bl	Rodeo Rd	X		NB	913	-675	1,067	1,070	1,080	secondary highway	770	1	770	1.393	F	836	-483	958	960	970	secondary highway	770	1	770	1.250	F
236	Arlington Av	Rodeo Rd	Martin Luther King Jr Bl	X		SB	843	-432	960	960	970	secondary highway	770	1	770	1.250	F	862	-675	1,017	1,020	1,030	secondary highway	770	1	770	1.328	F
237	Arlington Av	Rodeo Rd	Jefferson Bl	X		NB	594	-482	709	710	720	secondary highway	770	1	770	0.925	E	619	-429	722	720	730	secondary highway	770	1	770	0.938	E
238	Arlington Av	Jefferson Bl	Rodeo Rd	X		SB	579	-367	674	670	680	secondary highway	770	1	770	0.873	D	630	-423	738	740	750	secondary highway	770	1	770	0.964	E
239	Arlington Av	Jefferson Bl	Adams Bl	X		NB	948	-476	1,073	1,070	1,080	secondary highway	770	1	770	1.393	F	912	-434	1,028	1,030	1,040	secondary highway	770	1	770	1.341	F
240	Arlington Av	Adams Bl	Jefferson Bl	X		SB	818	-320	903	900	910	secondary highway	770	1	770	1.172	F	877	-518	1,008	1,010	1,020	secondary highway	770	1	770	1.315	F
241	Arlington Av	Adams Bl	I-10	X		NB	854	-344	893	890	900	secondary highway	770	1	770	1.159	F	901	-312	490	490	500	secondary highway	770	1	770	0.639	B
242	Arlington Av	I-10	Adams Bl	X		SB	864	-252	780	780	790	secondary highway	770	1	770	1.016	F	801	-578	768	770	780	secondary highway	770	1	770	1.003	F
243	Arlington Av	Washington Bl	Venice Bl	X		NB	1,010	-755	1,191	1,190	1,200	secondary highway	770	1	770	1.548	F	997	-669	1,163	1,160	1,170	secondary highway	770	1	770	1.509	F
244	Arlington Av	Venice Bl	Washington Bl	X		SB	771	-554	909	910	920	secondary highway	770	1	770	1.185	F	802	-611	951	950	960	secondary highway	770	1	770	1.237	F
245	Arlington Av	I-10	Washington Blvd	X		NB	1,035	-503	1,121	1,120	1,130	secondary highway	770	1	770	1.458	F	878	-774	1,015	1,010	1,020	secondary highway	770	1	770	1.315	F
246	Arlington Av	Washington Blvd	I-10	X		SB	1,096	-604	1,197	1,200	1,210	secondary highway	770	1	770	1.561	F	1,068	-541	1,159	1,160	1,170	secondary highway	770	1	770	1.509	F
247	Arlington Av	Venice Bl	Pico Bl	X		NB	821	-459	947	950	960	secondary highway	770	1	770	1.237	F	768	-519	898	900	910	secondary highway	770	1	770	1.172	F
248	Arlington Av	Pico Bl	Venice Bl	X		SB	762	-485	886	890	900	secondary highway	770	1	770	1.159	F	779	-422	898	900	910	secondary highway	770	1	770	1.172	F











APPENDIX F - ROADWAY SEGMENT LEVELS OF SERVICE TABLES  
WEST ADAMS-BALDWIN HILLS-LEIMERT COMMUNITY PLAN UPDATE

#	Roadway	From	To	Existing AT&SAC	Existing ATCS	Direction	2030 Proposed TOD with 4Ds Alternative Bike Lanes - AM Peak Hour										2030 Proposed TOD with 4Ds Alternative Bike Lanes - PM Peak Hour											
							Model	Model Delta	Initial Calculation	Rounded	Forecast	Functional Class	pcphpl	Lanes	Capacity	V/C	LOS	Model	Model Delta	Initial Calculation	Rounded	Forecast	Functional Class	pcphpl	Lanes	Capacity	V/C	LOS
223	Van Ness Av	Hyde Park	Florence	X		NB	475	-65	726	730	740	secondary highway	770	1	770	0.951	E	655	125	664	660	660	secondary highway	770	1	770	0.847	D
224	Van Ness Av	Florence	Hyde Park	X		SB	629	-16	726	730	740	secondary highway	770	1	770	0.951	E	496	2	522	520	530	secondary highway	770	1	770	0.678	B
225	Van Ness Av	Hyde Park Bl	Slauson Av	X		NB	544	-1	569	570	580	secondary highway	770	1	770	0.743	C	507	38	521	520	520	secondary highway	770	1	770	0.665	B
226	Van Ness Av	Slauson Av	Hyde Park Bl	X		SB	460	-14	488	490	500	secondary highway	770	1	770	0.639	B	591	66	605	610	610	secondary highway	770	1	770	0.782	C
227	Van Ness Av	54th St	54th St	X		NB	736	134	882	880	880	secondary highway	770	2	1540	0.561	A	704	135	843	840	840	secondary highway	770	2	1540	0.535	A
228	Van Ness Av	54th St	Slauson Av	X		SB	568	77	644	640	640	secondary highway	770	2	1540	0.406	A	811	189	998	1,000	1,000	secondary highway	770	2	1540	0.639	B
229	Arlington Av	54th St	48th St	X		NB	522	25	841	840	840	secondary highway	770	1	770	1.081	F	498	69	747	750	750	secondary highway	770	1	770	0.964	E
230	Arlington Av	48th St	54th St	X		SB	415	22	628	630	630	secondary highway	770	1	770	0.808	D	477	35	1,009	1,010	1,010	secondary highway	770	1	770	1.302	F
231	Arlington Av	48th St	Vernon Av	X		NB	535	-5	556	560	570	secondary highway	770	1	770	0.730	C	478	16	504	500	500	secondary highway	770	1	770	0.639	B
232	Arlington Av	Vernon Av	48th St	X		SB	438	2	461	460	470	secondary highway	770	1	770	0.600	B	514	-29	546	550	560	secondary highway	770	1	770	0.717	C
233	Arlington Av	Vernon Av	Martin Luther King Jr Bl	X		NB	670	-442	782	780	790	secondary highway	770	1	770	1.016	F	626	-219	698	700	710	secondary highway	770	1	770	0.912	E
234	Arlington Av	Martin Luther King Jr Bl	Vernon Av	X		SB	450	-46	481	480	490	secondary highway	770	1	770	0.626	B	569	-304	657	660	670	secondary highway	770	1	770	0.860	D
235	Arlington Av	Martin Luther King Jr Bl	Rodeo Rd	X		NB	920	-668	1,073	1,070	1,080	secondary highway	770	1	770	1.393	F	925	-393	1,032	1,030	1,040	secondary highway	770	1	770	1.341	F
236	Arlington Av	Rodeo Rd	Martin Luther King Jr Bl	X		SB	829	-446	948	950	960	secondary highway	770	1	770	1.237	F	843	-694	1,002	1,000	1,010	secondary highway	770	1	770	1.302	F
237	Arlington Av	Rodeo Rd	Jefferson Bl	X		NB	586	-490	702	700	710	secondary highway	770	1	770	0.912	E	663	-384	760	760	770	secondary highway	770	1	770	0.990	E
238	Arlington Av	Jefferson Bl	Rodeo Rd	X		SB	561	-385	660	660	670	secondary highway	770	1	770	0.860	D	596	-457	709	710	720	secondary highway	770	1	770	0.925	E
239	Arlington Av	Jefferson Bl	Adams Bl	X		NB	919	-506	1,049	1,050	1,060	secondary highway	770	1	770	1.367	F	895	-451	1,014	1,010	1,020	secondary highway	770	1	770	1.315	F
240	Arlington Av	Adams Bl	Jefferson Bl	X		SB	786	-353	876	880	890	secondary highway	770	1	770	1.146	F	873	-522	1,005	1,000	1,010	secondary highway	770	1	770	1.302	F
241	Arlington Av	Adams Bl	I-10	X		NB	845	-352	887	890	900	secondary highway	770	1	770	1.159	F	920	-293	506	510	520	secondary highway	770	1	770	0.665	B
242	Arlington Av	I-10	Adams Bl	X		SB	816	-300	740	740	750	secondary highway	770	1	770	0.964	E	836	-542	798	800	810	secondary highway	770	1	770	1.042	F
243	Arlington Av	Washington Bl	Venice Bl	X		NB	1,045	-720	1,220	1,220	1,230	secondary highway	770	1	770	1.587	F	1,163	-502	1,302	1,300	1,310	secondary highway	770	1	770	1.691	F
244	Arlington Av	Venice Bl	Washington Bl	X		SB	744	-580	887	890	900	secondary highway	770	1	770	1.159	F	837	-575	981	980	990	secondary highway	770	1	770	1.276	F
245	Arlington Av	I-10	Washington Blvd	X		NB	872	-666	985	990	1,000	secondary highway	770	1	770	1.289	F	988	-664	1,106	1,110	1,120	secondary highway	770	1	770	1.445	F
246	Arlington Av	Washington Blvd	I-10	X		SB	1,072	-628	1,177	1,180	1,190	secondary highway	770	1	770	1.535	F	991	-617	1,096	1,100	1,110	secondary highway	770	1	770	1.432	F
247	Arlington Av	Venice Bl	Pico Bl	X		NB	883	-397	999	1,000	1,010	secondary highway	770	1	770	1.302	F	998	-288	1,090	1,090	1,100	secondary highway	770	1	770	1.419	F
248	Arlington Av	Pico Bl	Venice Bl	X		SB	762	-485	886	890	900	secondary highway	770	1	770	1.159	F	857	-344	963	960	970	secondary highway	770	1	770	1.250	F



APPENDIX F - ROADWAY SEGMENT LEVELS OF SERVICE TABLES  
WEST ADAMS-BALDWIN HILLS-LEIMERT COMMUNITY PLAN UPDATE

#	Roadway	From	To	Existing ATSC	Existing ATCS	Direction	2030 Proposed TOD with 4Ds Alternative Bike Lanes - AM Peak Hour											2030 Proposed TOD with 4Ds Alternative Bike Lanes - PM Peak Hour										
							Model	Model Delta	Initial Calculation	Rounded	Forecast	Functional Class	pchpft	Lanes	Capacity	V/C	LOS	Model	Model Delta	Initial Calculation	Rounded	Forecast	Functional Class	pchpft	Lanes	Capacity	V/C	LOS
249	18th St	Robertson Bl	La Cienega Bl			EB	359	2	152	150	160	Collector	600	1	600	0.257	A	475	73	351	350	350	Collector	600	1	600	0.573	A
250	18th St	La Cienega Bl	Robertson Bl			WB	489	17	274	270	270	Collector	600	1	600	0.440	A	359	107	349	350	350	Collector	600	1	600	0.573	A
251	18th St	La Cienega Bl	Fairfax Av			EB	544	154	538	540	540	Collector	600	1	600	0.890	D	378	215	729	730	730	Collector	600	1	600	1.207	F
252	18th St	Fairfax Av	La Cienega Bl			WB	630	41	644	640	640	Collector	600	1	600	1.057	F	572	29	594	590	590	Collector	600	1	600	0.973	E
253	Cadillac Av	Robertson Bl	Coming St			EB	298	66	445	450	450	Collector	600	1	600	0.740	C	458	-35	511	510	520	Collector	600	1	600	0.857	D
254	Cadillac Av	Robertson Bl	Coming St			WB	376	-57	412	410	420	Collector	600	1	600	0.690	B	339	66	385	390	390	Collector	600	1	600	0.640	B
255	Cadillac Av	La Cienega Bl	Venice Bl		X	EB	332	57	457	460	460	major highway 2	880	2	1760	0.251	A	655	-118	302	300	310	major highway 2	880	2	1760	0.166	A
256	Cadillac Av	Venice Bl	La Cienega Bl		X	WB	1,395	-18	835	840	850	major highway 2	880	2	1760	0.473	A	1,251	124	1,353	1,350	1,350	major highway 2	880	2	1760	0.757	C
257	Cadillac Av	Coming St	La Cienega Blvd			EB	596	55	596	600	600	Collector	600	1	600	0.990	E	717	6	725	720	730	Collector	600	1	600	1.207	F
258	Cadillac Av	Coming St	La Cienega Blvd			WB	581	36	580	580	580	Collector	600	1	600	0.957	E	575	96	560	560	560	Collector	600	1	600	0.923	E
259	Beverlywood St	Canfield Av	Robertson Bl			EB	337	111	333	330	330	Collector	600	1	600	0.540	A	221	76	224	220	220	Collector	600	1	600	0.357	A
260	Beverlywood St	Robertson Bl	Canfield Av			WB	144	69	148	150	150	Collector	600	1	600	0.240	A	353	131	349	350	350	Collector	600	1	600	0.573	A
261	Beverlywood St	Robertson Bl	Garth Av/Coming St			EB	251	56	256	260	260	Collector	600	1	600	0.423	A	461	38	482	480	480	Collector	600	1	600	0.790	C
262	Beverlywood St	Garth Av/Coming St	Robertson Bl			WB	381	49	391	390	390	Collector	600	1	600	0.640	B	297	64	304	300	300	Collector	600	1	600	0.490	A
263	Cattaraugus Av	Canfield Av	Robertson Bl			EB	483	-73	519	520	530	Collector	600	1	600	0.873	D	647	-19	674	670	680	Collector	600	1	600	1.123	F
264	Cattaraugus Av	Robertson Bl	Canfield Av			WB	612	-68	644	640	650	Collector	600	1	600	1.073	F	637	47	649	650	650	Collector	600	1	600	1.073	F
265	Cattaraugus Av	Robertson	I-10			EB	503	56	177	180	180	Collector	600	1	600	0.290	A	489	32	256	260	260	Collector	600	1	600	0.423	A
266	Cattaraugus Av	Robertson	I-10			WB	343	7	236	240	240	Collector	600	1	600	0.390	A	326	38	161	160	160	Collector	600	1	600	0.257	A
267	National Bl	Canfield Av	Robertson Bl		X	EB	681	38	702	700	700	secondary highway	770	1	770	0.899	D	726	-67	764	760	770	secondary highway	770	1	770	0.990	E
268	National Bl	Robertson Bl	Canfield Av		X	WB	678	36	700	700	700	secondary highway	770	1	770	0.899	D	605	56	617	620	620	secondary highway	770	1	770	0.795	C
269	National Bl	Robertson Bl	Venice Bl		X	EB	1,400	93	968	970	970	secondary highway	770	2	1540	0.620	B	1,728	208	1,803	1,800	1,800	secondary highway	770	2	1540	1.159	F
270	National Bl	Venice Bl	Robertson Bl		X	WB	935	111	1,082	1,080	1,080	secondary highway	770	2	1540	0.691	B	974	269	894	890	890	secondary highway	770	2	1540	0.568	A
271	Pico Bl	West Bl	Crenshaw Bl		X	EB	1,131	81	898	900	900	major highway 2	880	2	1760	0.501	A	1,519	176	1,346	1,350	1,350	major highway 2	880	2	1760	0.757	C
272	Pico Bl	Crenshaw Bl	West Bl		X	WB	1,630	141	1,647	1,650	1,650	major highway 2	880	2	1760	0.928	E	1,190	212	1,186	1,190	1,190	major highway 2	880	2	1760	0.666	B
273	Pico Bl	Crenshaw Bl	6th Ave		X	EB	1,065	89	1,084	1,080	1,080	secondary highway	770	2	1540	0.691	B	1,444	166	1,458	1,460	1,460	secondary highway	770	2	1540	0.938	E
274	Pico Bl	Crenshaw Bl	6th Ave		X	WB	1,403	185	1,314	1,310	1,310	secondary highway	770	2	1540	0.841	D	1,092	238	1,059	1,060	1,060	secondary highway	770	2	1540	0.678	B
275	Pico Bl	6th Ave	Arlington Ave		X	EB	1,085	79	1,076	1,080	1,080	secondary highway	770	2	1540	0.691	B	1,527	273	1,488	1,490	1,490	secondary highway	770	2	1540	0.958	E
276	Pico Bl	Arlington Ave	6th Ave		X	WB	1,544	271	1,506	1,510	1,510	secondary highway	770	2	1540	0.971	E	1,234	198	1,205	1,200	1,200	secondary highway	770	2	1540	0.769	C
277	Venice Bl	La Cienega Bl	National Bl		X	EB	1,963	279	1,973	1,970	1,970	secondary highway	770	3	2310	0.843	D	2,862	418	2,869	2,870	2,870	secondary highway	770	3	2310	1.232	F
278	Venice Bl	La Cienega Bl	National Bl		X	WB	2,538	202	2,568	2,570	2,570	secondary highway	770	3	2310	1.103	F	2,267	418	2,249	2,250	2,250	secondary highway	770	3	2310	0.964	E
279	Venice Bl	La Cienega Bl	Cadillac Av		X	EB	1,429	240	1,420	1,420	1,420	secondary highway	770	3	2310	0.605	B	1,832	276	1,830	1,830	1,830	secondary highway	770	3	2310	0.782	C
280	Venice Bl	Cadillac Av	La Cienega Bl		X	WB	2,134	180	2,160	2,160	2,160	secondary highway	770	3	2310	0.925	E	1,970	249	1,988	1,990	1,990	secondary highway	770	3	2310	0.851	D
281	Venice Bl	Fairfax Av	Fairfax Av		X	EB	1,622	221	1,634	1,630	1,630	secondary highway	770	3	2310	0.696	B	2,645	410	2,642	2,640	2,640	secondary highway	770	3	2310	1.133	F
282	Venice Bl	Fairfax Av	Cadillac Av		X	WB	2,744	305	2,765	2,760	2,760	secondary highway	770	3	2310	1.185	F	2,069	362	2,062	2,060	2,060	secondary highway	770	3	2310	0.882	D
283	Venice Bl	Hauser Blvd	Thurman Ave		X	EB	1,872	263	1,879	1,880	1,880	secondary highway	770	3	2310	0.804	D	2,736	423	2,123	2,120	2,120	secondary highway	770	3	2310	0.908	E
284	Venice Bl	Hauser Blvd	Thurman Ave		X	WB	2,799	158	2,852	2,850	2,850	secondary highway	770	3	2310	1.224	F	2,190	178	2,058	2,060	2,060	secondary highway	770	3	2310	0.882	D
285	Venice Bl	Redondo Bl	La Brea Av		X	EB	1,277	171	1,282	1,280	1,280	secondary highway	770	3	2310	0.544	A	2,253	509	2,294	2,290	2,290	secondary highway	770	3	2310	0.981	E
286	Venice Bl	La Brea Av	Redondo Bl		X	WB	2,130	83	2,179	2,180	2,180	secondary highway	770	3	2310	0.934	E	1,735	184	2,003	2,000	2,000	secondary highway	770	3	2310	0.856	D
287	Venice Bl	La Brea Av	West Bl		X	EB	697	274	1,479	1,480	1,480	secondary highway	770	3	2310	0.631	B	2,138	681	1,588	1,590	1,590	secondary highway	770	3	2310	0.678	B
288	Venice Bl	La Brea Av	West Bl		X	WB	1,468	137	1,674	1,670	1,670	secondary highway	770	3	2310	0.713	C	1,166	222	1,155	1,150	1,150	secondary highway	770	3	2310	0.488	A
289	Venice Bl	Crenshaw Bl	6th Ave		X	EB	1,128	-329	836	840	850	secondary highway	770	2	1540	0.542	A	1,790	-245	1,166	1,170	1,180	secondary highway	770	2	1540	0.756	C
290	Venice Bl	6th Ave	Crenshaw Bl		X	WB	1,934	-340	1,137	1,140	1,150	secondary highway	770	2	1540	0.737	C	1,539	-344	833	830	840	secondary highway	770	2	1540	0.535	A
291	Venice Bl	Fairfax Av	Thurman Ave		X	EB	1,870	293	1,824	1,820	1,820	secondary highway	770	3	2310	0.778	C	2,732	445	2,661	2,660	2,660	secondary highway	770	3	2310	1.142	F
292	Venice Bl	Thurman Ave	Fairfax Av		X	WB	3,200	334	3,148	3,150	3,150	secondary highway	770	3	2310	1.354	F	2,388	267	2,353	2,350	2,350	secondary highway	770	3	2310	1.007	F
293	Venice Bl	Hauser Blvd	Redondo Blvd		X	EB	1,517	210	1,485	1,480	1,480	secondary highway	770	3	2310	0.631	B	2,330	473	2,254	2,250	2,250	secondary highway	770	3	2310	0.964	E
294	Venice Bl	Redondo Blvd	Hauser Blvd		X	WB	2,364	150	2,345	2,350	2,350	secondary highway	770	3	2310	1.007	F	1,922	176	1,897	1,900	1,900	secondary highway	770	3	2310	0.813	D
295	Venice Bl	West Blvd	Crenshaw Blvd		X	EB	1,880	133	1,861	1,860	1,860	secondary highway	770	3	2310	0.795	C	2,702	136	2,683	2,680	2,680	secondary highway	770	3	2310	1.150	F
296	Venice Bl	Crenshaw Blvd	West Blvd		X	WB	3,150	325	3,100	3,100	3,100	secondary highway	770	3	2310	1.332	F	2,667	207	2,642	2,640	2,640	secondary highway	770	3	2310	1.133	F
297	Venice Bl	6th Ave	Arlington Ave		X	EB	838	-366	905	900	910	secondary highway	770	2	1540	0.581	A	1,477	-288	1,530	1,530	1,540	secondary highway	770	2	1540	0.990	E
298	Venice Bl	6th Ave	Arlington Ave		X	WB	1,643	-224	1,683	1,680	1,690	secondary highway	770	2	1540	1.087	F	1,184	-361	1,249	1,250	1,260	secondary highway	770	2	1540	0.808	D
299	Washington Bl	Thurman Ave	Redondo Bl		X	EB	298	54	205	200	200	major highway 2	880	2	1760	0.104	A	1,194	234	575	580	580	major highway 2	880	2	1760	0.320	A
300	Washington Bl	Redondo Bl	Thurman Ave		X	WB	1,291	169	491	490	490	major highway 2	880	3	2640	0.176	A	630	224	537	540	540	major highway 2	880	2	1760	0.297	A
301	Washington Bl	Redondo Bl																										

APPENDIX F - ROADWAY SEGMENT LEVELS OF SERVICE TABLES  
 WEST ADAMS-BALDWIN HILLS-LEIMERT COMMUNITY PLAN UPDATE

#	Roadway	From	To	Existing ATSC	Existing ATCS	Direction	2030 Proposed TOD with 4Ds Alternative Bike Lanes - AM Peak Hour										2030 Proposed TOD with 4Ds Alternative Bike Lanes - PM Peak Hour											
							Model	Model Delta	Initial Calculation	Rounded	Forecast	Functional Class	ppchpl	Lanes	Capacity	V/C	LOS	Model	Model Delta	Initial Calculation	Rounded	Forecast	Functional Class	ppchpl	Lanes	Capacity	V/C	LOS
360	Jefferson Bl	7th Ave	Degnan Blvd	X		WB	542	262	508	510	510	secondary highway	770	2	1540	0.321	A	553	321	508	510	510	secondary highway	770	2	1540	0.321	A
361	Jefferson Bl	7th Ave	3rd Ave	X		WB	345	144	330	330	330	secondary highway	770	2	1540	0.204	A	908	482	832	830	830	secondary highway	770	2	1540	0.321	A
362	Jefferson Bl	3rd Ave	7th Ave	X		WB	620	378	565	570	570	secondary highway	770	2	1540	0.360	A	549	265	511	510	510	secondary highway	770	2	1540	0.321	A
363	Jefferson Bl	3rd Ave	Arlington Ave	X		EB	586	123	572	570	570	secondary highway	770	2	1540	0.360	A	1,151	590	1,062	1,060	1,060	secondary highway	770	2	1540	0.678	B
364	Jefferson Bl	Arlington Ave	3rd Ave	X		WB	823	454	749	750	750	secondary highway	770	2	1540	0.477	A	824	362	771	770	770	secondary highway	770	2	1540	0.490	A
365	Exposition Bl	La Brea Av	Crenshaw Bl	X		EB	292	-2	308	310	320	Collector	600	1	600	0.523	A	444	88	443	440	440	Collector	600	1	600	0.723	C
366	Exposition Bl	Crenshaw Bl	La Brea Av	X		WB	383	25	391	390	390	Collector	600	1	600	0.640	B	370	65	374	370	370	Collector	600	1	600	0.607	B
367	Exposition Bl	Crenshaw Bl	Arlington Av	X		EB	282	-21	63	60	70	Collector	600	2	1200	0.048	A	891	352	794	790	790	Collector	600	2	1200	0.648	B
368	Exposition Bl	Arlington Av	Crenshaw Bl	X		WB	605	138	605	610	610	Collector	600	2	1200	0.498	A	460	209	484	480	480	Collector	600	2	1200	0.390	A
369	Rodeo Rd	Jefferson Bl	La Cienega Bl	X		EB	1,141	159	1,153	1,150	1,150	major highway 2	880	2	1760	0.643	B	1,922	238	1,939	1,940	1,940	major highway 2	880	2	1760	1.092	F
370	Rodeo Rd	La Cienega Bl	Jefferson Bl	X		WB	1,726	23	1,779	1,780	1,780	major highway 2	880	2	1760	1.001	F	1,326	190	1,329	1,330	1,330	major highway 2	880	2	1760	0.746	C
371	Rodeo Rd	La Cienega Bl	Hauser Blvd	X		EB	1,119	105	1,177	1,140	1,140	major highway 2	880	2	1760	0.638	B	1,974	-29	2,046	2,050	2,060	major highway 2	880	2	1760	1.160	F
372	Rodeo Rd	Hauser Blvd	La Cienega Bl	X		WB	1,957	64	2,004	2,000	2,000	major highway 2	880	2	1760	1.126	F	1,510	57	1,548	1,550	1,550	major highway 2	880	2	1760	0.871	D
373	Rodeo Rd	Redondo Bl	La Brea Av	X		EB	1,095	396	1,050	1,050	1,050	major highway 2	880	2	1760	0.587	A	1,552	45	1,587	1,590	1,590	major highway 2	880	2	1760	0.893	D
374	Rodeo Rd	La Brea Av	Redondo Bl	X		WB	1,510	332	1,487	1,490	1,490	major highway 2	880	2	1760	0.837	D	1,260	371	1,229	1,230	1,230	major highway 2	880	2	1760	0.689	B
375	Rodeo Rd	La Brea Av	Martin Luther King Jr Bl	X		EB	1,153	160	1,164	1,160	1,160	major highway 2	880	2	1760	0.649	B	1,683	196	1,693	1,690	1,690	major highway 2	880	2	1760	0.950	E
376	Rodeo Rd	Martin Luther King Jr Bl	La Brea Av	X		WB	1,612	13	1,651	1,650	1,650	major highway 2	880	2	1760	0.928	E	1,510	284	1,507	1,510	1,510	major highway 2	880	2	1760	0.848	D
377	Rodeo Rd	Farmdale Ave	Buckingham Rd	X		EB	403	62	412	410	410	secondary highway	770	2	1540	0.256	A	678	242	662	660	660	secondary highway	770	2	1540	0.419	A
378	Rodeo Rd	Buckingham Rd	Farmdale Ave	X		WB	523	197	504	500	500	secondary highway	770	2	1540	0.315	A	535	219	512	510	510	secondary highway	770	2	1540	0.321	A
379	Rodeo Rd	Crenshaw Bl	Degnan Ave	X		EB	883	305	855	850	850	secondary highway	770	2	1540	0.542	A	1,184	50	1,212	1,210	1,210	secondary highway	770	2	1540	0.776	C
380	Rodeo Rd	Degnan Ave	Crenshaw Bl	X		WB	942	35	969	970	970	secondary highway	770	2	1540	0.620	B	922	211	915	920	920	secondary highway	770	2	1540	0.587	A
381	Rodeo Rd	Hauser Blvd	Redondo Blvd	X		EB	946	115	936	940	940	major highway 2	880	2	1760	0.524	A	1,416	-148	1,447	1,450	1,460	major highway 2	880	2	1760	0.820	D
382	Rodeo Rd	Redondo Blvd	Hauser Blvd	X		WB	1,436	7	1,436	1,440	1,440	major highway 2	880	2	1760	0.808	D	1,120	20	1,117	1,120	1,120	major highway 2	880	2	1760	0.626	B
383	Rodeo Rd	Martin Luther King Jr Blvd	Farmdale Ave	X		EB	294	50	291	290	290	secondary highway	770	2	1540	0.178	A	410	143	389	390	390	secondary highway	770	2	1540	0.243	A
384	Rodeo Rd	Farmdale Ave	Martin Luther King Jr Blvd	X		WB	349	123	332	330	330	secondary highway	770	2	1540	0.204	A	399	115	386	390	390	secondary highway	770	2	1540	0.243	A
385	Rodeo Rd	Crenshaw Blvd	Buckingham Rd	X		EB	530	43	526	530	530	secondary highway	770	2	1540	0.334	A	876	172	853	850	850	secondary highway	770	2	1540	0.542	A
386	Rodeo Rd	Buckingham Rd	Crenshaw Blvd	X		WB	679	229	641	640	640	secondary highway	770	2	1540	0.406	A	711	259	676	680	680	secondary highway	770	2	1540	0.432	A
387	Rodeo Rd	Degnan Ave	7th Ave	X		EB	602	153	577	580	580	secondary highway	770	2	1540	0.367	A	850	17	954	950	950	secondary highway	770	2	1540	0.607	B
388	Rodeo Rd	Degnan Ave	Degnan Ave	X		WB	806	80	797	800	800	secondary highway	770	2	1540	0.509	A	965	139	636	640	640	secondary highway	770	2	1540	0.406	A
389	Rodeo Rd	7th Ave	Dublin Ave	X		EB	806	141	788	790	790	secondary highway	770	2	1540	0.503	A	1,091	136	1,074	1,070	1,070	secondary highway	770	2	1540	0.685	B
390	Rodeo Rd	7th Ave	Dublin Ave	X		WB	975	147	952	950	950	secondary highway	770	2	1540	0.607	B	863	180	840	840	840	secondary highway	770	2	1540	0.535	A
391	Rodeo Rd	Dublin Ave	3rd Ave	X		EB	1,116	245	1,084	1,080	1,080	secondary highway	770	2	1540	0.691	B	1,388	355	1,336	1,340	1,340	secondary highway	770	2	1540	0.860	D
392	Rodeo Rd	3rd Ave	Dublin Ave	X		WB	1,185	414	1,125	1,130	1,130	secondary highway	770	2	1540	0.724	C	1,119	276	1,080	1,080	1,080	secondary highway	770	2	1540	0.691	B
393	Rodeo Rd	3rd Ave	Arlington Ave	X		EB	1,142	240	1,110	1,110	1,110	secondary highway	770	2	1540	0.711	C	1,401	314	1,351	1,350	1,350	secondary highway	770	2	1540	0.867	D
394	Rodeo Rd	Arlington Ave	3rd Ave	X		WB	1,207	392	1,147	1,150	1,150	secondary highway	770	2	1540	0.737	C	890	10	889	890	890	secondary highway	770	2	1540	0.568	A
395	Coliseum St	Clyde	Du Ray	X		EB	247	10	139	140	140	Collector	600	1	600	0.223	A	589	112	593	590	590	Collector	600	1	600	0.973	E
396	Coliseum St	Du Ray	Clyde	X		WB	560	59	319	320	320	Collector	600	1	600	0.523	A	464	79	466	470	470	Collector	600	1	600	0.773	C
397	Coliseum St	Du Ray	La Brea	X		EB	171	-3	118	120	130	Collector	600	1	600	0.207	A	327	57	507	510	510	Collector	600	1	600	0.840	D
398	Coliseum St	La Brea	Du Ray	X		WB	444	35	289	290	290	Collector	600	1	600	0.473	A	307	32	317	320	320	Collector	600	1	600	0.523	A
399	Coliseum St	La Brea Av	Santa Rosalia Dr	X		EB	526	84	540	540	540	Collector	600	1	600	0.890	D	579	111	583	580	580	Collector	600	1	600	0.957	E
400	Coliseum St	La Brea Av	Santa Rosalia Dr	X		WB	470	73	471	470	470	Collector	600	1	600	0.773	C	517	117	628	630	630	Collector	600	1	600	1.040	F
401	Coliseum St	Chesapeake Ave	Buckingham	X		EB	312	60	230	230	230	Collector	600	1	600	0.373	A	261	102	255	260	260	Collector	600	1	600	0.423	A
402	Coliseum St	Buckingham	Chesapeake Ave	X		WB	251	62	172	170	170	Collector	600	1	600	0.273	A	339	59	339	340	340	Collector	600	1	600	0.557	A
403	Coliseum St	Crenshaw	Buckingham	X		EB	196	77	244	240	240	Collector	600	1	600	0.390	A	339	102	335	330	330	Collector	600	1	600	0.540	A
404	Coliseum St	Crenshaw	Buckingham	X		WB	311	81	258	260	260	Collector	600	1	600	0.423	A	361	162	345	340	340	Collector	600	1	600	0.557	A
405	Coliseum St	Degnan Ave	Westside Ave	X		EB	395	89	394	390	390	Collector	600	1	600	0.640	B	448	127	445	450	450	Collector	600	1	600	0.740	C
406	Coliseum St	Degnan Ave	Westside Ave	X		WB	419	144	410	410	410	Collector	600	1	600	0.673	B	393	93	407	410	410	Collector	600	1	600	0.673	B
407	Coliseum St	Santa Rosalia Dr	Martin Luther King Jr Blvd	X		EB	600	112	583	580	580	Collector	600	1	600	0.957	F	572	203	538	540	540	Collector	600	1	600	0.890	D
408	Coliseum St	Martin Luther King Jr Blvd	Santa Rosalia Dr	X		WB	471	73	460	460	460	Collector	600	1	600	0.757	C	558	118	538	540	540	Collector	600	1	600	0.890	D
409	Coliseum St	Chesapeake Ave	Martin Luther King Jr Blvd	X		EB	743	82	738	740	740	Collector	600	1	600	1.223	F	777	276	740	740	740	Collector	600	1	600	1.223	F
410	Coliseum St	Chesapeake Ave	Martin Luther King Jr Blvd	X		WB	668	228	640	640	640	Collector	600	1	600	1.057	F	799	178	778	780	780	Collector	600	1	600	1.290	F
411	Coliseum St	Degnan Ave	Degnan Ave	X		EB	425	129	408	410	410	Collector	600	1	600	0.673	B	522	200	497	500	500	Collector	600	1	600	0.823	D
412	Coliseum St	Degnan Ave	Crenshaw Ave	X		WB	441	162	415	410	410	Collector	600	1	600	0.673	B	412	107	399	400	400	Collector	600	1	600	0.657	B
413	Coliseum St	7th Ave																										

APPENDIX F - ROADWAY SEGMENT LEVELS OF SERVICE TABLES  
 WEST ADAMS-BALDWIN HILLS-LEIMERT COMMUNITY PLAN UPDATE

#	Roadway	From	To	Existing AT/SAC	Existing ATCS	Direction	2030 Proposed TOD with 4Ds Alternative Bike Lanes - AM Peak Hour										2030 Proposed TOD with 4Ds Alternative Bike Lanes - PM Peak Hour												
							Model	Model Delta	Initial Calculation	Rounded	Forecast	Functional Class	pcphpl	Lanes	Capacity	V/C	LOS	Model	Model Delta	Initial Calculation	Rounded	Forecast	Functional Class	pcphpl	Lanes	Capacity	V/C	LOS	
471	Slauson Av	Crenshaw Blvd	8th St	X		EB	982	159	962	960	960	major highway 2	880	2	1760	0.535	A	1,290	163	1,266	1,270	1,270	major highway 2	880	2	1760	0.712	C	
472	Slauson Av	8th St	Crenshaw Blvd	X		WB	1,233	91	1,226	1,230	1,230	major highway 2	880	2	1760	0.689	B	1,091	178	1,068	1,070	1,070	major highway 2	880	2	1760	0.598	A	
473	60th St	Overhill	Alviso			EB	92	18	65	70	70	Collector	600	1	600	0.107	A	238	113	234	230	230	Collector	600	1	600	0.373	A	
474	60th St	Alviso	Overhill			WB	171	73	161	160	160	Collector	600	1	600	0.257	A	135	63	143	140	140	Collector	600	1	600	0.223	A	
475	60th St	Alviso	West Blvd			EB	91	30	85	80	80	Collector	600	1	600	0.123	A	297	144	290	290	290	Collector	600	1	600	0.473	A	
476	60th St	Alviso	West Blvd			WB	317	-4	157	160	170	Collector	600	1	600	0.273	A	158	97	161	160	160	Collector	600	1	600	0.257	A	
477	60th St	Crenshaw Bl	8th St			EB	172	22	178	180	180	Collector	600	1	600	0.290	A	379	162	365	370	370	Collector	600	1	600	0.607	B	
478	60th St	Crenshaw Bl	8th St			WB	438	145	431	430	430	Collector	600	1	600	0.707	C	281	145	271	270	270	Collector	600	1	600	0.440	A	
479	60th St	West Blvd	Crenshaw Blvd			EB	369	111	352	350	350	Collector	600	1	600	0.573	A	652	248	617	620	620	Collector	600	1	600	1.023	F	
480	60th St	Crenshaw Blvd	West Blvd			WB	437	212	406	410	410	Collector	600	1	600	0.673	B	435	173	414	410	410	Collector	600	1	600	0.673	B	
481	60th St	8th St	4th Ave			EB	110	9	118	120	120	Collector	600	1	600	0.190	A	190	111	172	170	170	Collector	600	1	600	0.273	A	
482	60th St	8th St	4th Ave			WB	198	80	187	190	190	Collector	600	1	600	0.307	A	163	88	153	150	150	Collector	600	1	600	0.240	A	
483	60th St	4th Ave	Arlington Ave			EB	212	-5	216	220	230	Collector	600	1	600	0.373	A	263	131	249	250	250	Collector	600	1	600	0.407	A	
484	60th St	Arlington Ave	4th Ave			WB	237	45	237	240	240	Collector	600	1	600	0.390	A	200	16	203	200	200	Collector	600	1	600	0.323	A	
485	Hyde Park Bl	West Bl	Crenshaw Bl	X		EB	399	50	402	400	400	secondary highway	770	1	770	0.509	A	569	126	575	580	580	secondary highway	770	1	770	0.743	C	
486	Hyde Park Bl	Crenshaw Bl	West Bl	X		WB	498	62	512	510	510	secondary highway	770	1	770	0.652	B	494	88	504	500	500	secondary highway	770	1	770	0.639	B	
487	Hyde Park Bl	Crenshaw	8th	X		EB	317	3	212	210	220	secondary highway	770	1	770	0.276	A	393	37	401	400	400	secondary highway	770	1	770	0.509	A	
488	Hyde Park Bl	8th	Crenshaw	X		WB	397	0	420	420	430	secondary highway	770	1	770	0.548	A	290	42	295	290	290	secondary highway	770	1	770	0.367	A	
489	Hyde Park Bl	8th	Van Ness	X		EB	390	6	205	200	210	secondary highway	770	1	770	0.263	A	390	24	400	400	400	secondary highway	770	1	770	0.509	A	
490	Hyde Park Bl	Van Ness	8th	X		WB	443	-2	238	240	250	secondary highway	770	1	770	0.315	A	395	10	408	410	410	secondary highway	770	1	770	0.522	A	
491	67th St	West Bl	Crenshaw Bl			EB	372	105	367	370	370	Collector	600	1	600	0.607	B	615	174	615	610	610	Collector	600	1	600	1.007	F	
492	67th St	Crenshaw Bl	West Bl			WB	339	50	342	340	340	Collector	600	1	600	0.557	A	347	125	344	340	340	Collector	600	1	600	0.557	A	
493	67th St	Crenshaw	4th			EB	77	11	59	60	60	Collector	600	1	600	0.090	A	251	161	234	230	230	Collector	600	1	600	0.373	A	
494	67th St	Crenshaw	4th			WB	241	50	112	110	110	Collector	600	1	600	0.173	A	180	71	180	180	180	Collector	600	1	600	0.290	A	
495	67th St	4th	Van Ness			EB	116	11	59	60	60	Collector	600	1	600	0.090	A	326	165	317	320	320	Collector	600	1	600	0.523	A	
496	67th St	Van Ness	4th			WB	259	89	184	180	180	Collector	600	1	600	0.290	A	197	115	196	200	200	Collector	600	1	600	0.323	A	
497	Florence Av	Crenshaw Bl	West Bl	X	X	EB	1,175	66	1,195	1,200	1,200	major highway 2	880	3	2640	0.445	A	1,632	379	1,649	1,650	1,650	major highway 2	880	3	2640	0.615	B	
498	Florence Av	Crenshaw Bl	West Bl	X	X	WB	2,168	69	2,218	2,220	2,220	major highway 2	880	3	2640	0.831	D	1,623	292	1,624	1,620	1,620	major highway 2	880	3	2640	0.604	B	
499	Florence Av	8th Ave	4th Ave	X	X	EB	1,413	161	1,394	1,390	1,390	major highway 2	880	3	2640	0.517	A	2,208	260	2,216	2,220	2,220	major highway 2	880	3	2640	0.831	D	
500	Florence Av	8th Ave	4th Ave	X	X	WB	2,318	172	2,064	2,060	2,060	major highway 2	880	3	2640	0.770	C	1,920	465	1,888	1,890	1,890	major highway 2	880	3	2640	0.706	C	
501	Florence Av	Crenshaw Blvd	8th St	X	X	EB	1,318	134	1,302	1,300	1,300	major highway 2	880	3	2640	0.482	A	1,999	108	1,990	1,990	1,990	major highway 2	880	3	2640	0.744	C	
502	Florence Av	8th St	Crenshaw Blvd	X	X	WB	2,170	90	2,155	2,160	2,160	major highway 2	880	3	2640	0.808	D	1,711	255	1,673	1,670	1,670	major highway 2	880	3	2640	0.623	B	
503	Florence Av	4th Ave	Arlington Ave	X	X	EB	1,449	169	1,431	1,430	1,430	major highway 2	880	3	2640	0.532	A	2,323	342	2,275	2,270	2,270	major highway 2	880	3	2640	0.850	D	
504	Florence Av	Arlington Ave	4th Ave	X	X	WB	2,329	167	2,309	2,310	2,310	major highway 2	880	3	2640	0.865	D	1,840	397	1,781	1,780	1,780	major highway 2	880	3	2640	0.664	B	
505	76th St	Crenshaw Bl	Van Ness Av			EB	106	32	117	120	120	Collector	600	1	600	0.190	A	251	180	240	240	240	Collector	600	1	600	0.390	A	
506	76th St	Van Ness Av	Crenshaw Bl			WB	169	80	167	170	170	Collector	600	1	600	0.273	A	131	48	140	140	140	Collector	600	1	600	0.223	A	
507	79th St	Crenshaw Bl	8th Av			EB	93	12	110	110	110	Collector	600	1	600	0.173	A	238	136	233	230	230	Collector	600	1	600	0.373	A	
508	79th St	8th Av	Crenshaw Bl			WB	138	37	151	150	150	Collector	600	1	600	0.240	A	67	-5	86	90	100	Collector	600	1	600	0.157	A	
							Total	435,901	51,487			436,160							492,490	80,923			489,640						

2030 TOD Proposed with 4Ds Alternative Bike Lanes AM

LOS D or Better	419
Los E	37
Los F	52
Los E or F	89
Total	508

2030 TOD Proposed with 4Ds Alternative Bike Lanes PM

LOS D or Better	397
Los E	43
Los F	68
Los E or F	111
Total	508

**APPENDIX G:  
CONGESTION MANAGEMENT PROGRAM ANALYSIS**

CMP Freeway Monitoring Stations and Levels of Service

CMP Station	Freeway Route	CMP Post Mile	Location	Travel Lanes	Auxiliary Lanes	Existing (2009) Capacity*	Year 2030 Capacity**	Existing (2009) Conditions						Year 2030 Plan Conditions									
								AM Peak Hour			PM Peak Hour			AM Peak Hour					PM Peak Hour				
								Demand	D/C	LOS	Demand	D/C	LOS	Change	Demand	D/C	LOS	Impact?	Change	Demand	D/C	LOS	Impact?
1012	10 EB	810.71	s/o La Brea Ave UC	5	-	10,000	10,000	12,900	1.29	F(1)	14,000	1.40	F(2)	1,510	14,410	1.44	F(2)	YES	700	14,700	1.47	F(2)	YES
1012	10 WB	810.72	s/o La Brea Ave UC	5	-	10,000	10,000	12,700	1.27	F(1)	11,800	1.18	F(0)	1,286	13,986	1.40	F(2)	YES	413	12,213	1.22	F(1)	YES

\*Final freeway segment capacity assumes travel lane capacity of 2,000 vehicles per hour per lane and auxiliary lane capacity of 1,250 vehicles per hour per lane.

CMP Freeway Monitoring Stations and Levels of Service

CMP Station	Freeway Route	CMP Post Mile	Location	Travel Lanes	Auxiliary Lanes	Existing (2009) Capacity*	Year 2030 Capacity**	Existing (2009) Conditions						Year 2030 NCF (Proposed TOD Plan with 4Ds) Conditions									
								AM Peak Hour			PM Peak Hour			AM Peak Hour					PM Peak Hour				
								Demand	D/C	LOS	Demand	D/C	LOS	Change	Demand	D/C	LOS	Impact?	Change	Demand	D/C	LOS	Impact?
1012	10 EB	810.71	s/o La Brea Ave UC	5	-	10,000	10,000	12,900	1.29	F(1)	14,000	1.40	F(2)	1,489	14,389	1.44	F(2)	YES	909	14,909	1.49	F(2)	YES
1012	10 WB	810.72	s/o La Brea Ave UC	5	-	10,000	10,000	12,700	1.27	F(1)	11,800	1.18	F(0)	1,391	14,091	1.41	F(2)	YES	486	12,286	1.23	F(1)	YES

\*Final freeway segment capacity assumes travel lane capacity of 2,000 vehicles per hour per lane and auxiliary lane capacity of 1,250 vehicles per hour per lane.

CMP Freeway Monitoring Stations and Levels of Service

CMP Station	Freeway Route	CMP Post Mile	Location	Travel Lanes	Auxiliary Lanes	Existing (2009) Capacity*	Year 2030 Capacity**	Existing (2009) Conditions						Year 2030 NCP with 40s No Additional Bike Lanes Conditions									
								AM Peak Hour			PM Peak Hour			AM Peak Hour					PM Peak Hour				
								Demand	D/C	LOS	Demand	D/C	LOS	Change	Demand	D/C	LOS	Impact?	Change	Demand	D/C	LOS	Impact?
1012	10 EB	810.71	s/o La Brea Ave UC	5	-	10,000	10,000	12,900	1.29	F(1)	14,000	1.40	F(2)	1,498	14,398	1.44	F(2)	YES	883	14,883	1.49	F(2)	YES
1012	10 WB	810.72	s/o La Brea Ave UC	5	-	10,000	10,000	12,700	1.27	F(1)	11,800	1.18	F(0)	1,300	14,090	1.41	F(2)	YES	486	12,286	1.23	F(1)	YES

\*Final freeway segment capacity assumes travel lane capacity of 2,000 vehicles per hour per lane and auxiliary lane capacity of 1,250 vehicles per hour per lane.

CMP Freeway Monitoring Stations and Levels of Service

CMP Station	Freeway Route	CMP Post Mile	Location	Travel Lanes	Auxiliary Lanes	Existing (2009) Capacity*	Year 2030 Capacity**	Existing (2009) Conditions						Year 2030 NCP with 40s Full Additional Bike Lanes Conditions									
								AM Peak Hour			PM Peak Hour			AM Peak Hour					PM Peak Hour				
								Demand	D/C	LOS	Demand	D/C	LOS	Change	Demand	D/C	LOS	Impact?	Change	Demand	D/C	LOS	Impact?
1012	10 EB	810.71	s/o La Brea Ave UC	5	-	10,000	10,000	12,900	1.29	F(1)	14,000	1.40	F(2)	1,433	14,333	1.43	F(2)	YES	924	14,924	1.49	F(2)	YES
1012	10 WB	810.72	s/o La Brea Ave UC	5	-	10,000	10,000	12,700	1.27	F(1)	11,800	1.18	F(0)	1,331	14,031	1.40	F(2)	YES	484	12,284	1.23	F(1)	YES

\*Final freeway segment capacity assumes travel lane capacity of 2,000 vehicles per hour per lane and auxiliary lane capacity of 1,250 vehicles per hour per lane.

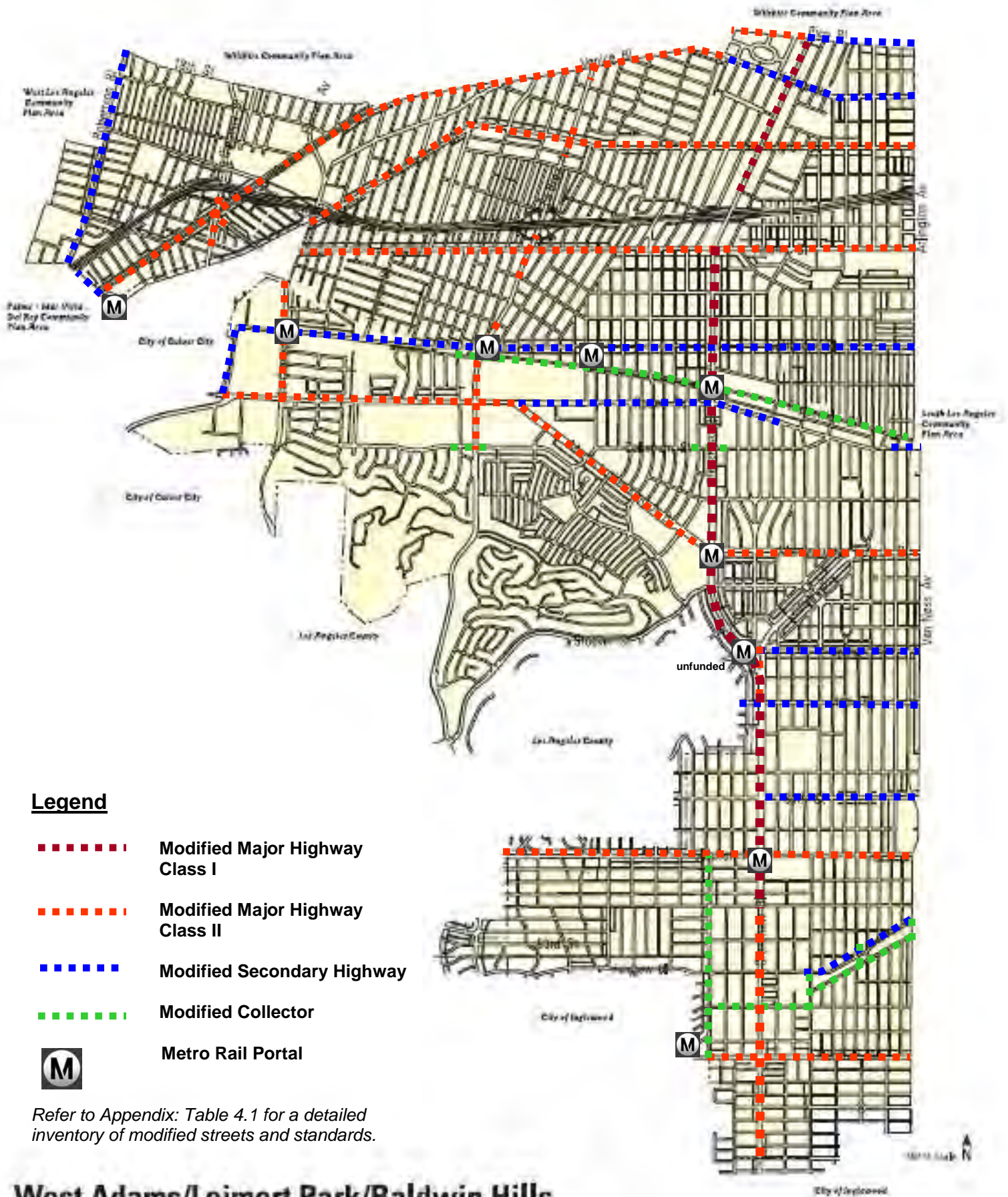


CMP Freeway Monitoring Stations and Levels of Service

CMP Station	Freeway Route	CMP Post Mile	Location	Travel Lanes	Auxiliary Lanes	Existing (2009) Capacity*	Year 2030 Capacity**	Existing (2009) Conditions						Year 2030 NCP with Alternative Additional Bike Lanes Conditions									
								AM Peak Hour			PM Peak Hour			AM Peak Hour					PM Peak Hour				
								Demand	D/C	LOS	Demand	D/C	LOS	Change	Demand	D/C	LOS	Impact?	Change	Demand	D/C	LOS	Impact?
1012	10 EB	810.71	s/o La Brea Ave UC	5	-	10,000	10,000	12,900	1.29	F(1)	14,000	1.40	F(2)	1,504	14,404	1.44	F(2)	YES	929	14,929	1.49	F(2)	YES
1012	10 WB	810.72	s/o La Brea Ave UC	5	-	10,000	10,000	12,700	1.27	F(1)	11,800	1.18	F(0)	1,398	14,098	1.41	F(2)	YES	519	12,319	1.23	F(1)	YES

\*Final freeway segment capacity assumes travel lane capacity of 2,000 vehicles per hour per lane and auxiliary lane capacity of 1,250 vehicles per hour per lane.

**APPENDIX H:  
STREET SYSTEM RECLASSIFICATIONS**



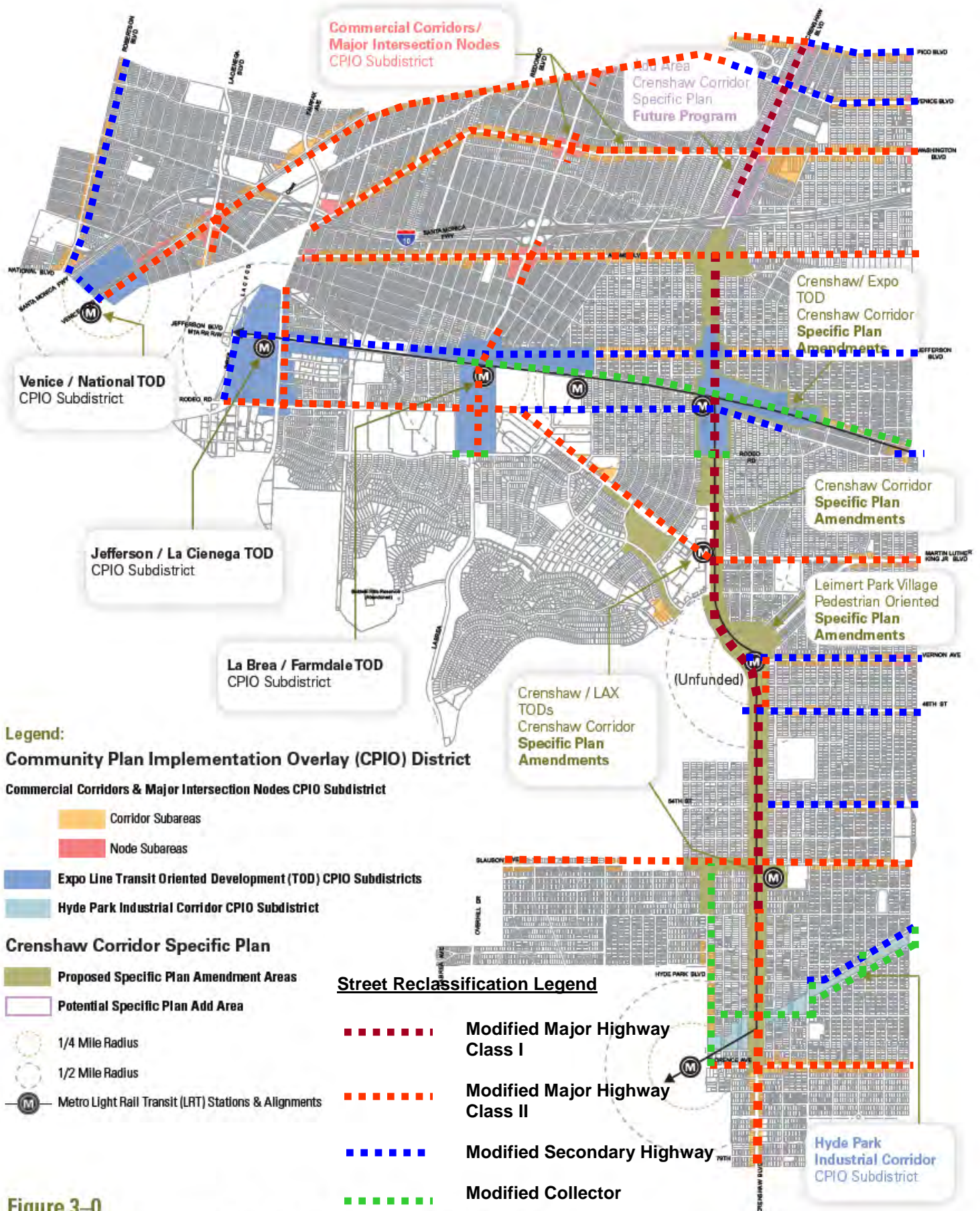
### Legend

- - - - - Modified Major Highway Class I
- - - - - Modified Major Highway Class II
- - - - - Modified Secondary Highway
- - - - - Modified Collector
- M Metro Rail Portal

Refer to Appendix: Table 4.1 for a detailed inventory of modified streets and standards.

## West Adams/Leimert Park/Baldwin Hills Community Plan Area

Prepared by City of Los Angeles Planning Department + Graphic Services Section + January, 2003



**Figure 3-0**  
**Proposed Community Plan Implementation Overview**  
 West Adams – Baldwin Hills – Leimert Community Plan Area

Prepared by City of Los Angeles Planning Department • Graphics Services Section • November 2011 • 112

Not To Scale

Note: This map is for illustrative purposes only. For detailed Plan Land Use map, visit the Department of City Planning website.

TABLE 4.1.  
Street Reclassifications

STREET NAME	SPECIFIC LOCATION	EXISTING CONDITIONS	CURRENT DESIGNATION	CURRENT STANDARD(S)	PROPOSED DESIGNATION	PROPOSED STANDARD(S)	OBJECTIVE(S) ACHIEVED	NOTES/ CLARIFICATIONS
<b>Commercial Corridors CPIO Subdistrict</b>								
48th St.	Van Ness Ave. to Crenshaw Blvd.	80 foot ROW 60 foot roadbed	Secondary Highway	90 foot ROW 70 foot roadbed	Modified Secondary Highway	90 foot ROW 60 foot roadbed maximum dimension	<ul style="list-style-type: none"> <li>To incentivize conservation of desirable neighborhood character.</li> </ul>	<ul style="list-style-type: none"> <li>Waive dedication where façade preservation is performed.</li> <li>Intersection roadbed widening shall only be granted to accommodate “far side” bus drop-off area.</li> <li>Refer to Subsection 9.2.2 of adopted Commercial Corridors CPIO Subdistrict for further detail of modified standards for commercial zoned land Arlington Ave., to 11th Ave.</li> </ul>
							<ul style="list-style-type: none"> <li>To prioritize enhancement of the pedestrian realm.</li> </ul>	
54th St.	Van Ness Ave. to Crenshaw Blvd.	80-83 foot ROW 50-60 foot roadbed	Secondary Highway	90 foot ROW 70 foot roadbed	Modified Secondary Highway	90 foot ROW 60 foot roadbed maximum dimension	<ul style="list-style-type: none"> <li>To incentivize conservation of desirable neighborhood character.</li> </ul>	<ul style="list-style-type: none"> <li>Waive dedication where façade preservation is performed.</li> <li>Intersection roadbed widening shall only be granted to accommodate “far side” bus drop-off area.</li> <li>Refer to Subsection 9.2.2 of adopted Commercial Corridors CPIO Subdistrict for further detail of modified standards for commercial zoned land Arlington Ave., to 11th Ave.</li> </ul>
							<ul style="list-style-type: none"> <li>To prioritize enhancement of the pedestrian realm while standardizing roadbed width.</li> </ul>	
Adams Blvd.	Somerset to Fairfax	90 -100 foot ROW 60-70 foot roadbed	Major Highway Class II	104 foot ROW 80 foot roadbed	Modified Major Highway Class II	104 foot ROW 60-70* foot	<ul style="list-style-type: none"> <li>To enhance pedestrian and bicycle connectivity to transit centers.</li> </ul>	<ul style="list-style-type: none"> <li>Waive dedication where façade preservation is performed.</li> <li>Intersection roadbed widening shall only be granted to accommodate “far side” bus drop-off area.</li> <li>Refer to Subsection 9.2.2 of adopted Commercial Corridors CPIO Subdistrict for further detail of modified standards for commercial zoned land Somerset to Fairfax.</li> </ul>
							<ul style="list-style-type: none"> <li>To incentivize conservation of desirable neighborhood character.</li> </ul>	
							<ul style="list-style-type: none"> <li>To prioritize enhancement of the pedestrian realm.</li> </ul>	
Crenshaw Blvd.	Florence Ave. to 79th St.	100 foot ROW 70 foot roadbed	Major Highway Class II	104 foot ROW 80 foot roadbed	Modified Major Highway Class I	104 foot ROW 70 foot roadbed	<ul style="list-style-type: none"> <li>To enhance pedestrian and bicycle connectivity to transit centers.</li> </ul>	<ul style="list-style-type: none"> <li><i>Transit Priority Street</i></li> <li>Waive dedication where façade preservation is performed.</li> <li>Intersection roadbed widening shall only be granted to accommodate “far side” bus drop-off area.</li> </ul>
							<ul style="list-style-type: none"> <li>To incentivize conservation of desirable neighborhood character.</li> </ul>	

\* Maximum dimension varies. See approved LADOT striping plan for exact location of dimension.

TABLE 4.1.  
Street Reclassifications

STREET NAME	SPECIFIC LOCATION	EXISTING CONDITIONS	CURRENT DESIGNATION	CURRENT STANDARD(S)	PROPOSED DESIGNATION	PROPOSED STANDARD(S)	OBJECTIVE(S) ACHIEVED	NOTES/ CLARIFICATIONS
							<ul style="list-style-type: none"> <li>To prioritize enhancement of the pedestrian realm.</li> </ul>	<ul style="list-style-type: none"> <li>Refer to Subsection 9.2.2 of the adopted Commercial Corridors CPIO Subdistrict for further detail of modified standards for commercial zoned land only.</li> </ul>
	Pico Blvd. to 23 <sup>rd</sup> Street	90-100 foot ROW 56-80 foot roadbed	Major Highway Class I	126 foot ROW 102 foot roadbed	Modified Major Highway Class I	90-100 foot ROW 56-80* foot roadbed	<ul style="list-style-type: none"> <li>To prioritize enhancement of the pedestrian realm at major intersection sites where two or more bus lines intersect (Major Bus Centers).</li> </ul>	<ul style="list-style-type: none"> <li><i>Transit Priority Street</i></li> <li>Waive dedication where façade preservation is performed.</li> <li>Intersection roadbed widening shall only be granted to accommodate “far side” bus drop-off area.</li> <li>Refer to Subsection 9.2.2 of adopted Commercial Corridors CPIO Subdistrict for further detail of modified standards for commercial zoned land.</li> </ul>
Exposition Blvd.	Arlington Ave to Westside Ave.	49-50 foot ROW 39-42 foot roadbed	Collector	64 foot ROW 44 foot roadbed	Modified Collector	49-50* foot ROW 39-42* foot roadbed	<ul style="list-style-type: none"> <li>To incentivize conservation of desirable neighborhood character.</li> </ul>	<ul style="list-style-type: none"> <li>Waive dedication where façade preservation is performed.</li> <li>Refer to Subsection 9.2.2 of the adopted Commercial Corridors CPIO Subdistrict for further detail of modified standards for commercial and manufacturing zoned land only.</li> </ul>
							<ul style="list-style-type: none"> <li>To prioritize enhancement of the pedestrian realm.</li> </ul>	
							<ul style="list-style-type: none"> <li>To enhance pedestrian and bicycle connectivity to transit centers.</li> </ul>	
Florence Ave.	Van Ness Ave. to 10th Ave.	100 foot ROW 70 foot roadbed	Major Highway Class II	104 foot ROW 80 foot roadbed	Modified Major Highway Class II	104 foot ROW 70 foot roadbed	<ul style="list-style-type: none"> <li>To enhance pedestrian and bicycle connectivity to transit centers.</li> </ul>	<ul style="list-style-type: none"> <li><i>Transit Priority Street</i></li> <li>Waive dedication where façade preservation is performed.</li> <li>Intersection roadbed widening shall only be granted to accommodate “far side” bus drop-off area.</li> <li>Refer to Subsection 9.2.2 of the adopted Commercial Corridors CPIO Subdistrict for further detail of modified standards for commercial and manufacturing zoned land only.</li> </ul>
							<ul style="list-style-type: none"> <li>To incentivize conservation of desirable neighborhood character.</li> </ul>	
							<ul style="list-style-type: none"> <li>To prioritize enhancement of the pedestrian realm.</li> </ul>	
Jefferson Blvd.	Arlington Ave. to Bronson	80-83 foot ROW 56 foot	Secondary Highway	90 foot ROW 70 foot	Modified Secondary Highway	90 foot ROW 56 foot roadbed	<ul style="list-style-type: none"> <li>To enhance pedestrian and bicycle connectivity to transit centers.</li> </ul>	<ul style="list-style-type: none"> <li>Waive dedication where façade preservation is performed.</li> <li>Intersection roadbed widening shall only be</li> </ul>

\* Maximum dimension varies. See approved LADOT striping plan for exact location of dimension.

TABLE 4.1.  
Street Reclassifications

STREET NAME	SPECIFIC LOCATION	EXISTING CONDITIONS	CURRENT DESIGNATION	CURRENT STANDARD(S)	PROPOSED DESIGNATION	PROPOSED STANDARD(S)	OBJECTIVE(S) ACHIEVED	NOTES/ CLARIFICATIONS
	Ave.	roadbed		roadbed			<ul style="list-style-type: none"> <li>To incentivize conservation of desirable neighborhood character.</li> <li>To prioritize enhancement of the pedestrian realm.</li> </ul>	<p>granted to accommodate “far side” bus drop-off area.</p> <ul style="list-style-type: none"> <li>Refer to Subsection 9.2.2 of adopted Commercial Corridors CPIO Subdistrict for further detail of modified standards for commercial zoned land.</li> </ul>
	Cochran Ave. to Hauser Blvd.	80-82 foot ROW 66 foot roadbed	Secondary Highway	90 foot ROW 70 foot roadbed	Modified Secondary Highway	90 foot ROW 66 foot roadbed	<ul style="list-style-type: none"> <li>To prioritize enhancement of the pedestrian realm.</li> <li>To enhance pedestrian and bicycle connectivity to transit centers.</li> <li>To incentivize conservation of desirable neighborhood character.</li> </ul>	<ul style="list-style-type: none"> <li>Waive dedication where façade preservation is performed.</li> <li>Intersection roadbed widening shall only be granted to accommodate “far side” bus drop-off area.</li> <li>Refer to Subsection 9.2.2 of adopted Commercial Corridors CPIO Subdistrict for further detail of modified standards for commercial zoned land.</li> </ul>
	Victoria Ave. to Chesapeake Ave.	80-83 foot ROW 56 foot roadbed	Secondary Highway	90 foot ROW 70 foot roadbed	Modified Secondary Highway	90 foot ROW 56 foot roadbed	<ul style="list-style-type: none"> <li>To enhance pedestrian and bicycle connectivity to transit centers.</li> <li>To incentivize conservation of desirable neighborhood character.</li> <li>To prioritize enhancement of the pedestrian realm.</li> </ul>	<ul style="list-style-type: none"> <li>Waive dedication where façade preservation is performed.</li> <li>Intersection roadbed widening shall only be granted to accommodate “far side” bus drop-off area.</li> <li>Refer to Subsection 9.2.2 of adopted Commercial Corridors CPIO Subdistrict for further detail of modified standards for commercial zoned land.</li> </ul>
La Brea Ave.	Venice Blvd. to Ferndale St.	95-100 foot ROW 70-80 foot roadbed	Major Highway Class II	104 foot ROW 80 foot roadbed	Modified Major Highway Class II	104 foot ROW 70-80* foot roadbed	<ul style="list-style-type: none"> <li>To enhance connectivity to transit centers.</li> <li>To incentivize conservation of desirable neighborhood character.</li> <li>To prioritize enhancement of the pedestrian realm.</li> </ul>	<ul style="list-style-type: none"> <li>Waive dedication where façade preservation is performed.</li> <li>Intersection roadbed widening shall only be granted to accommodate “far side” bus drop-off area.</li> <li>Refer to Subsection 9.2.2 of adopted Commercial Corridors CPIO Subdistrict for further detail of modified standards for commercial zoned land.</li> </ul>
La Cienega Ave.	Venice Blvd. to Hargis St.	100 foot ROW 70 foot	Major Highway Class II	104 foot ROW 80 foot	Modified Major Highway	104 foot ROW 70 foot roadbed	<ul style="list-style-type: none"> <li>To enhance pedestrian and bicycle connectivity to transit centers.</li> </ul>	<ul style="list-style-type: none"> <li>Waive dedication where façade preservation is performed.</li> <li>Intersection roadbed widening shall only be</li> </ul>

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TABLE 4.1.  
Street Reclassifications

STREET NAME	SPECIFIC LOCATION	EXISTING CONDITIONS	CURRENT DESIGNATION	CURRENT STANDARD(S)	PROPOSED DESIGNATION	PROPOSED STANDARD(S)	OBJECTIVE(S) ACHIEVED	NOTES/ CLARIFICATIONS
Martin Luther King Jr. Blvd.		roadbed		roadbed	Class II		<ul style="list-style-type: none"> <li>To incentivize conservation of desirable neighborhood character.</li> <li>To prioritize enhancement of the pedestrian realm.</li> </ul>	<ul style="list-style-type: none"> <li>granted to accommodate “far side” bus drop-off area.</li> <li>Refer to Subsection 9.2.2 of adopted Commercial Corridors CPIO Subdistrict for further detail of modified standards for commercial zoned land.</li> </ul>
		I-10 Freeway to Cullen St.	100 foot ROW 70-75 foot roadbed	Major Highway Class II	104 foot ROW 80 foot roadbed	Modified Major Highway Class II	104 foot ROW 70-75* foot roadbed	<ul style="list-style-type: none"> <li>To enhance connectivity to transit centers.</li> <li>To incentivize conservation of desirable neighborhood character.</li> <li>To prioritize enhancement of the pedestrian realm.</li> </ul>
	Hillcrest Dr. to Coliseum St	162-164 foot ROW 140-142 foot roadbed	Major Highway Class II	104 foot ROW 80 foot roadbed	Modified Major Highway Class II	162-164* foot ROW 140-142* foot roadbed	<ul style="list-style-type: none"> <li>To enhance connectivity to transit centers.</li> </ul>	<ul style="list-style-type: none"> <li>Waive dedication where façade preservation is performed.</li> <li>Intersection roadbed widening shall only be granted to accommodate “far side” bus drop-off area.</li> <li>Refer to Subsection 9.2.2 of adopted Commercial Corridors CPIO Subdistrict for further detail of modified standards for commercial zoned land.</li> </ul>
							<ul style="list-style-type: none"> <li>To incentivize conservation of desirable neighborhood character.</li> </ul>	
	<ul style="list-style-type: none"> <li>To prioritize enhancement of the pedestrian realm.</li> </ul>							
	Van Ness Ave. to Sutro Ave.	95-126.5 foot ROW 75-102.5 foot roadbed	Major Highway Class II	104 foot ROW 80 foot roadbed	Modified Major Highway Class II	95-126.5* foot ROW 75-102.5* foot roadbed	<ul style="list-style-type: none"> <li>To enhance connectivity to transit centers.</li> </ul>	<ul style="list-style-type: none"> <li>Transit Priority Street</li> <li>Waive dedication where façade preservation is performed.</li> <li>Intersection roadbed widening shall only be granted to accommodate “far side” bus drop-off area.</li> <li>Refer to Subsection 9.2.2 of adopted Commercial Corridors CPIO Subdistrict for further detail of modified standards for commercial zoned land.</li> </ul>
<ul style="list-style-type: none"> <li>To incentivize conservation of desirable neighborhood character.</li> </ul>								
<ul style="list-style-type: none"> <li>To prioritize enhancement of the pedestrian realm.</li> </ul>								
Pico Blvd.	Arlington Ave. to	80-86 foot ROW	Secondary Highway	90 foot ROW	Modified Secondary	90 foot ROW 56 foot	<ul style="list-style-type: none"> <li>To enhance connectivity to transit centers.</li> </ul>	<ul style="list-style-type: none"> <li>Waive dedication where façade preservation is performed.</li> </ul>

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Street Reclassifications

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	Crenshaw Blvd.	56 foot roadbed		70 foot roadbed	Highway	roadbed	<ul style="list-style-type: none"> <li>To incentivize conservation of desirable neighborhood character.</li> <li>To prioritize enhancement of the pedestrian realm.</li> </ul>	<ul style="list-style-type: none"> <li>Intersection roadbed widening shall only be granted to accommodate "far side" bus drop-off area.</li> <li>Refer to Subsection 9.2.2 of adopted Commercial Corridors CPIO Subdistrict for further detail of modified standards for commercial zoned land.</li> </ul>
	Crenshaw Blvd. to West Blvd.	100 foot ROW 70 foot roadbed	Major Highway Class II	104 foot ROW 80 foot roadbed	Modified Major Highway Class II	104 foot ROW 70 foot roadbed	<ul style="list-style-type: none"> <li>To enhance connectivity to transit centers.</li> <li>To incentivize conservation of desirable neighborhood character.</li> <li>To prioritize enhancement of the pedestrian realm.</li> </ul>	<ul style="list-style-type: none"> <li>Waive dedication where façade preservation is performed.</li> <li>Intersection roadbed widening shall only be granted to accommodate "far side" bus drop-off area.</li> <li>Refer to Subsection 9.2.2 of adopted Commercial Corridors CPIO Subdistrict for further detail of modified standards for commercial zoned land.</li> </ul>
Robertson Blvd.	18th St. to 24 <sup>th</sup> St.	80-83 foot ROW 60-66 foot roadbed	Secondary Highway	90 foot ROW 70 foot roadbed	Modified Secondary Highway	90 foot ROW 60-66* foot roadbed	<ul style="list-style-type: none"> <li>To enhance connectivity to transit centers.</li> </ul>	<ul style="list-style-type: none"> <li>Waive dedication where façade preservation is performed.</li> <li>Intersection roadbed widening shall only be granted to accommodate "far side" bus drop-off area.</li> <li>Refer to Subsection 9.2.2 of adopted Commercial Corridors CPIO Subdistrict for further detail of modified standards for commercial zoned land.</li> </ul>
							<ul style="list-style-type: none"> <li>To incentivize conservation of desirable neighborhood character.</li> </ul>	
	<ul style="list-style-type: none"> <li>To prioritize enhancement of the pedestrian realm.</li> </ul>							
	24 <sup>th</sup> St. to Kramerwood Pl.	80-83 foot ROW 60 foot roadbed	Secondary Highway	90 foot ROW 70 foot roadbed	Modified Secondary Highway	90 foot ROW 60 foot roadbed	<ul style="list-style-type: none"> <li>To enhance connectivity to transit centers.</li> </ul>	<ul style="list-style-type: none"> <li><i>Pedestrian Priority Street Segment</i></li> <li>Waive dedication where façade preservation is performed.</li> <li>Intersection roadbed widening shall only be granted to accommodate "far side" bus drop-off area.</li> <li>Refer to Subsection 9.2.2 of adopted Commercial Corridors CPIO Subdistrict for further detail of modified standards for commercial zoned land.</li> </ul>
							<ul style="list-style-type: none"> <li>To incentivize conservation of desirable neighborhood character.</li> </ul>	
<ul style="list-style-type: none"> <li>To prioritize enhancement of the pedestrian realm.</li> </ul>								
	Kramerwood Pl. to	80 foot ROW	Secondary Highway	90 foot ROW	Modified Secondary	90 foot ROW 63 foot	<ul style="list-style-type: none"> <li>To enhance connectivity to transit centers.</li> </ul>	<ul style="list-style-type: none"> <li>Waive dedication where façade preservation is performed.</li> </ul>

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Street Reclassifications

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	National Ave.	63 foot roadbed		70 foot roadbed	Highway	roadbed	<ul style="list-style-type: none"> <li>To incentivize conservation of desirable neighborhood character.</li> <li>To prioritize enhancement of the pedestrian realm.</li> </ul>	<ul style="list-style-type: none"> <li>Intersection roadbed widening shall only be granted to accommodate "far side" bus drop-off area.</li> <li>Refer to Subsection 9.2.2 of adopted Commercial Corridors CPIO Subdistrict for further detail of modified standards for commercial zoned land.</li> </ul>
Rodeo Rd.	Van Ness Ave. to 2nd Ave.	60 foot ROW 47 foot roadbed	Secondary Highway	90 foot ROW 70 foot roadbed	Modified Secondary Highway	60 foot ROW 47 foot roadbed	<ul style="list-style-type: none"> <li>To enhance connectivity to transit centers.</li> <li>To incentivize conservation of desirable neighborhood character.</li> <li>To prioritize enhancement of the pedestrian realm.</li> </ul>	<ul style="list-style-type: none"> <li>Waive dedication where façade preservation is performed.</li> <li>Intersection roadbed widening shall only be granted to accommodate "far side" bus drop-off area.</li> <li>Refer to Subsection 9.2.2 of adopted Commercial Corridors CPIO Subdistrict for further detail of modified standards for commercial and industrial zoned land.</li> </ul>
Slauson Ave.	City limit west to Alviso Ave.	100 foot ROW 66-84 foot roadbed	Major Highway Class II	104 foot ROW 80 foot roadbed	Modified Major Highway Class II	104 foot ROW 66-84* foot roadbed	<ul style="list-style-type: none"> <li>To incentivize conservation of desirable neighborhood character.</li> <li>To prioritize enhancement of the pedestrian realm.</li> </ul>	<ul style="list-style-type: none"> <li>Waive dedication where façade preservation is performed.</li> <li>Intersection roadbed widening shall only be granted to accommodate "far side" bus drop-off area.</li> <li>Refer to Subsection 9.2.2 of adopted Commercial Corridors CPIO Subdistrict for further detail of modified standards for commercial and industrial zoned land.</li> </ul>
	Edgemar Ave. west to City limit.	100 foot ROW 84 foot roadbed	Major Highway Class II	104 foot ROW 80 foot roadbed	Modified Major Highway Class II	104 foot ROW 84 foot roadbed	<ul style="list-style-type: none"> <li>To incentivize conservation of desirable neighborhood character.</li> <li>To prioritize enhancement of the pedestrian realm.</li> </ul>	<ul style="list-style-type: none"> <li>Waive dedication where façade preservation is performed.</li> <li>Intersection roadbed widening shall only be granted to accommodate "far side" bus drop-off area.</li> <li>Refer to Subsection 9.2.2 of adopted Commercial Corridors CPIO Subdistrict for further detail of modified standards for commercial and industrial zoned land.</li> </ul>
	Hillcrest Dr. west to City limit.	76 foot ROW 56 foot	Major Highway Class II	104 foot ROW 80 foot	Modified Major Highway	104 foot ROW 56 foot roadbed	<ul style="list-style-type: none"> <li>To incentivize conservation of desirable neighborhood character.</li> </ul>	<ul style="list-style-type: none"> <li>Waive dedication where façade preservation is performed.</li> <li>Intersection roadbed widening shall only be</li> </ul>

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		roadbed		roadbed	Class II		<ul style="list-style-type: none"> <li>To prioritize enhancement of the pedestrian realm.</li> </ul>	<p>granted to accommodate “far side” bus drop-off area.</p> <ul style="list-style-type: none"> <li>Refer to Subsection 9.2.2 of adopted Commercial Corridors CPIO Subdistrict for further detail of modified standards for commercial and industrial zoned land.</li> </ul>
	Van Ness Ave. to 8th Ave.	76 foot ROW 56 foot roadbed	Major Highway Class II	104 foot ROW 80 foot roadbed	Modified Major Highway Class II	104 foot ROW 56 foot roadbed	<ul style="list-style-type: none"> <li>To incentivize conservation of desirable neighborhood character</li> <li>To prioritize enhancement of the pedestrian realm.</li> </ul>	<ul style="list-style-type: none"> <li>Waive dedication where façade preservation is performed.</li> <li>Intersection roadbed widening shall only be granted to accommodate “far side” bus drop-off area.</li> <li>Refer to Subsection 9.2.2 of adopted Commercial Corridors CPIO Subdistrict for further detail of modified standards for commercial and industrial zoned land.</li> </ul>
Venice Blvd.	Arlington Ave. to 7th Ave.	109.5-110 foot ROW 90 foot roadbed	Secondary Highway	90 foot ROW 70 foot roadbed	Modified Secondary Highway	109.5-110* foot ROW 90 foot roadbed	<ul style="list-style-type: none"> <li>To enhance connectivity to transit centers.</li> <li>To incentivize conservation of desirable neighborhood character.</li> <li>To prioritize enhancement of the pedestrian bicycle realm.</li> </ul>	<ul style="list-style-type: none"> <li>Waive dedication where façade preservation is performed.</li> <li>Intersection roadbed widening shall only be granted to accommodate “far side” bus drop-off area.</li> <li>Refer to Subsection 9.2.2 of adopted Commercial Corridors CPIO Subdistrict for further detail of modified standards for commercial and industrial zoned land.</li> </ul>
	Bronson Ave. to Crenshaw Blvd.	95 foot ROW 71-75 foot roadbed	Secondary Highway	90 foot ROW 70 foot roadbed	Modified Secondary Highway	95 foot ROW 75 foot roadbed	<ul style="list-style-type: none"> <li>To enhance connectivity to transit centers.</li> <li>To incentivize conservation of desirable neighborhood character.</li> <li>To prioritize enhancement of the pedestrian realm.</li> </ul>	<ul style="list-style-type: none"> <li>Waive dedication where façade preservation is performed.</li> <li>Intersection roadbed widening shall only be granted to accommodate “far side” bus drop-off area.</li> <li>Refer to Subsection 9.2.2 of adopted Commercial Corridors CPIO Subdistrict for further detail of modified standards for commercial and industrial zoned land.</li> </ul>
	Cadillac Ave. to	170 foot ROW	Scenic Major	104 foot ROW	Modified Scenic	170 foot ROW 108 foot	<ul style="list-style-type: none"> <li>To enhance connectivity to transit centers.</li> </ul>	<ul style="list-style-type: none"> <li>Waive dedication where façade preservation is performed.</li> </ul>

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	Hutchinson Ave.	108 foot roadbed	Highway Class II - Divided	80 foot roadbed	Major Highway Class II - Divided	roadbed	<ul style="list-style-type: none"> <li>To incentivize conservation of desirable neighborhood character.</li> <li>To prioritize enhancement of the pedestrian realm.</li> </ul>	<ul style="list-style-type: none"> <li>Intersection roadbed widening shall only be granted to accommodate "far side" bus drop-off area.</li> <li>Refer to Subsection 9.2.2 of adopted Commercial Corridors CPIO Subdistrict for further detail of modified standards for commercial and industrial zoned land.</li> </ul>
	Crenshaw Blvd. to Victoria Ave.	100-105.5 foot ROW 65-88 foot roadbed	Major Highway Class II	104 foot ROW 80 foot roadbed	Modified Major Highway Class II	104 foot ROW 65-88* foot roadbed	<ul style="list-style-type: none"> <li>To enhance connectivity to transit centers.</li> </ul>	<ul style="list-style-type: none"> <li>Waive dedication where façade preservation is performed.</li> <li>Intersection roadbed widening shall only be granted to accommodate "far side" bus drop-off area.</li> <li>Refer to Subsection 9.2.2 of adopted Commercial Corridors CPIO Subdistrict for further detail of modified standards for commercial and industrial zoned land.</li> </ul>
							<ul style="list-style-type: none"> <li>To incentivize conservation of desirable neighborhood character.</li> <li>To prioritize enhancement of the pedestrian realm.</li> </ul>	
Longwood Ave. to Guthrie Ave.	110-210 foot ROW 113-149 foot roadbed	Scenic Major Highway Class II - Divided	104 foot ROW 80 foot roadbed	Modified Scenic Major Highway Class II - Divided	110-210* foot ROW 113-149* foot roadbed	<ul style="list-style-type: none"> <li>To enhance connectivity to transit centers.</li> </ul>	<ul style="list-style-type: none"> <li>Waive dedication where façade preservation is performed.</li> <li>Intersection roadbed widening shall only be granted to accommodate "far side" bus drop-off area.</li> <li>Refer to Subsection 9.2.2 of adopted Commercial Corridors CPIO Subdistrict for further detail of modified standards for commercial and industrial zoned land.</li> </ul>	
						<ul style="list-style-type: none"> <li>To incentivize conservation of desirable neighborhood character.</li> </ul>		
						<ul style="list-style-type: none"> <li>To prioritize enhancement of the pedestrian realm.</li> </ul>		
Vernon Ave.	Van Ness Ave. to 11th Ave.	70 foot ROW 51 foot roadbed	Secondary Highway	90 foot ROW 70 foot roadbed	Modified Secondary Highway	90 foot ROW 51 foot roadbed	<ul style="list-style-type: none"> <li>To enhance connectivity to transit centers.</li> </ul>	<ul style="list-style-type: none"> <li>Waive dedication where façade preservation is performed.</li> <li>Intersection roadbed widening shall only be granted to accommodate "far side" bus drop-off area.</li> <li>Refer to Subsection 9.2.2 of adopted Commercial Corridors CPIO Subdistrict for further detail of modified standards for commercial and industrial zoned land.</li> </ul>
							<ul style="list-style-type: none"> <li>To incentivize conservation of desirable neighborhood character.</li> </ul>	
							<ul style="list-style-type: none"> <li>To prioritize enhancement of the pedestrian realm.</li> </ul>	
Washington Blvd.	Arlington Ave. to	100 foot ROW	Major Highway	104 foot ROW	Modified Major	104 foot ROW 69.5-72* foot	<ul style="list-style-type: none"> <li>To enhance connectivity to transit centers.</li> </ul>	<ul style="list-style-type: none"> <li>Waive dedication where façade preservation is performed.</li> </ul>

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	Crenshaw Blvd.	69.5-72 foot roadbed	Class II	80 foot roadbed	Highway Class II	roadbed	<ul style="list-style-type: none"> <li>To incentivize conservation of desirable neighborhood character.</li> <li>To prioritize enhancement of the pedestrian realm.</li> </ul>	<ul style="list-style-type: none"> <li>Intersection roadbed widening shall only be granted to accommodate "far side" bus drop-off area.</li> <li>Refer to Subsection 9.2.2 of adopted Commercial Corridors CPIO Subdistrict for further detail of modified standards for commercial and industrial zoned land.</li> </ul>
	La Brea to Fairfax Ave.	100-108 foot ROW 72-88 foot roadbed	Major Highway Class II	104 foot ROW 80 foot roadbed	Modified Major Highway Class II	104 foot ROW 72-88* foot roadbed	<ul style="list-style-type: none"> <li>To enhance connectivity to transit centers.</li> </ul>	<ul style="list-style-type: none"> <li>Waive dedication where façade preservation is performed.</li> <li>Intersection roadbed widening shall only be granted to accommodate "far side" bus drop-off area.</li> <li>Refer to Subsection 9.2.2 of adopted Commercial Corridors CPIO Subdistrict for further detail of modified standards for commercial and industrial zoned land.</li> </ul>
							<ul style="list-style-type: none"> <li>To incentivize conservation of desirable neighborhood character.</li> <li>To prioritize enhancement of the pedestrian realm.</li> </ul>	
West Blvd. to La Brea	100 foot ROW 72 foot roadbed	Major Highway Class II	104 foot ROW 80 foot roadbed	Modified Major Highway Class II	104 foot ROW 72 foot roadbed	<ul style="list-style-type: none"> <li>To enhance connectivity to transit centers.</li> </ul>	<ul style="list-style-type: none"> <li><i>Pedestrian Priority Street Segment</i></li> <li>Waive dedication where façade preservation is performed.</li> <li>Intersection roadbed widening shall only be granted to accommodate "far side" bus drop-off area.</li> <li>Refer to Subsection 9.2.2 of adopted Commercial Corridors CPIO Subdistrict for further detail of modified standards for commercial and industrial zoned land.</li> </ul>	
						<ul style="list-style-type: none"> <li>To incentivize conservation of desirable neighborhood character.</li> </ul>		
						<ul style="list-style-type: none"> <li>To prioritize enhancement of the pedestrian realm.</li> </ul>		
West Blvd.	62nd St. to 67th St.	77-80 foot ROW 56 foot roadbed	Collector	64 foot ROW 44 foot roadbed	Modified Collector	77-80* foot ROW 56 foot roadbed (with transitional extensions from intersecting corridor)	<ul style="list-style-type: none"> <li>To enhance connectivity to transit centers.</li> </ul>	<ul style="list-style-type: none"> <li><i>Pedestrian Priority Street Segment.</i></li> <li>Waive dedication where façade preservation is performed.</li> <li>Intersection roadbed widening shall only be granted to accommodate "far side" bus drop-off area.</li> <li>Refer to Subsection 9.2.2 of adopted Commercial Corridors CPIO Subdistrict for further detail of modified standards for commercial and industrial zoned land.</li> </ul>
							<ul style="list-style-type: none"> <li>To incentivize conservation of desirable neighborhood character.</li> </ul>	
	Intersection w/ 71st St.	77 foot ROW	Collector	64 foot ROW	Modified Collector	77 foot ROW 56 foot	<ul style="list-style-type: none"> <li>To enhance connectivity to transit centers.</li> </ul>	<ul style="list-style-type: none"> <li><i>Pedestrian Priority Street Segment</i></li> <li>Waive dedication where façade preservation</li> </ul>

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		56 foot roadbed		44 foot roadbed		roadbed (with transitional extensions from intersecting corridor)	<ul style="list-style-type: none"> <li>To incentivize conservation of desirable neighborhood character.</li> <li>To prioritize enhancement of the pedestrian realm.</li> </ul>	<p>is performed.</p> <ul style="list-style-type: none"> <li>Refer to Subsection 9.2.2 of adopted Commercial Corridors CPIO Subdistrict for further detail of modified standards for commercial and industrial zoned land.</li> </ul>

Expo Line Transit Oriented Development (TOD) CPIO Subdistricts								
Coliseum St.	Stevely Ave. to Sycamore Ave.	80-84 foot ROW 56-60 foot roadbed	Collector	64 foot ROW 44 foot roadbed	Modified Collector	80-84 foot ROW 56-60* foot roadbed	<ul style="list-style-type: none"> <li>To prioritize enhancement of the pedestrian realm.</li> </ul>	<ul style="list-style-type: none"> <li>Refer to Subsection 8.2.2 of the La Brea/ Farmdale CPIO Subdistrict for further detail of modified standards for commercial zoned land.</li> </ul>
Exposition Blvd.	Chesapeake Ave. to Orange Dr.	49-50 foot ROW 39-42 foot roadbed	Collector	64 foot ROW 44 foot roadbed	Modified Collector	49-50* foot ROW 39 foot roadbed (with transitional extensions from intersecting corridor)	<ul style="list-style-type: none"> <li>To enhance pedestrian and bicycle connectivity to Expo LRT station, major bus centers and parking facilities.</li> </ul>	<ul style="list-style-type: none"> <li><i>Pedestrian Priority Street Segment</i></li> <li>Waive dedication where façade preservation is performed.</li> <li>Allow approximately 200 foot closure or vacation east from current terminus at La Brea Avenue.</li> <li>Refer to Sections 8 and 9 of the adopted La Brea/ Farmdale TOD CPIO Subdistrict for further detail of modified standards.</li> </ul>
							<ul style="list-style-type: none"> <li>To incentivize conservation of desirable neighborhood character</li> <li>To prioritize enhancement of the pedestrian realm.</li> </ul>	
Jefferson Blvd.	Carmona Ave. to National Blvd.	82-101 foot ROW 66 foot roadbed	Secondary Highway	90 foot ROW 70 foot roadbed	Modified Secondary Highway	90 foot ROW 66 foot roadbed	<ul style="list-style-type: none"> <li>To enhance pedestrian and bicycle connectivity to Expo LRT station, major bus centers and parking facilities.</li> <li>To prioritize enhancement of the pedestrian realm.</li> </ul>	<ul style="list-style-type: none"> <li><i>Pedestrian Priority Street Segment</i></li> <li>Intersection roadbed widening shall only be granted to accommodate "far side" bus drop-off area.</li> <li>Refer to Section 8 of the adopted Jefferson/ La Cienega TOD CPIO Subdistrict for further detail of modified standards.</li> </ul>
	Chesapeake Ave. to Cochran Ave.	80 foot ROW 66 foot roadbed	Secondary Highway	90 foot ROW 70 foot roadbed	Modified Secondary Highway	90 foot ROW 66 foot roadbed	<ul style="list-style-type: none"> <li>To enhance pedestrian and bicycle connectivity to Expo LRT station, major bus centers and parking facilities.</li> </ul>	<ul style="list-style-type: none"> <li><i>Pedestrian Priority Street Segment</i></li> <li>Waive dedication where façade preservation is performed.</li> <li>Intersection roadbed widening shall only be granted to accommodate "far side" bus drop-</li> </ul>

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	National Blvd. to Rodeo Rd	65.5-70 foot ROW 60 foot roadbed	Secondary Highway	90 foot ROW 70 foot roadbed	Modified Secondary Highway	90 foot ROW 60 foot roadbed	<ul style="list-style-type: none"> <li>To incentivize conservation of desirable neighborhood character</li> <li>To prioritize enhancement of the pedestrian realm.</li> </ul>	<ul style="list-style-type: none"> <li>off area.</li> <li>Refer to Sections 8 and 9 of the adopted La Brea/ Farmdale TOD CPIO Subdistrict for further detail of modified standards.</li> </ul>
							<ul style="list-style-type: none"> <li>To enhance pedestrian and bicycle connectivity to Expo LRT station, major bus centers and parking facilities.</li> <li>To prioritize enhancement of the pedestrian realm.</li> </ul>	<ul style="list-style-type: none"> <li><i>Pedestrian Priority Street Segment</i></li> <li>Intersection roadbed widening shall only be granted to accommodate "far side" bus drop-off area.</li> <li>Refer to Section 8 of the adopted Jefferson/ La Cienega TOD CPIO Subdistrict for further detail of modified standards.</li> </ul>
La Brea Ave.	Roseland St. to Coliseum St.	90-100 foot ROW 70-77 foot roadbed	Major Highway Class II	104 foot ROW 80 foot roadbed	Modified Major Highway Class II	104 foot ROW 70-77* foot roadbed	<ul style="list-style-type: none"> <li>To enhance pedestrian and bicycle connectivity to Expo LRT station, major bus centers and parking facilities.</li> </ul>	<ul style="list-style-type: none"> <li>Waive dedication where façade preservation is performed.</li> <li>Intersection roadbed widening shall only be granted to accommodate "far side" bus drop-off area.</li> <li>Refer to Sections 8 and 9 of the adopted La Brea/ Farmdale TOD CPIO Subdistrict for further detail of modified standards.</li> </ul>
							<ul style="list-style-type: none"> <li>To incentivize conservation of desirable neighborhood character</li> <li>To prioritize enhancement of the pedestrian realm.</li> </ul>	
La Cienega Blvd.	Fairfax Ave. to Rodeo Rd.	100 foot ROW 78-80 foot roadbed	Major Highway Class II	104 foot ROW 80 foot roadbed	Modified Major Highway Class II	104 foot ROW 78-80* foot roadbed	<ul style="list-style-type: none"> <li>To enhance pedestrian and bicycle connectivity to Expo LRT station, major bus centers and parking facilities.</li> </ul>	<ul style="list-style-type: none"> <li><i>Transit Priority Street Segment</i></li> <li>Intersection roadbed widening shall only be granted to accommodate "far side" bus drop-off area.</li> <li>Refer to Section 8 of the adopted Jefferson/ La Cienega TOD CPIO Subdistrict for further detail of modified standards.</li> </ul>
							<ul style="list-style-type: none"> <li>To prioritize enhancement of the pedestrian realm.</li> </ul>	
National Blvd.	Venice Blvd. to Regent St.	80 foot ROW 66 foot roadbed	Secondary Highway	90 foot ROW 70 foot roadbed	Modified Secondary Highway	90 foot ROW 66 foot roadbed	<ul style="list-style-type: none"> <li>To enhance pedestrian and bicycle connectivity to Expo LRT station, major bus centers and parking facilities.</li> </ul>	<ul style="list-style-type: none"> <li><i>Pedestrian Priority Street Segment</i></li> <li>Waive dedication where façade preservation is performed.</li> <li>Intersection roadbed widening shall only be granted to accommodate "far side" bus drop-off area.</li> <li>Refer to Sections 8 and 9 of the adopted Venice/ National TOD CPIO Subdistrict for</li> </ul>
							<ul style="list-style-type: none"> <li>To incentivize conservation of desirable neighborhood character</li> </ul>	

\* Maximum dimension varies. See approved LADOT striping plan for exact location of dimension.

TABLE 4.1.  
Street Reclassifications

STREET NAME	SPECIFIC LOCATION	EXISTING CONDITIONS	CURRENT DESIGNATION	CURRENT STANDARD(S)	PROPOSED DESIGNATION	PROPOSED STANDARD(S)	OBJECTIVE(S) ACHIEVED	NOTES/ CLARIFICATIONS
							<ul style="list-style-type: none"> <li>To prioritize enhancement of the pedestrian realm.</li> </ul>	further detail of modified standards.
Redondo Blvd.	Jefferson Blvd. to Adams Blvd.	70 foot ROW 50 foot roadbed	Secondary Highway	90 foot ROW 70 foot roadbed	Modified Secondary Highway	70 foot ROW 50 foot roadbed	<ul style="list-style-type: none"> <li>Bicycle emphasis</li> </ul>	
Rodeo Rd.	Genesee Ave. to Jefferson Blvd.	100 foot ROW 74 -78 foot roadbed	Major Highway Class II	104 foot ROW 80 foot roadbed	Modified Major Highway Class II	104 foot ROW 74 -78* foot roadbed	<ul style="list-style-type: none"> <li>To enhance pedestrian and bicycle connectivity to Expo LRT station, major bus centers and parking facilities.</li> <li>To prioritize enhancement of the pedestrian realm.</li> </ul>	<ul style="list-style-type: none"> <li><i>Pedestrian Priority Street Segment</i></li> <li>Intersection roadbed widening shall only be granted to accommodate "far side" bus drop-off area.</li> <li>Refer to Section 8 of the adopted Jefferson/ La Cienega TOD CPIO Subdistrict for further detail of modified standards.</li> </ul>
	Martin Luther King Jr. Blvd. to Sycamore Ave.	100 foot ROW 74 foot roadbed	Major Highway Class II	104 foot ROW 80 foot roadbed	Modified Major Highway Class II	104 foot ROW 74 foot roadbed	<ul style="list-style-type: none"> <li>To enhance pedestrian and bicycle connectivity to Expo LRT station, major bus centers and parking facilities.</li> <li>To incentivize conservation of desirable neighborhood character</li> <li>To prioritize enhancement of the pedestrian realm.</li> </ul>	<ul style="list-style-type: none"> <li>Waive dedication where façade preservation is performed.</li> <li>Intersection roadbed widening shall only be granted to accommodate "far side" bus drop-off area.</li> <li>Refer to Sections 8 and 9 of the adopted La Brea/ Farmdale TOD CPIO Subdistrict for further detail of modified standards commercial and industrial zoned land only.</li> </ul>
	Victoria Ave. to Martin Luther King Jr. Blvd.	80-122 foot ROW 56-98 foot roadbed	Secondary Highway	90 foot ROW 70 foot roadbed	Modified Secondary Highway	80-122* foot ROW 56-98* foot roadbed	<ul style="list-style-type: none"> <li>To enhance pedestrian and bicycle connectivity to transit centers.</li> </ul>	<ul style="list-style-type: none"> <li><i>Residential / Public Facility Segment</i></li> </ul>
Venice Blvd.	Hutchinson Ave. to National Blvd	160 foot ROW 108 foot roadbed	Scenic Major Highway Class II - Divided	104 foot ROW 80 foot roadbed	Modified Major Highway Class II	160 foot ROW 108 foot roadbed	<ul style="list-style-type: none"> <li>To enhance pedestrian and bicycle connectivity to Expo LRT station, major bus centers and parking facilities.</li> <li>To incentivize conservation of desirable neighborhood character</li> <li>To prioritize enhancement of the pedestrian realm.</li> </ul>	<ul style="list-style-type: none"> <li><i>Transit Priority Street Segment</i></li> <li>Waive dedication where façade preservation is performed.</li> <li>Intersection roadbed widening shall only be granted to accommodate "far side" bus drop-off area.</li> <li>Refer to Sections 8 and 9 of the adopted Venice/ National TOD CPIO Subdistrict for further detail of modified standards.</li> </ul>

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TABLE 4.1.  
Street Reclassifications

STREET NAME	SPECIFIC LOCATION	EXISTING CONDITIONS	CURRENT DESIGNATION	CURRENT STANDARD(S)	PROPOSED DESIGNATION	PROPOSED STANDARD(S)	OBJECTIVE(S) ACHIEVED	NOTES/ CLARIFICATIONS
<b>Hyde Park Industrial Corridor CPIO Subdistrict</b>								
4th Ave.	Hyde Park Blvd. to Southwest Dr.	60 foot ROW 40 foot roadbed	Collector	64 foot ROW 44 foot roadbed	Modified Collector	60 foot ROW 40 foot roadbed	<ul style="list-style-type: none"> <li>To conceptually delineate preferred streetscape enhancements.</li> <li>To prioritize enhancement of the pedestrian realm.</li> <li>To incentivize conservation of desirable neighborhood character</li> </ul>	<ul style="list-style-type: none"> <li>Waive dedication where façade preservation is performed.</li> <li>Refer to Hyde Park Industrial Corridor CPIO Subdistrict (Subsections 8.2.2, 9.1 and 9.2 for further detail of modified standards for commercial and industrial zoned land.</li> </ul>
67th St.	8th Ave. to West Blvd.	60-62 foot ROW 40 foot roadbed	Collector	64 foot ROW 44 foot roadbed	Modified Collector	60 foot ROW 40 foot roadbed	<ul style="list-style-type: none"> <li>To conceptually delineate preferred streetscape enhancements.</li> <li>To incentivize conservation of desirable neighborhood character</li> <li>To prioritize enhancement of the pedestrian realm.</li> </ul>	<ul style="list-style-type: none"> <li>Waive dedication where façade preservation is performed.</li> <li>Refer to Hyde Park Industrial Corridor CPIO Subdistrict (Subsections 8.2.2, 9.1 and 9.2 for further detail of modified standards for commercial and industrial zoned land.</li> </ul>
8th Ave.	Hyde Park Blvd. to 67th St.	60 foot ROW 40 foot roadbed	Collector	64 foot ROW 44 foot roadbed	Modified Collector	60 foot ROW 40 foot roadbed	<ul style="list-style-type: none"> <li>To conceptually delineate preferred streetscape enhancements.</li> <li>To prioritize enhancement of the pedestrian realm.</li> <li>To incentivize conservation of desirable neighborhood character</li> </ul>	<ul style="list-style-type: none"> <li>Waive dedication where façade preservation is performed.</li> <li>Refer to Hyde Park Industrial Corridor CPIO Subdistrict (Subsections 8.2.2, 9.1 and 9.2 for further detail of modified standards for commercial and industrial zoned land.</li> </ul>
Hyde Park Blvd.	Van Ness Ave. to West Blvd.	60 foot ROW 35 foot roadbed	Secondary Highway	90 foot ROW 70 foot roadbed	Modified Secondary Highway	64 foot ROW 35 foot roadbed	<ul style="list-style-type: none"> <li>To conceptually delineate preferred streetscape enhancements.</li> <li>To incentivize conservation of desirable neighborhood character</li> <li>To prioritize enhancement of the pedestrian realm.</li> </ul>	<ul style="list-style-type: none"> <li>Waive dedication where façade preservation is performed.</li> <li>Refer to Hyde Park Industrial Corridor CPIO Subdistrict (Subsections 8.2.2, 9.1 and 9.2 for further detail of modified standards for commercial and industrial zoned land - Van Ness to 8<sup>th</sup> Ave.</li> </ul>
Southwest Drive	Van Ness Ave. to 8th	55-57.5 foot ROW	Collector	64 foot ROW	Modified Collector	64 foot ROW 30 foot	<ul style="list-style-type: none"> <li>To conceptually delineate preferred streetscape</li> </ul>	<ul style="list-style-type: none"> <li>Waive dedication where façade preservation is performed.</li> </ul>

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TABLE 4.1.  
Street Reclassifications

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	Ave.	30 foot roadbed		44 foot roadbed		roadbed	<ul style="list-style-type: none"> <li>enhancements.</li> <li>To incentivize conservation of desirable neighborhood character</li> <li>To prioritize enhancement of the pedestrian realm.</li> </ul>	<ul style="list-style-type: none"> <li>Refer to Hyde Park Industrial Corridor CPIO Subdistrict (Subsections 8.2.2, 9.1 and 9.2 for further detail of modified standards for commercial and industrial zoned land.</li> </ul>
Van Ness Ave	Hyde Park Blvd. to Southwest Dr.	60 foot ROW 35 foot roadbed	Secondary Highway	90 foot ROW 70 foot roadbed	Modified Secondary Highway	90 foot ROW 70 foot roadbed	<ul style="list-style-type: none"> <li>To conceptually delineate preferred streetscape enhancements.</li> <li>To incentivize conservation of desirable neighborhood character</li> <li>To prioritize enhancement of the pedestrian realm.</li> </ul>	<ul style="list-style-type: none"> <li>Refer to Hyde Park Industrial Corridor CPIO Subdistrict (Subsections 8.2.2, 9.1 and 9.2 for further detail of modified standards for commercial and industrial zoned land.</li> </ul>

### Crenshaw Corridor Specific Plan

Adams Blvd.	13 <sup>th</sup> to Sommerset	95 -100 foot ROW 60-70 foot roadbed	Scenic Major Highway Class II	104 foot ROW 80 foot roadbed	Modified Scenic Major Highway Class II	104 foot ROW 60-70* foot roadbed	<ul style="list-style-type: none"> <li>To enhance pedestrian and bicycle connectivity to transit centers.</li> <li>To incentivize conservation of desirable neighborhood character.</li> <li>To prioritize enhancement of the pedestrian realm.</li> </ul>	<ul style="list-style-type: none"> <li>Refer to Subsection 15.A.of the Crenshaw Corridor Specific Plan for further detail of modified standards adjacent to LRT Stations and Major Bus Centers.</li> </ul>
Coliseum St.	Norton Ave. to Victoria Ave.	60-62 foot ROW 40 foot roadbed	Collector	64 foot ROW 44 foot roadbed	Modified Collector	64 foot ROW 40 foot Roadbed	<ul style="list-style-type: none"> <li>To enhance pedestrian and bicycle connectivity to Crenshaw/ Expo LRT Station and Rapid Bus centers.</li> </ul>	<ul style="list-style-type: none"> <li><i>Pedestrian Priority Street Segment</i></li> <li>Refer to Subsection 15.A.of the Crenshaw Corridor Specific Plan for further detail of modified standards for Crenshaw/ Expo LRT Station and Rapid Bus centers.</li> </ul>
Crenshaw Blvd.	48th St. to Slauson	180-215 foot ROW 150-192 foot roadbed	Scenic Major Highway Class I	126 foot ROW 102 foot roadbed	Modified Scenic Major Highway Class I	180-215* foot ROW 150-192* foot roadbed	<ul style="list-style-type: none"> <li>To enhance pedestrian, bicycle and vehicular connectivity to Crenshaw/ LAX LRT stations, major bus centers and parking facilities.</li> </ul>	<ul style="list-style-type: none"> <li><i>Transit Priority Street</i></li> <li>Refer to Subsection 15.A.of the Crenshaw Corridor Specific Plan for further detail of modified standards adjacent to LRT Stations and Major Bus Centers.</li> </ul>
	60th St. to	100 foot	Major	104 foot	Modified	104 foot ROW	<ul style="list-style-type: none"> <li>To enhance pedestrian,</li> </ul>	<ul style="list-style-type: none"> <li><i>Transit Priority Street</i></li> </ul>

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TABLE 4.1.  
Street Reclassifications

STREET NAME	SPECIFIC LOCATION	EXISTING CONDITIONS	CURRENT DESIGNATION	CURRENT STANDARD(S)	PROPOSED DESIGNATION	PROPOSED STANDARD(S)	OBJECTIVE(S) ACHIEVED	NOTES/ CLARIFICATIONS
	Florence Ave.	ROW 70-80 foot roadbed	Highway Class II	ROW 80 foot roadbed	Major Highway Class II	70-80* foot roadbed	bicycle and vehicular connectivity to Crenshaw/ LAX LRT stations, major bus centers and parking facilities.	<ul style="list-style-type: none"> <li>Refer to Subsection 15.A.of the Crenshaw Corridor Specific Plan for further detail of modified standards adjacent to LRT Stations and Major Bus Centers.</li> </ul>
	Adams Blvd. To Vernon Ave.	100-215 foot ROW 70-192 foot roadbed	Scenic Major Highway Class I	126 foot ROW 102 foot roadbed	Modified Scenic Major Highway Class I	100-215 foot ROW 70-192 * foot roadbed	<ul style="list-style-type: none"> <li>To enhance pedestrian, bicycle and vehicular connectivity to Crenshaw/ LAX LRT stations, major bus centers and parking facilities.</li> </ul>	<ul style="list-style-type: none"> <li>Transit Priority Street</li> <li>Refer to Subsection 15.A.of the Crenshaw Corridor Specific Plan for further detail of modified standards adjacent to LRT Stations and Major Bus Centers.</li> </ul>
	Slauson to 60th St.	180-215 foot ROW 150-192 foot roadbed	Major Highway Class I	126 foot ROW 102 foot roadbed	Modified Major Highway Class I	180-215* foot ROW 150-192* foot roadbed	<ul style="list-style-type: none"> <li>To enhance pedestrian, bicycle and vehicular connectivity to Crenshaw/ LAX LRT stations, major bus centers and parking facilities.</li> </ul>	<ul style="list-style-type: none"> <li>Transit Priority Street</li> <li>Refer to Subsection 15.A.of the Crenshaw Corridor Specific Plan for further detail of modified standards adjacent to LRT Stations and Major Bus Centers.</li> </ul>
	Vernon Ave. to 48th St.	180 foot ROW 150 foot roadbed	Scenic Major Highway Class I	126 foot ROW 102 foot roadbed	Modified Scenic Major Highway Class I	180 foot ROW 150 foot roadbed	<ul style="list-style-type: none"> <li>To enhance pedestrian, bicycle and vehicular connectivity to Crenshaw/ LAX LRT stations, major bus centers and parking facilities.</li> </ul>	<ul style="list-style-type: none"> <li>Transit Priority Street</li> <li>Refer to Subsection 15.A.of the Crenshaw Corridor Specific Plan for further detail of modified standards adjacent to LRT Stations and Major Bus Centers.</li> </ul>
Exposition Blvd.	Westside Ave. to Victoria Ave.	49-50 foot ROW 39-42 foot roadbed	Collector	64 foot ROW 44 foot roadbed	Modified Collector	49-50* foot ROW 39-42* foot roadbed (with transitional extensions from intersecting corridor)	<ul style="list-style-type: none"> <li>To enhance pedestrian, bicycle and vehicular connectivity to Crenshaw/ LAX LRT stations, major bus centers and parking facilities.</li> </ul>	<ul style="list-style-type: none"> <li>Pedestrian Priority Street Segment</li> <li>Refer to Subsection 15.A.of the Crenshaw Corridor Specific Plan for further detail of modified standards adjacent to LRT Stations and Major Bus Centers.</li> </ul>
Florence Ave.	10th Ave. to Crenshaw Blvd.	100 foot ROW 70 foot roadbed	Major Highway Class II	104 foot ROW 80 foot roadbed	Modified Major Highway Class II	104 foot ROW 70 foot roadbed	<ul style="list-style-type: none"> <li>To enhance pedestrian, bicycle and vehicular connectivity to Crenshaw/ LAX LRT stations, major bus centers and parking facilities.</li> </ul>	<ul style="list-style-type: none"> <li>Transit Priority Street</li> <li>Refer to Subsection 15.A.of the Crenshaw Corridor Specific Plan for further detail of modified standards adjacent to LRT Stations and Major Bus Centers.</li> </ul>

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Street Reclassifications

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Jefferson Blvd.	Bronson Ave. to Victoria Ave.	80-83 foot ROW 56 foot roadbed	Secondary Highway	90 foot ROW 70 foot roadbed	Modified Secondary Highway	90 foot ROW 56 foot roadbed	<ul style="list-style-type: none"> <li>To enhance pedestrian, bicycle and vehicular connectivity to Crenshaw/ LAX LRT stations, major bus centers and parking facilities.</li> </ul>	<ul style="list-style-type: none"> <li><i>Pedestrian Priority Street Segment</i></li> <li>Refer to Subsection 15.A. of the Crenshaw Corridor Specific Plan for further detail of modified standards adjacent to LRT Stations and Major Bus Centers.</li> </ul>
Martin Luther King Jr. Blvd.	Buckingham Rd. to Hillcrest Dr.	162-164 foot ROW 140-142 foot roadbed	Major Highway Class II	104 foot ROW 80 foot roadbed	Modified Major Highway Class II	162-164* foot ROW 140-142* foot roadbed	<ul style="list-style-type: none"> <li>To enhance pedestrian, bicycle and vehicular connectivity to Crenshaw/ LAX LRT stations, major bus centers and parking facilities.</li> </ul>	<ul style="list-style-type: none"> <li>Refer to Subsection 15.A. of the Crenshaw Corridor Specific Plan for further detail of modified standards adjacent to LRT Stations and Major Bus Centers.</li> </ul>
	Marlton Ave. to Buckingham Rd.	145-236 foot ROW 97-212 foot roadbed	Major Highway Class II	104 foot ROW 80 foot roadbed	Modified Major Highway Class II	145-236* foot ROW 97-212* foot roadbed	<ul style="list-style-type: none"> <li>To enhance pedestrian, bicycle and vehicular connectivity to Crenshaw/ LAX LRT stations, major bus centers and parking facilities.</li> </ul>	<ul style="list-style-type: none"> <li>Refer to Subsection 15.A. of the Crenshaw Corridor Specific Plan for further detail of modified standards adjacent to LRT Stations and Major Bus Centers.</li> </ul>
	McClung Dr. to Marlton Ave.	100-145 foot ROW 72-97 foot roadbed	Major Highway Class II	104 foot ROW 80 foot roadbed	Modified Major Highway Class II	110-145* foot ROW 72-97* foot roadbed	<ul style="list-style-type: none"> <li>To enhance pedestrian, bicycle and vehicular connectivity to Crenshaw/ LAX LRT stations, major bus centers and parking facilities.</li> </ul>	<ul style="list-style-type: none"> <li><i>Transit Priority Street</i></li> <li>Refer to Subsection 15.A. of the Crenshaw Corridor Specific Plan for further detail of modified standards adjacent to LRT Stations and Major Bus Centers.</li> </ul>
Rodeo Rd.	Degnan Blvd to Victoria Ave.	80 foot ROW 56 foot roadbed	Secondary Highway	90 foot ROW 70 foot roadbed	Modified Secondary Highway	90 foot ROW 56 foot roadbed (with transitional extensions from intersecting corridor)	<ul style="list-style-type: none"> <li>To enhance pedestrian, bicycle and vehicular connectivity to Crenshaw/ LAX LRT stations, major bus centers and parking facilities.</li> </ul>	<ul style="list-style-type: none"> <li><i>Pedestrian Priority Street Segment</i></li> <li>Refer to Subsection 15.A. of the Crenshaw Corridor Specific Plan for further detail of modified standards adjacent to LRT Stations and Major Bus Centers.</li> </ul>
Slauson Ave.	Crenshaw Blvd to Hillcrest Dr.	76 foot ROW 56 foot roadbed	Major Highway Class II	104 foot ROW 80 foot roadbed	Modified Major Highway Class II	76 foot ROW 56 foot roadbed	<ul style="list-style-type: none"> <li>To enhance pedestrian, bicycle and vehicular connectivity to Crenshaw/ LAX LRT stations, major bus centers and parking facilities.</li> </ul>	<ul style="list-style-type: none"> <li><i>Pedestrian Priority Street Segment</i></li> <li>Refer to Subsection 15.A. of the Crenshaw Corridor Specific Plan for further detail of modified standards adjacent to LRT Stations and Major Bus Centers.</li> </ul>

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Vernon Ave.	11th Ave. to City limit	85-100 foot ROW 56-62.5 foot roadbed	Secondary Highway	90 foot ROW 70 foot roadbed	Modified Secondary Highway	85-100* foot ROW 56-62.5* foot roadbed	<ul style="list-style-type: none"> <li>To enhance pedestrian, bicycle and vehicular connectivity to Crenshaw/ LAX LRT stations, major bus centers and parking facilities.</li> </ul>	<ul style="list-style-type: none"> <li><i>Pedestrian Priority Street Segment</i></li> <li>Refer to Subsection 15.A. of the Crenshaw Corridor Specific Plan for further detail of modified standards adjacent to LRT Stations and Major Bus Centers.</li> </ul>
West Blvd.	Slauson to 60th St.	80 foot ROW 56 foot roadbed	Collector	64 foot ROW 44 foot roadbed	Modified Collector	80 foot ROW 56 foot roadbed (with transitional extensions from intersecting corridor)	<ul style="list-style-type: none"> <li>To enhance pedestrian, bicycle and vehicular connectivity to Crenshaw/ LAX LRT stations, major bus centers and parking facilities.</li> </ul>	<ul style="list-style-type: none"> <li><i>Pedestrian Priority Street Segment</i></li> <li>Refer to Subsection 15.A. of the Crenshaw Corridor Specific Plan for further detail of modified standards adjacent to LRT Stations and Major Bus Centers.</li> </ul>

## Residential Segments

Adams Blvd.	Arlington Ave. to 13 <sup>th</sup>	90 -100 foot ROW 60-70 foot roadbed	Scenic Major Highway Class II	104 foot ROW 80 foot roadbed	Modified Scenic Major Highway Class II	90-100* foot ROW 60-70* foot roadbed	<ul style="list-style-type: none"> <li>To enhance pedestrian and bicycle connectivity to transit centers.</li> <li>To incentivize conservation of desirable neighborhood character.</li> <li>To prioritize enhancement of the pedestrian realm.</li> </ul>	<ul style="list-style-type: none"> <li><i>Residential Segment</i></li> </ul>
Exposition Blvd.	Victoria Ave. to Chesapeake Ave.	49-50 foot ROW 39-42 foot roadbed	Collector	64 foot ROW 44 foot roadbed	Modified Collector	49-50* foot ROW 39-42* foot roadbed	<ul style="list-style-type: none"> <li>To enhance pedestrian, bicycle and vehicular connectivity to Crenshaw/ LAX and Expo LRT stations, major bus centers and parking facilities.</li> </ul>	<ul style="list-style-type: none"> <li><i>Residential Segment</i></li> </ul>
Martin Luther King Jr. Blvd.	Sutro Ave. to McClung Blvd.	100-110 foot ROW 72 foot roadbed	Major Highway Class II	104 foot ROW 80 foot roadbed	Modified Major Highway Class II	100-110* foot ROW 72 foot roadbed	<ul style="list-style-type: none"> <li>To enhance pedestrian and bicycle connectivity to transit centers.</li> <li>To incentivize conservation of desirable neighborhood character</li> </ul>	<ul style="list-style-type: none"> <li><i>Transit Priority Street</i></li> <li><i>Residential Segment</i></li> </ul>

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Street Reclassifications

STREET NAME	SPECIFIC LOCATION	EXISTING CONDITIONS	CURRENT DESIGNATION	CURRENT STANDARD(S)	PROPOSED DESIGNATION	PROPOSED STANDARD(S)	OBJECTIVE(S) ACHIEVED	NOTES/ CLARIFICATIONS
							<ul style="list-style-type: none"> <li>To prioritize enhancement of the pedestrian realm.</li> </ul>	
	Coliseum St. to Rodeo Rd.	162 foot ROW 140 foot roadbed	Major Highway Class II	104 foot ROW 80 foot roadbed	Modified Major Highway Class II	162 foot ROW 140 foot roadbed	<ul style="list-style-type: none"> <li>To enhance pedestrian and bicycle connectivity to transit centers.</li> <li>To incentivize conservation of desirable neighborhood character</li> <li>To prioritize enhancement of the pedestrian realm.</li> </ul>	<ul style="list-style-type: none"> <li>Residential Segment</li> </ul>
Redondo	Jefferson Blvd. to Adams Blvd.	70 foot ROW 50 foot roadbed	Secondary Highway	90 foot ROW 70 foot roadbed	Modified Secondary Highway	70 foot ROW 50 foot roadbed	<ul style="list-style-type: none"> <li>Bicycle emphasis</li> </ul>	
Rodeo Rd.	Sycamore Ave. to Genesee Ave.	100 foot ROW 74 -80 foot roadbed	Major Highway Class II	104 foot ROW 80 foot roadbed	Modified Major Highway Class II	104 foot ROW 74 -80* foot roadbed	<ul style="list-style-type: none"> <li>To enhance pedestrian and bicycle connectivity to transit centers.</li> <li>To incentivize conservation of desirable neighborhood character</li> <li>To prioritize enhancement of the pedestrian realm.</li> </ul>	<ul style="list-style-type: none"> <li>Residential Segment</li> </ul>
	Victoria Ave. to Martin Luther King Jr. Blvd.	80-122 foot ROW 56-98 foot roadbed	Secondary Highway	90 foot ROW 70 foot roadbed	Modified Secondary Highway	80-122* foot ROW 56-98* foot roadbed	<ul style="list-style-type: none"> <li>To incentivize conservation of desirable neighborhood character</li> <li>To prioritize enhancement of the pedestrian realm.</li> </ul>	<ul style="list-style-type: none"> <li>Residential / Public Facility Segment</li> </ul>
Slauson Ave.	8th Ave. to 11 <sup>th</sup> Ave.	76 foot ROW 56 foot roadbed	Major Highway Class II	104 foot ROW 80 foot roadbed	Modified Major Highway Class II	76 foot ROW 56 foot roadbed	<ul style="list-style-type: none"> <li>To incentivize conservation of desirable neighborhood character</li> <li>To prioritize enhancement of the pedestrian realm.</li> </ul>	<ul style="list-style-type: none"> <li>Pedestrian Priority Street Segment</li> <li>Residential Segment</li> </ul>
Venice Blvd.	7 <sup>th</sup> Ave. to Bronson Ave.	109.5-95 foot ROW 90-71 foot	Secondary Highway	90 foot ROW 70 foot	Modified Secondary Highway	109.5-95* foot ROW 90-71* foot	<ul style="list-style-type: none"> <li>To incentivize conservation of desirable neighborhood character.</li> </ul>	<ul style="list-style-type: none"> <li>Residential Segment</li> </ul>

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TABLE 4.1.  
Street Reclassifications

STREET NAME	SPECIFIC LOCATION	EXISTING CONDITIONS	CURRENT DESIGNATION	CURRENT STANDARD(S)	PROPOSED DESIGNATION	PROPOSED STANDARD(S)	OBJECTIVE(S) ACHIEVED	NOTES/ CLARIFICATIONS
	West Blvd.	80-104 foot roadbed		70 foot roadbed	Highway	80-104* foot roadbed	neighborhood character. • To prioritize enhancement of the pedestrian and bicycle realm.	
	West Blvd. to Longwood Ave.	119-135.5 foot ROW 104-113 foot roadbed	Scenic Major Highway Class II	104 foot ROW 80 foot roadbed	Modified Scenic Major Highway Class II	119-135.5* foot ROW 104-113* foot roadbed	• To incentivize conservation of desirable neighborhood character. • To prioritize enhancement of the pedestrian bicycle realm.	
Washington Blvd.	Crenshaw Blvd. to West Blvd	100 foot ROW 69.5-72 foot roadbed	Major Highway Class II	104 foot ROW 80 foot roadbed	Modified Major Highway Class II	100 foot ROW 69.5-72* foot roadbed	• To incentivize conservation of desirable neighborhood character • To prioritize enhancement of the pedestrian realm.	• Residential Segment
West Blvd.	60 <sup>th</sup> to 62rd St.	77-80 foot ROW 56 foot roadbed	Collector	64 foot ROW 44 foot roadbed	Modified Collector	77-80*foot ROW 56 foot roadbed	• To incentivize conservation of desirable neighborhood character • To prioritize enhancement of the pedestrian realm.	• Residential Segment

\* Maximum dimension varies. See approved LADOT striping plan for exact location of dimension.