



Model Development Report

2016 City of Los Angeles

Travel Demand Model

February, 2018



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INTRODUCTION

Fehr & Peers has updated the City of Los Angeles travel demand model as part of the *Infill and Complete Streets - Capturing VMT Impacts and Benefits to CEQA Project* with the Department of City Planning. This model update focused on consistency with the latest version of the regional travel demand model, improving key components of the model process, and meeting or exceeding industry standards for calibration and validation. The section provides an overview of the City of Los Angeles travel demand model, including background and goals of this update.

BACKGROUND AND PURPOSE

The City of Los Angeles Travel Demand Model was originally developed by Fehr & Peers in 2010 as part of the *City's Transportation Strategic Plan Study*. The City's travel demand forecasting (TDF) model was developed from the 2008 Regional Transportation Plan (RTP) model maintained by the Southern California Association of Governments (SCAG). The base year socioeconomic data and network detail was updated from 2003 to represent 2008 conditions (the most complete dataset available for the region at that time). This version of the model will be referred to as the 2008 version throughout this report. The City's model is a focused version of the SCAG RTP model that includes more zonal and roadway network detail within the City of Los Angeles and adjacent cities. Portions of the model in Orange, Riverside, San Bernardino, and Imperial Counties that do not interact significantly with the City were aggregated or removed to decrease the model run time.

Subsequent to the development of the model for the *Transportation Strategic Plan Study*, Fehr & Peers further enhanced the City's model as part of the following studies: *Cornfields Arroyo Specific Plan Study* and *Westside Mobility Plan Study* for the City of Los Angeles Department of City Planning and the *Specific Plan Amendment Study* (SPAS) for Los Angeles World Airports. The City's model was also updated and used to and evaluate and document outcomes associated with the *Mobility Plan 2035*. As part of these studies, more zonal detail and roadway network detail were added and the model was revalidated in each of the study areas. The City of Los Angeles TDF model is an invaluable tool that has been used in the evaluation of land use scenarios and transportation system alternatives. The model provides the ability to evaluate the transportation system, use performance indicators for land use and transportation alternatives, provide information on regional pass-through traffic versus locally generated trips and provide graphical displays of these results.

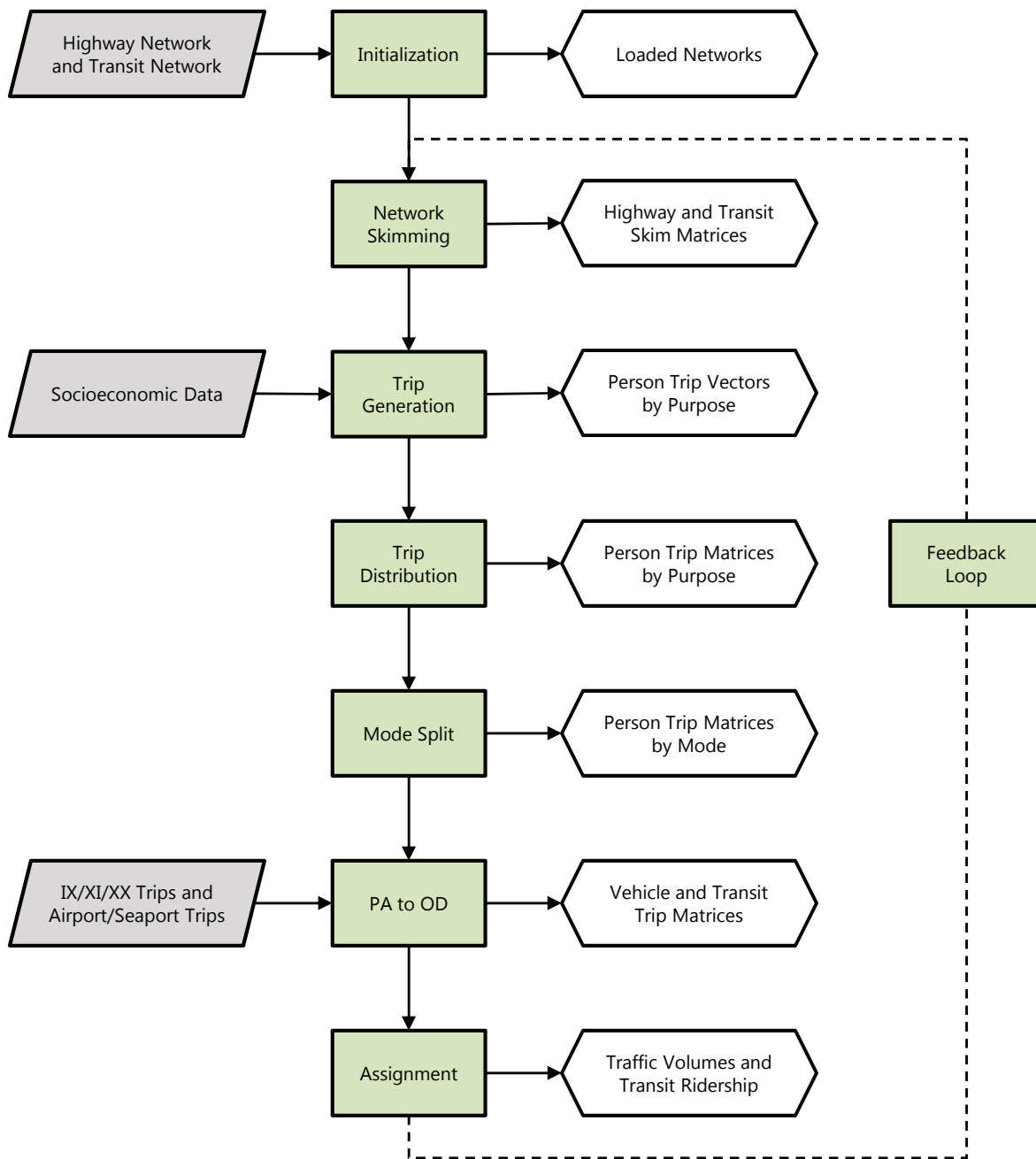
As part of the *Infill and Complete Streets - Capturing VMT Impacts and Benefits to CEQA* Project with the Department of City Planning, the model is being updated citywide for the first time since the model was originally developed. The purpose of the Infill and Complete Streets Project is to develop new impact review guidelines to apply to development projects. Transportation impacts will be quantified through a new vehicle miles travelled (VMT) metric in accordance with Senate Bill 743 and the City's *Mobility Plan 2035*. The revised CEQA guidelines and the City's Plan will support infill development, affordable housing, mixed land use projects, Travel Demand Management (TDM) strategies and Complete Streets infrastructure projects.

This update to the City's model provides an opportunity to calibrate and validate specific components of the model integral to the Infill and Complete Streets Project. The following were the major focus areas during the model update process:

- Maintain vertical consistency with the 2016 SCAG RTP/SCS model
- Increase zonal detail across the City of Los Angeles
- Incorporate Big Data (such as cell phone and GPS data) into the trip distribution validation to improve VMT estimation at smaller geographic analysis zones
- Rebuild a majority of the transit route system using General Transit Feed Specification (GTFS) data from major transit operators
- Update the highway network to reflect major arterial and freeway construction projects
- Use Automated Traffic Surveillance and Control (ATSAC) loop volume data to collect traffic counts from several months for validation
- Include transit performance validation statistics including system ridership by mode and carrier

MODEL OVERVIEW

The City of Los Angeles was originally developed in TransCAD Version 4.8 Build 500 using the structure of the 2008 SCAG RTP model. As part of the update process, the City's model was upgraded to run in TransCAD Version 7.0 Build 12410, but maintains the structure of the 2008 SCAG RTP model. The model utilizes a conventional 4-step process consisting of trip generation, trip distribution, mode split, and assignment. The stages of the model, as well as key inputs and outputs are shown in the flow chart in Figure 1.



Legend

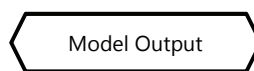
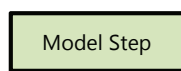
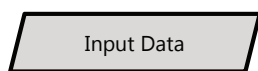


Figure 1
Model Structure

Each time the model runs, it steps through the following stages:

- *Initialization*: travel speeds and link capacities (as well as other necessary variables) are calculated for the highway network by facility type and area type
- *Network skimming*: travel costs (including time, distance, and monetary cost) are calculated for each zonal pair for all travel modes (automobile, transit, and non-motorized)
- *Trip generation*: daily person trips are generated for each zone using socioeconomic data
- *Trip distribution*: the attraction zone for each person trip is determined using travel costs
- *Mode split*: specific travel modes (drive-alone, shared-ride, bus, rail, walk, or bike) are calculated for each person trip
- *PA to OD*: production-attraction (PA) person trip matrices are converted into origin-destination (OD) vehicle trip matrices and divided into four times periods (AM, midday, PM, and nighttime); heavy duty truck trips are calculated and airport and seaport trips are added to the OD matrices
- *Assignment*: vehicle trips are loaded onto the highway network and transit person trips are assigned to individual transit routes

The majority of the stages in the model (except for vehicle assignment) calculate results for two periods: peak and off-peak. These peak period includes the 3-hour AM peak (6:00 to 9:00 AM) and 4-hour PM peak (3:00 to 7:00 PM), while the off-peak period includes the 6-hour midday (9:00 AM to 3:00 PM) and the 11-hour nighttime (7:00 PM to 6:00 AM). The peak and off-peak periods can be combined to estimate a daily total. The model also includes a feedback process that uses the outputs from the highway assignment as inputs into the network skimming stage, before running through all stages of the model again.

A detailed listing of the input files, output files, and default parameters for each stage of the model are included in Appendix A. The appendix also includes a table showing the steps that run during each stage and feedback loop, as well as the completion times for each step. Additional information on the structure and development of the 2008 SCAG RTP model can found in the model development report: *2003 Model Validation and Summary: Regional Transportation Model* (SCAG, January 2008). Additional information on the 2016 SCAG RTP/SCS model can be found in the latest model development report: *SCAG Regional Travel Demand Model and 2012 Validation* (SCAG, March 2016).

BASE YEAR MODEL DEVELOPMENT

The base year of the updated City of Los Angeles model represents 2016 conditions. This section describes how the model inputs were updated, including the highway network, transit network, special generator trip tables, socioeconomic data, and traffic analysis zones.

TRAFFIC ANALYSIS ZONES

Socioeconomic data and other information used in the model are contained in geographically defined areas known as Transportation Analysis Zones (TAZs). These zones provide the spatial unit within which travel behavior and trip generation are estimated. The TAZ system in the 2016 version of the City of Los Angeles model was developed from the Tier 1 TAZ system in the 2016 SCAG RTP/SCS model. The Tier 1 zone system is consistent with the zone system in the 2008 SCAG RTP model and contains 4,109 internal land use zones. These zones were adjusted as follows to create 4,024 internal land use zones in the updated City model:

- 2,045 SCAG TAZs in the primary model area disaggregated to 4,017 TAZs
- 431 SCAG TAZs adjacent to the primary model area aggregated to 7 TAZs
- 1,633 SCAG TAZs in outlying areas removed for the City of Los Angeles model

The primary model area was determined using two different criteria. The first criteria used trip distribution information from Streetlight Data (which aggregates travel behavior information from cell phones and GPS units) to ensure that a high percentage of trips associated with the City of Los Angeles were contained within the primary model area. The second criteria was that zones adjacent to transit routes that serve the City of Los Angeles were included. As shown in Figure 2, the primary model area includes 74 of the 88 cities in Los Angeles County and captures 97% of trips starting or ending in the City of Los Angeles. The large aggregated zones in Ventura County and northern Los Angeles County capture 2% of trips to or from the City of Los Angeles. The zones that were removed account for less than 1% of trips associated with the City of Los Angeles.

Within the primary model area, TAZs were disaggregated to a level consistent with the existing network detail in the model. Using the SCAG Tier 1 TAZ boundaries as a starting point, TAZs were split into smaller zones in the updated City of Los Angeles model to prevent freeways and arterials from travelling through zones. In situations where making these edits would result in extremely small zones with little or no land use, no changes were made. SCAG Tier 1 TAZ boundaries were also edited to be consistent with City of Los Angeles borders and City of Los Angeles Community Plan Areas. Each new, disaggregated TAZ fits fully

within a City of Los Angeles Community Plan Area (CPA) and does not cross a CPA boundary. The updated TAZ boundaries follow major roadways, rail lines, and physical/manmade barriers. Smaller TAZs consistent with the scale of network detail improve the model forecasts by more accurately representing the time it takes to access the highway and transit networks as well as the locations where people access the networks.

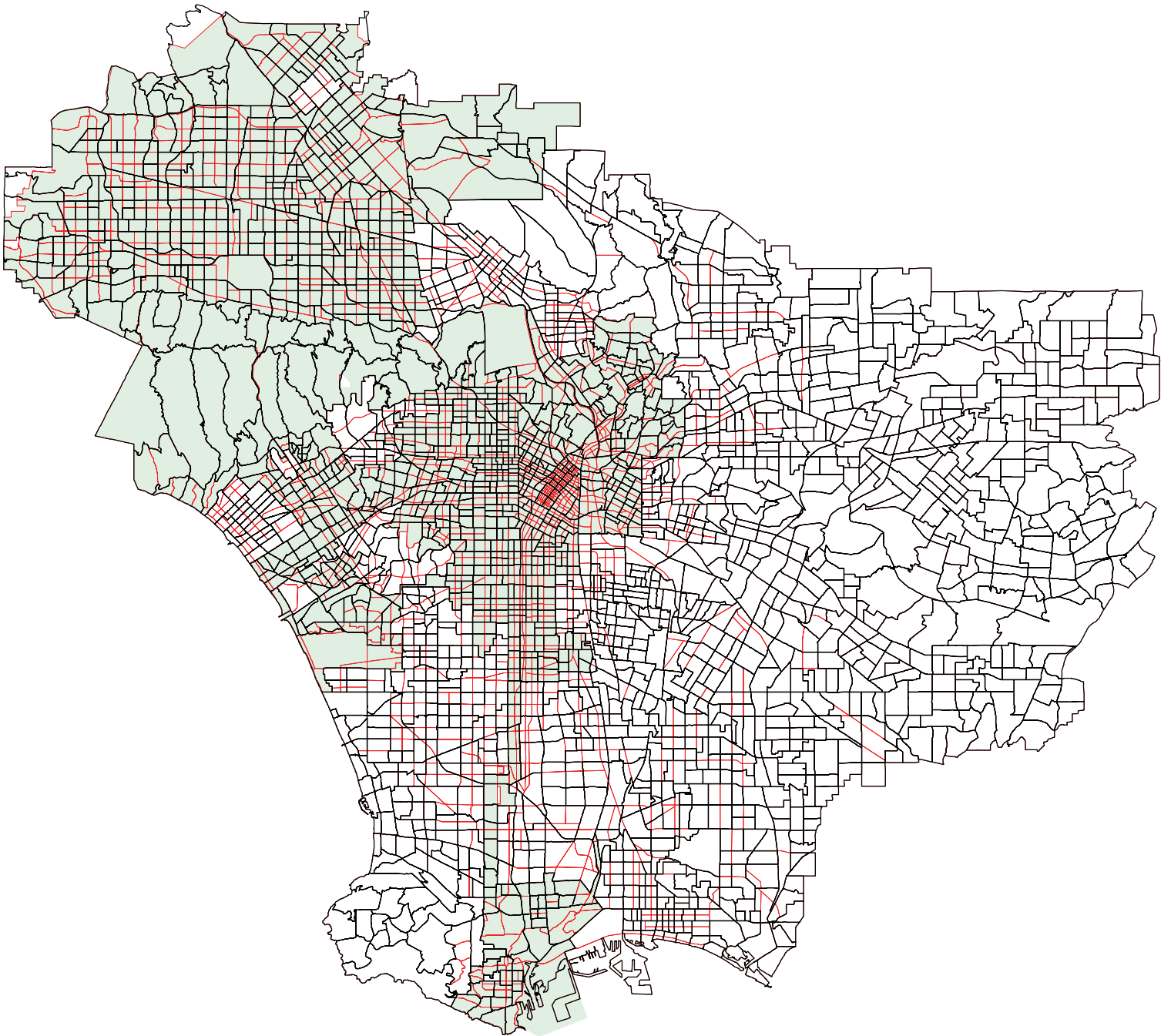
The SCAG RTP model represents the City of Los Angeles with approximately 900 TAZs. These zones were disaggregated into approximately 1,400 zones in the 2008 version of the City of Los Angeles model and further disaggregated to 2,250 zones in the 2016 version of the model. Overall, the updated version of the City of Los Angeles model includes approximately 1,300 more internal land use zones than the 2008 version of the model. Figure 2 also shows the SCAG TAZ boundaries as well as the disaggregated zones for the updated model. Table 1 summarizes the differences between the zone systems.

TABLE 1 TAZ SYSTEM

Category	City of Los Angeles Model	2016 SCAG RTP/SCS Model
Internal Land Use Zones	4,024	4,109
Spare Zones	85	0
External Zones	40	40
Airports	12	12
Seaports	31	31

In addition to internal land use zones, the City of Los Angeles model includes spare, or empty, TAZs that can be used to disaggregate TAZs for subsequent studies without having to aggregate TAZs outside the study area. The number of zones representing special generators (external gateways, airports, and seaports) is consistent between the City of Los Angeles model and the 2016 SCAG RTP/SCS model.

TAZs are connected to the highway and transit networks using centroid connectors that represent local and neighborhood streets. The location and number of connectors have a significant impact on how traffic is assigned to the network. The majority of connectors in the SCAG RTP model connect at the nearest intersection rather than at mid-block locations where local streets typically connect to collectors and arterials. In the updated City of Los Angeles model, the number and placement of centroid connectors was modified for all TAZs to better reflect the location of local streets and how they interact with collector and arterial roadways.



Legend




-  City of Los Angeles
-  Los Angeles TAZs
-  SCAG Tier 1 TAZs



Figure 2
Traffic Analysis Zone System

SOCIOECONOMIC DATA

The SCAG RTP trip generation model uses socioeconomic data (population, households, and employees) as inputs to estimate person trips. The model uses the following 53 variables, including distributions, which are estimated for each TAZ:

- Total population, and
 - Population by type (residential and general quarters)
 - Population by age (5-17, 18-24, 16-64, and 65+)
- Total households, and
 - Households by size (1, 2, 3, and 4+)
 - Households by age of householder (18-24, 25-44, 45-64, and 65+)
 - Households by number of workers (0, 1, 2, and 3+)
 - Households by income (\$0-\$35k, \$35-\$75k, \$75-\$150k, and \$150k+)
 - Households by number of college students (0, 1, and 2+)
 - Households by number of children (0, 1, 2, and 3+)
- Workers by earning level (\$0-\$35k, \$35-\$75k, \$75k+)
- K12 students
- College students
- Total employees, and
 - Employees by wage level (\$0-\$35k, \$35-\$75k, \$75k+)
 - Employees by industry (13 categories)

The employment by industry is categorized into 13 sectors based on the North American Industry Classification System (NAICS) code definitions: 1) agriculture and mining, 2) construction, 3) manufacturing, 4) wholesale trade, 5) retail trade, 6) transportation, warehousing, and utility, 7) information, 8) financial activities, 9) professional and business services, 10) education and health services, 11) leisure and hospitality services, 12) other services, and 13) public administration. Detailed information on how all of the socioeconomic variables are developed can be found in the most recent SCAG model development report.

The socioeconomic data in the City of Los Angeles model is consistent with the 2016 Plan scenario from the 2016 SCAG RTP/SCS. Table 2 summarizes the totals for the socioeconomic variables for the City of Los Angeles, the entire City of Los Angeles model, and the entire SCAG RTP model. The City of Los Angeles contains approximately 25% of the households and employment within the SCAG region, while the City of Los Angeles model contains approximately 65%.

TABLE 2 2016 SOCIOECONOMIC DATA

Category	City of Los Angeles	City of Los Angeles Model	2016 SCAG RTP/SCS
Population	3,931,082	11,074,559	18,859,864
Households	1,383,373	3,695,403	6,146,615
K12 Students	607,984	1,925,550	3,429,778
College Students	277,447	733,683	1,234,194
Employees	1,797,873	4,889,900	7,971,327

The socioeconomic data was disaggregated for the City of Los Angeles model using a two-step process. The first step used geographic information system (GIS) software to compute the percentage by area of each disaggregated TAZ of the original TAZ. The second step used aerial photography, field observations, and work on other projects to further refine the disaggregation percentages by households, schools, and employment. Several checks were used to ensure that the total socioeconomic data in the disaggregated TAZs matched the data in the original TAZ and control totals provided by the City of Los Angeles. Appendix B details 2016 socioeconomic data within each Los Angeles Community Plan Area (CPA).

TRIP TABLES

In addition to the socioeconomic data for each of the internal land use zones, the SCAG RTP model also includes matrices with vehicles trips already calculated for external gateways in the model as well as airports and seaports. The trips at the external gateways include three types of trips: internal to external zones (IX), external to internal zones (XI), and external to external zones (XX). The airport and seaport trips represent trip activity that is not generated by any land uses associated with socioeconomic data in that zone. Table 3 summarizes the total daily vehicle trips associated with the external zones and ports. The trips are estimated separately for light- and medium-duty vehicles (LMV) and heavy duty trucks (HDT).

TABLE 3 EXTERNAL AND SPECIAL GENERATOR TRIPS

Category	Light- and Medium-duty Vehicles	Heavy-duty Trucks	Total Vehicles
External	616,340	90,611	706,951
Airport	156,107	6,584	162,691
Seaport	0	68,544	68,544

The City of Los Angeles model produces over 25 million daily vehicle trips, so the trips shown in Table 3 represent less than 4% of all daily trips. As shown in Table 1, the City of Los Angeles model uses the same external zones and ports as the 2016 SCAG RTP/SCS model. These vehicle trips were aggregated and disaggregated using the same factors that were used to adjust the socioeconomic data.

HIGHWAY NETWORK

The highway network in the City of Los Angeles model contains a limited number of primary attributes necessary to run the model. These include:

- Directionality (1-way versus 2-way)
- Facility type (based on the Federal Highway Functional Classification System)
- Posted speed limit
- Number of lanes (by time period, including parking restrictions)
- Vehicle restrictions (HOV only, transit only, or trucks prohibited)
- Area type (based on development density and other land use characteristics)

The free-flow speeds and link capacities (as well as other network attributes) are determined via lookup tables based on facility type, area type, posted speed, and number of lanes. The lookup tables in the City of Los Angeles model were updated to be consistent with the tables from the 2016 SCAG RTP/SCS. More information on these tables can be found in the SCAG model development report. Additional details on the individual steps that determine the free-flow speeds and capacities are included in Appendix C.

The 2008 version of the City of Los Angeles model included substantial edits to the 2003 highway network from the 2008 SCAG RTP model. The highway network within the City of Los Angeles was refined by reviewing the Circulation Plans for each of the current Community Plan Areas within the City and including all roadways at the collector level and higher. Where appropriate, local streets were included. The additional network detail added approximately 360 centerline miles to the model.

Edits were also required to update the highway network to 2016 conditions. The major projects that were completed since the development of the previous version of the model were installing HOV lanes on I-5 and I-405 and converting existing HOV lanes to Express Lanes on I-10 and I-110. In addition to these projects, all of the freeway facilities within the model area were reviewed to ensure that the correct number of lanes and interchange and ramp configurations were consistent with existing conditions. The arterial roadway network was also reviewed to ensure the correct number of lanes and peak period parking restrictions for locations where improvement projects have occurred.

TRANSIT NETWORK

The transit network in the City of Los Angeles model includes service provided by over 30 carriers across Los Angeles, Ventura, and Orange Counties. The transit modes represented in the model include local bus, rapid bus, express bus, light rail, heavy rail, and commuter rail. The transit network is defined by routes which travel on the highway network and on exclusive transit-ways, which may or may not be grade-separated. The primary inputs necessary for each route are the mode and the average peak and off-peak headways. Individual transit stops, where necessary, were coded as Park and Ride lots to allow drive access to the transit route in addition to walk access.

Transit boarding fares, except for commuter rail service, are defined by transit mode in the model. Table 4 shows the modes and boarding fares included in the updated model. The predominant carrier(s) within each model in the City of Los Angeles model are also shown for reference. The fares were determined using the latest average fare collected per unlinked trip by mode, as reported by agencies to the Federal Transit Administration's (FTA) 2014 National Transit Database (NTD). Transfer fares between these modes were also updated based on the fares shown in Table 4. The commuter rail system uses a zonal fare system with 60 zones and is consistent with the fares in the 2008 SCAG RTP model.

Since the 2008 version of the City of Los Angeles model was developed, the following major transit projects and system revisions have been implemented that effect bus service in the model area:

- Metro Rapid Bus service expansion and Express Bus service reduction
- Metro Silver Line service on the El Monte and Harbor Gateway Busways
- LADOT Commuter Express expansion
- Santa Monica Big Blue Bus system-wide service realignment
- Foothill Transit Silver Streak and Express Bus service

TABLE 4 TRANSIT MODES AND FARES

Mode	Description	Carrier(s)	Fare
10	Commuter Rail	Metrolink	Zonal
11	Metro Local Bus	Metro	\$0.70
12	Metro Express Bus	Metro	\$0.70
13	Metro Urban Rail	Metro	\$0.70
14	Los Angeles County Express Bus	Antelope Valley and LADOT	\$2.00
15	Los Angeles County Local Bus 1	Foothill Transit and Montebello	\$1.10
16	Los Angeles County Local Bus 2	Culver City, Santa Monica, and Long Beach	\$0.70
17	Los Angeles County Local Bus 3	LADOT	\$0.35
18	Los Angeles County Local Bus 4	Commerce	\$0.00
19	All Other Local Bus	Ventura and OCTA	\$1.00
20	All Other Express Bus	OCTA	\$2.30
22	Metro Rapid Bus	Metro Rapid	\$0.70

In order to incorporate the changes to the transit networks listed on the previous page, along with other adjustments and service pattern changes, the most recently available GTFS data was used to import transit routes and calculate headways for major carriers within the City of Los Angeles model area. For the following carriers all local, rapid, and express bus routes were imported and aligned with the highway network using TransCAD's GTFS import tool. The number in parentheses is the number of imported routes.

- Los Angeles County Metro (357 routes)
- LADOT DASH (59 routes)
- LADOT Commuter Express (27 routes)
- Santa Monica Big Blue Bus (38 routes)
- Culver City Transit (16 routes)
- Foothill Transit (68 routes)
- Long Beach Transit (70 routes)

Overall, 635 transit routes and service variations were imported from the GTFS data. The route patterns were visually inspected after the import process to ensure proper alignments near freeway ramp interchanges, park and rides, transit centers, grade-separated streets, and other locations with complicated network

geometry. Separate peak and off-peak transit routes were coded for any service patterns that varied significantly throughout the day. In addition to the routes imported from the GTFS data, the following transit routes were individually updated or added to the model:

- Metro Expo Phase I in 2012 (from Downtown Los Angeles to Culver City)
- Metro Gold Line Eastside Extension Phase I in 2009 (from Union Station to Atlantic Station)
- Metro Orange Line Chatsworth Extension 2012 (from Warner Center to Chatsworth)
- Metro Silver Line in 2009 and 2015 (from San Pedro to El Monte)
- Wilshire Boulevard AM and PM peak period bus-only lanes (various segments)
- Figueroa Street AM and PM peak period northbound bus-only lane (from 23rd Street to 5th Street)
- Sunset Boulevard AM and PM peak period bus-only lanes (from Figueroa Street to Vin Scully Avenue)
- Spring Street northbound bus-only lane (from 1st Street to Cesar Chavez Avenue)

Parallel transit-only links were added to the highway network to model bus-only lanes on Wilshire Boulevard, Figueroa Street, Subset Boulevard, and Spring Street. The City of Los Angeles model includes a total of 878 transit routes. These routes represent the transit service that was operational in March 2016. The Metro Expo Phase II and Gold Line Phase II extensions were not included since both had just opened and ridership data was not available when the model was being validated.

CALIBRATION AND VALIDATION

The updated base year of the City of Los Angeles model was validated to 2016 conditions using data from the 2016 SCAG RTP/SCS model, StreetLight (cell phone and GPS data), Highway Performance Monitoring System (HPMS), vehicle loop detectors, and major transit providers in Los Angeles County. This section describes the calibration and validation of the each step in the model: trip generation, trip distribution, mode split, and assignment.

TRIP GENERATION

The trip generation model estimates daily person trips for an average weekday within each TAZ in the model. Production trips are estimated using a cross-classification model and attraction trips are estimated using a linear regression model. The model estimates peak and off-peak trips for the following purposes:

- Home-based work (HBW)
- Home-based school (HBSC)
- Home-based college and university (HBCU)
- Home-based shopping (HBSH)
- Home-based social-recreational (HBSR)
- Home-based serving-passenger (HBSP)
- Home-based other (HBO)
- Work-based other (WBO)
- Other-based other (OBO)

More information on these purposes can be found in the SCAG model development report. HBW trips are divided into two categories: direct trips between home and work and strategic trips with an intermediate stop between home and work.

The trip production model cross-classifies the households in each TAZ across the distributions described in the Socioeconomic Data section. Each of the trip purposes uses different variables to cross-classify the households and individual trip rates are developed for each combination. Table 5 shows the variables that are used to generate person trips for each trip purpose in the model. Before the trip production model is run, a separate vehicle availability model is run to determine the number of vehicles per household.

TABLE 5 PERSON TRIP PRODUCTION MODEL STRUCTURE

Cross-classification Variable	HBW	HBSC	HBCU	HBSH	HBSR	HBSP	HBO	WBO	OBO
Number of household members	X			X	X	X	X	X	X
Age of householder	X								
Number of workers	X							X	
Annual household income			X	X	X	X	X	X	X
Number of vehicles				X	X	X	X		X
Number of college students			X						
Number of children		X							

The trip attraction model is based on a multivariate linear regression analysis. Table 6 shows the variables that are used to estimate the trip attractions for each TAZ for each purpose in the model. Employment categories not listed in the table below but included in the socioeconomic data are used in the Heavy Duty Truck model.

TABLE 6 PERSON TRIP ATTRACTION MODEL STRUCTURE

Linear Regression Variable	HBW	HBSC	HBCU	HBSH	HBSR	HBSP	HBO	WBO	OBO
Households								X	X
Residential population					X	X	X		
K12 students		X							
College students			X						
Total employees								X	X
Employees by wage level	X								
Retail trade				X			X	X	X
Information								X	
Professional & business services								X	
Education & health services						X	X		X
Leisure & hospitality services					X		X	X	X
Other services							X	X	X
Public administration							X		

Trips productions and trip attractions are balanced to ensure that the same number of trip ends are generated for each purpose. All trip types, except for the HBSC and HBCU trips, are balanced to trip productions. The production and attraction trip rates in the City of Los Angeles model are consistent with those in the 2008 SCAG RTP model. In order to match the average person trip per household trip generation rates from the 2016 SCAG RTP/SCS model, adjustment factors were applied to each of the trip purposes. Table 7 summarizes the person trip generation per household within Los Angeles County for both the City of Los Angeles model and the 2016 SCG RTP model.

TABLE 7 DAILY PERSON TRIP GENERATION – LOS ANGELES COUNTY

Purpose	City of Los Angeles Model		2016 SCAG RTP/SCS Model	
	Trips per Household	Percent of Trips	Trips per Household	Percent of Trips
HBW	2.1	18%	1.9	18%
HBNW	6.0	52%	5.7	53%
NHB	3.4	29%	3.1	29%
TOTAL	11.4	100%	10.7	100%

The home-based non-work (HBNW) category includes HBSC, HBCU, HBSH, HBSR, HBSP, and HBO trips. The non-home-based (NHB) category includes WBO and OBO trips. The overall trip generation in the City of Los Angeles model is approximately seven percent greater than the trip generation in the 2016 SCAG RTP/SCS model. The number of person trips was slightly increased in order to validate the transit ridership and vehicle assignment models, while still maintaining consistency with the regional model. The distribution of trips by purpose is consistent with the SCAG model.

TRIP DISTRIBUTION

The trip distribution model estimates the number of trips by trip purpose that travel between TAZs. The trips are estimated as a function of the travel impedance from one zone to another using a traditional gravity model. A gravity model apportions the trips produced at each production zone among the attraction zones according to the attractiveness and disutility of travel between each zone pair. This application is doubly constrained, which means that the model will iterate until the trips produced from and attracted to each zone are consistent with the outputs from the trip generation model. The impedance or friction factor curves in the City of Los Angeles model are consistent with the curves in the 2008 SCAG RTP model.

The trip distribution model was further calibrated using information on travel behavior provided by StreetLight Data. StreetLight is a data analytics company which uses anonymized data from millions of

internet-connected devices (including cell phones and GPS navigation units) to provided aggregated information on travel origins and destinations across a large region. The City of Los Angeles model area was divided into over 60 regions for which StreetLight data was collected. Figure 3 shows how the TAZ system was aggregated to collect data.

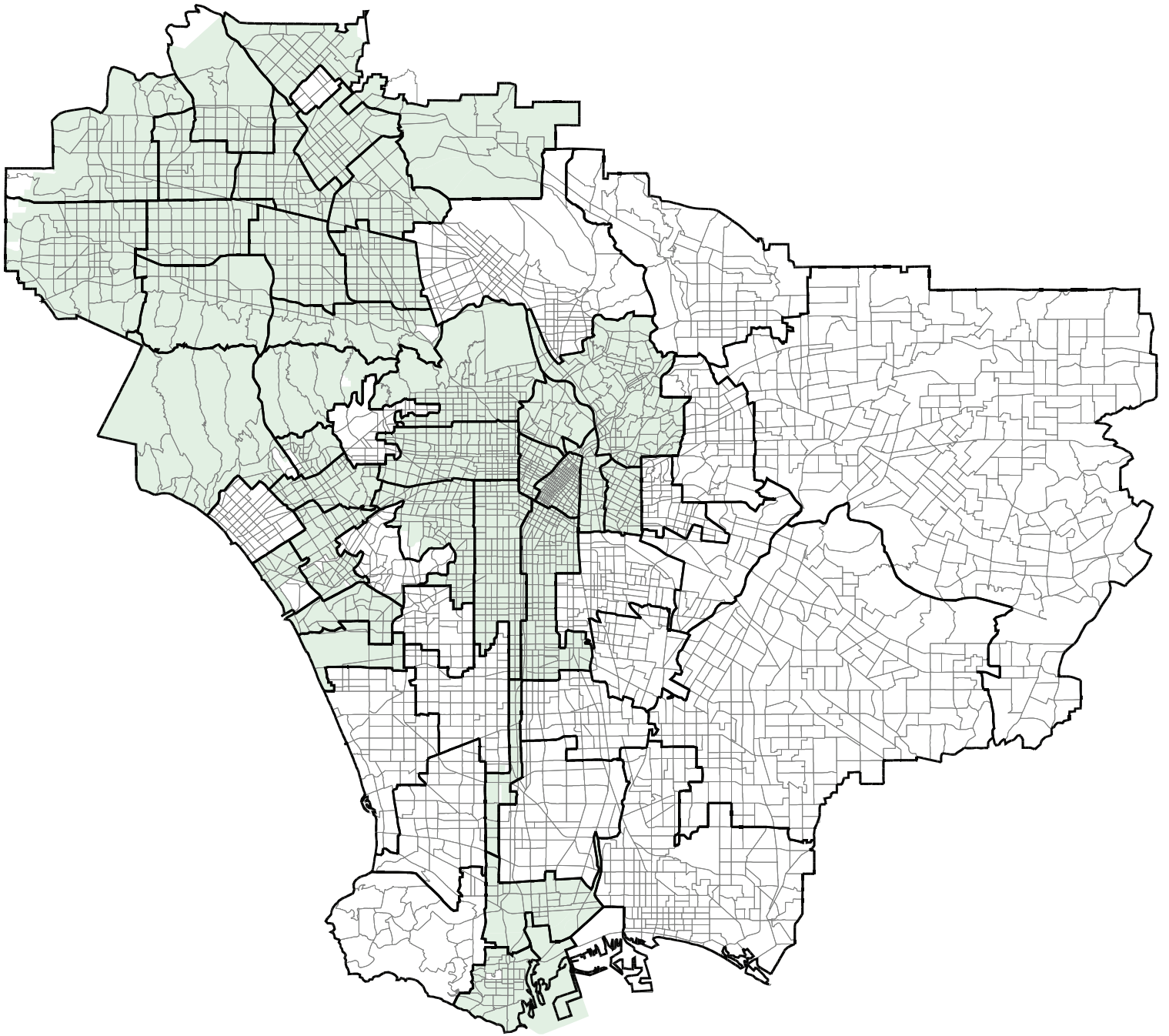
Within the City of Los Angeles, the StreetLight zone boundaries are consistent with the Community Plan Area boundaries. The StreetLight data provides the distribution of origin and destination pairs for all light- and medium-duty vehicle trips made on an average weekday (Tuesday through Thursday) in 2015. This data was compared with the light- and medium-duty vehicle trip output matrices from the City of Los Angeles model. While the total number of trips produced by a zone is not comparable, the relative distribution of destinations can be compared.

An adjustment matrix, typically referred to as a k-factor matrix, was developed to calibrate the output from the gravity model to more closely match the results observed in the StreetLight data. K-factors were applied at the StreetLight zone level and represent undefined socioeconomic linkages not otherwise incorporated in the gravity model. The StreetLight data indicated the model was over predicting the average trip lengths. The k-factor adjustments increased the likelihood of shorter vehicle trips occurring between neighboring zones. Maps showing the differences between the final model trip distribution and StreetLight distribution are included in Appendix D for each of the Community Plan Areas in the City of Los Angeles.

Table 8 compares the results from the person trip distribution model for trips originating within Los Angeles County from the City of Los Angeles model and the 2016 SCAG RTP/SCS model. The average trip duration and trip distance for different purposes are shown.

TABLE 8 DAILY PERSON TRIP DISTRIBUTION – LOS ANGELES COUNTY

Purpose	City of Los Angeles Model		2016 SCAG RTP/SCS Model	
	Trip Duration (min)	Trip Distance (mi)	Trip Duration (min)	Trip Distance (mi)
HBW	22.8	10.1	25.6	13.3
HBNW	15.2	7.0	16.1	8.3
HBSC	9.4	4.5	8.1	4.3
NHB	16.5	8.3	15.1	7.7
TOTAL	16.9	7.9	17.4	9.0



Legend




-  City of Los Angeles
-  Los Angeles TAZs
-  StreetLight Zones



Figure 3
StreetLight Data Collection Regions

Overall, the trip distribution model for the City of Los Angeles produces shorter trips when compared with the SCAG regional model, but longer trips when compared with the StreetLight cell phone and GPS data. The regional model is developed from a relatively small sample of household travel survey diaries while the StreetLight data is aggregated from data provided from a large sample of internet-connected devices. The StreetLight data sample may not be as representative of the regional population as the household survey respondents, since the only people who have access to, and routinely use, GPS devices are included. However, the StreetLight data still represents the best available large data source for vehicle trip distribution information. The number of devices used to develop the trip distribution estimates is several orders of magnitude larger than the number of household survey respondents. It is difficult to determine which data source better reflects the actual travel behavior patterns of residents of Los Angeles County since both have limitations. And it is reasonable to expect that the City of Los Angeles may have travel characteristics that differ from the aggregated durations and distances regionwide. Comparing the model results with StreetLight data in Appendix D shows that the model reasonably identifies the most popular destinations from each Community Area Plan. Compared with the regional model, the City of Los Angeles model produces five to ten percent shorter trips; compared with the StreetLight data, the model produces five to 10% longer trips. Given the information provided by the two data sources, the trip distribution model was calibrated to the average of these two options.

MODE SPLIT

Mode split is the process of taking the zone-to-zone person trips by purpose from the trip distribution model and determining how many of those person-trips are made by the various travel modes: auto (drive alone or shared ride), transit (walk or drive access and walk or drive egress), and non-motorized (walk or bike). Table 9 shows the modes that are included in the mode split model. A full explanation of the variables and structure of the constrained nested logit model is available in the 2008 SCAG Model Development Report.

For the City of Los Angeles model, the modal constants were iteratively adjusted until the modal split percentages were consistent with the 2016 SCAG RTP/SCS model. The comparison between the two models is shown in Table 10.

TABLE 9 TRAVEL MODES

Travel Mode Category	Mode	Submodes
Auto Modes	Drive Alone	-
	Shared Ride 2 People	-
	Shared Ride 3+ People	-
Transit Modes	Local Bus	Walk or Drive Access & Walk Egress
	Express Bus	Walk or Drive Access & Walk Egress
	Urban Rail	Walk or Drive Access & Walk Egress
	Commuter Rail	Walk or Drive Access & Walk or Drive Egress
School Bus	School Bus	-
Non-motorized Mode	Walk	-
	Bike	-

TABLE 10 DAILY PERSON MODE SPLIT – LOS ANGELES COUNTY

Purpose	City of Los Angeles Model				2016 SCAG RTP/SCS Model			
	Drive Alone	Shared Ride	Transit	Walk & Bike	Drive Alone	Shared Ride	Transit	Walk & Bike
HBW	73%	13%	8%	6%	74%	14%	8%	5%
HBNW	29%	56%	0%	15%	29%	55%	2%	14%
HBSC	11%	55%	3%	31%	9%	55%	6%	29%
NHB	44%	45%	0%	11%	43%	44%	2%	10%
TOTAL	40%	45%	2%	14%	40%	44%	3%	13%

HIGHWAY ASSIGNMENT

Highway assignment is the process of loading trips onto the highway network to estimate traffic volumes, congested speed, VMT, and vehicle hours travelled (VHT) for each of the four travel periods (AM, midday, PM, and nighttime). The assignment results from the four periods are summed to produce average daily traffic volumes, VMT, and VHT estimates.

Before the highway assignment procedure is performed, the person trips from the mode split model are converted to vehicle trips and distributed to the four assignment periods. Time of day factors were

developed from the traffic counts used for the highway assignment validation. This step (PA to OD) also transforms the production-attraction (PA) matrices to origin-destination (OD) matrices. By definition, the home-based end of any trip is considered the production end. The time of day factors determine the appropriate origin and destination of each trip. For example, during the AM period most HBW trips will start at the residence and end at the place of employment. The opposite pattern is true for the PM period.

The vehicle trips generated by the model up to this point only include light- and medium-duty vehicles. A separate heavy-duty truck model, which includes truck-specific trip generation and trip distribution, is run during the PA to OD stage. The heavy-duty truck model was not modified or calibrated during development of the City of Los Angeles model. More information on the PA to OD stage and heavy-duty truck model can be found in the 2008 SCAG Model Development Report.

The final matrices for the highway assignment are created by summing the LMV trips matrices, HDT matrices, airport and seaport vehicle and truck trip matrices, and external vehicle and truck trip matrices. The highway assignment simultaneously loads six classes of vehicles (drive alone, shared ride 2, shared ride 3+, light HDT, medium HDT, and heavy HDT) onto the highway network until an equilibrium solution is obtained.

VALIDATION CRITERA

The validation of the highway assignment model is based on how closely the resulting assignment volumes match observed traffic volumes. The guidelines for validation are taken from the 2010 *California Regional Transportation Plan Guidelines* (California Transportation Commission, 2010), which incorporated relevant guidance from *Travel Forecasting Guidelines* (Caltrans, 1992) and *Model Validation and Reasonableness Checking Manual* (Travel Model Improvement Program, FHWA, 1997). The following metrics should be met to ensure the travel model is reasonably approximating observed travel behavior:

- At least 75% of the roadway links for which counts are available should be within the maximum desirable deviation, which ranges from 15% to 60% (the larger the volume, the less deviation permitted)
- All of the roadway screenlines should be within the maximum desirable deviation, which ranges from 15% to 64% (the larger the volume, the less deviation permitted)
- The 2-way sum of the volumes on all roadway links for which counts are available should be within 10% of the count volume
- The correlation coefficient between the volumes on all roadway links for which counts are available and the observed counts should be greater than 0.88
- The percent root mean square error (RMSE) should be less than 40%

The correlation coefficient estimates the overall level of accuracy between observed traffic counts and the estimated traffic volumes from the model. These coefficient ranges from 0 to 1, where 1.0 indicates that the model perfectly fits the data. The percent RMSE is the average of all the link-by-link percent differences, and it is an indicator on how far the model volumes are away from counts expressed as a percent. It is a measure similar to standard deviation in that it assesses the accuracy of the entire model.

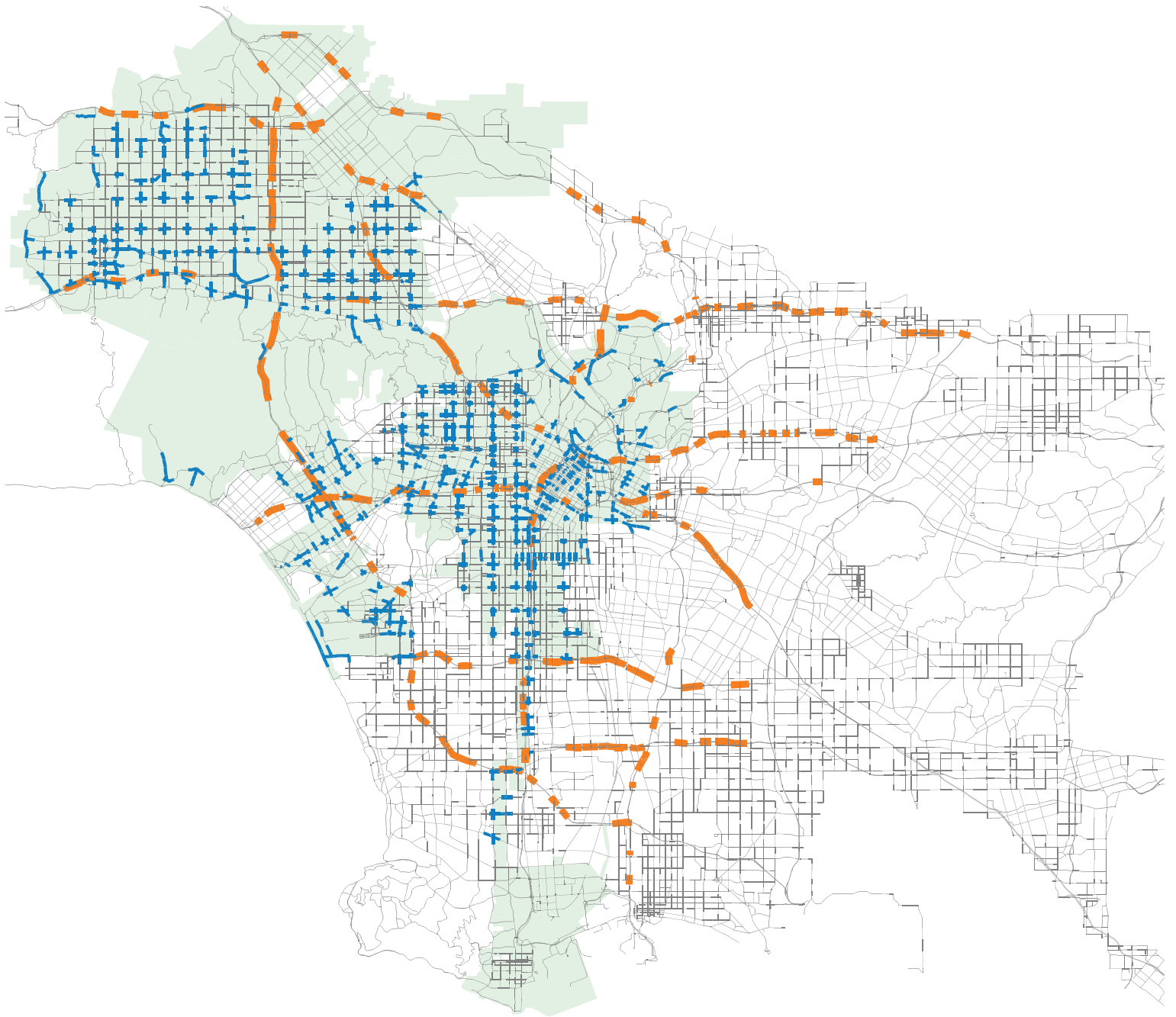
TRAFFIC COUNTS

The traffic volumes that were used to validate the highway assignment model were developed from Caltrans and LADOT loop detectors embedded in the roadway, which are used to control traffic signals and provide data on network performance. Caltrans data was downloaded from the Performance Measurement System (PeMS) website. LADOT data was downloaded and processed from the ATSAC via the Regional Integration of ITS Projects (RIITS) archive. A discussion of the process developed to calculate volumes from the ATSAC data is included in Appendix E.

A major advantage of estimating volumes from inductive loops is the ability to average results over multiple days and months. Traditionally, traffic counts are collected on a single day and may not represent average travel behavior for a number of reasons including inclement weather, construction activity, holidays, or local special events. While many of these can be controlled for when selecting a day to collect data, there is still a natural variation in traffic volumes (up to 20%) on a daily basis. Using loop data can mitigate this concern by using data collected over many days. The following criteria was used to filter the available loop data before calculating average hourly volumes:

- February through May 2016
- Tuesday, Wednesday, or Thursday
- Minimum of nine days of data reported
- Volume data reported for every hour
- Over 75% of data is observed (not estimated) for each hour

The subset of validation locations for the model were selected from all locations where loop data was available that matched the above criteria. 384 1-directional freeway locations and 1,826 1-directional arterial locations were selected within the model area. These locations are shown in Figure 4. 20 screenlines were also drawn using the arterial segment locations. Screenlines are imaginary boundaries drawn across a street network to determine the total volume crossing the boundary. Screenline accuracy determines whether the volume moving across the model area is consistent with the observed volumes. The screenlines used for validation are shown in Figure 5.

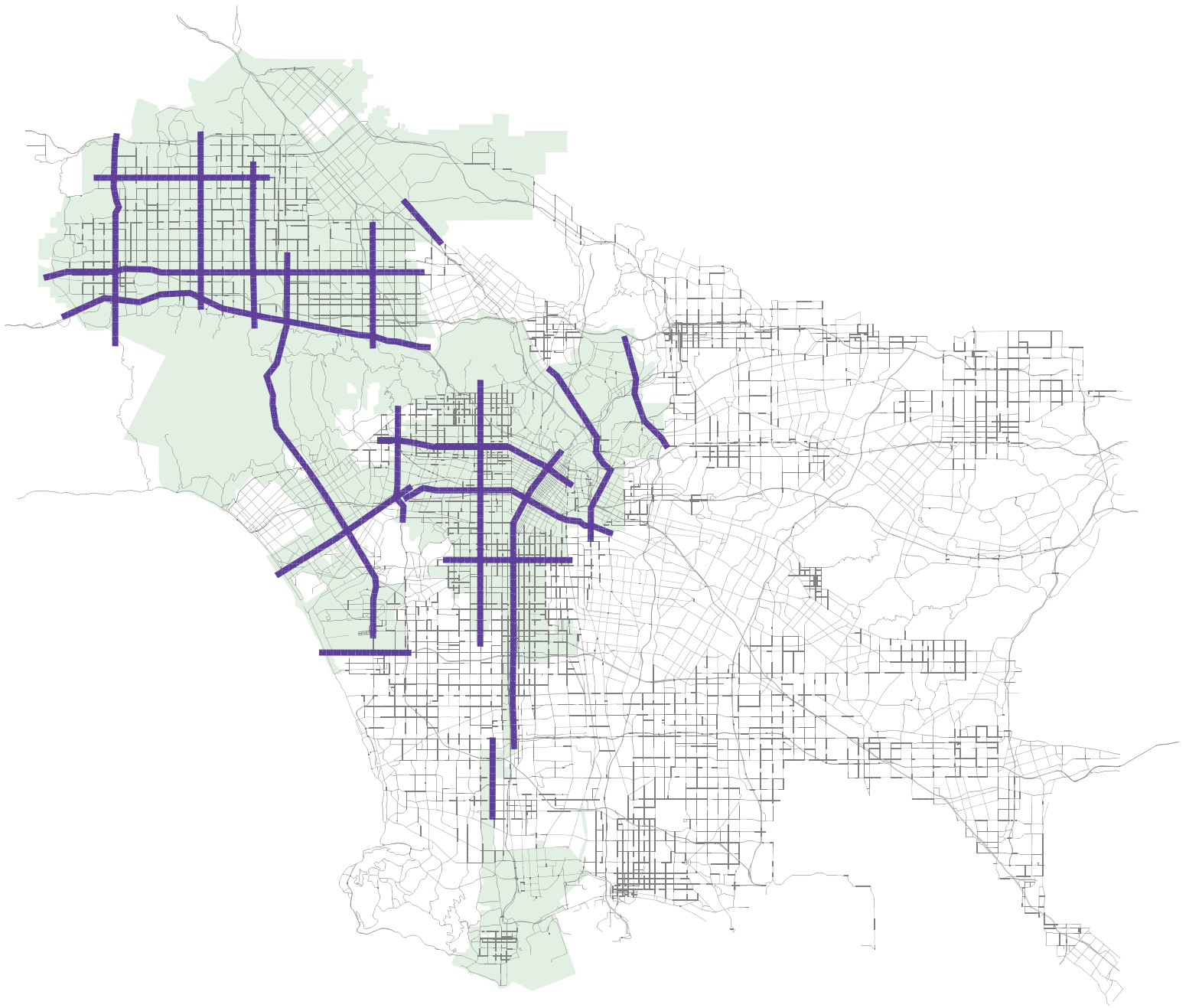


Legend

- City of Los Angeles
- Los Angeles TAZs
- Arterial Locations
- Freeway Locations



Figure 4
Validation Count Locations



Legend




-  City of Los Angeles
-  Highway Network
-  Screenlines



Figure 5
Highway Screenlines

RESULTS

Calibration of the street network included modification of the TAZ access connectors to more accurately represent the location at which traffic accesses local roads; adjustment of speeds from posted speed limits to reflect the attractiveness of the route and the prevailing speed of traffic; and adjustment of capacities to reflect the attractiveness of the route.

Table 11 shows the validation results for the daily, AM peak period, and PM peak period assignments. These time periods were chosen to validate the model since they are the most relevant for the type of projects that the model will be used on. The daily traffic volumes will be used to estimate VMT while the AM and PM peak period models will be used to estimate peak hour traffic volumes and distributions for project impact studies. Detailed validation results are included in Appendix F.

TABLE 11 HIGHWAY ASSIGNMENT VALIDATION RESULTS

Validation Item	Criteria	Daily	AM (6-9AM)	PM (3-7PM)
Links within maximum deviation	At least 75%	81%	76%	76%
Screenlines within maximum deviation	100%	100%	100%	100%
Sum of all links	Within +/- 10%	-4%	-1%	-4%
Correlation coefficient	Greater than 0.88	0.98	0.97	0.97
Percent RMSE	Less than 40%	22%	29%	25%

Based on the results presented in Table 11, the highway assignment exceeds accepted validation criteria.

VEHICLE MILES TRAVELLED

The model estimate of VMT can be compared with estimates prepared by cities and other jurisdictions for the FHWA Highway Performance Monitoring System. The latest data compiled by Caltrans is available in the *2014 California Public Road Data* publication. The HPMS estimates are based on individual traffic counts collected throughout the region and include LMV as well as HDT, and transit vehicles. The HPMS data is the best available resource to estimate regionwide VMT since it is not possible to directly observe this statistic for all roadways within a city or region.

The daily VMT estimates were summarized from the HPMS data for three different areas in Los Angeles County and compared to estimates from the City of Los Angeles model for those same regions. The four areas are 1) the City of Los Angeles, 2) 73 other cities in Los Angeles County in the model area, 3) state highways in Los Angeles County in the model area, and 4) the combined VMT from cities and state highways

in the model area. VMT for roadways in unincorporated areas of Los Angeles County or facilities controlled by other government agencies (US Forest or US Navy, for example) are not included since it is not possible to determine which roadways are within the model area. Table 12 shows the model estimated VMT (calculated using all vehicle types and centroid connectors to represent local roadways) compared with HPMS estimates of VMT. For all areas, the model is within approximately 7%.

TABLE 12 DAILY VEHICLE MILES TRAVELLED

Mode	Model Estimate	HPMS Estimate	Ratio
City of Los Angeles	39,452,000	42,319,000	0.93
Other Cities in Model Area	41,947,000	46,454,000	0.90
State Highways	101,572,000	107,008,000	0.95
Total	182,971,000	195,781,000	0.93

TRANSIT ASSIGNMENT

The transit trips from the mode split models are aggregated by access mode and time period, resulting in four transit trip tables (peak period auto access, peak period walk access, off-peak period auto access, and off-peak period walk access) for the transit network assignment. Each of these four trip tables is assigned separately to the peak and off-peak transit networks. The transit assignment was calibrated by adjusting the logit constants in the mode choice model and modifying headways for individual routes.

The results of the transit assignment process are summarized below in Table 13 by mode and Table 14 by carrier. Results are provided for transit providers with complete coverage in the City of Los Angeles model.

TABLE 13 DAILY TRANSIT BOARDINGS BY MODE

Mode	Estimated Boardings	Observed Boardings	Ratio
Local Bus and Rapid Bus	1,210,454	1,253,501	0.97
Express Bus	36,825	25,950	1.42
BRT, Light Rail, and Heavy Rail	342,107	367,641	0.93
Total	1,589,386	1,647,092	0.96

TABLE 14 DAILY TRANSIT BOARDINGS BY CARRIER

Carrier	Estimated Boardings	Observed Boardings	Ratio
Metro	1,286,090	1,322,048	0.97
LADOT DASH and Commuter Express	50,103	74,059	0.68
Santa Monica Big Blue Bus	78,236	44,180	1.77
Culver City Transit	18,680	17,539	1.07
Long Beach Transit	67,072	91,117	0.74
Foothill Transit	45,674	36,822	1.24

The transit ridership in the model matches the combined ridership for the six major transit providers within the City of Los Angeles model area. Approximately 75% of ridership occurs on local and rapid bus service. The model is overestimating the ridership on express buses, but these trips only represent 2% of total trips. When comparing ridership by carrier, the model estimate of total boardings on service within the City of Los Angeles (Metro and LADOT DASH/Commuter Express) is within approximately 4%. There is more variation on transit providers outside the City of Los Angeles, but the model calibration did not focus as heavily on these areas.

FEEDBACK LOOP

The SCAG 2008 RTP model uses a feedback loop that reruns all stages of the model (trip generation, trip distribution, mode split, and assignment) using the congested travel speeds from the highway assignment as inputs. The initial loop of the model uses free-flow travel speeds since the congested speeds are not available. The highway and transit network skims are each inputs into the trip distribution and mode split models and will produce refined estimates when congested speeds are taken into account.

The appropriate number of feedback loops is determined by comparing the relative change in the peak and off-peak congested network skims. Table 15 shows the RMSE and percent RMSE between each loop when the model is run with 16 feedback loops.

After the fifth feedback loop, the relative change falls below 1% for both the peak and off-peak skim matrices and remains relatively constant for each loop thereafter. The City of Los Angeles uses five feedback loops, which is consistent with the 2016 SCAG RTP/SCS model.

TABLE 15 NETWORK SKIM FEEDBACK LOOP COMPARISON

Loop Comparison	Peak Drive Alone Skim Matrix		Off-peak Drive Alone Skim Matrix	
	RMSE	Percent RMSE	RMSE	Percent RMSE
Loop 1 to Loop 2	11.2	36.3%	4.8	18.3%
Loop 2 to Loop 3	7.7	23.2%	1.4	4.9%
Loop 3 to Loop 4	0.6	1.8%	0.3	1.0%
Loop 4 to Loop 5	0.3	0.9%	0.2	0.6%
Loop 5 to Loop 6	0.2	0.5%	0.2	0.5%
Loop 6 to Loop 7	0.1	0.4%	0.1	0.4%
Loop 7 to Loop 8	0.2	0.5%	0.1	0.4%
Loop 8 to Loop 9	0.2	0.5%	0.1	0.3%
Loop 9 to Loop 10	0.1	0.4%	0.1	0.3%
Loop 10 to Loop 11	0.1	0.2%	0.1	0.3%
Loop 11 to Loop 12	0.1	0.3%	0.1	0.3%
Loop 12 to Loop 13	0.1	0.3%	0.1	0.2%
Loop 13 to Loop 14	0.1	0.2%	0.1	0.3%
Loop 14 to Loop 15	0.1	0.3%	0.1	0.3%
Loop 15 to Loop 16	0.1	0.2%	0.1	0.2%

DYNAMIC VALIDATION

The validation statistics presented up to this point have shown the City of Los Angeles model is capable of recreating a static condition that represents 2016 conditions. However, travel models are used to forecast how a change in the socioeconomic data or transportation network would impact travel behavior. Therefore, another aspect of a model's validity is the ability to predict realistic differences in results as the inputs are adjusted. This is referred to as dynamic validation.

The following dynamic validation tests were selected from those recommended in the same resources that defined the guidelines for the static highway validation: increasing households and employment, increasing fares and frequency for the transit network, and adding and removing capacity on the highway network. The results of these tests are inspected for reasonableness in the direction and magnitude of change.

SOCIOECONOMIC DATA

The trip generation model should produce trips at constant rate when the total households or employment quantities are increased within a TAZ. 10 TAZs were selected across the City of Los Angeles and a range of households and employment was added to measure the corresponding change in person trip generation. The TAZs were selected from five different areas in the City with one consisting only of households (and corresponding population) and one consisting only of employment. None of the selected TAZs included school or college enrollment. These homogenous TAZs were identified to separately test the trip production model (households) and trip attraction model (employment).

The results of trip generation tests are shown in Tables 16 and 17. The initial number of households or employees, person trip generated, and trip rate are shown for each TAZ. The dynamic range shows the marginal trip rate when 50 to 10,000 households or employees are added to each zone.

TABLE 16 PERSON TRIP PRODUCTION DYNAMIC VALIDATION

TAZ Location	Households	Person Trips	Trip Rate	Dynamic Range
Downtown Los Angeles	19	147	7.7	7.7 - 7.7
Westside	459	5,103	11.1	11.1 - 11.2
Warner Center	241	2,891	12.0	12.0 - 12.0
Sun Valley	474	7,048	14.9	14.8 - 14.9
Harbor Gateway	499	5,505	11.0	11.1 - 11.1

TABLE 17 PERSON TRIP ATTRACTION DYNAMIC VALIDATION

TAZ Location	Employees	Person Trips	Trip Rate	Dynamic Range
Downtown Los Angeles	5,869	22,624	3.9	3.8 - 3.9
Westside	5,577	22,625	4.1	4.0 - 4.1
Warner Center	2,864	27,022	9.4	9.5 - 9.7
Sun Valley	2,206	10,349	4.7	4.7 - 4.8
Harbor Gateway	2,840	11,360	4.0	3.8 - 4.0

The dynamic tests increased the total number of household employees in each zone by 1, 10, 50, 100, 1,000, and 10,000 units. The underlying socioeconomic distributions were not adjusted when the additional units were added.

The marginal trip rates when adjusting the number of households or employees were consistent once 50 or more units (households or employees) were added to each zone. Adding 1 or 10 units did not generate additional person trips consistent with the initial trip rate. Caution should be used when increasing, or decreasing, the socioeconomic data in a zone by less than 50 units. Above 50 units, the model is expected to produce reasonable results. Full results from these tests are included in Appendix G.

The results in Tables 16 and 17 also show how the underlying socioeconomic distributions affect the person trip generation model. The production trip rates range from 7.7 to 14.0 person trips per households while the attraction trip rates range from 3.9 to 9.4 person trips per employee.

HIGHWAY ASSIGNMENT

The highway assignment model should respond to changes in roadway capacity by increasing or decreasing traffic volumes. The model should only show sensitivity on congested facilities; traffic volumes should be relatively stable when the capacity of an uncongested roadway is adjusted. The following changes were made to the highway network before rerunning the PM peak period traffic assignment with the same vehicle trip origin-destination matrices:

- Increase capacity of a congested roadway by 50%
- Decrease capacity of a congested roadway by 50%
- Increase capacity of an uncongested roadway by 50%
- Decrease capacity of an uncongested roadway by 50%

The congested roadway used for this test was 3rd Street between Rossmore Avenue and Normandie Avenue. The uncongested roadway was Strathern Street between Corbin Avenue and Louise Ave. Detailed results of the traffic volume shifts on the study roadways and parallel facilities are included in Appendix G. The results are consistent with expectations. When the capacity changes on a congested roadway, the volume on parallel facilities shifts in the opposite direction of the capacity adjustment: increasing capacity decreases the volume on parallel facilities and decreasing capacity increases the volume on parallel facilities. When the capacity changes on an uncongested roadway the volumes on the study roadway and parallel facilities are minimally affected regardless of whether the capacity was increased or decreased.

These tests also shows the natural variation in the highway assignment results. Comparing traffic volumes far from the locations where the capacities were adjusted shows that the results vary by approximately one percent during the PM peak period. This variation will be consistent during the other assignment periods (AM, MD, and NT) as well. Caution should be used when comparing volumes differences between analysis scenarios that vary by approximately 1% or less.

TRANSIT ASSIGNMENT

The mode choice and transit assignment models should respond to changes in fares and service frequency. Increasing transit fares should reduce ridership, while increasing the service frequency should increase ridership. The following changes were made to the transit network before rerunning the mode choice and transit assignment models:

- Double the fares for bus and rail service
- Double the frequency of bus and rail service

The results in Table 18 shows the changes in daily bus and rail ridership under each of the test scenarios. Doubling the transit fares reduces the bus and rail ridership by approximately 10%. Doubling the transit frequencies has more impact on rail ridership, which increases by almost 40%, than bus ridership, which increases by 25%. The direction and magnitude of changes are consistent with expectations.

TABLE 18 TRANSIT NETWORK DYNAMIC VALIDATION

Scenario	Bus Ridership	Rail Ridership	Bus Ratio	Rail Ratio
Validated Base Year	1,350,291	336,979	-	-
Increase bus and rail fares	1,171,800	297,873	0.87	0.88
Increase bus and rail frequencies	1,657,101	463,094	1.23	1.37

SCENARIO GUIDELINES

Based on the results of the dynamic validation tests, the following guidelines are recommended for running scenario tests in the City of Los Angeles model:

- Socioeconomic data changes in single TAZ should increase or decrease by at least 50 households or employees to produce consistent changes in trip generation rates
- Highway network changes can be tested using the final vehicle trip OD matrices and rerunning the vehicle assignment after recalculating travel speeds and link capacities; the natural variation in the assignment volumes results are approximately 1% when compared with the base scenario
- Transit network changes (including new transit lines or adjustments to headways or fares) require that a full model run is completed through all five feedback loops in order to compare the results to the base scenario

FUTURE YEAR MODEL

The 2040 future year scenario for the City of Los Angeles model was developed using the 2040 Plan scenario from the 2016 SCAG RTP/SCS. This section describes the socioeconomic data forecasts, highway and transit network improvement projects, and the trip reduction strategies included in the future scenario.

SOCIOECONOMIC FORECASTS

The socioeconomic data in the future year scenario of the City of Los Angeles model is consistent with the 2040 Plan scenario from the 2016 SCAG RTP/SCS. The disaggregation factors developed for the base year scenario to distribute the socioeconomic data to the City of Los Angeles model TAZ system were used for the future scenario. Table 18 shows the 2040 socioeconomic data totals and growth from the 2016 base year estimates for the City of Los Angeles, the City of Los Angeles model, and the entire SCAG region.

TABLE 19 2040 SOCIOECONOMIC DATA

Category	City of Los Angeles		City of Los Angeles Model		2016 SCAG RTP/SCS	
	Value	Growth	Value	Growth	Value	Growth
Population	4,609,446	17%	12,558,476	13%	22,132,467	17%
Households	1,690,343	22%	4,299,542	16%	7,409,998	21%
K12 Students	639,035	5%	2,027,942	5%	3,738,714	9%
College Students	287,328	4%	761,189	4%	1,326,785	8%
Employees	2,169,114	21%	5,741,368	17%	9,844,193	23%

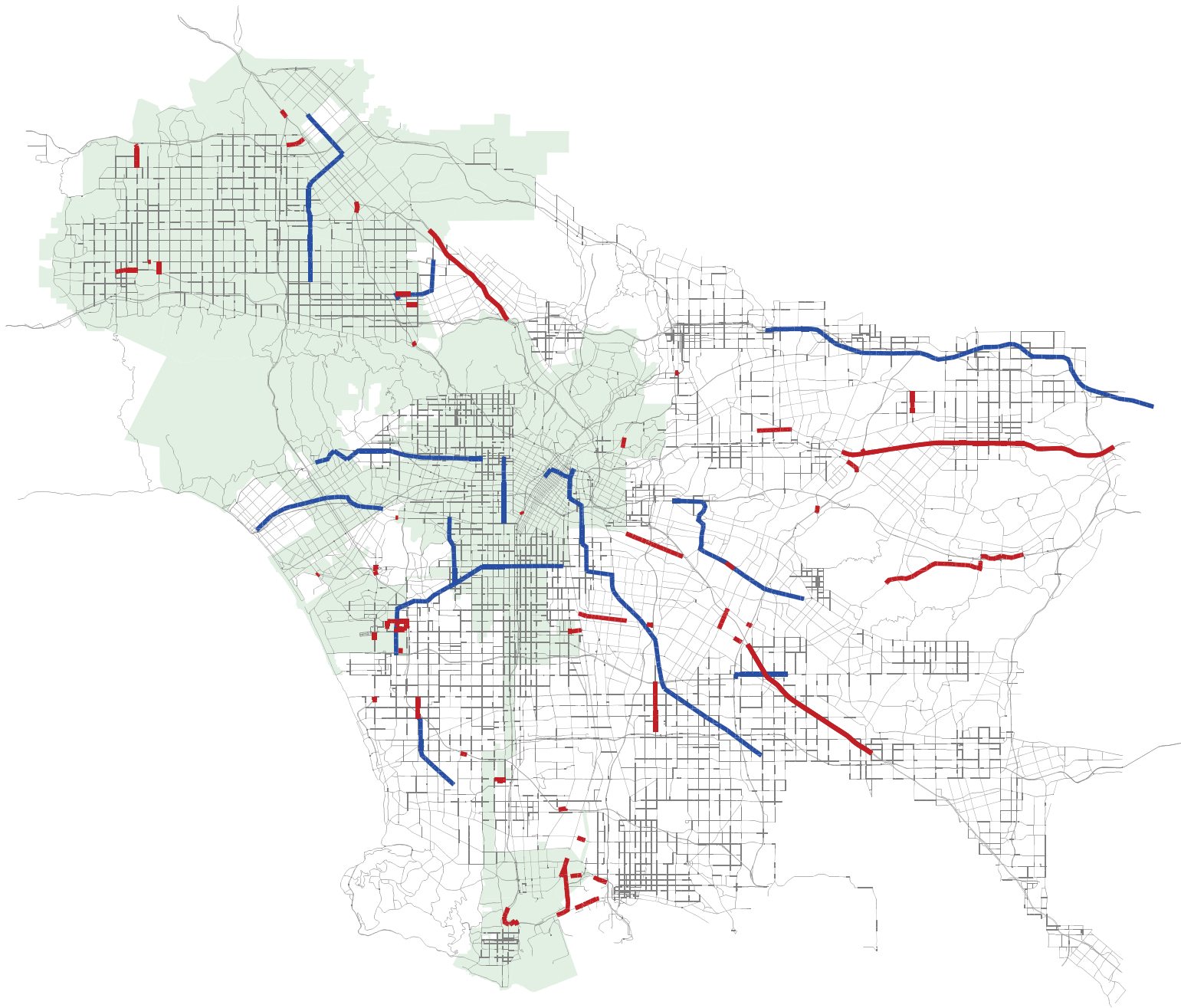
Within the City of Los Angeles, the growth in population, households and employment is approximately 20% over 24 years. This growth is consistent with the overall growth in the SCAG region and is less than 1% annual growth.

NETWORK PROJECTS

The highway and transit network transportation system improvements included in the future year scenario of the City of Los Angeles model were selected from the projects included in the 2040 Plan scenario of the 2016 SCAG RTP/SCS. The SCAG project list is divided into three sections:

- Federal Transportation Improvement Program (FTIP): includes six years of committed funding for projects included on the 2015 FTIP and Amendments 1-7 and 12
- Financially Constrained RTP (RTP_F): includes funded projects beyond those included in the FTIP
- Strategic Plan (RTP_S): includes an unconstrained list of potential projects that the region would pursue given additional funding and commitment

The improvements selected for the City of Los Angeles model future scenario include those projects from the FTIP and Financially Constrained lists that are in the primary model area of the City model. These include 48 arterial projects, 19 highway projects, and 19 transit projects. Figure 6 shows the location of the highway and transit projects. The complete project lists are included in Appendix H.



Legend

- City of Los Angeles
- Highway Network
- Highway Projects
- Transit Extension



Figure 6
Future Highway and Transit Network Projects

**APPENDIX A:
MODEL FILES AND PARAMETERS**



INITIALIZATION

INPUT FILES

Geography\taz4109.dbd	TAZ geography file
Geography\scag_RSA.dbd	Reginal Statistical Area geography file
Geography\scag_CSA.dbd	Community Statistical Area geography file
Geography\scag_county.dbd	County geography file
Geography\scag_districts.dbd	Air district geography file
Geography\air_basin.dbd	Air basin geography file
Geography\sub_air_basin.dbd	Sub air basin geography file
Geography\areatype.dbd	Area type geography file
Network\LA_roadway.dbd	Highway network database
Network\LA_transit.rts	Transit route system
model_sed.bin	Socioeconomic data by TAZ
highway_speed.bin	Highway link speed lookup table
highway_capacity.bin	Highway link capacity lookup table
highway_vdf.bin	Highway VDF parameters lookup table

OUTPUT FILES

LA_loaded_network.dbd	Highway network database
highway.net	Highway network file
Transit_<PER>_<MODE>.tnw	Transit network files

REPORT FILES

Highway_Lane_Miles_<PER>.csv	Highway network lane miles by facility type <4 PERIODS>
Highway_Capacity_Miles_<PER>.csv	Highway capacity miles by facility type <4 PERIODS>
Highway_Centerline_Miles.csv	Highway network miles by facility type
Transit_Network.csv	Transit routes, centerline miles, vehicle and revenue miles

PARAMETERS

Save loop results	Save AM and MD skims, ODs, and volumes from each loop
HSR Flag	Flag to activate HSR mode for skimming and mode split
Internal Zones	Internal number of zones
External Zones	External number of zones
Air and Port Zones	Total zones including air and port zones
Walk Speed	Walk Speed in mph
Minimum Walk Time	Minimum centroid walk time
Auto Operating Cost	Auto operating cost in cents/mile
CTOLL	Value of time in dollars/hour for ctoll
Value of Time	Value of time in dollars/hour
TOD Capacity Factors	TOD Highway Capacity Hourly Factors (AM, PM, MD, NT)
Intrazonal Neighbors	Number of intrazonal neighbors to calculate intrazonal travel times
Intrazonal Factor	Intrazonal factor to calculate intrazonal travel times
Wait Step Decrement	Denominator decrement to calculate initial waiting times

NETWORK SKIMMING

INPUT FILES

Transit_Speed_Table.bin	Auto-to-transit speed curve table
Transit_Speed_Curves.bin	Area-facility type transit speed curve table
Transit_Modes.bin	Transit mode table
Transit_Fare_Transfer.bin	Transit transfer fare table
Transit_Fare_Links.bin	Transit link fares for mode 12
Transit_Fare_Matrix.mtx	Transit fare matrix for Metrolink and HSR

OUTPUT FILES

Highway_<PK/OP>_Time.mtx	Highway <PK & OP> skim (time only) matrix for NHB trips
Highway_<PK/OP>_<AUTO>.mtx	Highway <PK & OP> <3 AUTO MODES> skim matrix
Highway_<PK/OP>_DA_School.mtx	Highway <PK & OP> skim (drive alone) matrix for school bus
Transit_<PK/OP>.tnw	Transit network file <PK & OP>
Transit_<PK/OP>_<MODE>.tnw	Transit network file <PK & OP> <7 TRANSIT MODES>
Transit_<PK/OP>_<MODE>_Walk.mtx	Transit <PK & OP> <7 TRANSIT MODES> walk access skim matrix
Transit_<PK/OP>_<MODE>_Auto.mtx	Transit <PK & OP> <7 TRANSIT MODES> auto access skim matrix

PARAMETERS

Bus PCE	Bus passenger car equivalent value
Transit Peak Split	Transit peak-to-AM/PM split
Transit Offpeak Split	Transit off-peak-to-MD/NT split
Max Transfers	Maximum number of transfers
Max Path Time	Maximum weighted time (generalized cost) of transit path
Max Access Time	Maximum walk access travel time to transit
Max Egress Time	Maximum walk egress travel time to transit
Max Transfer Time	Maximum walk transfer time
Max Drive Distance	Maximum auto time to transit
Max Park Access Time	Maximum walk time from parking node to transit stop
Path Threshold	Path threshold for combination
Drive Egress Cutoff	Drive egress cutoff time

TRIP GENERATION

INPUT FILES

Eds_Walk_Skim.mtx	Minimum walk skim matrix
PUMA_Data.bin	PUMA data table
PUMA_Data_Supp.bin	PUMA supplement data table
PUMA_Data_School.bin	PUMA table with student household distributions
AutoAv_Model.asc	Auto ownership choice model parameters table
TAZEQCounty.dbf	TAZ to county equivalency file
RATES_<PURP>.bin	Home-based person trip production rates <5 PURPOSES>
tod_fac.asc	Time of day peak/off-peak period factors
SUBAB_ratios_<PA>_trip.bin	Sub air basin <Ps & As> trip generation adjustment factors
model_districts.bin	Model districts
External_<IX/XI>_<PA>.bin	External <IX/XI> <Ps & As> trip reductions
TDM_Factors_<PK/OP>.bin	Peak and off-peak trip reduction factors by purpose for TDM strategies

OUTPUT FILES

model_sed_output.bin	TAZ socioeconomic data output
Min_TrSkims.mtx	Minimum transit skim matrix
Accessibility_Skim_Matrix.mtx	Auto and transit accessibility matrix
<CROSSCLASS>.BIN	<INCOME, HH SIZE, WORKERS, AGE, AUTOS> cross-classification tables
TripGen_1_<PA>.dbf	Initial trips after SUBAB adjustment ratio <Ps & As>
TripGen_4_<PK/OP>_<PA>.bin	Trips after initial balancing <PK & OP> <Ps & As>
TripGen_7_<PK/OP>_PA_Balanced.bin	Final <PK & OP> balanced production and attraction trips

REPORT FILES

tripgen_process_summary.csv	Trip totals after each stage in the trip generation model
tripgen_<STEP>.csv	Trip totals by sub air basin after each trip generation step <8 STEPS>
demographics_by_county.csv	Socioeconomic data summary report by county
tripgen_report_<GEO>_<PK/OP>.csv	Trip generation report <4 GEOGRAPHIES> <PK & OP>
<CROSSCLASS>_Report.csv	Cross-classification report <INCOME, HH SIZE, WORKERS, AUTOS>

PARAMETERS

Four Plus Autos Avg	Average number of autos in 4+ autos household
HH Fratar Iters	Maximum number of iterations for household frataring
HH Fratar Conv	Convergence for household frataring
AHHS6P Factors	Auto/person conversion factors by household size
Balance Flag	Balance trips to region or district by trip purpose

TRIP DISTRIBUTION

INPUT FILES

Friction_Factor_Parameters.bin	Friction factor parameters table
Kfactor.mtx	K-factors matrix for gravity model
Worker_to_Household_Income.bin	Worker to household income distribution
TerminalTime.mtx	Highway terminal times matrix
TerminalTimeSchoolBus.mtx	School bus terminal times matrix

OUTPUT FILES

Friction_Factors_<PK/OP>.mtx	Friction factors matrix <PK & OP>
Friction_Factors_Table.csv	Friction factors table
Logsums_<PK/OP>_<PURP>.mtx	Logsums <PK & OP> <9 PURPOSES> matrix
PA_Dist_<PK/OP>_HBW.mtx	PA trip distribution matrix <PK & OP> HBW by worker income
PA_Dist_<PK/OP>.mtx	PA trip distribution matrix <PK & OP>

REPORT FILES

Logsum_Statistics_Report.csv	Logsum statistics report
Intra_file.csv	Intrazonal trips report file
tld_table.csv	Average trip length and travel time table by trip purpose
tld_frequency_table.csv	Travel time and trip distance frequency distributions by trip purpose
Tripdist_report_<GEO>_<PK/OP>.mtx	Trip distribution summary matrix <4 GEOGRAPHIES> <PK & OP>
Tripdist_report_<GEO>_<PK/OP>.csv	Trip distribution summary table <4 GEOGRAPHIES> <PK & OP>
County_<PK/OP>_<PURP>.csv	Trip summaries by county

PARAMETERS

Gravity Iterations	Maximum number of Gravity Iterations
Gravity Convergence	Gravity Convergence Criteria

MODE SPLIT

INPUT FILES

ms_coeff_<PK/OP>.bin	Mode split nested logit coefficients table <PK & OP>
----------------------	--

OUTPUT FILES

MS_<PK/OP>_<PURP>.mtx	Mode split matrix <PK & OP> <13 PURPOSES>
MS_Sub_<PK/OP>_<PURP>.mtx	Mode split submode matrix <PK & OP> <6 PURPOSES>
MS_<PK/OP>_HBWS_IS.mtx	<PK & OP> home-based work strategic intermediate stop trips
Ds_table.bin	Ds reductions calculations

REPORT FILES

msplit_summary_<PK/OP>_mode.bin	Mode split summary table <PK & OP>
msplit_summary_<PK/OP>_submode.bin	Mode split submode summary table <PK & OP>
msplit_summary_<PK/OP>_mode.csv	Mode split summary table <PK & OP>
msplit_summary_<PK/OP>_submode.csv	Mode split submode summary table <PK & OP>
msplit_report_<GEO>_<PA>.csv	Mode split summary table <4 GEOGRAPHIES> <Ps & As>
NoDs_MS_<PK/OP>_<PURP>.mtx	Mode split matrices without Ds reductions <PK & OP> <8 PURPOSES>

PARAMETERS

HOV3 Occupancy	Shared ride 3+ average car occupancies by purposes
HBSP HOV3 Occupancy	Shared ride 3+ average car occupancies for HBSP trips
Park Duration	Average parking duration in hours for HBSH, HBO, WBO, and OBO trips
HBSP Peak Splits	Peak HBSP splits for 6 modes
HBSP OffPeak Splits	Off-peak HBSP splits for 6 modes

PA TO OD

INPUT FILES

hourly.bin	Hourly table that distributes PK trips to AM/PM and OP trips to MD/NT
truck_sed.bin	Heavy-duty truck model – socioeconomic data
truck_rates.bin	Heavy-duty truck model – trip generation rates
truck_ff.bin	Heavy-duty truck model – friction factors
LMV_Airport_<PER>.mtx	Light- and medium-duty vehicles airport trip matrix <4 PERIODS>
LMV_XIIX_<PER>.mtx	Light- and medium-duty vehicles XI/IX trip matrix <4 PERIODS>
LMV_XX_<PER>.mtx	Light- and medium-duty vehicles XX trip matrix <4 PERIODS>
HDT_Airport_<PER>.mtx	Heavy-duty trucks airport trip matrix <4 PERIODS>
HDT_Seaport_<PER>.mtx	Heavy-duty trucks seaport trip matrix <4 PERIODS>
HDT_XIIX_XX.mtx	Heavy-duty trucks XI/IX/XX trip matrix <4 PERIODS>

OUTPUT FILES

spmat_distance.mtx	Heavy-duty truck model – distance skim matrix
truck_PA.bin	Heavy-duty truck model – balanced production and attraction trips
truck_PA.mtx	Heavy-duty truck model – PA matrix
Truck_Trips_<PER>.mtx	Heavy-duty truck model – OD matrix <4 PERIODS>
OD_Final_<PER>.mtx	Final LMV and HDT OD vehicle matrix <4 PERIODS>
Transit_Trips_<PK/OP>.mtx	Transit trips OD matrix <PK & OP>

REPORT FILES

Truck_Average_TL.csv	Heavy-duty truck model – average truck trip lengths
Truck_TLD_Frequency.csv	Heavy-duty truck model – trip length frequency distributions
Trucks_by_County.csv	Heavy-duty truck model – trip table by county
Trucks_by_Sub_Air_Basin.csv	Heavy-duty truck model – trip table by sub air basin
Trucks_by_Sector.csv	Heavy-duty truck model – trip table by sector
OD_Trip_Report.csv	LMV and HDT trip summary by time period

ASSIGNMENT

INPUT FILES

highway_turn_penalties.bin	Highway turn penalties file
highway_query.qry	Highway select zone and select link query file
transit_query_<PK/OP>.bin	Transit movement input table <PK & OP>

OUTPUT FILES

Highway_Flow_<PER>.bin	Highway assignment flow table <5 PERIODS>
Highway_Turns_<PER>.bin	Highway turn movement flow table <4 PERIODS>
Highway_Critical_<PER>.bin	Highway query critical matrix <4 PERIODS>
Transit_Movement_<PK/OP>.mtx	Transit movement output matrix <PK & OP>
Transit_Flow_Routes_<PK/OP>.bin	Transit flow transit-links table <PK & OP>
Transit_Flow_Links_<PK/OP>.bin	Transit flow vehicle-links table <PK & OP>
Transit_OnOff_<PK/OP>.bin	Transit stop on/off table <PK & OP>

REPORT FILES

Assignment_Statistics.csv	Highway assignment VMT and VHT statistics by time period
Transit_<GROUP>_Report.csv	Transit assignment summary <5 GROUPS> table
Iterations_<PER>.bin	Assignment statistics by iteration

PARAMETERS

HDT PCE	HDT passenger car equivalent factors (LHDT, MHDT, HHDT)
Assignment Iterations	Maximum highway traffic assignment iterations
Assignment Convergence	Highway assignment convergence criteria

DEFAULT PARAMETERS

Parameter	2016 Base Year Default Value
Save loop results	0
HSR Flag	0
Internal Zones	4109
External Zones	4149
Air and Port Zones	4192
Walk Speed	2.5
Minimum Walk Time	2
Auto Operating Cost	24.92
CTOLL	3
Value of Time	9.84
TOD Capacity Factors	2.9, 3.7, 6.0, 6.6
Intrazonal Neighbors	1
Intrazonal Factor	0.5
Wait Step Decrement	1
Bus PCE	2
Transit Peak Split	0.38, 0.62
Transit Offpeak Split	0.72, 0.28
Max Transfers	4
Max Path Time	120
Max Access Time	30
Max Egress Time	30
Max Transfer Time	20
Max Drive Distance	5
Max Park Access Time	5
Path Threshold	0.8
Drive Egress Cutoff	15
Four Plus Autos Avg	4.5
HH Fratar Iters	20
HH Fratar Convg	0.01
AHHS6P Factors	1.0, 2.0, 3.0, 4.0, 5.0, 7.126
Balance Flag	1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 2, 1
Gravity Iterations	999
Gravity Convergence	0.01
HOV3 Occupancy	3.572, 3.572, 3.572, 3.314, 3.314, 3.314, 3.094, 3.543, 3.443, 3.595, 3.602, 3.654
Park Duration	1.022, 2.082, 1.802, 1.089
HBSP Peak Splits	0.259, 0.291, 0.309, 0.0, 0.139, 0.002
HBSP OffPeak Splits	0.259, 0.291, 0.309, 0.0, 0.139, 0.002
HBSP HOV3 Occupancy	3.48
HDT PCE	1.2, 1.5, 2.0
Assignment Iterations	100
Assignment Convergence	0.01

BASE YEAR MODEL RUN TIME

Step	Loop 1	Loop 2	Loop 3	Loop 4	Final
INIT 01 Delete All Output Files	0:00:01	-	-	-	-
INIT 02 Create Loaded Network	0:00:00	-	-	-	-
INIT 03 Calculate Speeds	0:00:25	-	-	-	-
INIT 04 Calculate Capacities	0:01:55	-	-	-	-
INIT 05 Build Highway Network	0:00:04	-	-	-	-
INIT 06 Compute HOV Ramp Speeds	-	-	-	-	-
INIT 07 Network Reports	-	-	-	-	0:00:21
SKIM 08 Create Highway Skims	0:01:41	0:02:32	0:02:27	0:02:24	0:02:24
SKIM 09 Process Highway Skims	0:00:08	0:00:10	0:00:10	0:00:10	0:00:09
SKIM 10 Fill in Drive Egress Times	0:00:32	0:00:22	0:00:24	0:00:26	0:00:27
SKIM 11 Fill in Drive Access Times	0:01:11	0:00:54	0:00:57	0:00:58	0:00:59
SKIM 12 Calculate Bus Preloads	0:00:58	-	-	-	-
SKIM 13 Calculate Transit Times	0:02:42	0:02:51	0:03:26	0:03:31	0:03:45
SKIM 14 Build Transit Network	0:00:54	0:00:57	0:01:00	0:01:01	0:01:01
SKIM 15 Skim Transit Network	0:20:50	0:20:54	0:19:59	0:20:35	0:20:18
SKIM 16 Process Transit Skims	0:00:03	0:00:02	0:00:03	0:00:03	0:00:03
TGEN 17 Trip Generation	0:02:41	0:02:41	0:02:44	0:02:53	0:02:43
TGEN 18 Trip Generation Reports	-	-	-	-	0:00:00
TDIST 19 Logsum Model	0:00:00	0:00:22	0:00:23	0:00:23	0:00:22
TDIST 20 Submodel Logsum Model	0:00:21	0:00:18	0:00:18	0:00:18	0:00:19
TDIST 21 Process Logsum Matrices	0:00:00	0:00:00	0:00:04	0:00:00	0:00:00
TDIST 22 Create Friction Factors	0:00:46	0:00:57	0:00:52	0:00:53	0:00:55
TDIST 23 Trip Distribution Model	0:05:59	0:43:32	0:15:08	0:13:19	0:13:01
TDIST 24 Trip Distribution Reports	-	-	-	-	0:03:59
MSPLIT 25 Mode Split Model	0:01:32	0:01:44	0:01:23	0:01:17	0:01:16
MSPLIT 26 Mode Split Serve PAX Model	0:01:43	0:00:20	0:00:53	0:00:51	0:00:40
MSPLIT 27 Intermediate Stops Model	0:12:43	0:13:19	0:11:25	0:11:22	0:11:22
MSPLIT 28 Mode Split Reports	-	-	-	-	0:02:29
PAOD 29 Truck Model	0:03:01	-	-	-	-
PAOD 30 Import Truck Trips	0:00:25	-	-	-	-
PAOD 31 PA to OD	0:05:06	0:06:09	0:05:20	0:05:17	0:05:02
PAOD 32 Calculate Transit OD	-	-	-	-	0:02:02
PAOD 33 OD Reports	-	-	-	-	0:00:06
ASSIGN 34 Transit Assignments	-	-	-	-	0:17:51
ASSIGN 35 Assign PNR Transit Flows	-	-	-	-	0:01:22
ASSIGN 36 Traffic Assignments AM	0:09:10	0:03:55	0:05:52	0:08:35	0:23:15
ASSIGN 37 Traffic Assignments MD	0:09:01	0:02:06	0:04:40	0:09:10	0:19:01
ASSIGN 38 Traffic Assignments PM	-	-	-	-	0:25:29
ASSIGN 39 Traffic Assignments NT	-	-	-	-	0:07:29
ASSIGN 40 Update Network Costs	0:00:37	0:00:39	0:00:40	0:00:44	-
ASSIGN 41 Calculate Vehicle Flows	-	-	-	-	0:00:20
ASSIGN 42 Highway Reports	-	-	-	-	0:00:43
ASSIGN 43 Transit Reports	-	-	-	-	0:00:02
Loop Runtime	1:24:29	1:44:44	1:18:08	1:24:10	2:49:15
Model Runtime	8:40:46				

Windows 7 Service Pack 1 64-bit, Intel Xeon CPU @ 3.10 GHz with 16 cores, and 32GB RAM

**APPENDIX B:
CITY OF LOS ANGELES SOCIOECONOMIC DATA BY COMMUNITY PLAN
AREA (CPA)**



2016 SOCIOECONOMIC DATA TOTALS BY COMMUNITY PLAN AREA (CPA)

CPA	Description	Population	Households	Employment
2140	Arleta - Pacoima	105,326	23,248	19,697
3320	Bel Air - Beverly Crest	22,323	8,826	5,258
1020	Boyle Heights	86,504	22,766	26,244
3310	Brentwood - Pacific Palisades	58,361	25,554	32,640
2200	Canoga Park - Winnetka - Woodland Hills	182,695	65,367	96,285
1100	Central City	47,716	25,234	189,617
1110	Central City North	25,119	6,915	26,256
2210	Chatsworth - Porter Ranch	97,428	34,190	56,903
2240	Encino - Tarzana	74,044	30,811	51,511
2190	Granada Hills - Knollwood	63,152	20,615	19,706
4350	Harbor Gateway	41,189	12,127	19,032
1070	Hollywood	205,536	98,868	101,241
3700	Los Angeles International Airport	857	324	21,955
2160	Mission Hills - Panorama City	146,004	39,310	31,640
2130	North Hollywood - Valley Villa	140,200	54,934	42,841
1010	Northeast Los Angeles	242,613	76,409	64,027
2220	Northridge	68,857	23,478	29,574
3280	Palms - Mar Vista - Del Rey	116,942	52,785	34,005
4360	Port of Los Angeles	1,966	326	5,401
2230	Reseda - West Van Nuys	108,209	34,972	39,049
4340	San Pedro	78,781	30,686	18,516
2120	Sherman Oaks - Studio City - Toluca Lake	82,825	41,082	51,439
1080	Silver Lake - Echo Park - Elysian Valley	72,572	29,039	19,495
1050	South Los Angeles	281,932	80,721	48,905
1030	Southeast Los Angeles	286,990	66,316	60,111
2170	Sun Valley - La Tuna Canyon	90,327	23,349	34,255
2250	Sunland - Tujunga - Lake View	63,503	21,073	10,768
2180	Sylmar	81,384	20,916	25,355
2150	Van Nuys - North Sherman Oaks	163,087	59,322	67,889
3290	Venice	38,697	19,760	15,307
1040	West Adams - Baldwin Hills - Leimert	182,185	65,948	46,460
3270	West Los Angeles	78,231	37,466	108,380
3300	Westchester - Playa del Rey	58,180	25,100	44,078
1090	Westlake	115,271	39,842	37,748
3260	Westwood	54,509	21,001	114,742
4430	Wilmington - Harbor City	77,634	22,096	17,704
1060	Wilshire	289,933	122,597	163,839
9999	<i>Outside the City</i>	<i>7,143,477</i>	<i>2,312,030</i>	<i>3,092,027</i>
City of Los Angeles Total		3,931,082	1,383,373	1,797,873
Modelwide Total		11,074,559	3,695,403	4,889,900

**APPENDIX C:
LINK FREE-FLOW SPEED AND CAPACITY CALCULATIONS**



LINK SPEEDS

The following steps are used to calculate link speeds for the highway network:

1. Reset posted speeds for facility type 30s to max of 65mph
2. Reset posted speeds for facility type 40s to max of 60mph
3. Reset posted speeds for facility type 50s to max of 55mph
4. Reset posted speeds for facility type 60s to max of 50mph
5. Reset posted speeds for facility type 70s to max of 45mph
6. Calculate speeds from lookup table based on facility type, area type, and posted speed
7. Reset speeds for facility types 10s, 20s, 30s, and 80 to posted speeds
8. Set facility types 22 and 80 in area types 1 and 2 with 1 lane and no posted speed to 45mph
9. Set facility types 22 and 80 in area types 1 and 2 with 1 lane and no posted speed to 50mph
10. Reset speeds for facility types 30s, 40s, 50s, 60s, and 70s longer than 2 miles to posted speed
11. Increase speeds by 4% for facility types 31, 32, 41, 42, 51, 52, 61, 62, 71, and 72
12. Multiply speeds by individual link speed multiplier

LINK CAPACITIES

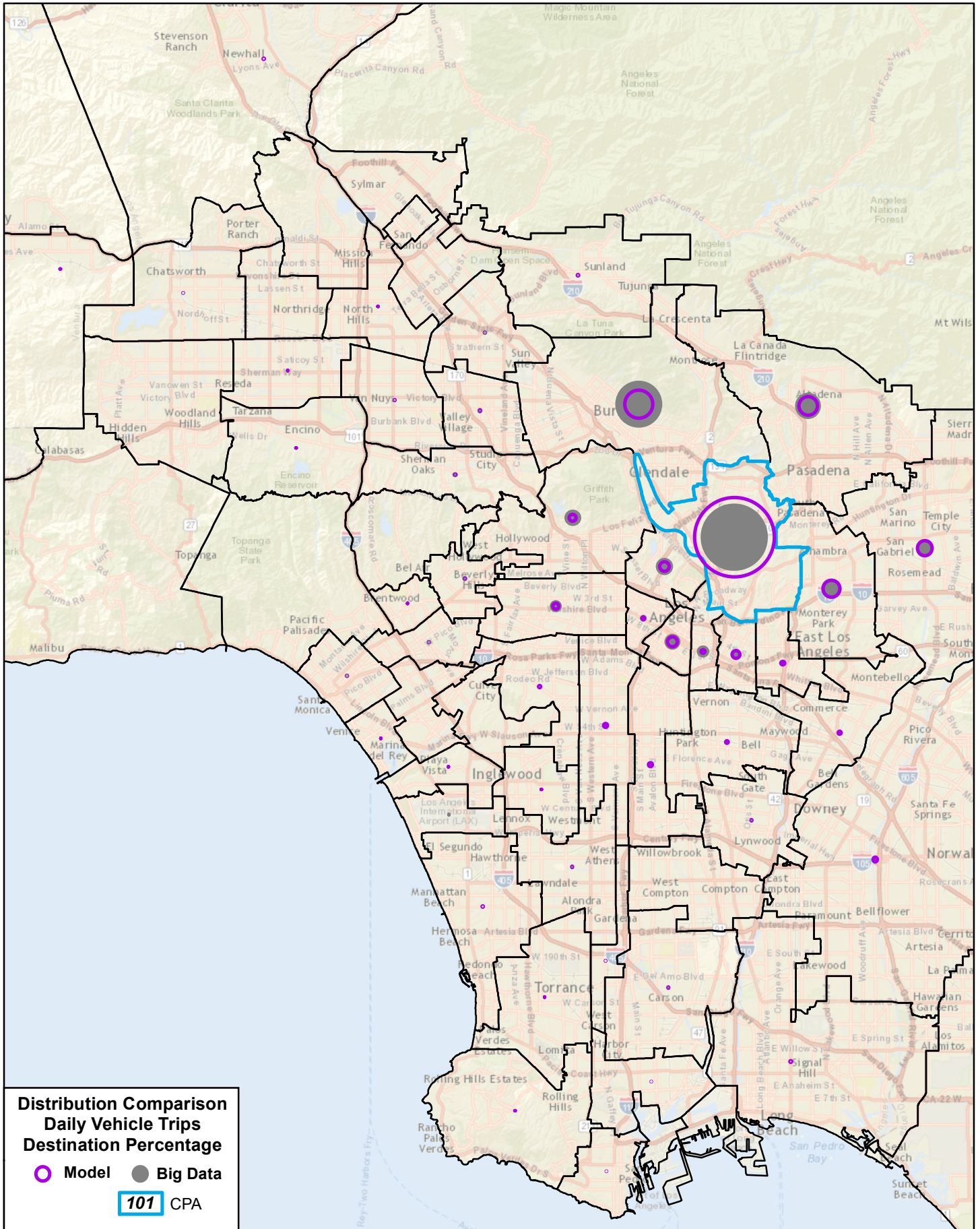
The following steps are used to calculate link capacities for the highway network:

1. Calculate capacities from lookup table based on facility and area type, lanes, and crossing lanes
2. Calculate total hourly capacity by multiplying by the number of lanes
3. Reset capacities for facility types 10, 20, and 21 using the following rules:
 - Posted speed \leq 55mph then 1,900vph per through lane plus 1,000vph per aux lane
 - Posted speed $>$ 55mph then 2,000vph per through lane plus 1,000vph per aux lane
 - Posted speed $>$ 65mph then 2,100vph per through lane plus 1,000vph per aux lane
4. Reset capacities for facility types 30s, 40s, 50s, 60s, and 70s longer than 2 miles with the rules:
 - Posted speed \leq 45mph then 1,600vphpl
 - Posted speed $>$ 45mph then 1,700vphpl
 - Posted speed $>$ 50mph then 1,800vphpl
 - Posted speed $>$ 55mph then 1,900vphpl
 - Total lanes \leq 2 then 1,400vphpl
5. Reset capacities for facility type 82 with the following rules:
 - Area types 1, 2, 3, and 4 then 720vph plus 480vph for each additional lane
 - Area type 5 then 1,400vph plus 600vph for each additional lane
 - Area type 6 and 7 then 1,400vphpl
6. Reset capacities for facility types 22 and 80 with the following rules:
 - Posted speed \leq 45mph then 1,600vphpl
 - Posted speed $>$ 45mph then 1,700vphpl
 - Posted speed $>$ 50mph then 1,800vphpl
 - Posted speed $>$ 55mph then 1,900vphpl
7. Multiply capacities by individual link capacity multiplier
8. Increase AM, MD, and PM capacities by 10% for links with parking restrictions
9. Increase capacities by 20% for one-way links with facility types 30s, 40s, 50s, 60s, and 70s
10. Increase capacities by 5% for facility types 31, 32, 41, 42, 51, 52, 61, 62, 71, and 72
11. Calculate period capacities from hourly capacities with the following factors:
 - AM – 2.9, MD – 6.0, PM – 3.7, and NT – 6.6

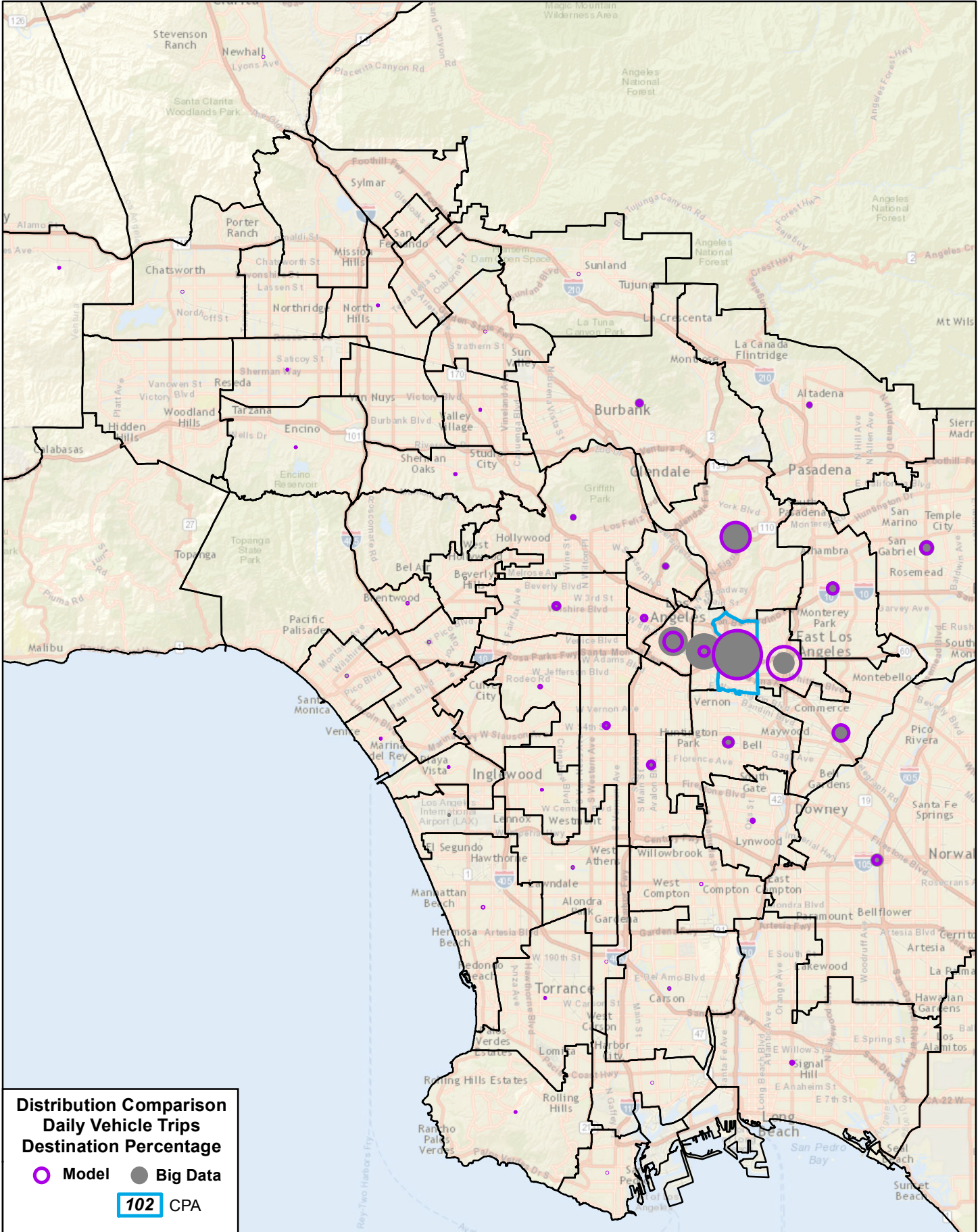
**APPENDIX D:
TRIP DISTRIBUTION COMPARISON PLOTS**



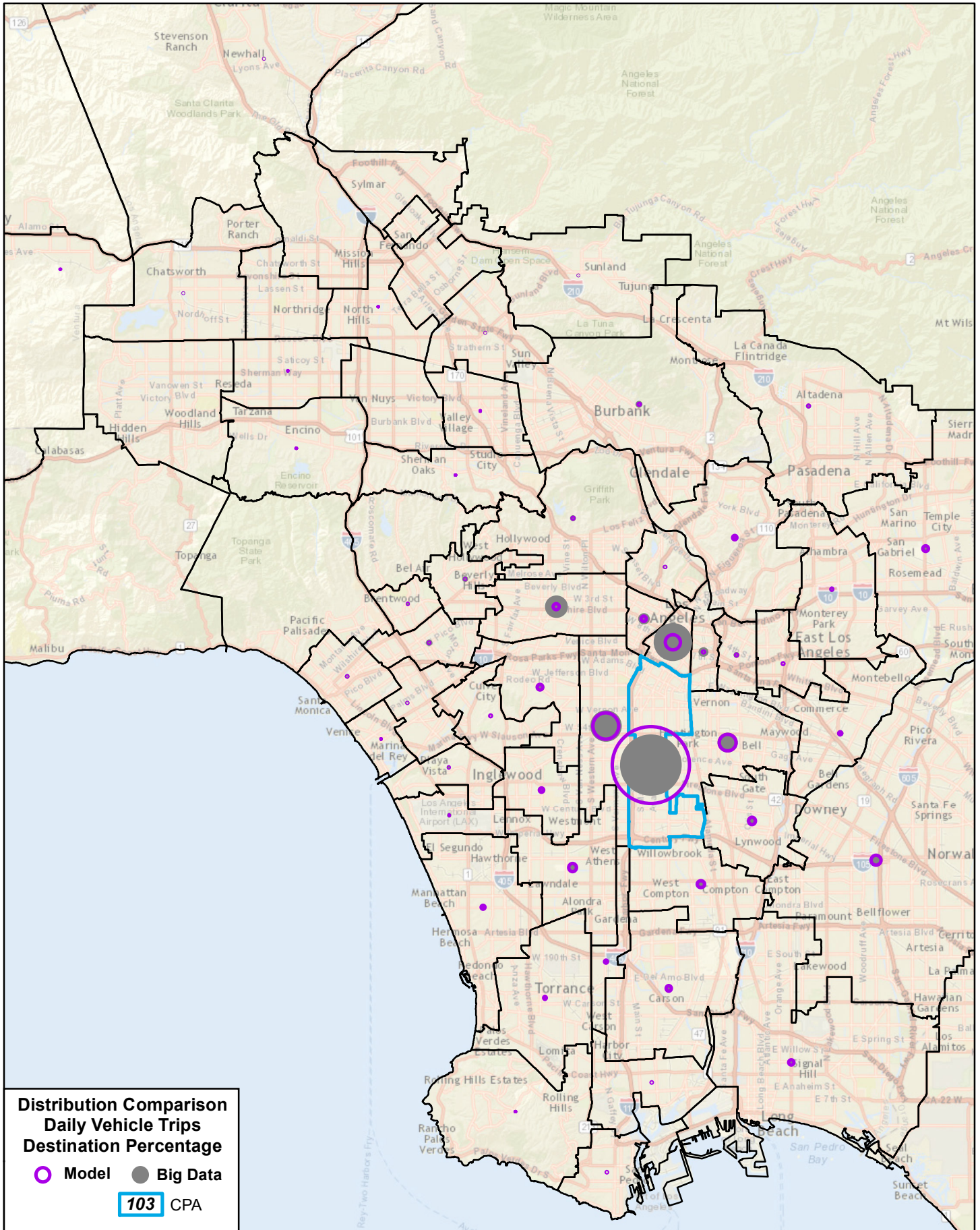
Northeast Los Angeles



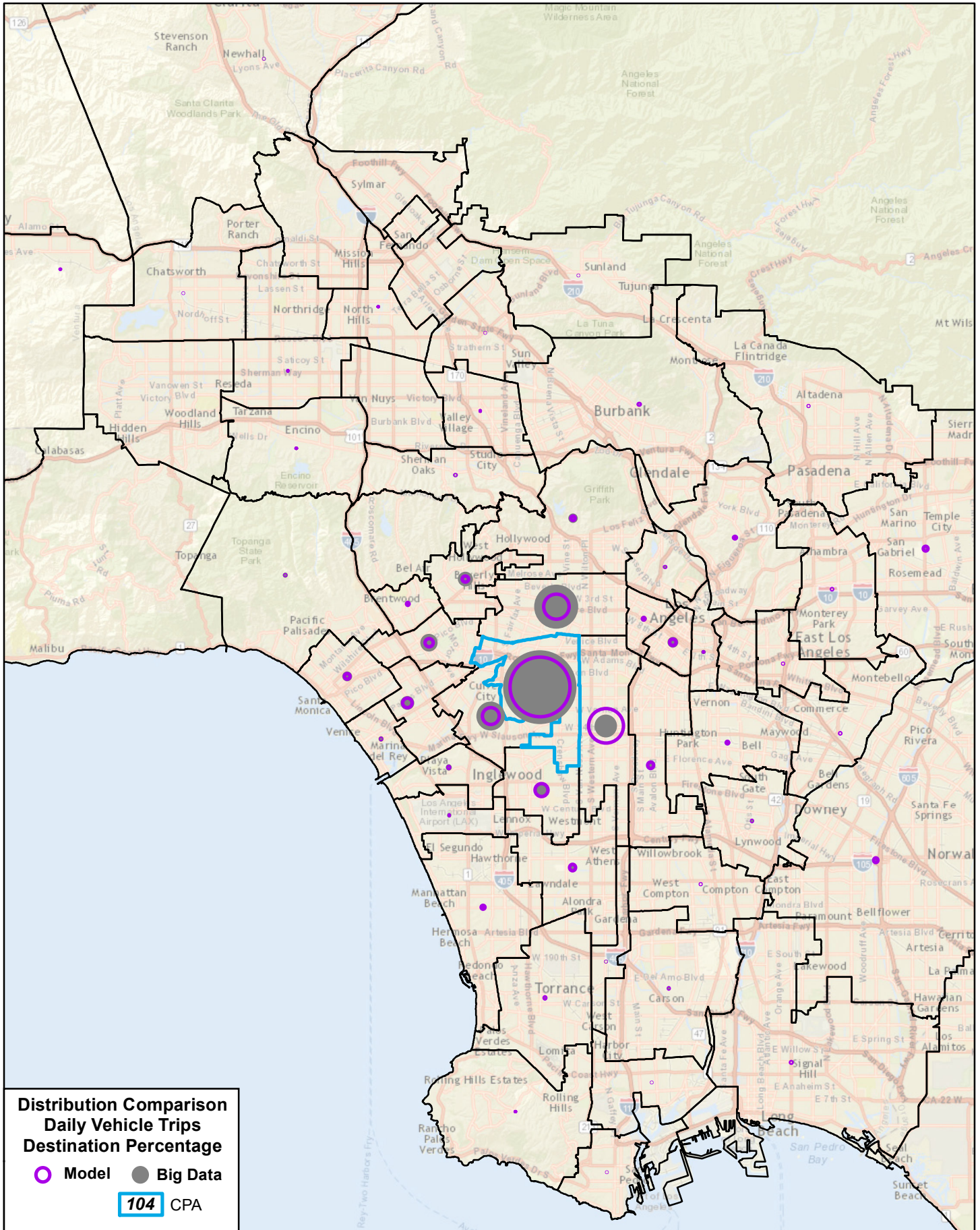
Boyle Heights



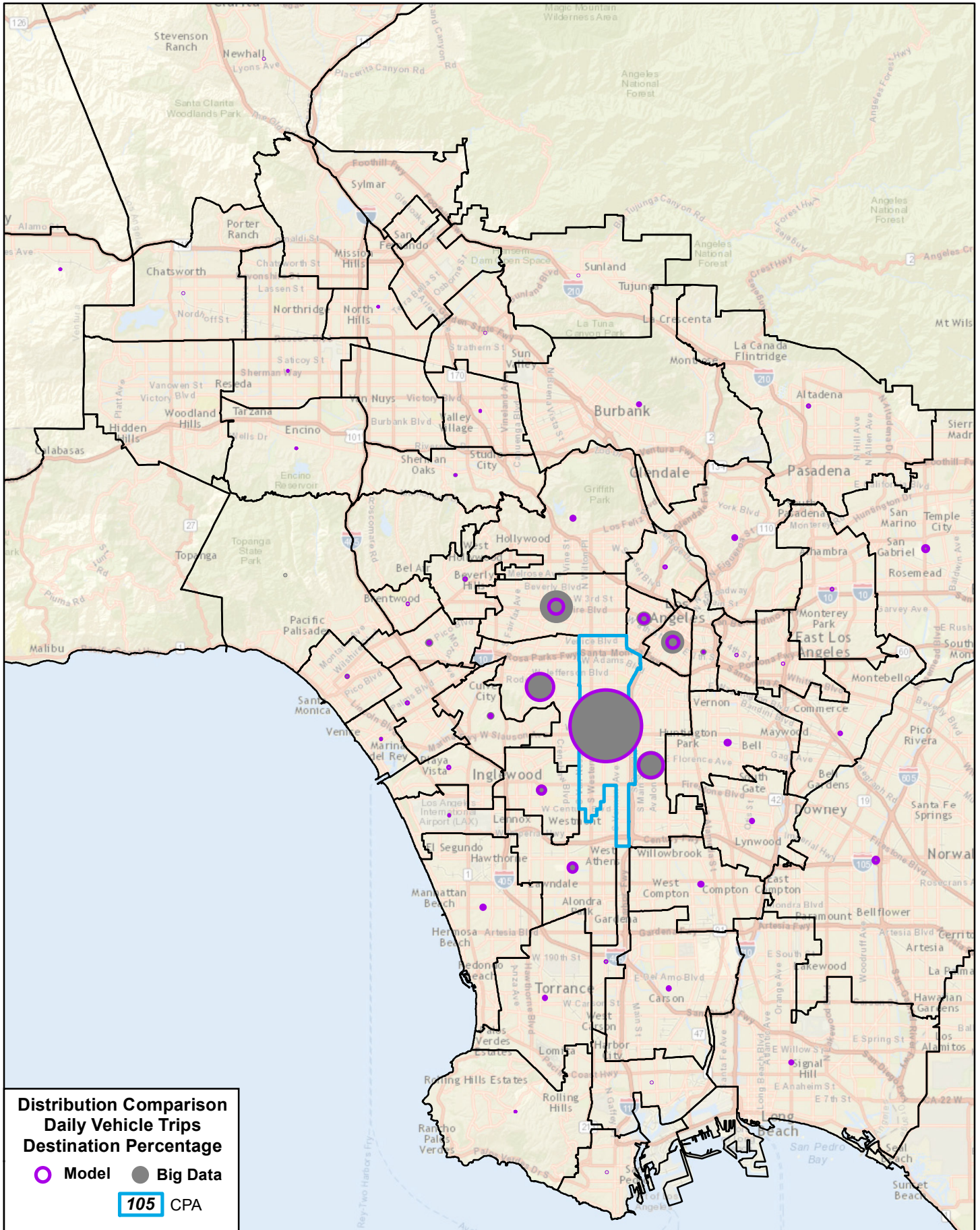
Southwest Los Angeles



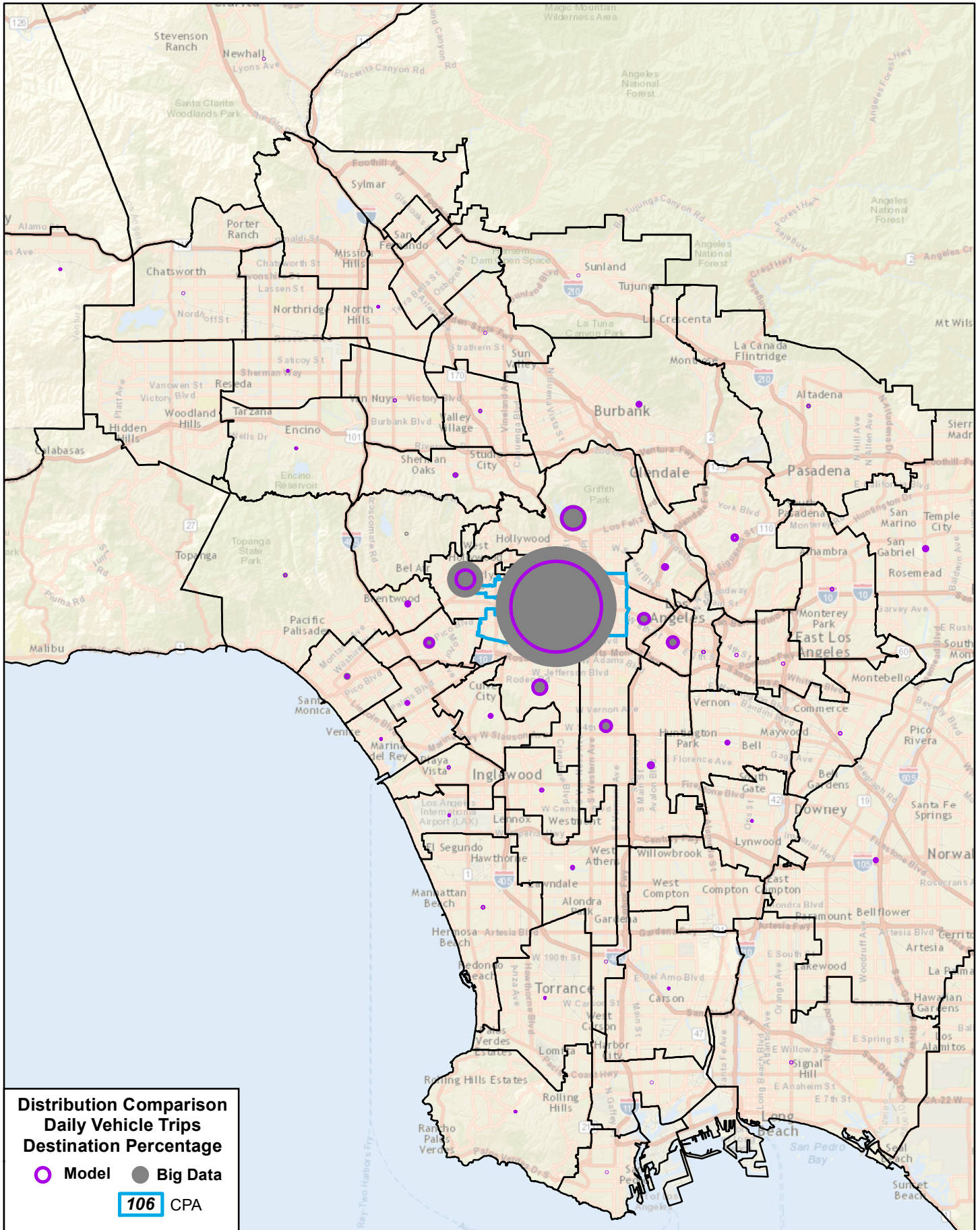
West Adams/Baldwin Hills/Leimert



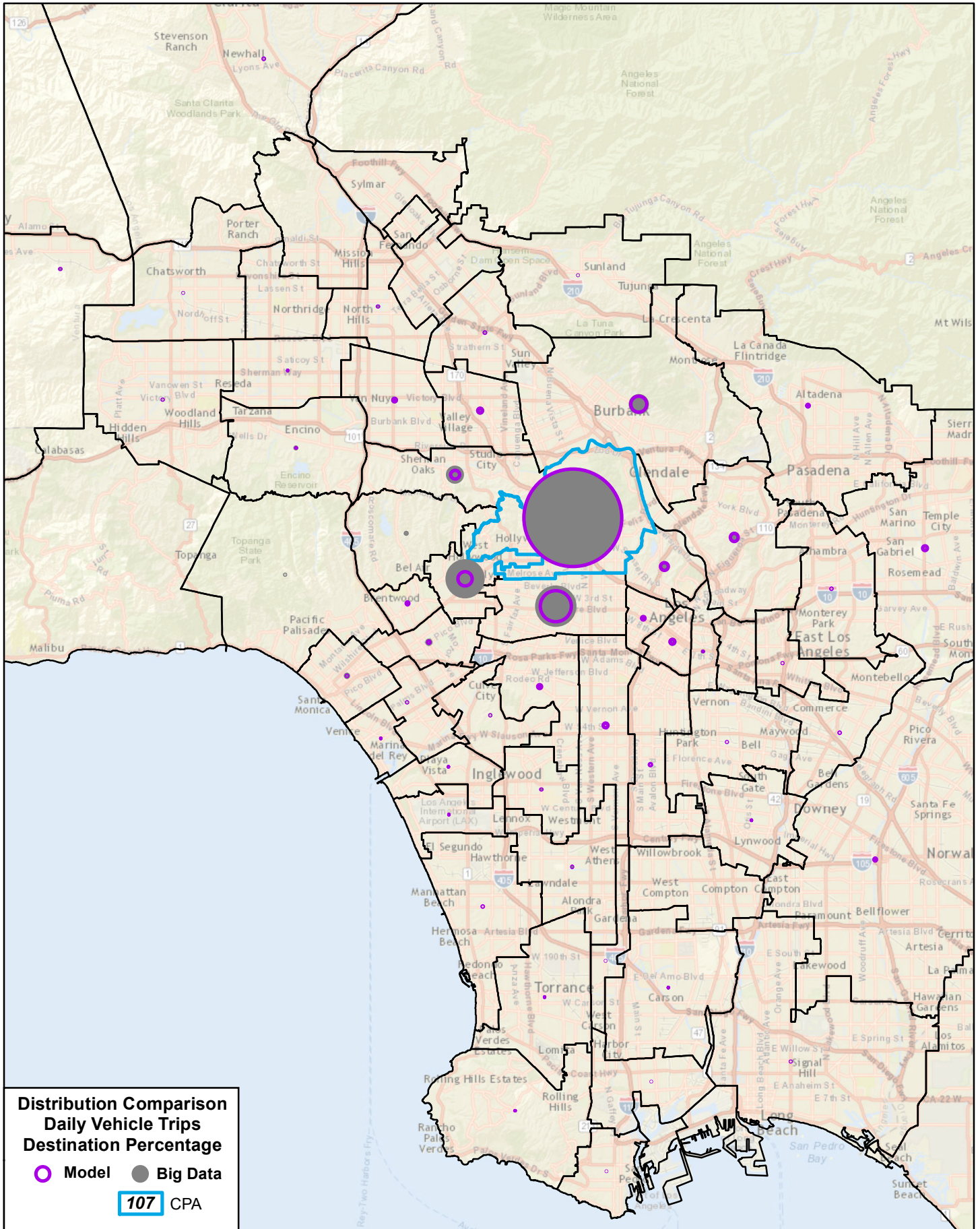
South Los Angeles



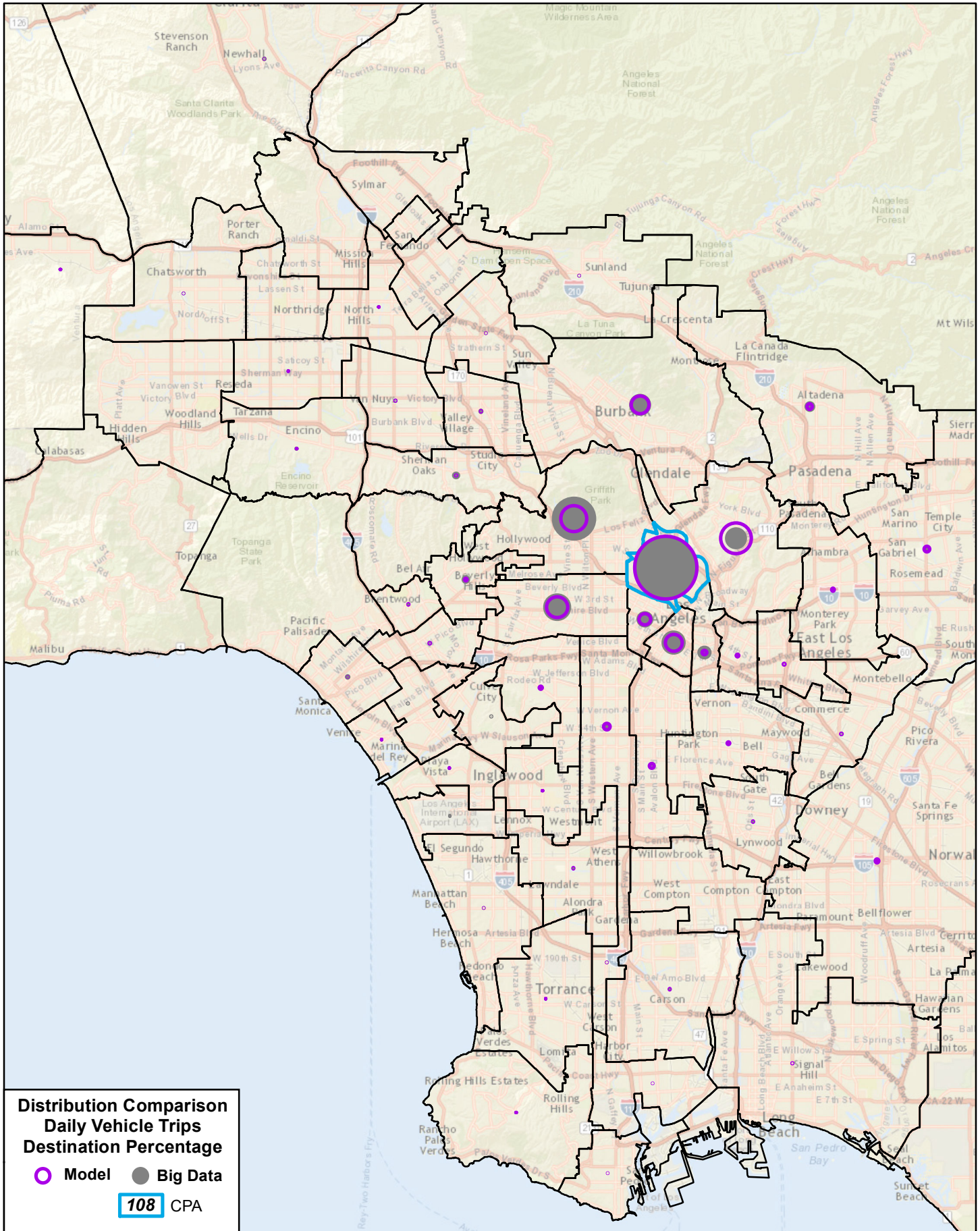
Wilshire



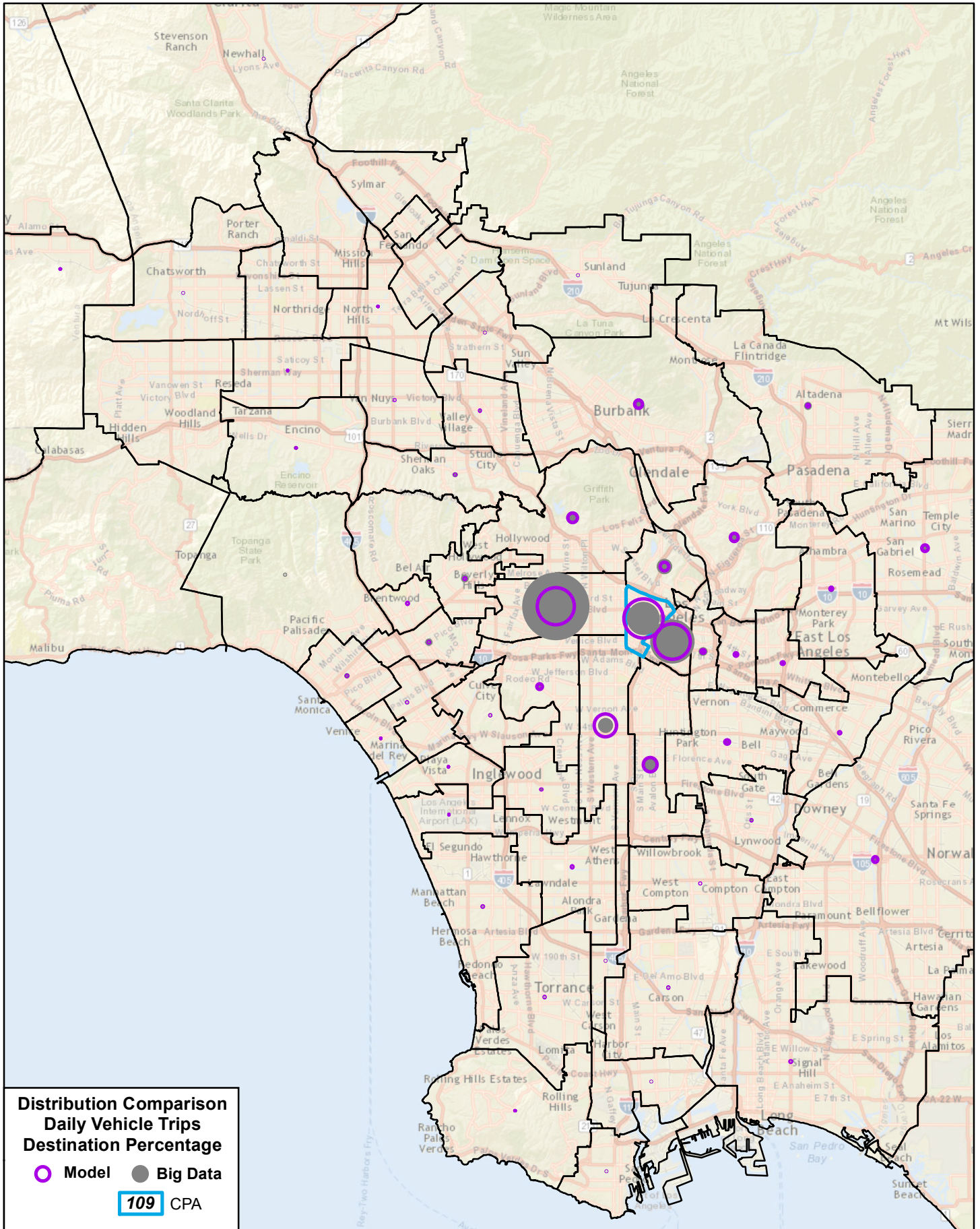
Hollywood



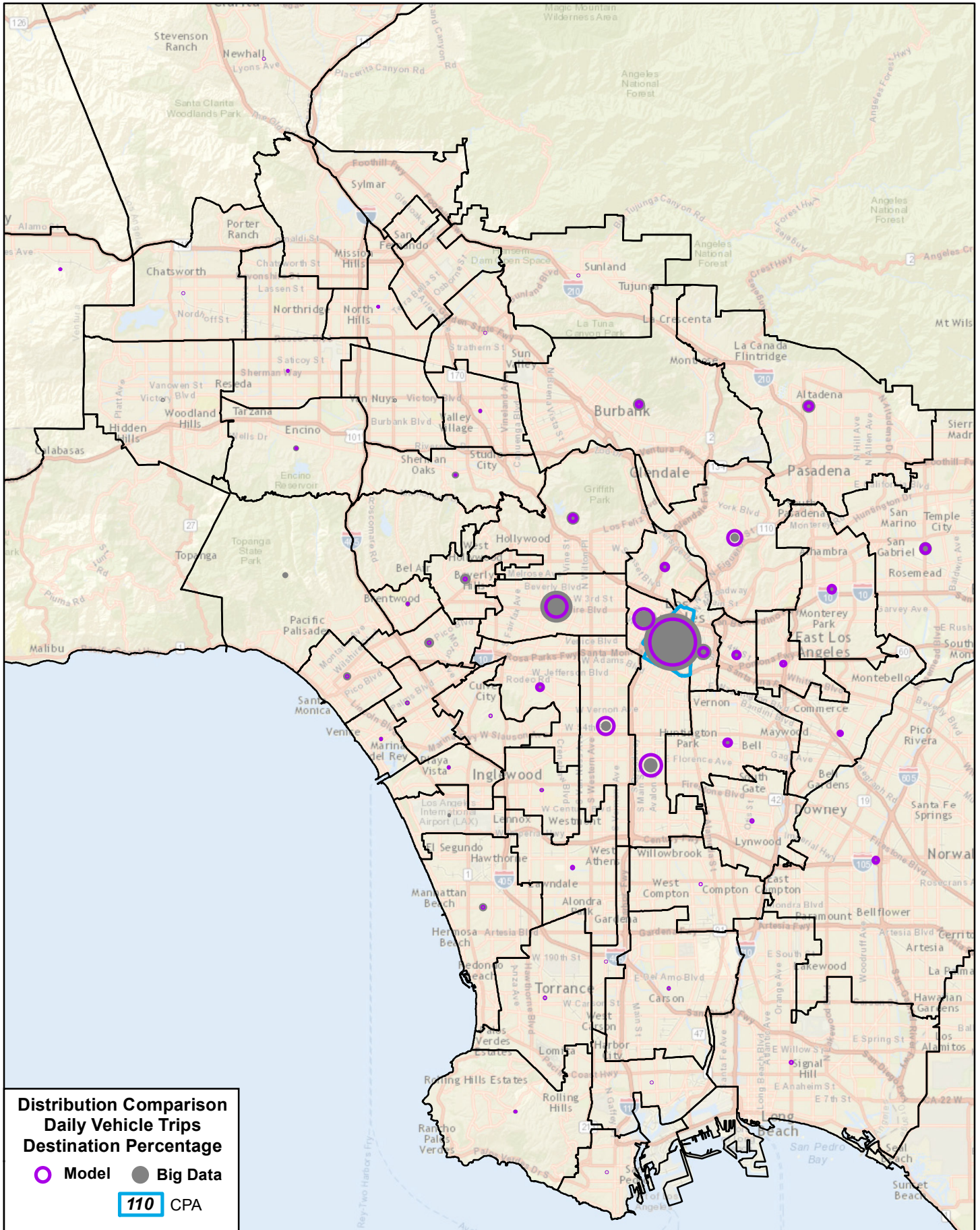
Silver Lake/Echo Park/Elysian Valley



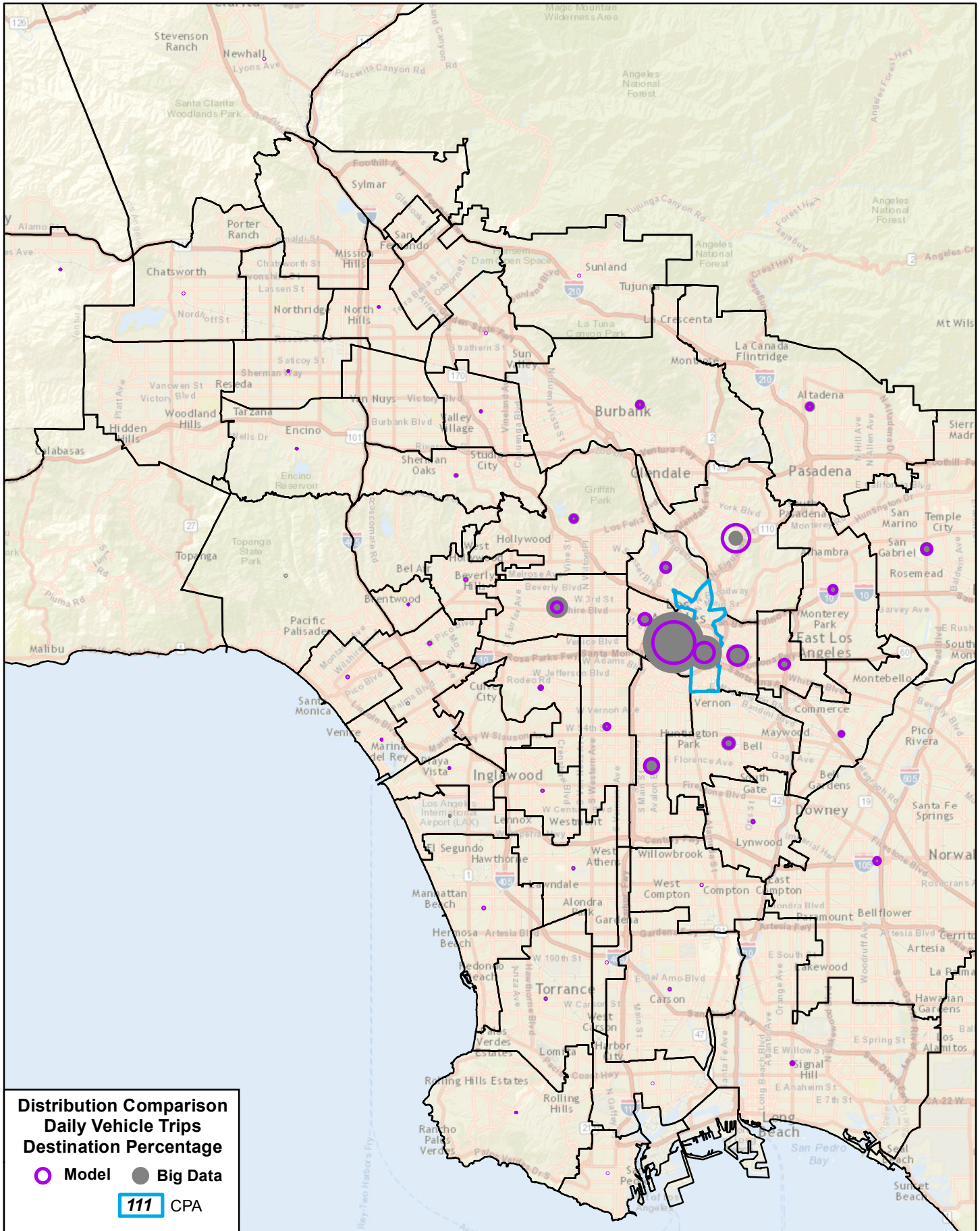
Westlake



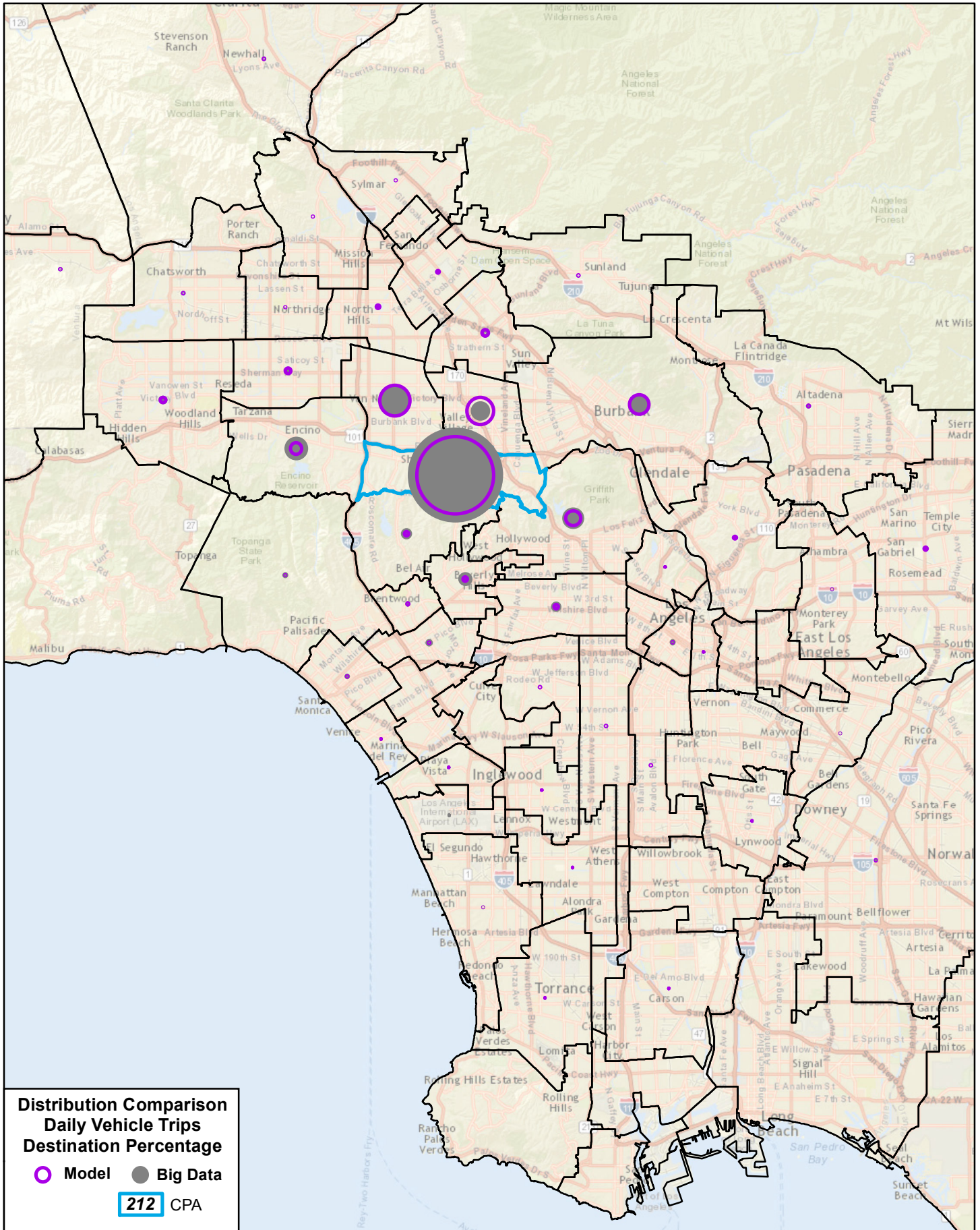
Central City



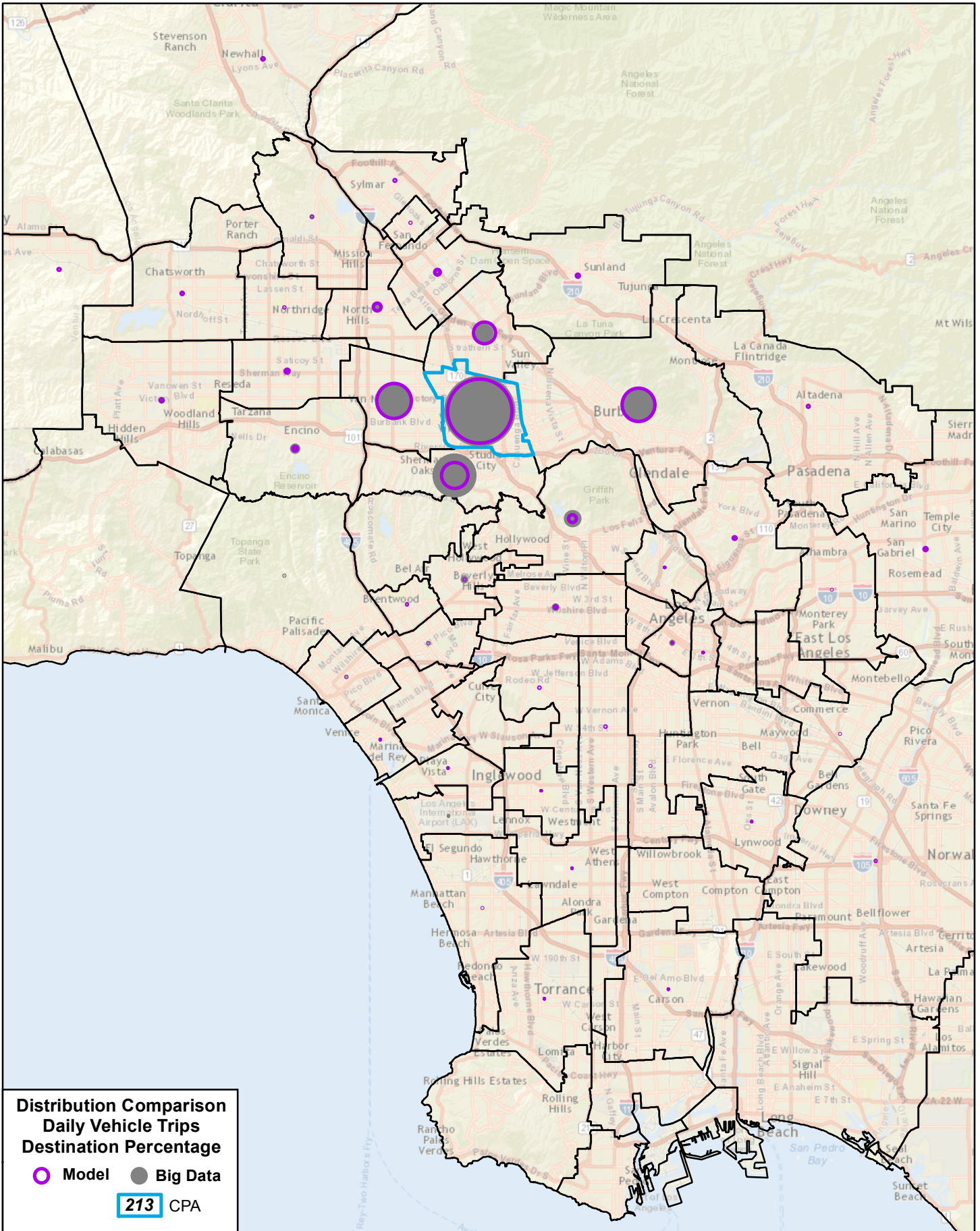
Central City North



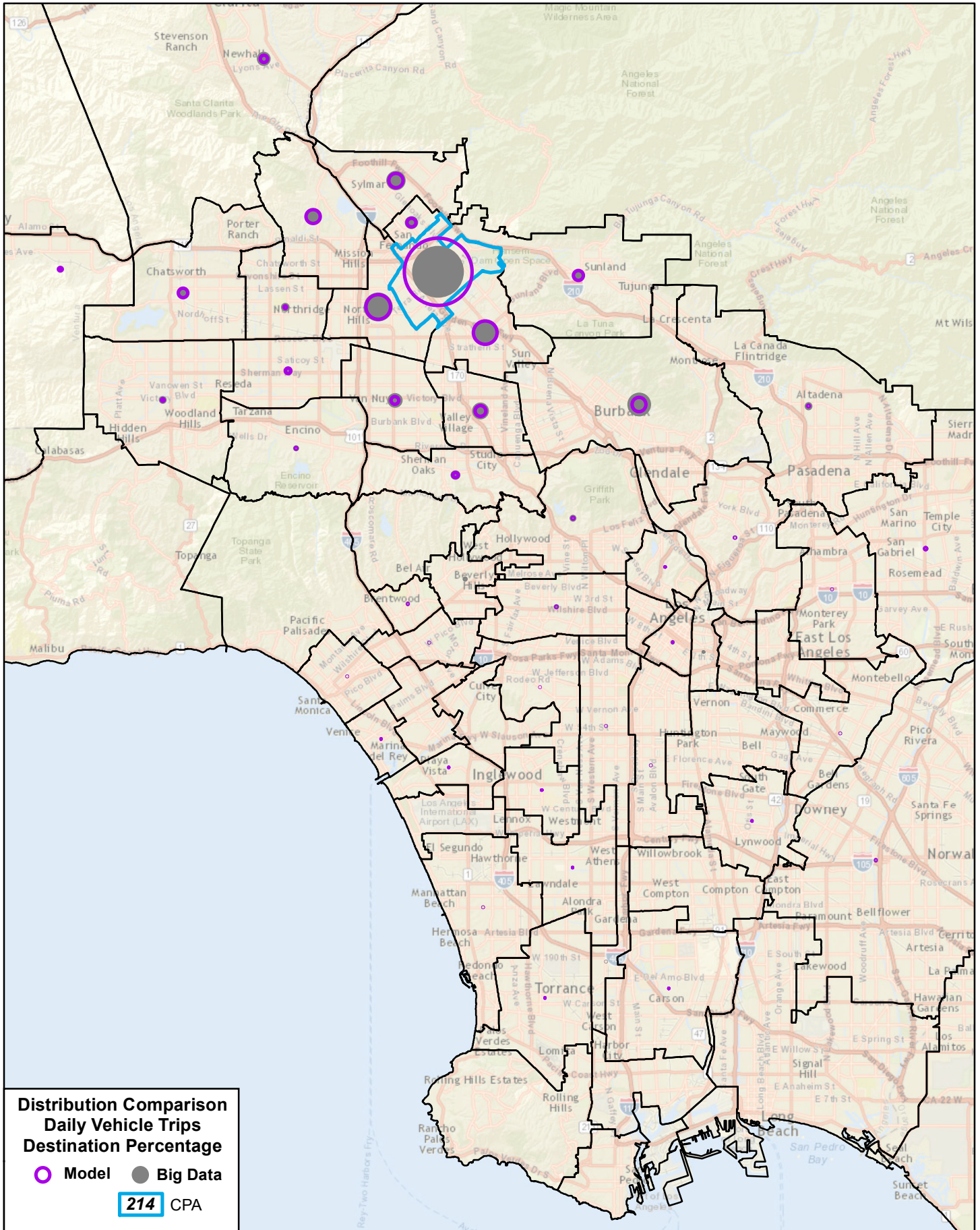
Sherman Oaks/Studio City/Toluca Lake/Cahuenga Pass



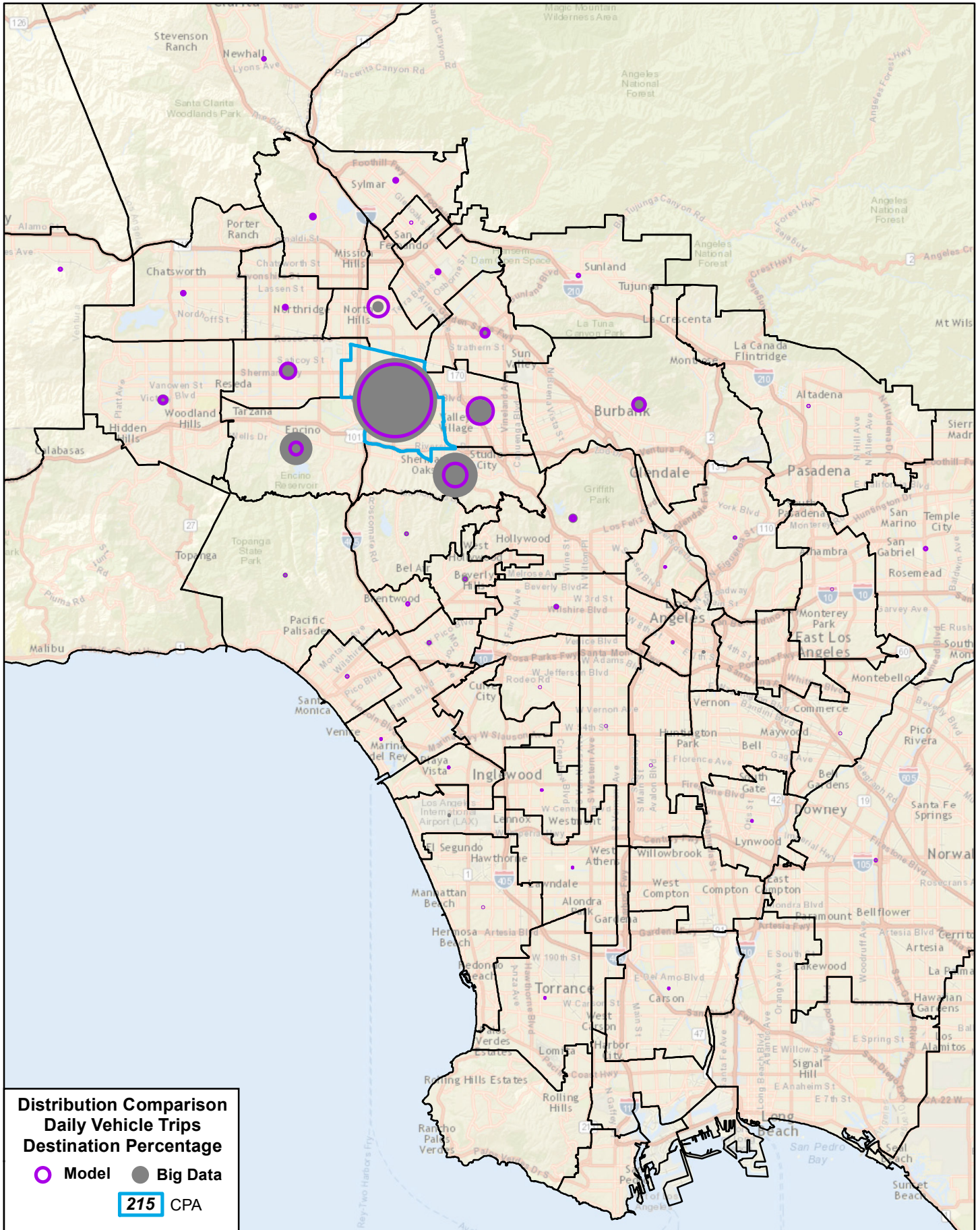
North Hollywood/Valley Village



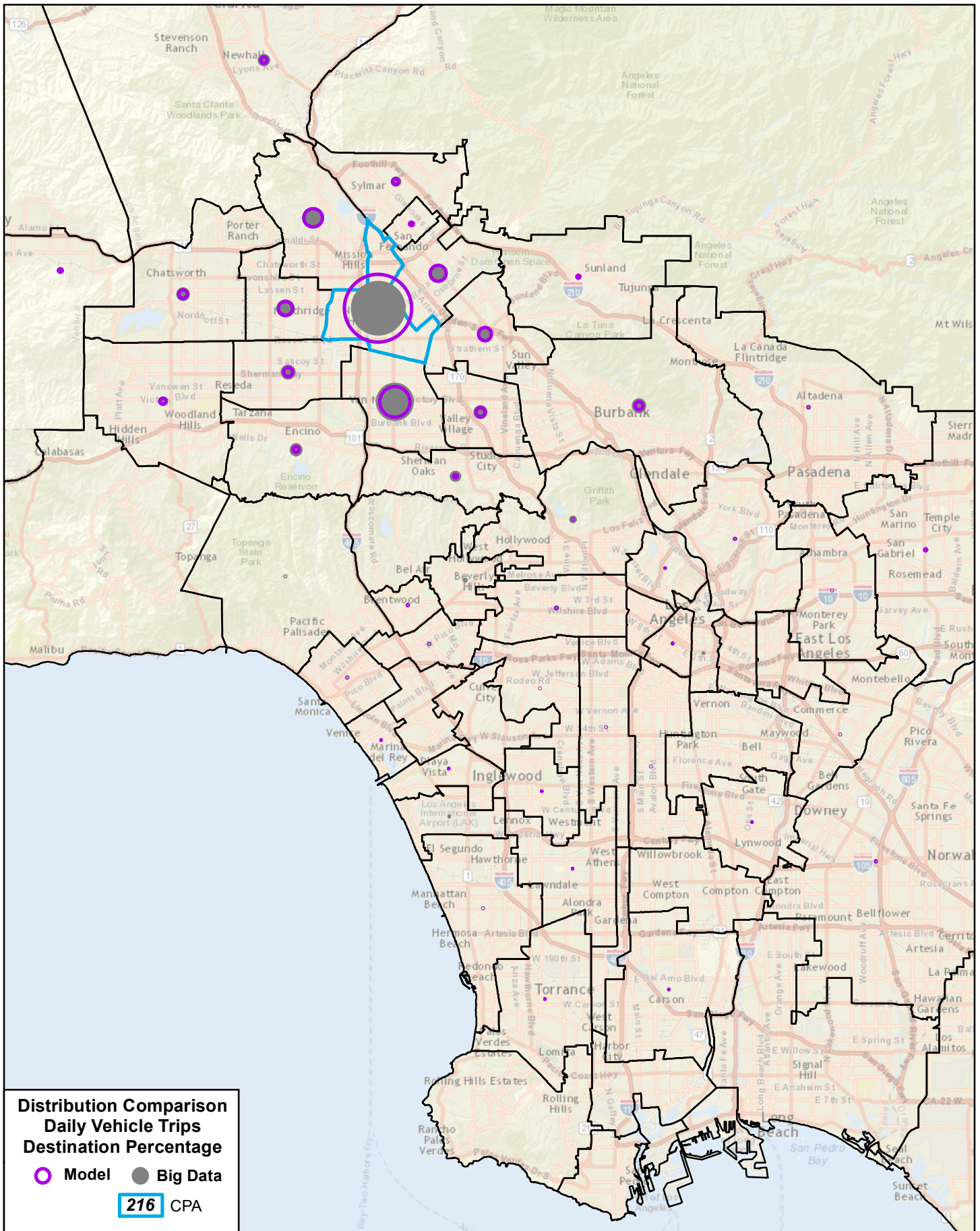
Arleta/Pacoima



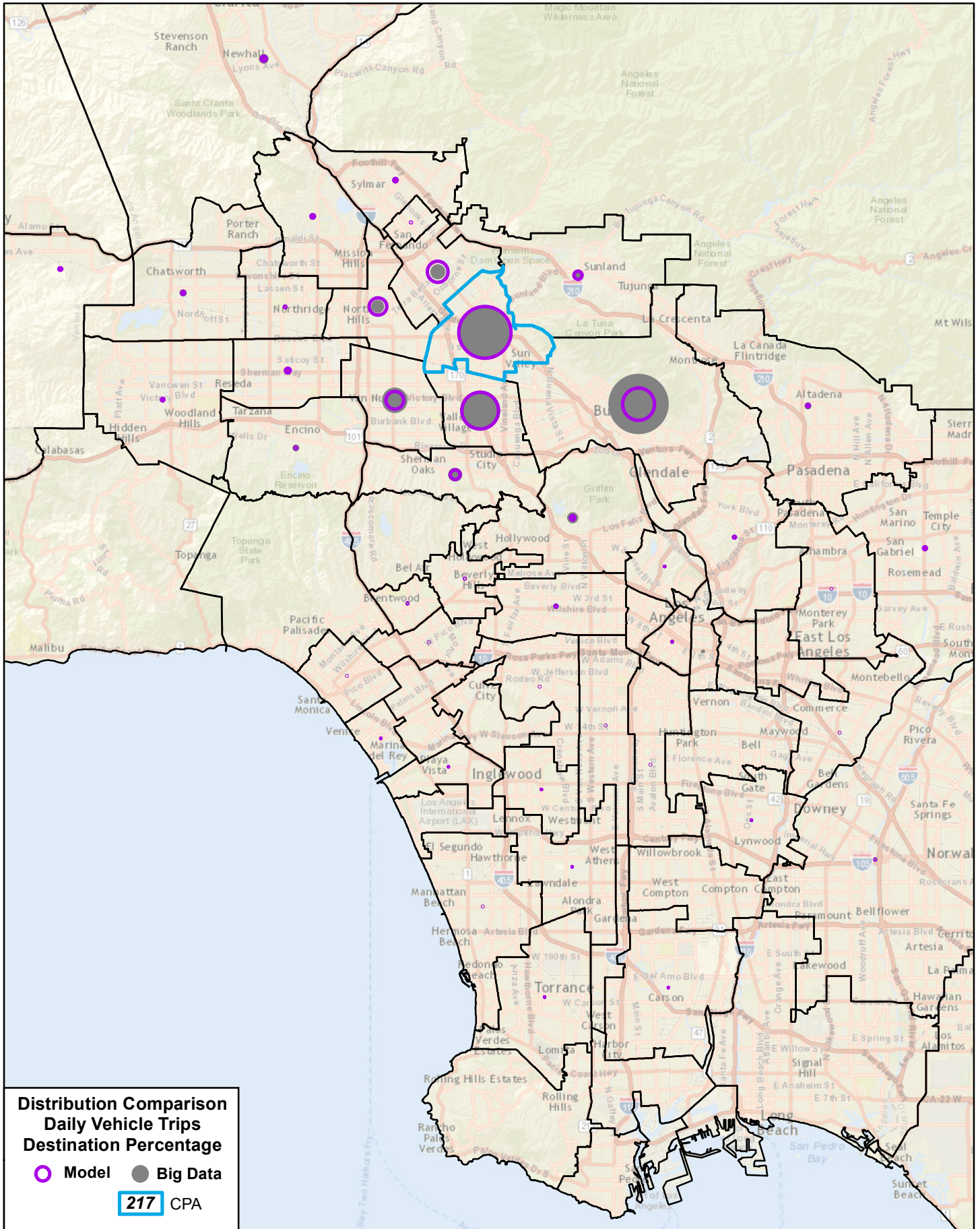
Van Nuys/North Sherman Oaks



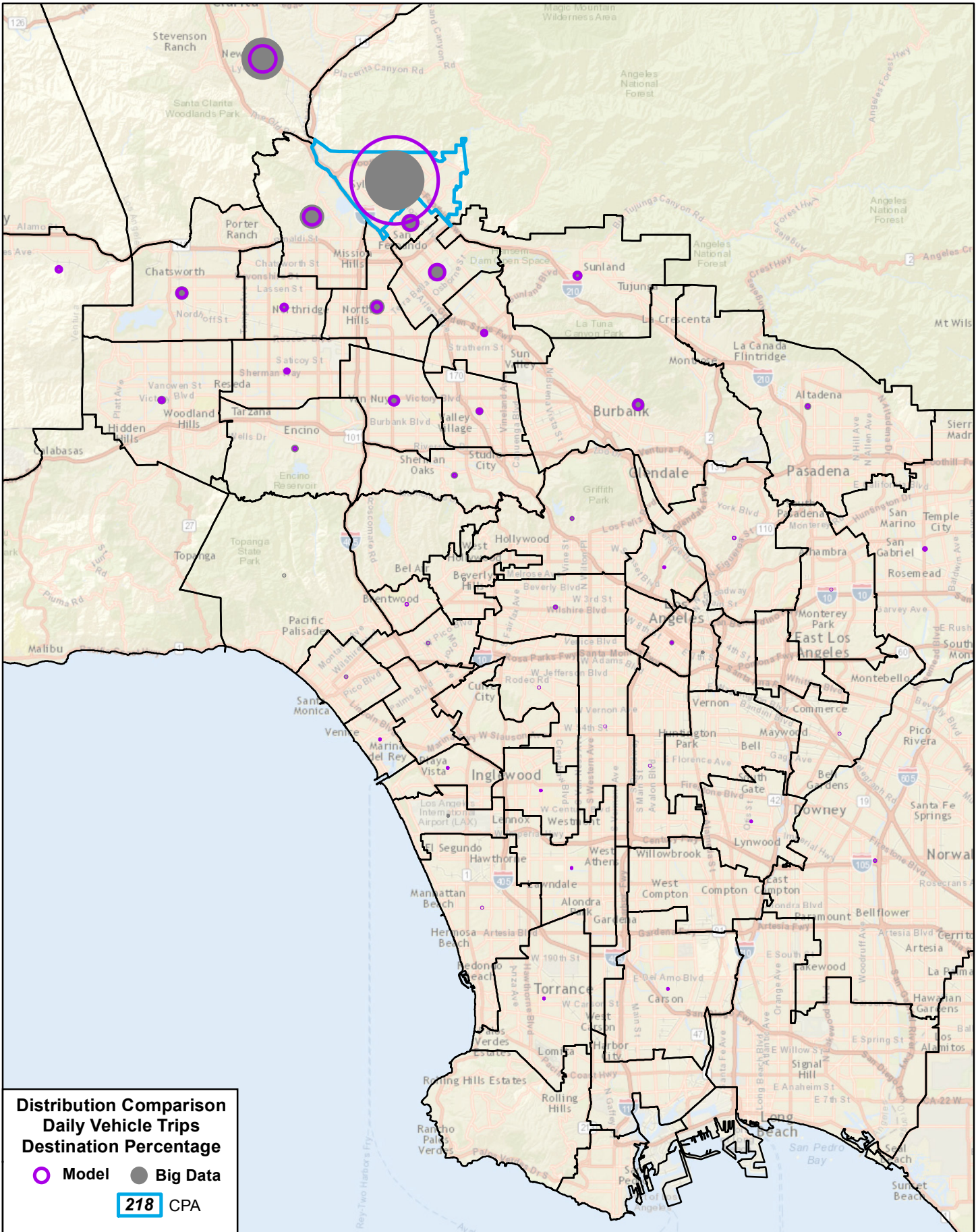
Mission Hills/Panorama City/North Hills



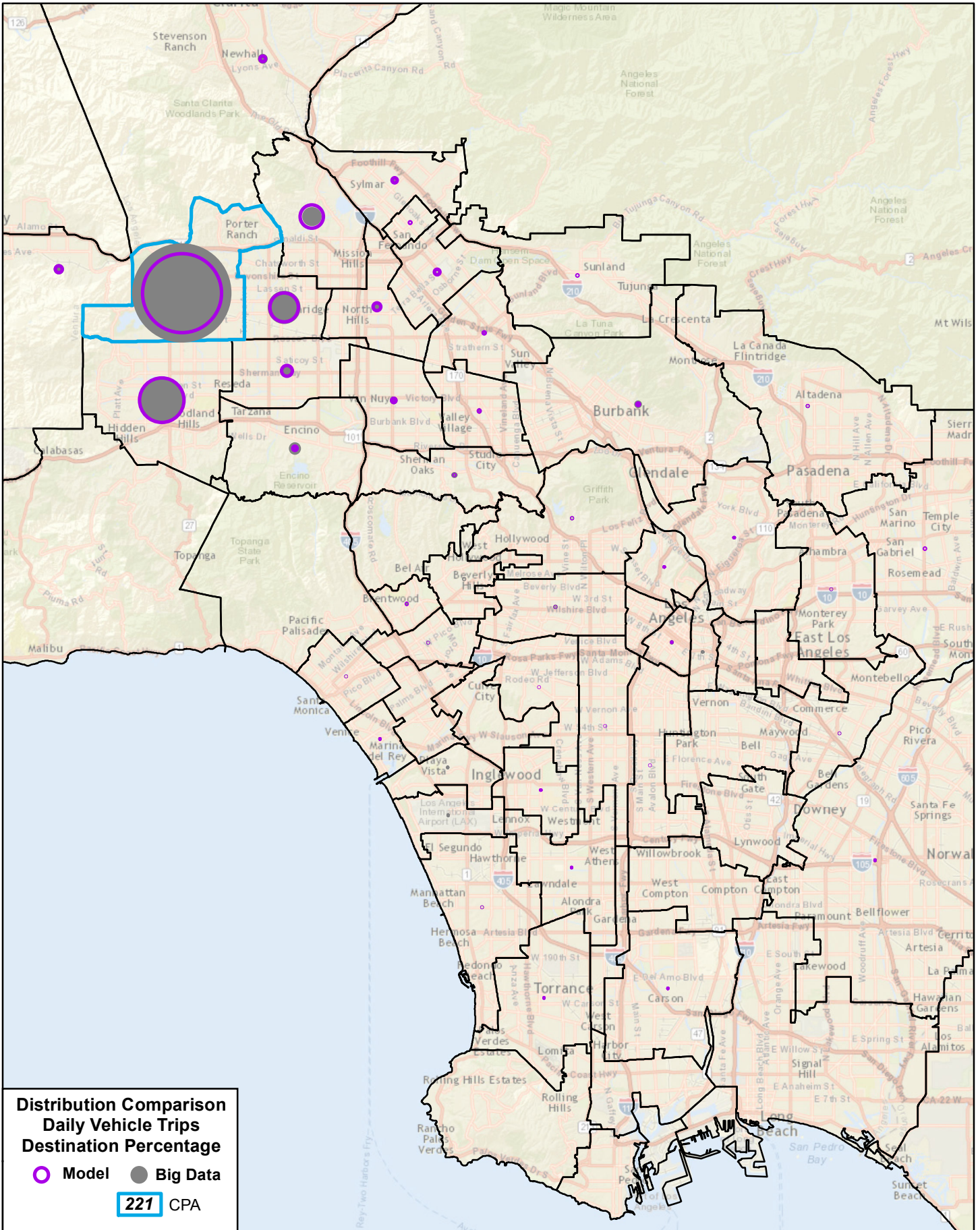
Sun Valley/La Tuna Canyon



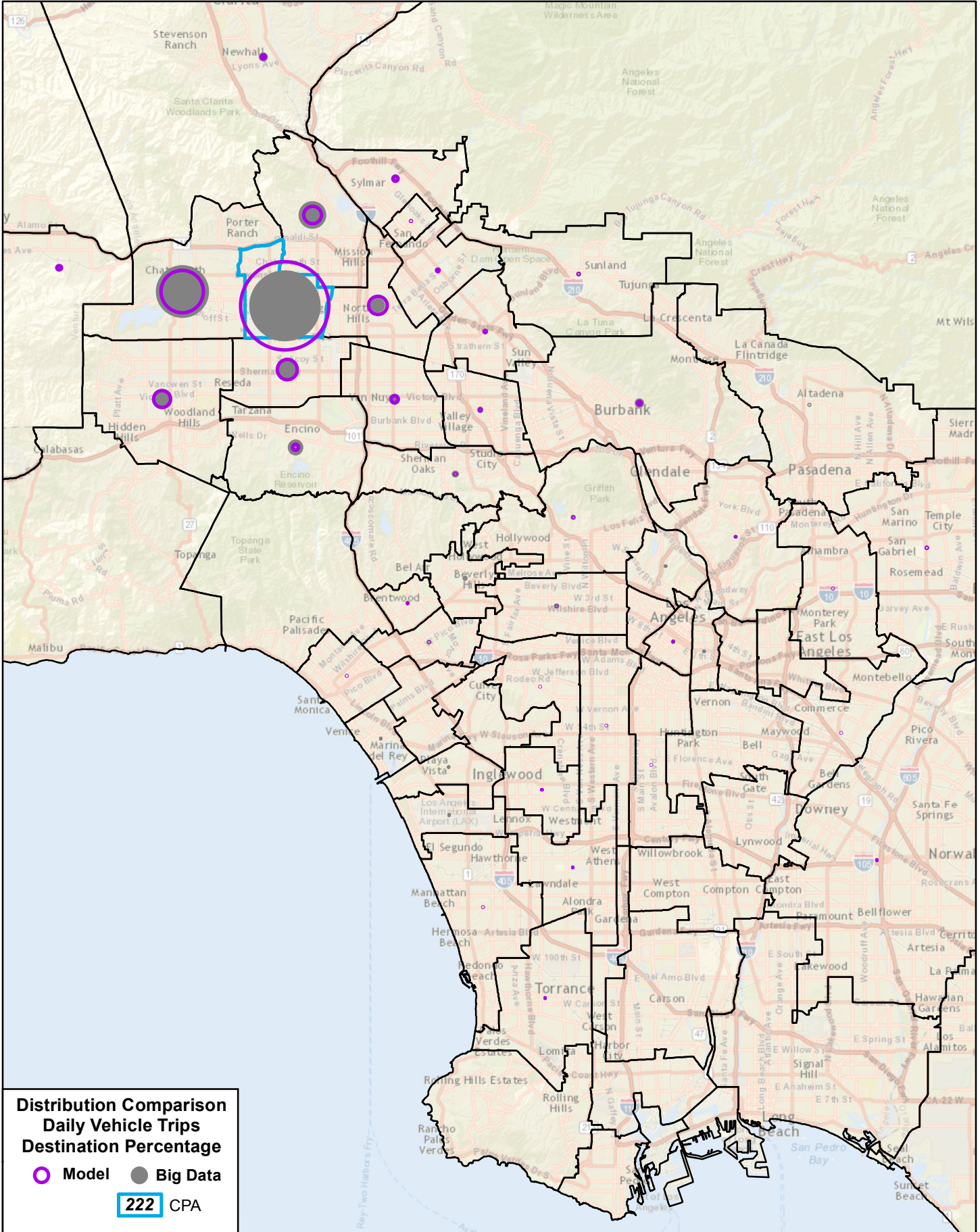
Sylmar



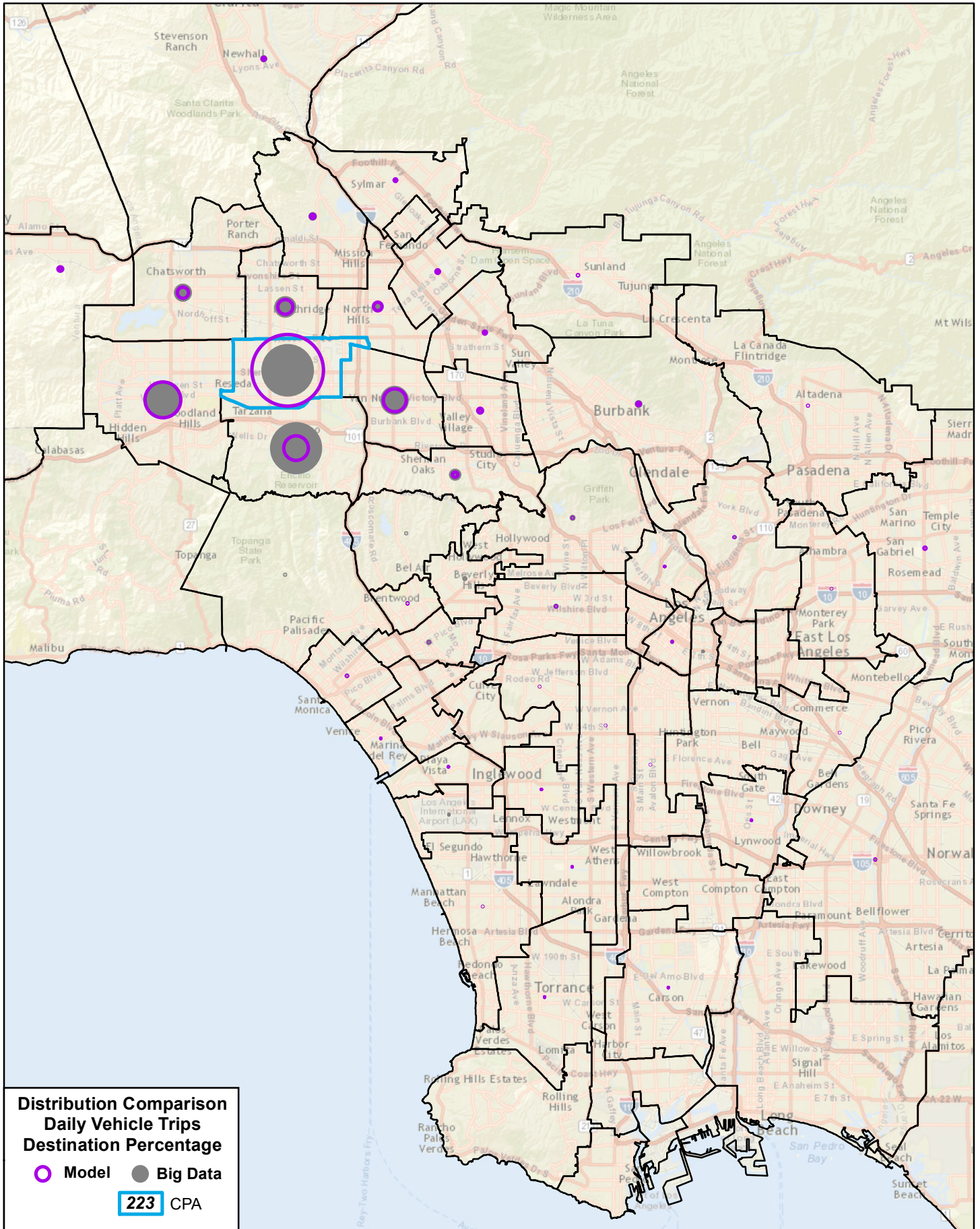
Chatsworth/Porter Ranch



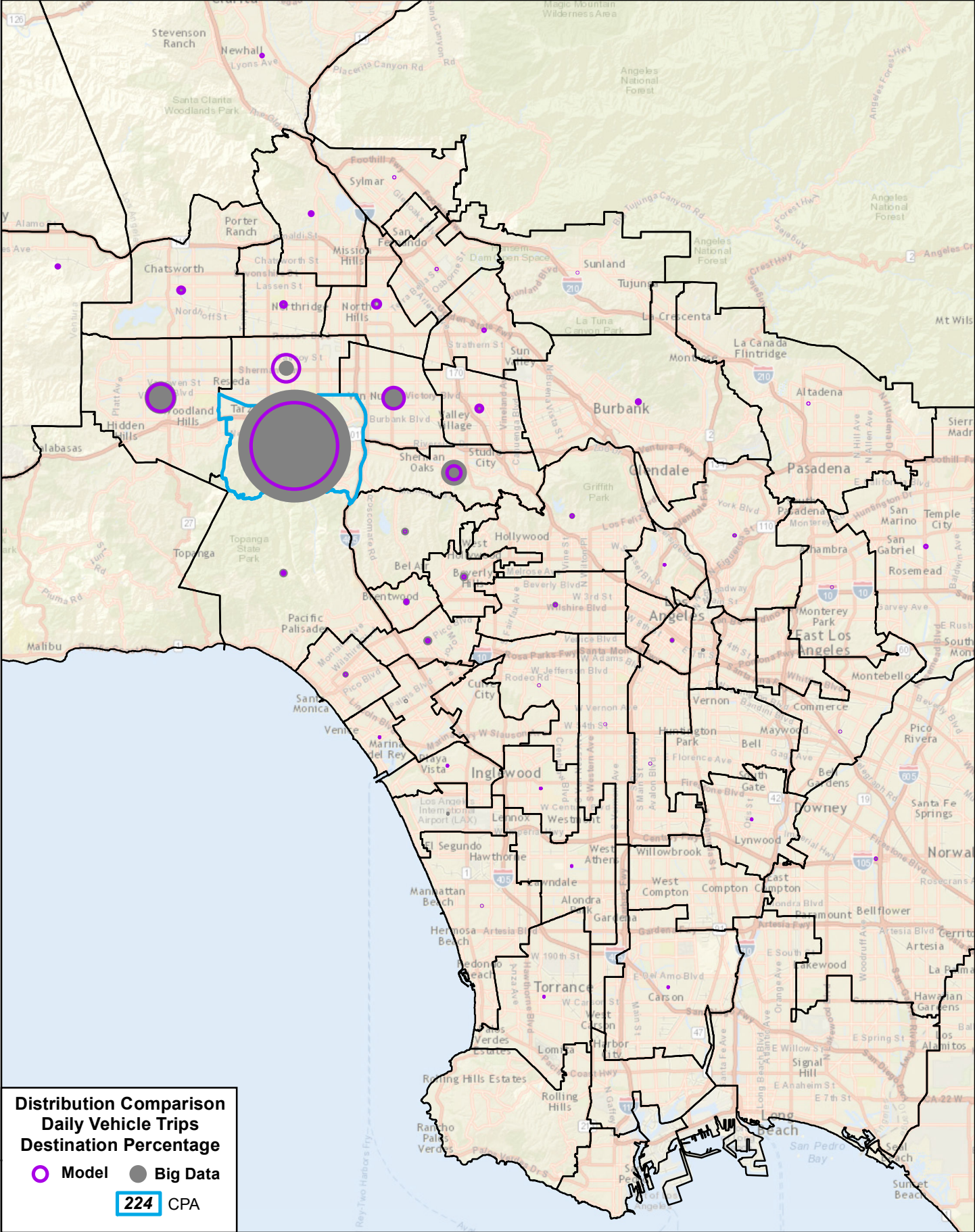
Northridge



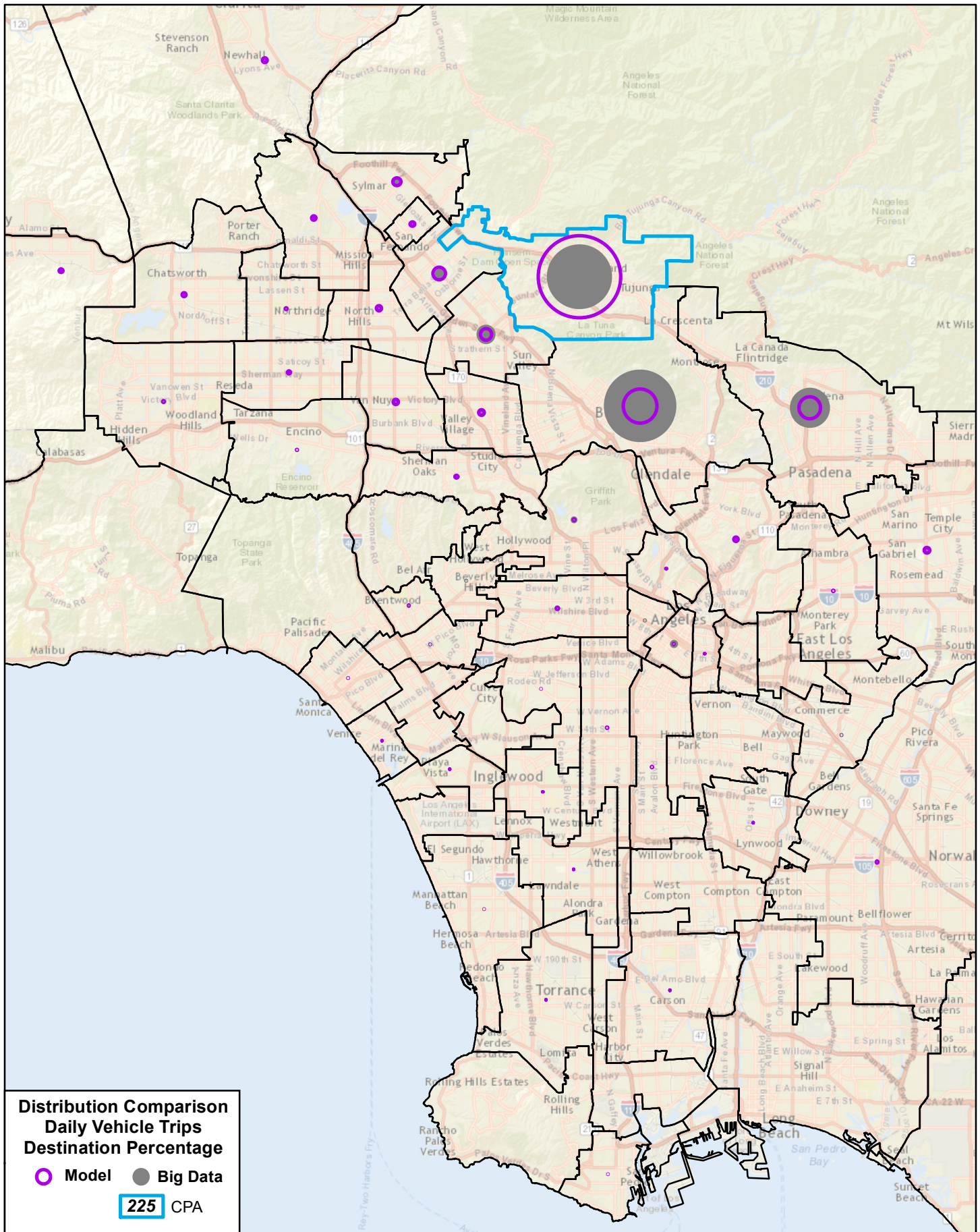
Reseda/West Van Nuys



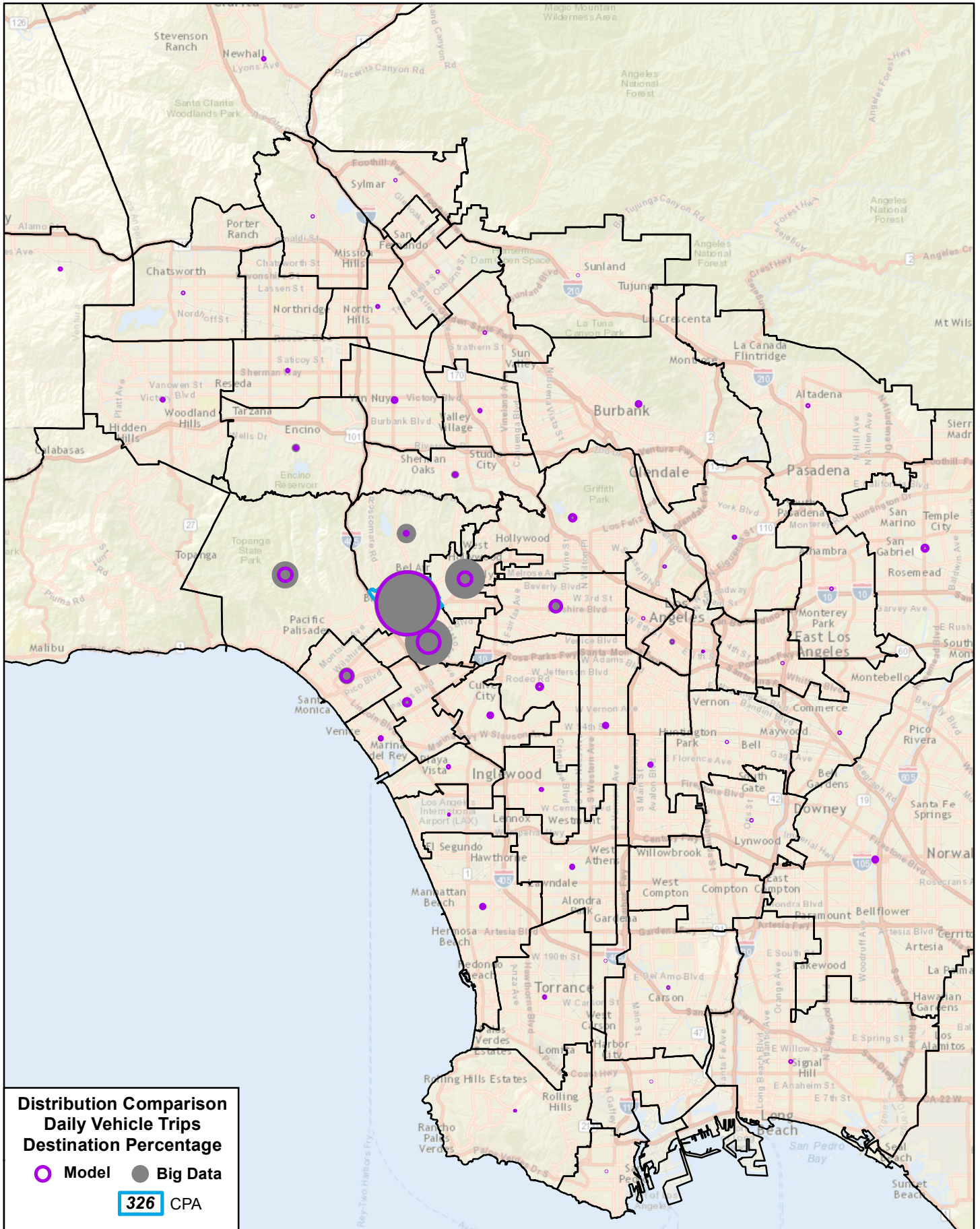
Encino/Tarzana



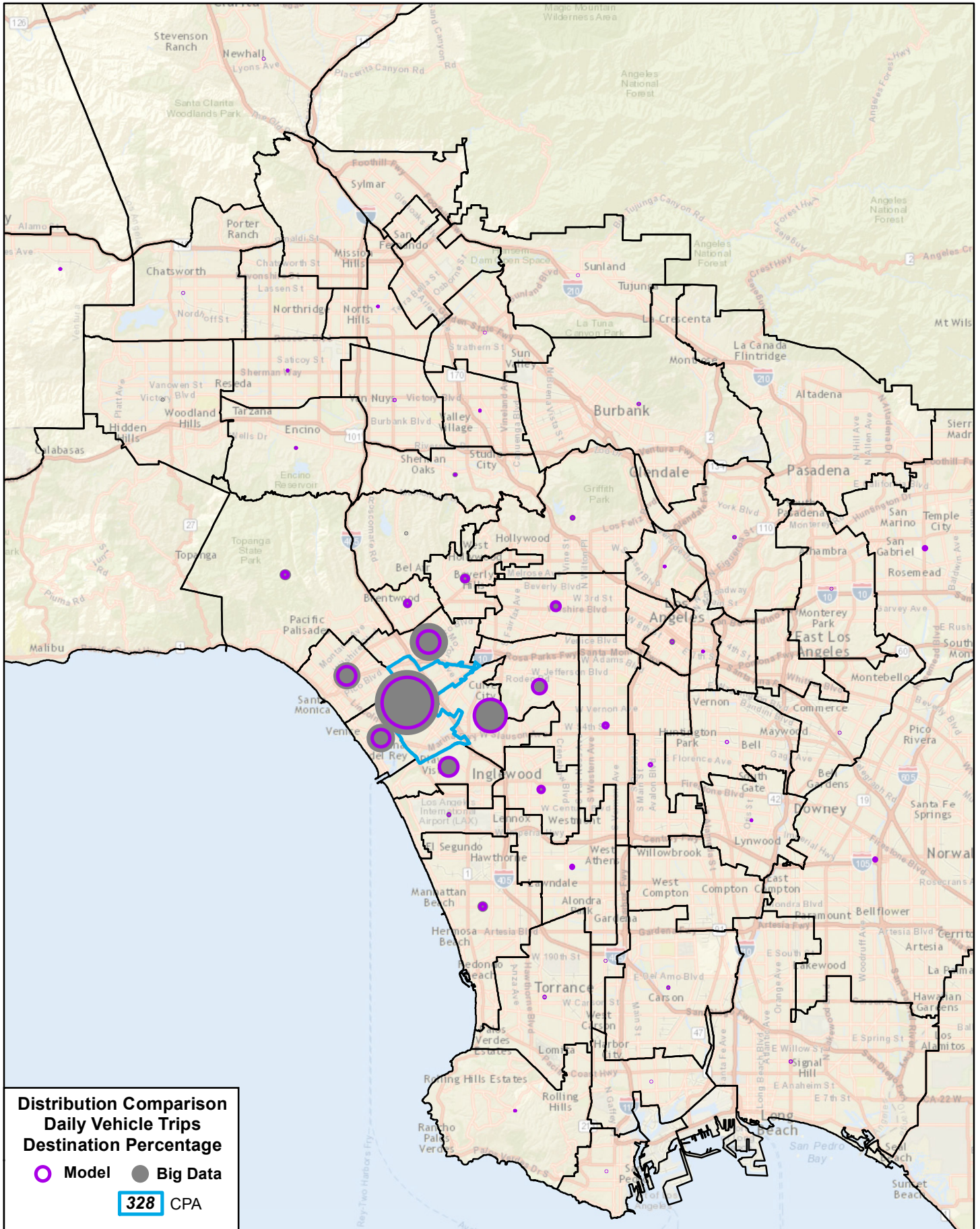
Sunland/Tujunga/Lake View Terrace/Shadow Hills/East La Tuna Canyon



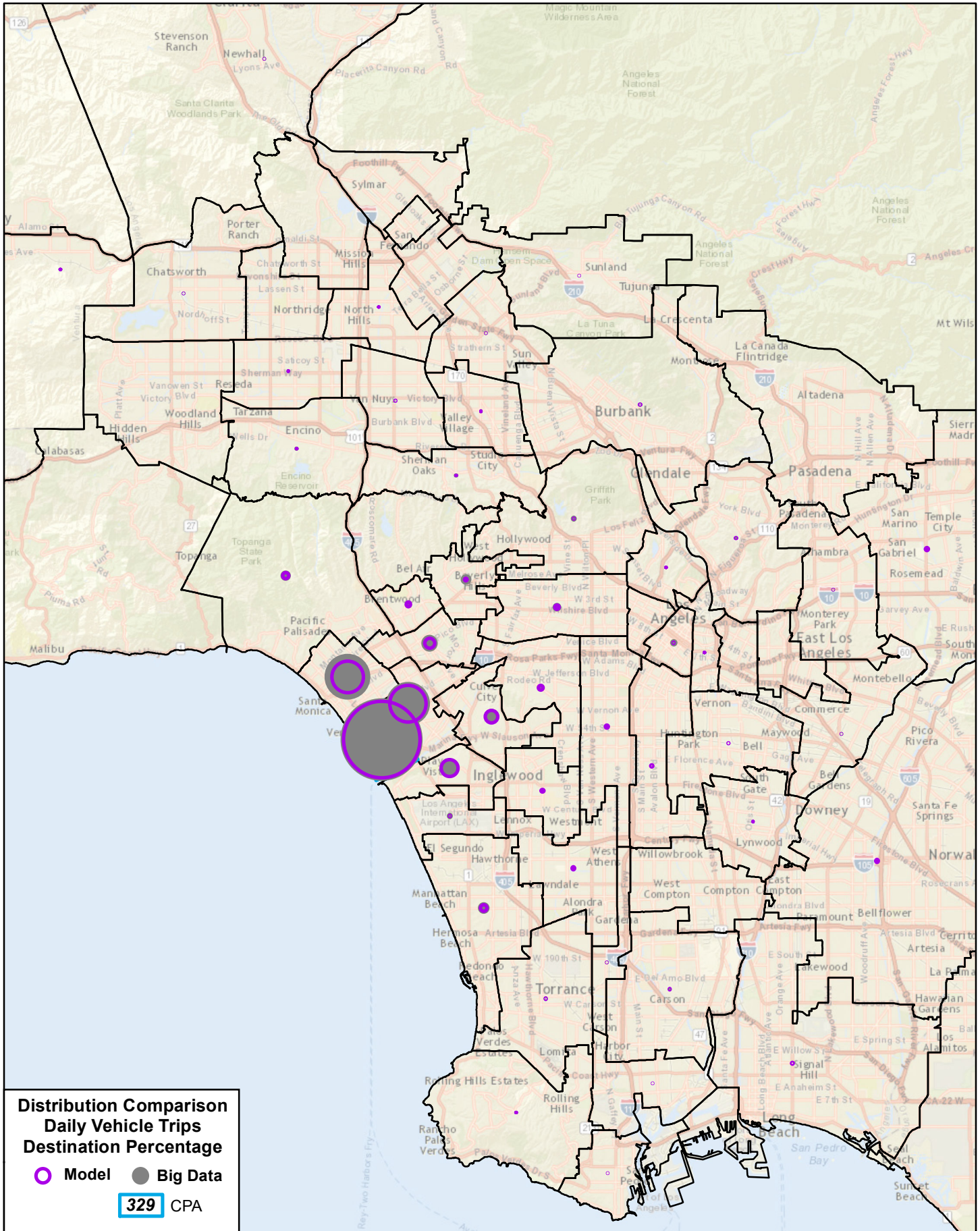
Westwood



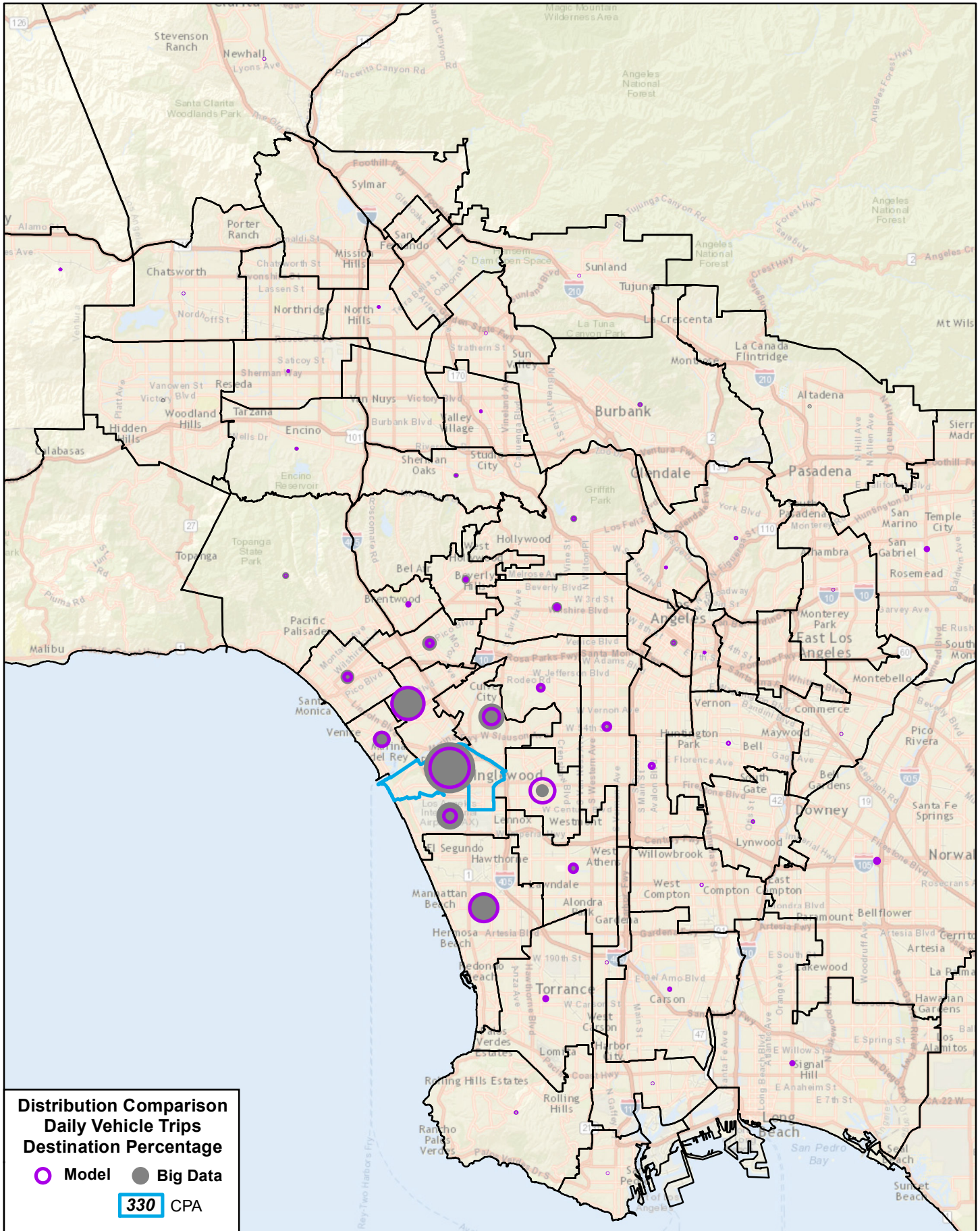
Palms/Mar Vista/Del Rey



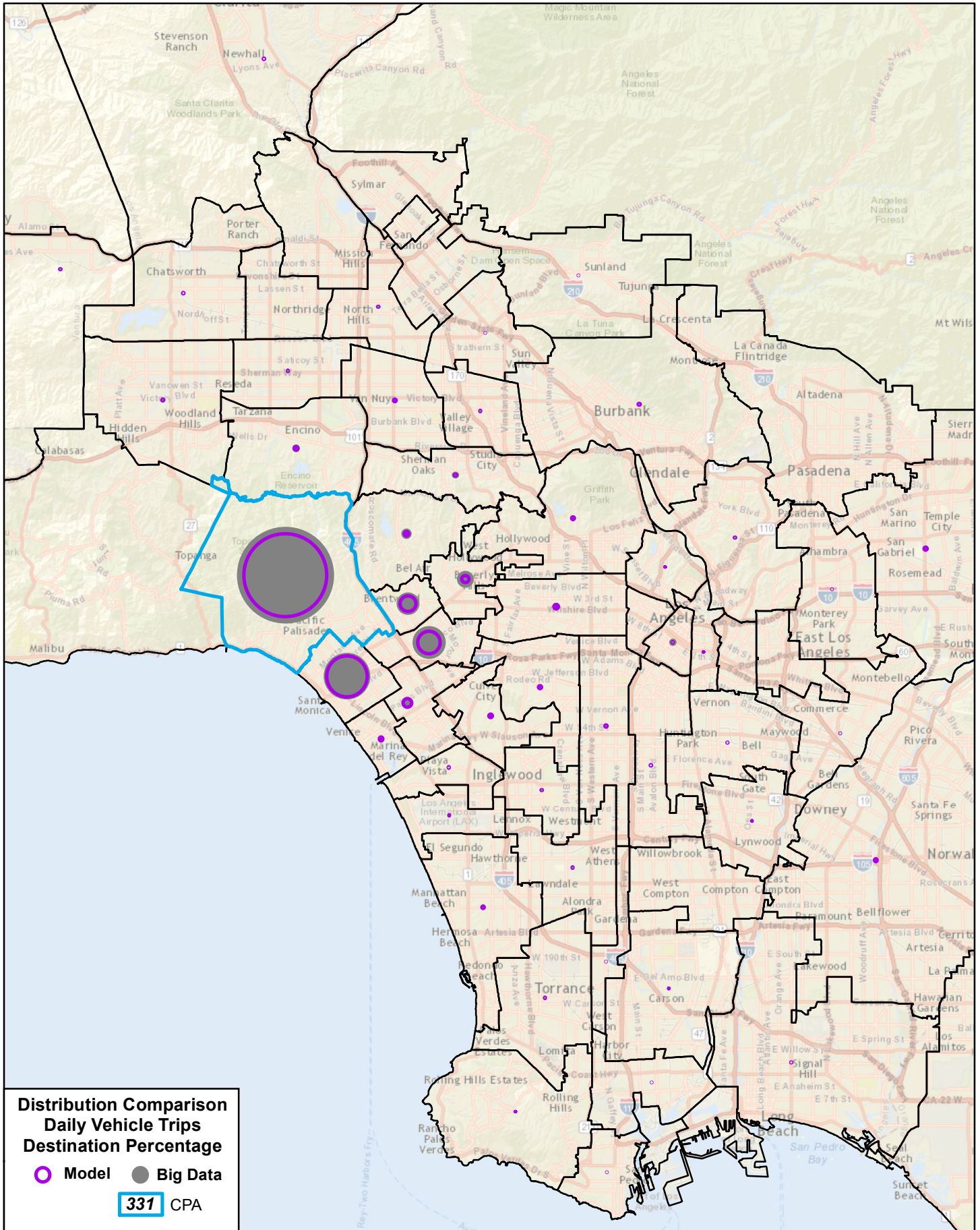
Venice/Marina Del Rey



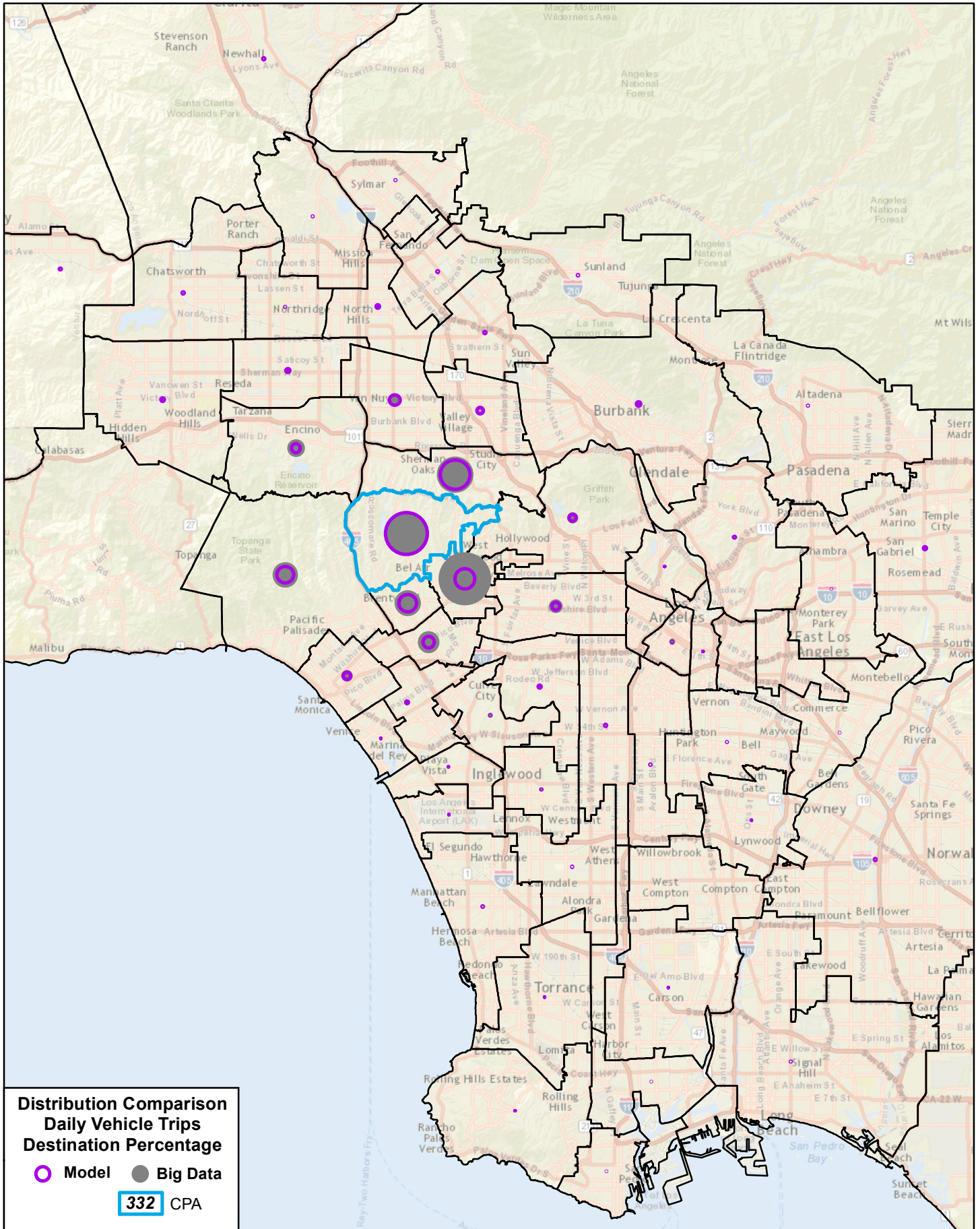
Westchester/Playa del Rey



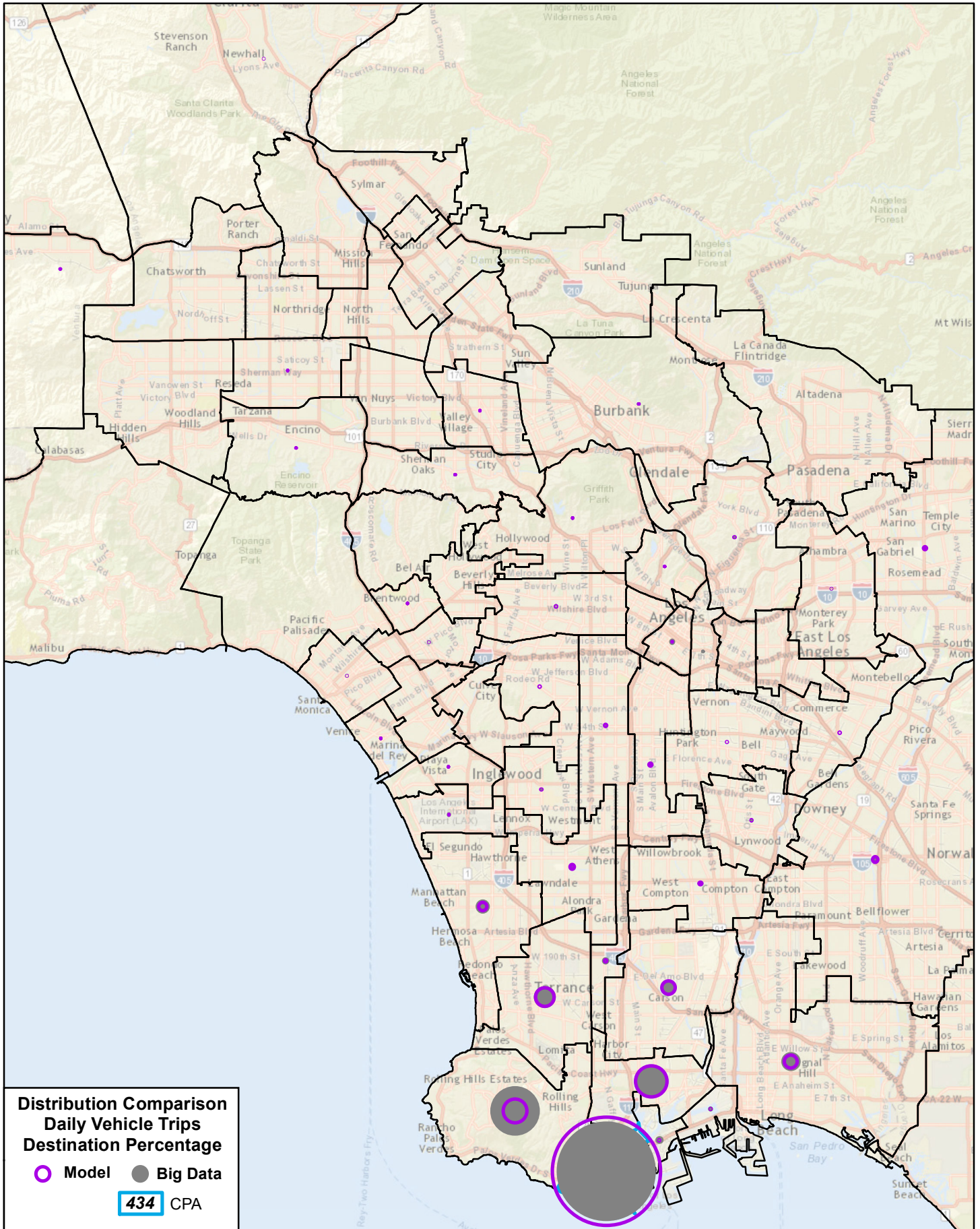
Brentwood/Pacific Palisades



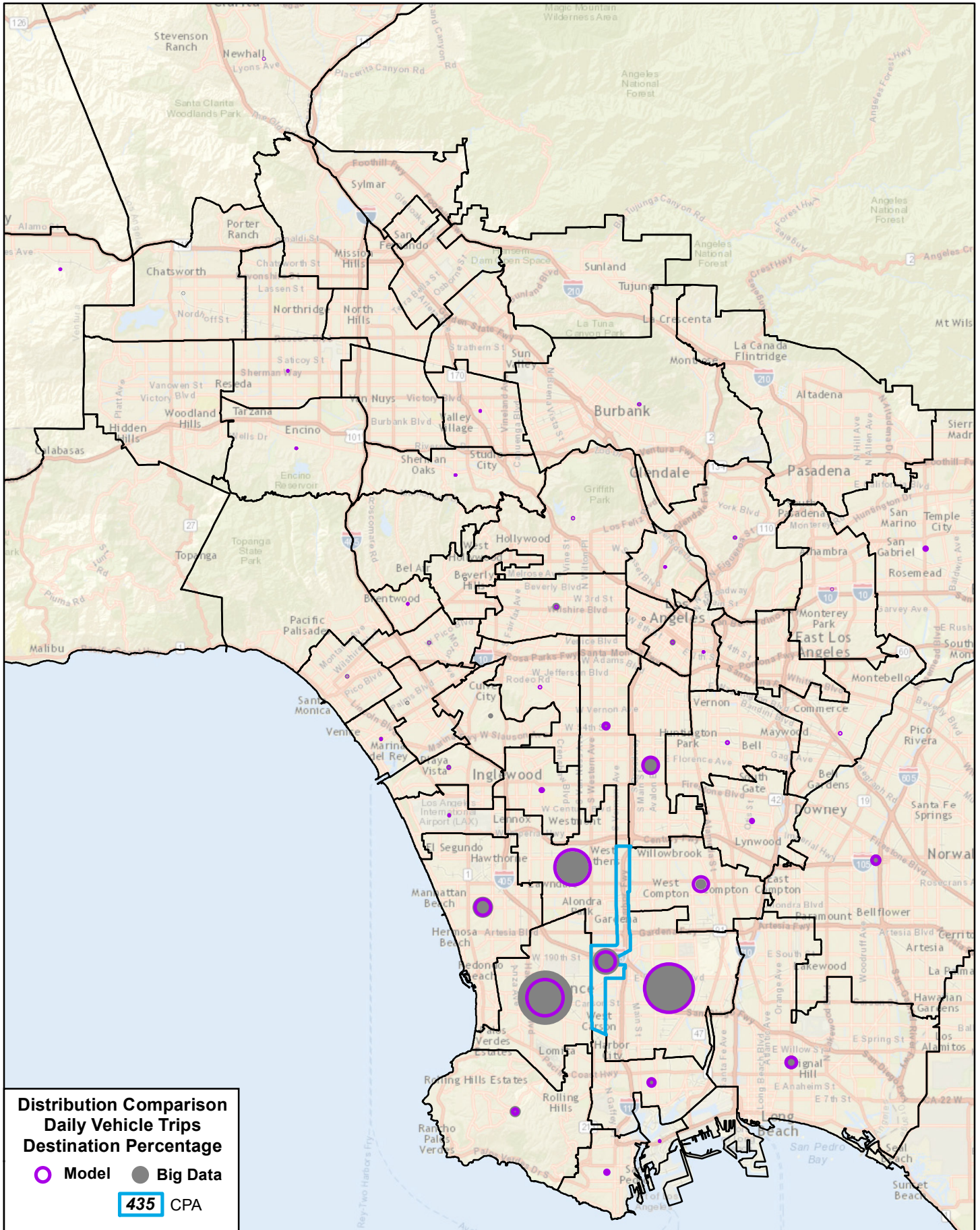
Bel Air/Beverly Crest



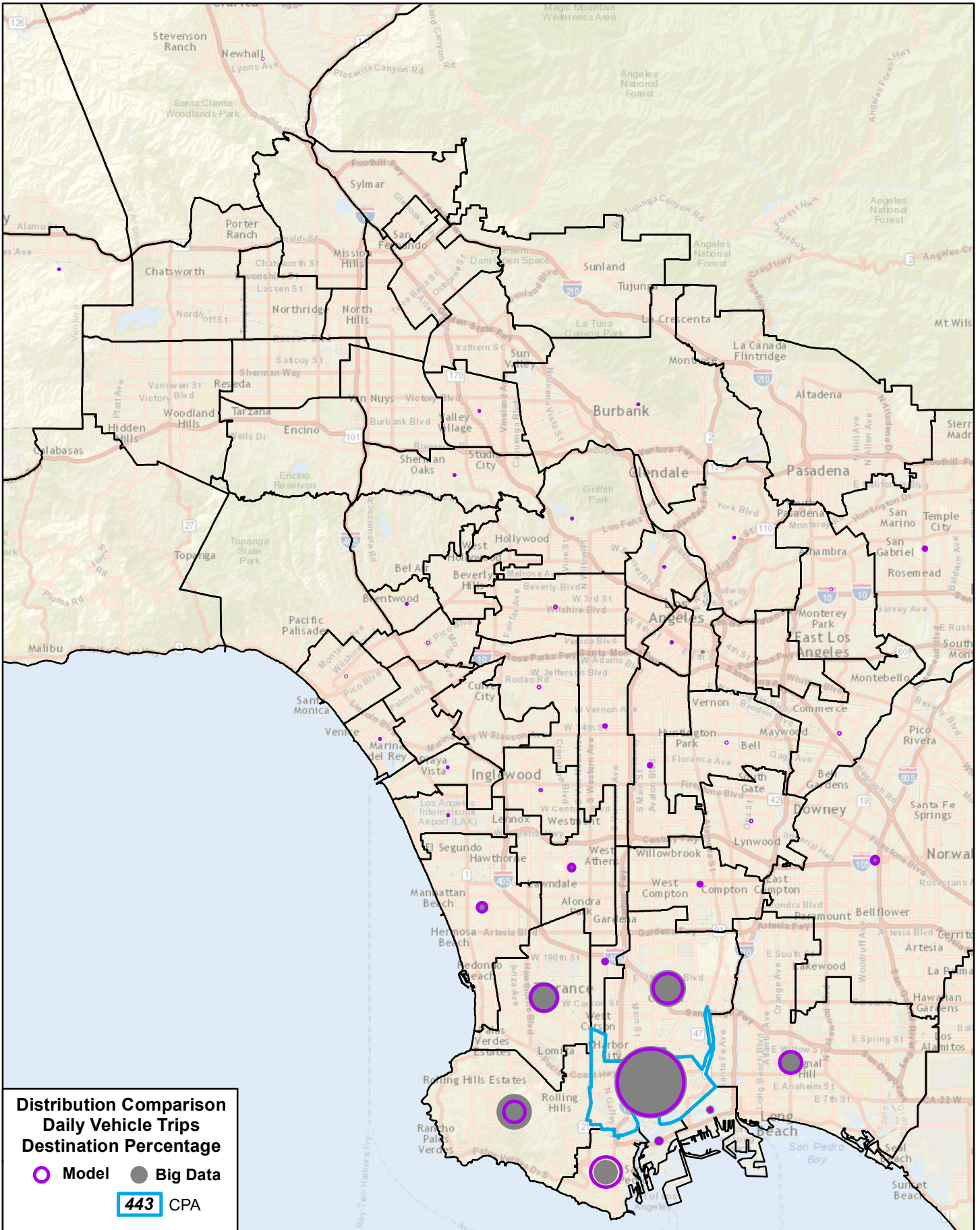
San Pedro



Harbor Gateway



Wilmington/Harbor City



**APPENDIX E:
ATSAC LOOP DATA COLLECTION**



RIITS INTRODUCTION

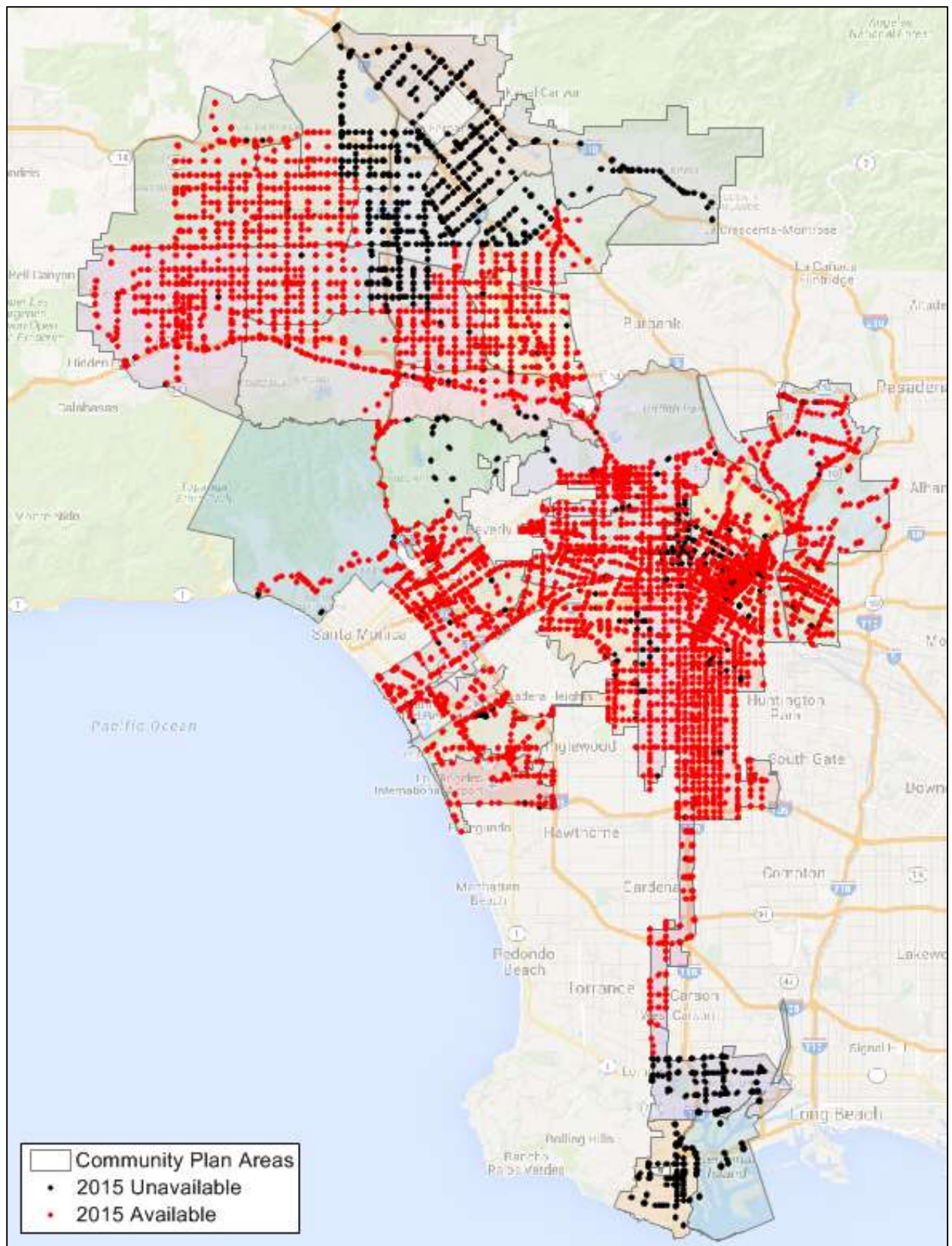
The Regional Integration of Intelligent Transportation Systems (RIITS) is sponsored by The Los Angeles County Metropolitan Transportation Authority (Metro). Caltrans, City of Los Angeles Department of Transportation (LADOT), California Highway Patrol (CHP), Long Beach Transit (LBT), Foothill Transit (FHT) and Metro all contribute information collected through their own Intelligent Transportation Systems to the network using the Los Angeles County Regional ITS Architecture and National ITS Standards. The network supports information exchange in real-time between freeway, traffic, transit and emergency service agencies to improve management of the Los Angeles County transportation system and better serve the traveling public. RIITS also provides data to traveler information services of all kinds, which allows them to reach the widest possible audience.

LADOT LOOP DATA

LADOT provides processed loop data from the Automated Traffic Surveillance and Control System (ATSAC) that is archived by RIITS approximately once a minute for all signalized intersections across the City of Los Angeles. The data archival process began in 2011 for a portion of the City and was expanded in 2015 to include most of the City. The data provided from ATSAC is based on the advance loops at traffic signals located several hundred feet from the stop bar for each approach. Based on the loop placement, the system can estimate the volume approaching an intersection on each approach but cannot provide turning movement information. This data source provides an alternative to collecting 24-hour tube counts but cannot replicate intersection turning movement counts. Since there are no loops on the departure lanes at an intersection, data from two different intersections is required to get mid-block volumes (for example the WB approach at intersection A and EB approach at intersection B).

The ATSAC loop locations are shown in the figure on the following page. Data from the red locations is currently being archived in the RIITS database. The black locations are not able to connect to RIITS currently and data from these locations is not available. Approximately 9,000 out of 11,000 loop detector locations have historic data archived in RIITS.

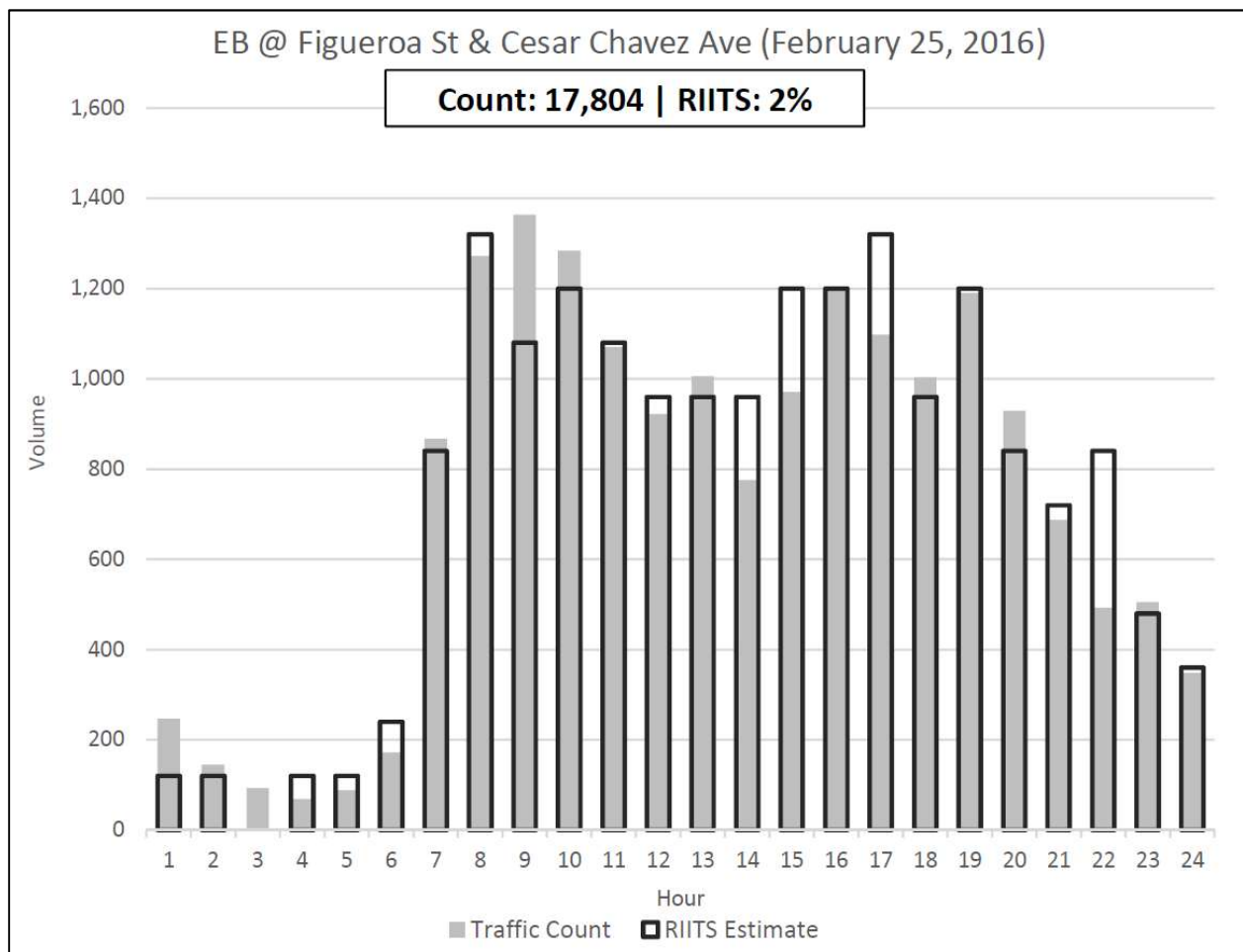
The ATSAC system processes the raw loop data to use as inputs into the traffic signal controller program. RIITS is not archiving the raw loop data, but instead is saving the processed results from ATSAC. Based on conversations with the RIITS team, it was determined that ATSAC calculates a rolling hourly average which RIITS is archiving every minute. It is unclear whether the speed and occupancy fields are also hourly averages or perhaps averaged over a different period of time. During the archival process the hourly volumes are divided by 120 and rounded to the nearest integer in order to calculate vehicle flow per 30 seconds.



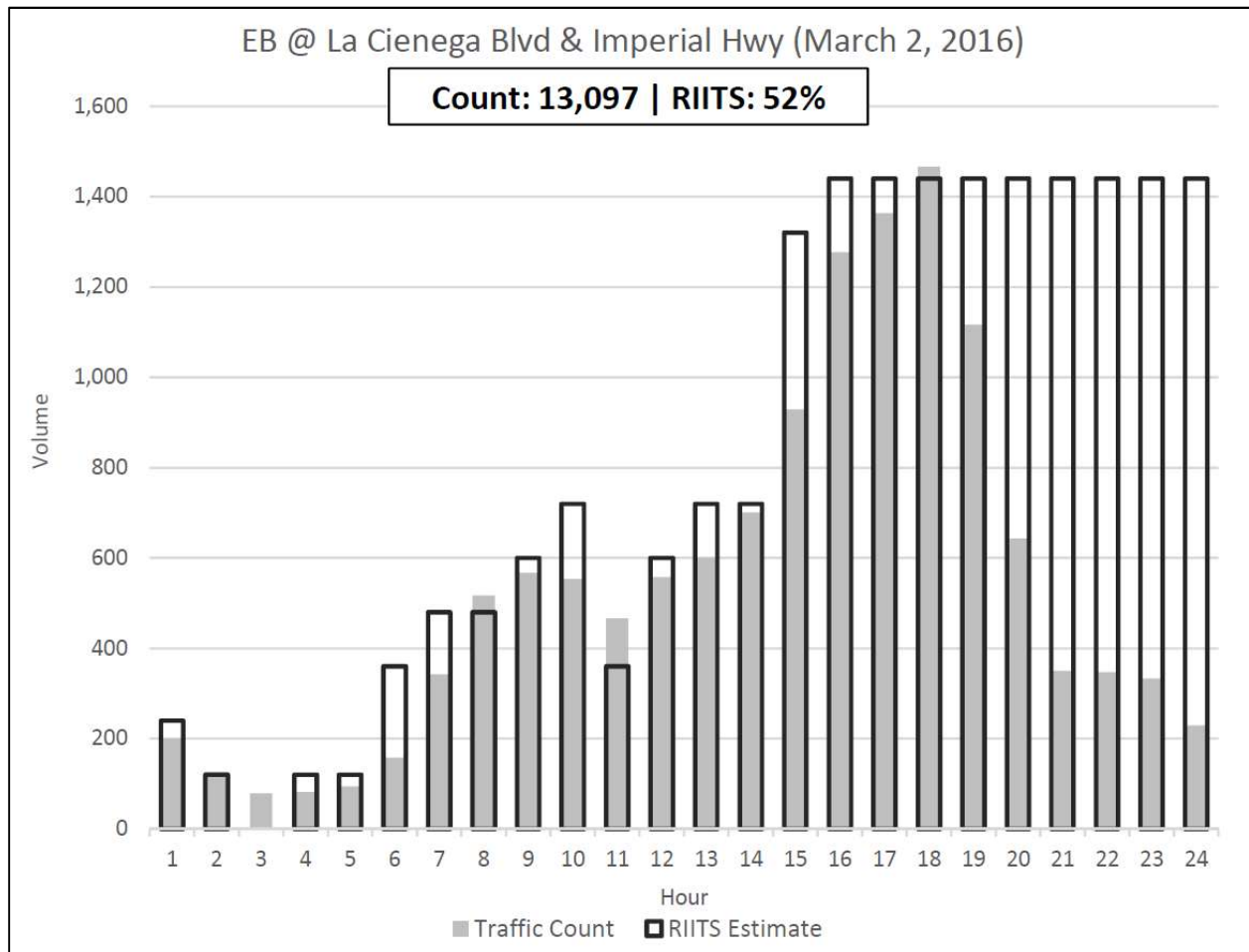
VOLUME VALIDATION

The volume data from the ATSAC system was validated against 24-hour tube counts collected at 9 intersections across the City of Los Angeles during February and March 2016. Counts were collected at each of the four approaches at each intersection as close as possible to the advance detection loops embedded in the pavement. Traffic counts were collected across the City at range of intersections with both high and low volumes.

The chart below shows a comparison between the observed count data and ATSAC loop data for the eastbound approach at Figueroa St. & Cesar Chavez Ave. The daily volume distribution and volume estimate closely match between the two data sources. Across all of the study locations, the ATSAC data accurately replicated the daily traffic distribution, while matching the observed count volume within 20 percent.

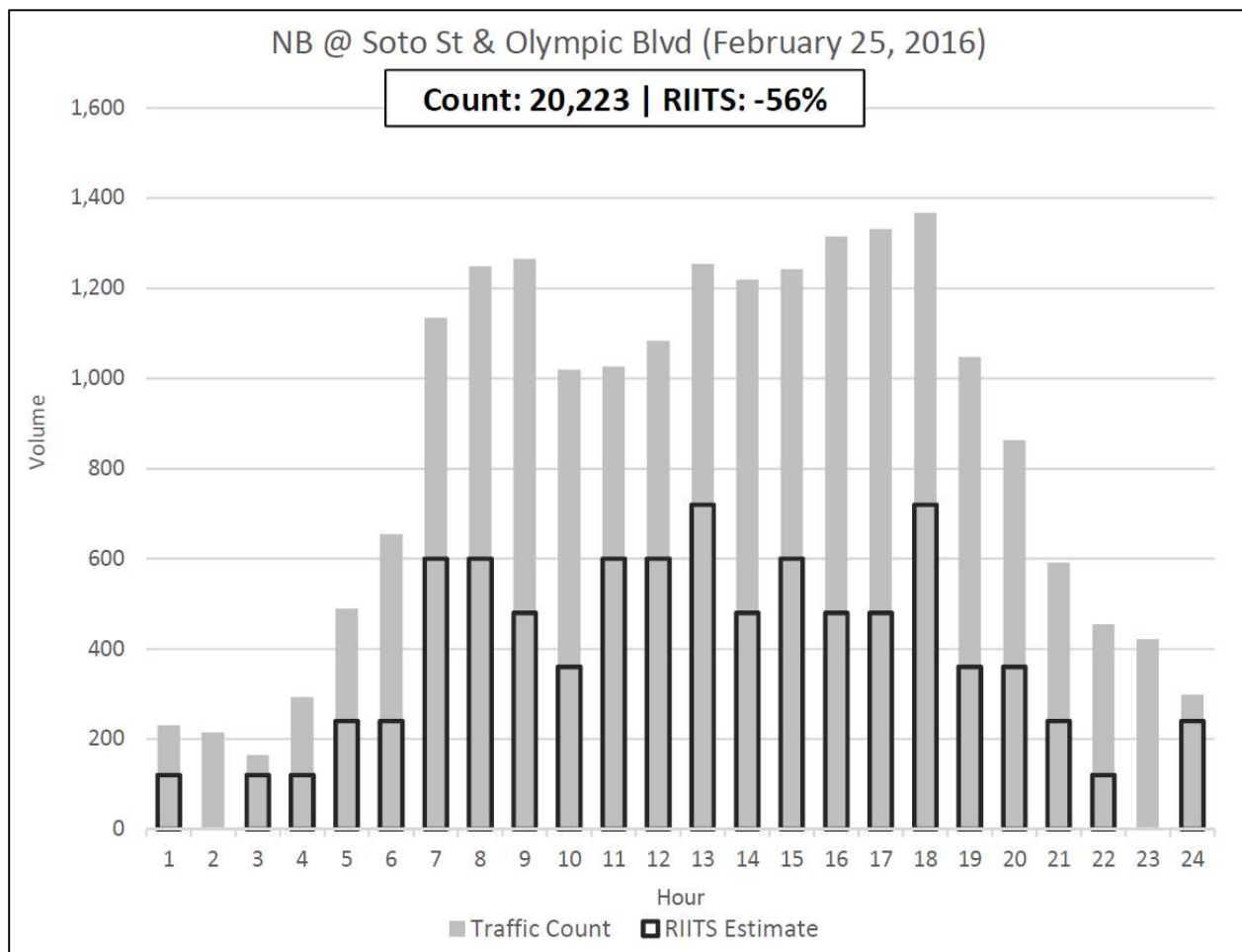


Two common errors were observed in the ATSAC data at several study locations. The first was a sensor failure that resulted in the same data being reported for several consecutive hours. This is shown in the chart below for the eastbound approach at La Cienega Blvd. & Imperial Hwy. These failures appear to be temporary and were not evident in data samples taken for the same location on other days in the study period. These errors are easy to identify in the raw data as the speed, occupancy, and volume values do not change from minute to minute.



The second type of error was more difficult to identify without a reference volume to compare the ATSAC estimate to, as shown in the chart on the next page for the northbound approach at Soto St. & Olympic Blvd. The ATSAC data closely matches the relative distribution of traffic volumes throughout the day but appears to be only counting half of the vehicles on the roadway. This could be due to a broken loop or an error in the ATSAC estimation process, however there is no indication in the raw data to indicate an error with the reported data.

For the several locations in the validation study that exhibited similar behavior, the best indication of this error was an imbalance in the opposing approach volumes. For most locations, the daily northbound and southbound volumes or eastbound and westbound volumes should be similar in magnitude. A significant imbalance, plus or minus 50 percent, indicates a potential issue and engineering judgment should be used to determine whether the data is valid. The average traffic volume from Fall 2015 (for Tuesdays-Thursdays in September-November) was calculated from the ATSAC data and this error is consistent throughout that time period. Whatever system error is causing this discrepancy appears to be consistent and cannot easily be filtered out of the results. While the results from locations with these systemic errors can indicate changes in traffic flow patterns over time, the data should not be used to estimate traffic volumes without compensating for any system error by applying a location-specific corrective factor.



The validation summary table on the following page shows a comparison of the daily traffic volume from the ATSAC system with the observed traffic count for each of the 36 study locations.

Intersection	Dir.	Count	ATSAC	Percent	Comment
Louise Ave & Devonshire St	NB	2,985	2,520	-16%	
<i>Louise Ave & Devonshire St</i>	<i>SB</i>	<i>2,689</i>	<i>6,120</i>	<i>128%</i>	<i>Sensor failure.</i>
Louise Ave & Devonshire St	EB	13,790	15,480	12%	
Louise Ave & Devonshire St	WB	13,802	14,040	2%	
Laurel Canyon Blvd & Magnolia Blvd	NB	17,210	16,680	-3%	
Laurel Canyon Blvd & Magnolia Blvd	SB	17,340	17,520	1%	
Laurel Canyon Blvd & Magnolia Blvd	EB	11,609	9,480	-18%	
Laurel Canyon Blvd & Magnolia Blvd	WB	11,494	10,440	-9%	
Topanga Canyon Blvd & Oxnard St	NB	23,421	24,720	6%	
Topanga Canyon Blvd & Oxnard St	SB	20,742	5,880	-72%	System error.
Topanga Canyon Blvd & Oxnard St	EB	6,530	5,640	-14%	
Topanga Canyon Blvd & Oxnard St	WB	7,337	6,600	-10%	
Figueroa St & Cesar Chavez Ave	NB	14,524	16,440	13%	
Figueroa St & Cesar Chavez Ave	SB	5,013	6,000	20%	
Figueroa St & Cesar Chavez Ave	EB	17,804	18,240	2%	
<i>Figueroa St & Cesar Chavez Ave</i>	<i>WB</i>	<i>15,811</i>	<i>19,800</i>	<i>25%</i>	<i>Sensor failure.</i>
Vine St & Hollywood Blvd	NB	17,097	18,240	7%	
<i>Vine St & Hollywood Blvd</i>	<i>SB</i>	<i>14,336</i>	<i>16,200</i>	<i>13%</i>	<i>Sensor failure.</i>
Vine St & Hollywood Blvd	EB	14,225	13,920	-2%	
Vine St & Hollywood Blvd	WB	15,049	16,560	10%	
Soto St & Olympic Blvd	NB	20,223	8,880	-56%	System error.
Soto St & Olympic Blvd	SB	19,828	18,240	-8%	
Soto St & Olympic Blvd	EB	12,269	10,800	-12%	
<i>Soto St & Olympic Blvd</i>	<i>WB</i>	<i>14,644</i>	<i>8,520</i>	<i>-42%</i>	<i>Sensor failure.</i>
Westwood Blvd & Wilshire Blvd	NB	12,992	13,440	3%	
Westwood Blvd & Wilshire Blvd	SB	13,379	12,480	-7%	
Westwood Blvd & Wilshire Blvd	EB	37,828	39,120	3%	
Westwood Blvd & Wilshire Blvd	WB	27,381	25,680	-6%	
La Cienega Blvd & Imperial Hwy	NB	11,310	5,160	-54%	System error.
La Cienega Blvd & Imperial Hwy	SB	11,055	8,880	-20%	
<i>La Cienega Blvd & Imperial Hwy</i>	<i>EB</i>	<i>13,097</i>	<i>19,920</i>	<i>52%</i>	<i>Sensor failure.</i>
<i>La Cienega Blvd & Imperial Hwy</i>	<i>WB</i>	<i>12,473</i>	<i>15,360</i>	<i>23%</i>	<i>Sensor failure.</i>
Broadway & Slauson Ave	NB	11,117	13,080	18%	
Broadway & Slauson Ave	SB	12,061	11,520	-4%	
Broadway & Slauson Ave	EB	19,305	19,920	3%	
Broadway & Slauson Ave	WB	10,449	14,880	42%	System error.

Six locations exhibited sensor failures which misreported volumes for several hours throughout the day. These types are temporary and easy to identify and filter out of the raw ATSAC data. Four locations exhibited more significant system calculation errors which appear to miscalculate the vehicular flow by a constant factor. While these volumes could be corrected by an adjustment factor, identifying the locations that are misreporting data is difficult without observed counts to reference or comparing the reported to data to nearby locations.

The ATSAC volume estimate at the remaining 26 locations are within 20 percent of the observed counts. Based on conversations with NDS, the company that collected the observed counts, they estimate the accuracy of tube counts to be within 15 percent of the actual volume. This confirms that when the ATSAC are working properly the loop data can be used to estimate mid-block traffic volumes.

DATA PROCESSING

Fehr & Peers has developed a process to download ATSAC data from the RIITS archive to a Fehr & Peers database and calculate average volumes which can be outputted as CSV summary files for use in Excel or ArcGIS software. SQL scripts were written to accomplish the following steps automatically:

1. Download the loop configuration data file from RIITS
2. Download hourly loop data from RIITS for the month of interest
3. Calculate quality statistics to determine if each loop is properly reporting data for each hour
4. Average the hourly results over the entire study period using only good data records
5. Join the configuration data and export resulting table to CSV

**APPENDIX F:
HIGHWAY VALIDATION**



STATIC HIGHWAY VEHICLE VOLUME VALIDATION

ID	LOCATION	DAILY				AM PERIOD (6-9AM)				PM PERIOD (3-7PM)			
		COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST
10005	FIGUEROA ST / MARTIN LUTHER KING JR BL - WB	30,192	16,951	-44%	FAIL	4,683	2,478	-47%	FAIL	7,602	5,034	-34%	FAIL
10048	HILL ST / WASHINGTON BL - SB	7,244	10,642	47%	FAIL	1,237	2,297	86%	FAIL	3,046	3,296	8%	PASS
10050	Main St / Washington Bl - SB	8,001	8,901	11%	PASS	1,288	1,253	-3%	PASS	3,157	3,788	20%	PASS
10064	FIGUEROA ST / JEFFERSON BL - SB	20,772	13,644	-34%	FAIL	3,622	2,257	-38%	FAIL	5,565	4,138	-26%	PASS
10065	GRAND AV / JEFFERSON BL - EB	9,825	9,455	-4%	PASS	1,582	1,888	19%	PASS	4,007	3,064	-24%	PASS
10076	ADAMS BL / MAIN ST - WB	15,331	10,964	-28%	PASS	3,737	3,193	-15%	PASS	4,163	2,695	-35%	FAIL
10081	ADAMS BL / MAIN ST - NB	16,507	12,462	-25%	PASS	3,698	3,732	1%	PASS	4,492	3,187	-29%	PASS
10082	ADAMS BL / MAIN ST - EB	9,548	12,086	27%	PASS	1,491	1,859	25%	PASS	3,831	4,197	10%	PASS
10086	JEFFERSON BL / VERMONT AV - SB	17,077	17,015	0%	PASS	2,430	3,193	31%	PASS	5,143	5,221	2%	PASS
10089	JEFFERSON BL / VERMONT AV - WB	12,825	15,753	23%	PASS	2,181	3,067	41%	PASS	4,012	4,525	13%	PASS
10128	ADAMS BL / VERMONT AV - WB	14,448	18,261	26%	PASS	2,656	3,676	38%	FAIL	4,349	4,934	13%	PASS
10129	ADAMS BL / VERMONT AV - NB	18,353	19,596	7%	PASS	3,600	4,001	11%	PASS	4,582	4,921	7%	PASS
10141	Adams Bl / Vermont Av - EB	13,867	14,016	1%	PASS	3,112	2,275	-27%	PASS	4,427	4,702	6%	PASS
10153	MARTIN LUTHER KING JR BL / VERMONT AV - SB	15,071	12,006	-20%	PASS	2,069	1,825	-12%	PASS	4,684	3,644	-22%	PASS
10196	Jefferson Bl / Vermont Av - NB	18,867	18,668	-1%	PASS	3,603	3,759	4%	PASS	4,623	5,090	10%	PASS
10199	JEFFERSON BL / VERMONT AV - EB	12,891	10,852	-16%	PASS	2,877	3,086	7%	PASS	3,768	3,075	-18%	PASS
10200	HOOVER ST / JEFFERSON BL - EB	8,942	8,741	-2%	PASS	1,670	1,548	-7%	PASS	2,403	2,754	15%	PASS
10202	HOOVER ST / JEFFERSON BL - WB	13,618	17,242	27%	PASS	2,707	3,659	35%	PASS	3,709	4,210	14%	PASS
10205	FIGUEROA ST / JEFFERSON BL - WB	10,270	11,176	9%	PASS	2,088	3,085	48%	FAIL	3,267	3,146	-4%	PASS
10208	FIGUEROA ST / JEFFERSON BL - EB	12,412	12,563	1%	PASS	2,155	2,393	11%	PASS	3,698	3,528	-5%	PASS
10230	Hill St / Jefferson Bl - WB	9,200	10,932	19%	PASS	2,360	3,007	27%	PASS	2,632	3,018	15%	PASS
10239	Exposition Bl / Western Av - WB	16,618	14,241	-14%	PASS	2,341	2,451	5%	PASS	4,514	3,220	-29%	PASS
10240	EXPOSITION BL / WESTERN AV - WB	11,269	12,010	7%	PASS	2,736	2,770	1%	PASS	3,508	3,062	-13%	PASS
10243	Exposition Bl / Western Av - NB	16,670	14,681	-12%	PASS	3,328	3,196	-4%	PASS	3,837	3,408	-11%	PASS
10259	Exposition Bl / Vermont Av - SB	17,482	19,795	13%	PASS	2,709	2,810	4%	PASS	5,329	5,629	6%	PASS
10261	Exposition Bl / Vermont Av - WB	12,574	14,017	11%	PASS	2,291	2,557	12%	PASS	3,928	4,134	5%	PASS
10265	Exposition Bl / Vermont Av - EB	12,565	13,000	3%	PASS	3,282	3,090	-6%	PASS	3,498	3,342	-4%	PASS
10315	FIGUEROA ST / MARTIN LUTHER KING JR BL - NB	18,244	15,530	-15%	PASS	6,099	4,590	-25%	PASS	3,271	3,572	9%	PASS
10323	MARTIN LUTHER KING JR BL / VERMONT AV - EB	22,467	21,510	-4%	PASS	4,663	4,552	-2%	PASS	5,800	5,624	-3%	PASS
10328	MARTIN LUTHER KING JR BL / VERMONT AV - WB	25,035	21,372	-15%	PASS	4,723	4,438	-6%	PASS	6,933	5,316	-23%	PASS
10345	Figueroa St / Martin Luther King Jr Bl - WB	17,108	18,604	9%	PASS	4,306	4,037	-6%	PASS	4,051	4,140	2%	PASS
10354	FIGUEROA ST / JEFFERSON BL - NB	24,163	26,948	12%	PASS	5,154	5,879	14%	PASS	6,408	6,511	2%	PASS
10361	MARTIN LUTHER KING JR BL / VERMONT AV - NB	14,423	15,877	10%	PASS	3,585	4,297	20%	PASS	3,339	4,082	22%	PASS
10372	VERMONT AV / VERNON AV - EB	21,775	16,457	-24%	PASS	3,699	3,887	5%	PASS	6,139	5,306	-14%	PASS
10379	VERMONT AV / VERNON AV - WB	11,967	10,349	-14%	PASS	1,946	1,375	-29%	PASS	3,023	3,764	25%	PASS
10385	Figueroa St / Vernon Av - NB	15,017	10,447	-30%	PASS	4,529	3,268	-28%	PASS	2,969	2,203	-26%	PASS
10449	ADAMS BL / VERMONT AV - SB	19,800	20,616	4%	PASS	3,173	4,000	26%	PASS	5,303	6,294	19%	PASS
10467	CENTRAL AV FIRESTONE BL / MANCHESTER AV - EB	20,575	16,739	-19%	PASS	3,202	3,240	1%	PASS	6,147	5,125	-17%	PASS
10468	CENTRAL AV FIRESTONE BL / MANCHESTER AV - SB	14,872	15,052	1%	PASS	2,112	2,815	33%	PASS	4,790	4,222	-12%	PASS
10501	Adams Bl / Broadway - WB	7,688	9,934	29%	PASS	1,520	2,760	82%	FAIL	1,981	2,546	29%	PASS
10502	Adams Bl / Broadway - NB	11,329	8,468	-25%	PASS	3,917	2,235	-43%	FAIL	2,719	2,432	-11%	PASS
10504	Adams Bl / Broadway - EB	9,835	7,160	-27%	PASS	1,535	1,195	-22%	PASS	2,732	2,799	2%	PASS
10505	ADAMS BL / BROADWAY - SB	8,578	11,720	37%	PASS	1,054	1,868	77%	FAIL	3,735	3,644	-2%	PASS
10508	Broadway / Jefferson Bl - WB	12,183	11,506	-6%	PASS	4,301	3,234	-25%	PASS	2,816	3,210	14%	PASS

STATIC HIGHWAY VEHICLE VOLUME VALIDATION

ID	LOCATION	DAILY				AM PERIOD (6-9AM)				PM PERIOD (3-7PM)			
		COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST
10510	Broadway / Jefferson Bl - NB	10,855	8,368	-23%	PASS	1,842	1,626	-12%	PASS	4,093	2,878	-30%	PASS
10511	Broadway / Jefferson Bl - EB	8,977	7,267	-19%	PASS	995	1,147	15%	PASS	4,081	2,599	-36%	FAIL
10513	Broadway / Jefferson Bl - SB	8,007	6,966	-13%	PASS	1,915	2,009	5%	PASS	2,228	1,915	-14%	PASS
10515	Broadway / Martin Luther King Jr Bl - WB	12,786	10,345	-19%	PASS	3,096	1,595	-48%	FAIL	2,750	2,872	4%	PASS
10518	BROADWAY / MARTIN LUTHER KING JR BL - NB	7,478	4,048	-46%	FAIL	2,443	1,173	-52%	FAIL	1,482	871	-41%	PASS
10520	Broadway / Martin Luther King Jr Bl - EB	8,729	11,863	36%	PASS	1,621	2,332	44%	PASS	1,446	2,748	90%	FAIL
10523	BROADWAY / MARTIN LUTHER KING JR BL - SB	8,571	3,949	-54%	FAIL	1,005	603	-40%	PASS	4,116	1,264	-69%	FAIL
10524	Broadway / Vernon Av - WB	15,233	14,151	-7%	PASS	2,696	2,214	-18%	PASS	3,592	3,782	5%	PASS
10526	Broadway / Vernon Av - NB	12,499	10,404	-17%	PASS	4,083	3,203	-22%	PASS	2,458	2,257	-8%	PASS
10528	Broadway / Vernon Av - EB	16,402	20,901	27%	PASS	2,253	4,201	86%	FAIL	4,359	4,587	5%	PASS
10531	BROADWAY / VERNON AV - SB	11,119	11,459	3%	PASS	1,328	1,758	32%	PASS	4,827	4,554	-6%	PASS
10536	BROADWAY / SLAUSON AV - WB	14,255	14,991	5%	PASS	2,264	2,550	13%	PASS	3,223	3,554	10%	PASS
10539	Broadway / Slauson Av - NB	12,351	8,800	-29%	PASS	3,784	2,982	-21%	PASS	2,695	2,424	-10%	PASS
10541	Broadway / Slauson Av - EB	21,160	16,965	-20%	PASS	3,397	3,179	-6%	PASS	5,004	3,818	-24%	PASS
10544	Broadway / Slauson Av - SB	10,853	11,160	3%	PASS	1,608	1,767	10%	PASS	3,916	4,210	8%	PASS
10559	Broadway / Florence Av - WB	21,127	22,265	5%	PASS	3,869	4,270	10%	PASS	4,696	5,653	20%	PASS
10566	BROADWAY / FLORENCE AV - SB	10,907	7,901	-28%	PASS	1,475	1,259	-15%	PASS	4,041	3,149	-22%	PASS
10572	Broadway / Manchester Av - WB	24,582	23,295	-5%	PASS	4,792	4,956	3%	PASS	5,339	5,470	2%	PASS
10576	Broadway / Manchester Av - NB	8,260	6,637	-20%	PASS	2,320	1,493	-36%	PASS	2,138	1,344	-37%	PASS
10579	BROADWAY / MANCHESTER AV - EB	34,189	29,265	-14%	PASS	5,912	5,336	-10%	PASS	9,165	7,611	-17%	PASS
10581	Broadway / Manchester Av - SB	8,665	8,837	2%	PASS	1,280	1,396	9%	PASS	3,019	2,958	-2%	PASS
10718	FIGUEROA ST / SLAUSON AV - WB	17,385	14,082	-19%	PASS	2,679	2,252	-16%	PASS	3,847	3,326	-14%	PASS
10722	/ - NB	15,079	13,135	-13%	PASS	4,891	4,415	-10%	PASS	2,836	3,212	13%	PASS
10726	FIGUEROA ST / SLAUSON AV - SB	16,164	11,305	-30%	PASS	2,112	1,669	-21%	PASS	6,043	4,690	-22%	PASS
10733	Figuroa St / Gage Av - WB	17,419	14,614	-16%	PASS	3,059	2,280	-25%	PASS	4,101	3,249	-21%	PASS
10740	FIGUEROA ST / FLORENCE AV - SB	15,354	10,525	-31%	FAIL	2,312	1,502	-35%	PASS	4,540	4,011	-12%	PASS
10748	/ - EB	20,124	19,460	-3%	PASS	2,837	3,218	13%	PASS	4,971	4,876	-2%	PASS
10768	LONG BEACH AV / VERNON AV - WB	7,747	7,468	-4%	PASS	1,197	1,260	5%	PASS	2,148	2,346	9%	PASS
10770	/ - NB	3,516	6,322	80%	FAIL	1,072	1,547	44%	PASS	994	1,400	41%	PASS
10771	/ - SB	7,411	6,510	-12%	PASS	1,144	2,031	78%	FAIL	1,729	1,049	-39%	PASS
10810	37TH ST EXPOSITION BL / FIGUEROA ST - WB	12,833	2,227	-83%	FAIL	2,106	341	-84%	FAIL	3,662	523	-86%	FAIL
10814	37TH ST EXPOSITION BL / FIGUEROA ST - EB	17,095	20,311	19%	PASS	4,386	4,179	-5%	PASS	4,493	5,206	16%	PASS
10819	BROADWAY / WASHINGTON BL - NB	9,180	8,410	-8%	PASS	2,482	2,402	-3%	PASS	2,263	2,275	1%	PASS
10822	Broadway / Washington Bl - SB	7,727	6,544	-15%	PASS	1,125	1,166	4%	PASS	2,869	2,225	-22%	PASS
10824	Los Angeles St / Washington Bl - NB	3,882	4,420	14%	PASS	1,363	1,068	-22%	PASS	1,424	1,093	-23%	PASS
10826	Los Angeles St / Washington Bl - SB	4,715	9,337	98%	FAIL	758	1,556	105%	FAIL	1,886	2,212	17%	PASS
10831	BROADWAY / FLORENCE AV - EB	23,191	23,877	3%	PASS	3,578	4,414	23%	PASS	6,336	5,914	-7%	PASS
10839	Grand Av / Washington Bl - SB	7,196	10,279	43%	PASS	1,290	1,490	16%	PASS	2,331	3,194	37%	PASS
10844	GRAND AV / WASHINGTON BL - WB	13,488	13,720	2%	PASS	2,910	3,152	8%	PASS	3,945	4,034	2%	PASS
10845	Grand Av / Washington Bl - NB	5,490	3,811	-31%	PASS	1,275	820	-36%	PASS	1,756	699	-60%	FAIL
10847	GRAND AV / WASHINGTON BL - EB	12,222	14,045	15%	PASS	2,475	3,098	25%	PASS	3,743	4,608	23%	PASS
10857	Hill St / Washington Bl - NB	7,256	11,507	59%	FAIL	2,277	2,273	0%	PASS	1,996	2,989	50%	FAIL
10862	BROADWAY / WASHINGTON BL - WB	14,840	13,960	-6%	PASS	3,250	2,834	-13%	PASS	4,265	3,722	-13%	PASS
10867	BROADWAY / WASHINGTON BL - EB	13,708	16,730	22%	PASS	2,349	3,436	46%	FAIL	4,279	4,869	14%	PASS

STATIC HIGHWAY VEHICLE VOLUME VALIDATION

ID	LOCATION	DAILY				AM PERIOD (6-9AM)				PM PERIOD (3-7PM)			
		COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST
10869	MAIN ST / WASHINGTON BL - WB	15,112	14,087	-7%	PASS	3,245	3,035	-6%	PASS	4,331	3,690	-15%	PASS
10871	Main St / Washington Bl - NB	10,871	8,583	-21%	PASS	2,918	2,988	2%	PASS	2,920	2,218	-24%	PASS
10875	Main St / Washington Bl - EB	13,672	14,471	6%	PASS	2,261	2,905	28%	PASS	4,276	4,410	3%	PASS
10882	Maple Av / Washington Bl - SB	4,517	4,782	6%	PASS	755	621	-18%	PASS	1,000	1,117	12%	PASS
10886	Maple Av / Washington Bl - NB	4,273	5,204	22%	PASS	1,020	1,034	1%	PASS	1,108	1,024	-8%	PASS
10898	SAN PEDRO ST / WASHINGTON BL - SB	11,114	15,335	38%	FAIL	1,758	2,254	28%	PASS	3,099	4,902	58%	FAIL
10902	San Pedro St / Washington Bl - NB	12,814	14,412	12%	PASS	2,696	3,335	24%	PASS	2,961	3,474	17%	PASS
10906	Griffith Av / Washington Bl - SB	4,280	7,358	72%	FAIL	715	1,070	50%	PASS	1,097	2,143	95%	FAIL
10910	Griffith Av / Washington Bl - NB	3,557	6,717	89%	FAIL	1,153	1,620	40%	PASS	894	1,219	36%	PASS
10914	CENTRAL AV / WASHINGTON BL - SB	11,146	15,252	37%	FAIL	1,627	2,460	51%	FAIL	3,179	4,404	39%	FAIL
10915	Central Av / Washington Bl - WB	14,824	14,285	-4%	PASS	3,336	3,350	0%	PASS	4,148	4,158	0%	PASS
10920	Central Av / Washington Bl - EB	15,447	8,939	-42%	FAIL	2,424	2,030	-16%	PASS	5,142	3,708	-28%	PASS
10930	Hooper Av / Washington Bl - SB	4,698	9,049	93%	FAIL	768	1,369	78%	FAIL	1,077	2,675	148%	FAIL
10934	Hooper Av / Washington Bl - NB	5,343	7,488	40%	PASS	1,147	1,648	44%	PASS	1,170	1,504	29%	PASS
10939	Long Beach Av / Washington Bl - WB	13,708	12,553	-8%	PASS	3,294	3,111	-6%	PASS	3,652	4,300	18%	PASS
10943	LONG BEACH AV / WASHINGTON BL - NB	6,979	9,492	36%	PASS	1,979	2,638	33%	PASS	1,864	2,132	14%	PASS
10946	Long Beach Av / Washington Bl - EB	14,511	9,870	-32%	FAIL	2,355	2,083	-12%	PASS	4,893	4,455	-9%	PASS
10947	ALAMEDA ST / WASHINGTON BL - SB	22,191	26,103	18%	PASS	3,781	4,696	24%	PASS	5,559	7,001	26%	PASS
10950	ALAMEDA ST / WASHINGTON BL - WB	14,824	15,798	7%	PASS	3,603	3,172	-12%	PASS	3,659	4,593	26%	PASS
10953	Alameda St / Washington Bl - EB	15,160	12,922	-15%	PASS	2,304	3,111	35%	PASS	5,060	5,021	-1%	PASS
10958	Central Av / Washington Bl - NB	14,618	16,837	15%	PASS	2,872	3,370	17%	PASS	3,343	3,513	5%	PASS
10962	Olive St / Washington Bl - NB	4,891	3,267	-33%	PASS	1,597	755	-53%	FAIL	1,381	480	-65%	FAIL
11132	Crenshaw Bl / Jefferson Bl - WB	14,917	12,558	-16%	PASS	4,363	2,581	-41%	FAIL	3,224	2,678	-17%	PASS
11134	CRENSHAW BL / JEFFERSON BL - NB	21,466	18,339	-15%	PASS	5,045	3,634	-28%	FAIL	5,076	4,690	-8%	PASS
11138	Crenshaw Bl / Jefferson Bl - EB	11,060	10,378	-6%	PASS	1,642	1,934	18%	PASS	3,825	3,893	2%	PASS
11139	CRENSHAW BL / JEFFERSON BL - SB	19,268	18,894	-2%	PASS	2,747	3,923	43%	FAIL	5,156	5,997	16%	PASS
11156	Jefferson Bl / Western Av - WB	9,760	13,022	33%	PASS	2,512	2,625	4%	PASS	2,680	3,466	29%	PASS
11161	Jefferson Bl / Western Av - EB	11,242	13,925	24%	PASS	2,218	3,596	62%	FAIL	3,383	2,962	-12%	PASS
11162	JEFFERSON BL / WESTERN AV - SB	16,025	15,574	-3%	PASS	2,359	2,174	-8%	PASS	4,658	4,145	-11%	PASS
11170	CRENSHAW BL / MARTIN LUTHER KING JR BL - SB	14,215	15,143	7%	PASS	1,869	2,612	40%	PASS	4,119	3,973	-4%	PASS
11207	Crenshaw Bl / Rodeo Rd - WB	6,578	8,414	28%	PASS	2,199	1,892	-14%	PASS	1,550	2,152	39%	PASS
11209	Crenshaw Bl / Rodeo Rd - NB	18,759	15,610	-17%	PASS	3,882	2,551	-34%	FAIL	4,654	4,099	-12%	PASS
11211	Crenshaw Bl / Rodeo Rd - EB	7,945	9,442	19%	PASS	1,312	1,758	34%	PASS	2,656	2,667	0%	PASS
11213	Crenshaw Bl / Rodeo Rd - SB	20,625	23,937	16%	PASS	2,994	4,120	38%	FAIL	6,152	6,220	1%	PASS
11273	Crenshaw Bl / Martin Luther King Jr Bl - WB	14,366	17,624	23%	PASS	3,646	3,573	-2%	PASS	3,406	3,991	17%	PASS
11275	CRENSHAW BL / MARTIN LUTHER KING JR BL - NB	12,104	15,340	27%	PASS	2,291	3,367	47%	FAIL	3,069	4,091	33%	PASS
11279	CRENSHAW BL / MARTIN LUTHER KING JR BL - EB	15,114	17,414	15%	PASS	1,949	2,404	23%	PASS	4,683	5,002	7%	PASS
11285	LEIMERT BL MARTIN LUTHER KING JR BL / SUTRO AV - WB	20,874	15,663	-25%	PASS	5,397	3,180	-41%	FAIL	4,956	3,486	-30%	FAIL
11286	LEIMERT BL MARTIN LUTHER KING JR BL / SUTRO AV - EB	14,653	15,665	7%	PASS	2,997	2,631	-12%	PASS	4,384	4,237	-3%	PASS
11364	CENTRAL AV FIRESTONE BL / MANCHESTER AV - WB	15,696	14,079	-10%	PASS	3,198	3,159	-1%	PASS	3,530	3,608	2%	PASS
11365	Central Av, Firestone Bl / Manchester Av - NB	14,289	16,027	12%	PASS	3,238	3,755	16%	PASS	3,319	3,812	15%	PASS
11371	Martin Luther King Jr Bl / Western Av - WB	21,805	22,671	4%	PASS	4,728	4,520	-4%	PASS	5,371	6,252	16%	PASS
11376	Martin Luther King Jr Bl / Western Av - EB	19,819	18,981	-4%	PASS	3,570	4,101	15%	PASS	5,594	5,106	-9%	PASS
11378	Martin Luther King Jr Bl / Western Av - SB	16,226	14,417	-11%	PASS	2,168	2,521	16%	PASS	4,753	4,502	-5%	PASS

STATIC HIGHWAY VEHICLE VOLUME VALIDATION

ID	LOCATION	DAILY				AM PERIOD (6-9AM)				PM PERIOD (3-7PM)			
		COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST
11417	Leimert Bl / Vernon Av - WB	5,963	4,240	-29%	PASS	1,381	695	-50%	FAIL	1,496	1,031	-31%	PASS
11419	LEIMERT BL / VERNON AV - NB	5,046	5,623	11%	PASS	1,429	1,278	-11%	PASS	1,360	1,276	-6%	PASS
11421	LEIMERT BL / VERNON AV - EB	7,347	9,730	32%	PASS	1,347	1,852	37%	PASS	2,279	2,928	28%	PASS
11424	Leimert Bl / Vernon Av - SB	5,027	10,383	107%	FAIL	922	1,787	94%	FAIL	1,682	3,211	91%	FAIL
11429	Vernon Av / Western Av - WB	9,137	8,730	-4%	PASS	1,931	1,478	-23%	PASS	2,185	2,182	0%	PASS
11431	Vernon Av / Western Av - NB	16,238	13,274	-18%	PASS	3,373	2,832	-16%	PASS	3,541	3,472	-2%	PASS
11434	VERNON AV / WESTERN AV - SB	15,653	13,061	-17%	PASS	2,075	2,536	22%	PASS	4,408	4,133	-6%	PASS
11580	55TH ST / ALAMEDA ST - NB	11,070	13,322	20%	PASS	2,520	2,454	-3%	PASS	2,191	3,003	37%	PASS
11586	55TH ST / ALAMEDA ST - SB	13,743	8,215	-40%	FAIL	1,880	1,595	-15%	PASS	4,250	3,618	-15%	PASS
11592	FIGUEROA ST / MARTIN LUTHER KING JR BL - SB	17,667	24,050	36%	FAIL	1,893	3,495	85%	FAIL	7,098	7,206	2%	PASS
11599	EXPOSITION BL / WESTERN AV - EB	15,001	9,984	-33%	FAIL	3,024	1,771	-41%	FAIL	5,280	4,118	-22%	PASS
11622	39TH ST COLISEUM DR / FIGUEROA ST - WB	5,261	9,969	89%	FAIL	1,109	1,757	58%	FAIL	1,804	2,533	40%	PASS
11624	BROADWAY PL / MARTIN LUTHER KING JR BL - WB	9,370	8,988	-4%	PASS	2,248	1,491	-34%	PASS	2,115	2,481	17%	PASS
11625	BROADWAY PL / MARTIN LUTHER KING JR BL - NB	3,764	6,583	75%	FAIL	1,446	2,323	61%	FAIL	874	1,755	101%	FAIL
11626	BROADWAY PL / MARTIN LUTHER KING JR BL - EB	12,835	12,088	-6%	PASS	2,035	2,434	20%	PASS	4,196	2,852	-32%	FAIL
11671	BROADWAY / FLORENCE AV - NB	13,865	10,838	-22%	PASS	3,947	2,545	-36%	FAIL	3,189	2,613	-18%	PASS
11672	FIGUEROA ST / FLORENCE AV - WB	20,979	21,703	3%	PASS	4,422	3,959	-10%	PASS	4,603	5,161	12%	PASS
11673	FIGUEROA ST / FLORENCE AV - NB	18,159	13,076	-28%	PASS	4,051	4,535	12%	PASS	4,004	3,088	-23%	PASS
11691	FIGUEROA ST / SLAUSON AV - EB	19,725	16,841	-15%	PASS	3,318	3,138	-5%	PASS	4,838	4,099	-15%	PASS
11712	HOOVER ST / JEFFERSON BL - SB	6,761	4,837	-28%	PASS	1,054	1,041	-1%	PASS	2,188	984	-55%	FAIL
11716	VERMONT AV / VERNON AV - NB	23,894	20,237	-15%	PASS	6,200	5,182	-16%	PASS	5,446	5,709	5%	PASS
11720	VERMONT AV / VERNON AV - SB	24,839	12,317	-50%	FAIL	3,584	1,797	-50%	FAIL	7,969	4,099	-49%	FAIL
11766	54TH ST / FIGUEROA ST - NB	15,378	9,044	-41%	FAIL	4,560	3,232	-29%	FAIL	3,150	2,013	-36%	FAIL
11768	54TH ST / FIGUEROA ST - SB	15,322	17,412	14%	PASS	2,010	2,678	33%	PASS	5,457	5,976	10%	PASS
11796	JEFFERSON BL / MAIN ST - WB	7,420	7,004	-6%	PASS	1,623	2,020	24%	PASS	2,086	1,908	-9%	PASS
11797	JEFFERSON BL / MAIN ST - NB	11,345	11,256	-1%	PASS	3,747	3,499	-7%	PASS	2,732	2,899	6%	PASS
11800	JEFFERSON BL / MAIN ST - EB	10,064	6,271	-38%	FAIL	1,687	1,214	-28%	PASS	3,753	2,113	-44%	FAIL
11801	JEFFERSON BL / MAIN ST - SB	8,835	10,868	23%	PASS	1,157	1,572	36%	PASS	3,702	4,452	20%	PASS
11819	54TH ST / BROADWAY - NB	12,573	10,674	-15%	PASS	3,904	3,335	-15%	PASS	2,757	2,594	-6%	PASS
11822	54TH ST / BROADWAY - SB	12,111	12,677	5%	PASS	1,621	1,854	14%	PASS	4,778	4,603	-4%	PASS
11858	MARTIN LUTHER KING JR BL / WESTERN AV - NB	16,886	14,346	-15%	PASS	3,390	3,041	-10%	PASS	3,695	3,757	2%	PASS
11862	FIGUEROA ST / VERNON AV - EB	13,923	11,595	-17%	PASS	2,661	2,856	7%	PASS	3,632	3,358	-8%	PASS
11863	FIGUEROA ST / VERNON AV - SB	14,501	16,080	11%	PASS	1,669	2,141	28%	PASS	5,718	5,834	2%	PASS
12402	ALAMEDA ST / WASHINGTON BL - NB	17,859	21,722	22%	PASS	3,219	4,439	38%	FAIL	4,257	5,246	23%	PASS
12417	EXPOSITION BL / VERMONT AV - NB	14,736	14,542	-1%	PASS	3,227	3,960	23%	PASS	3,555	3,404	-4%	PASS
12612	JEFFERSON BL / WESTERN AV - NB	17,328	14,377	-17%	PASS	3,864	2,537	-34%	FAIL	3,718	3,111	-16%	PASS
12624	VERNON AV / WESTERN AV - EB	7,752	7,923	2%	PASS	1,184	1,537	30%	PASS	2,652	2,178	-18%	PASS
12693	4TH AV MARTIN LUTHER KING JR BL / ROXTON AV - EB	22,020	25,785	17%	PASS	4,132	4,946	20%	PASS	6,939	6,625	-5%	PASS
12694	4TH AV MARTIN LUTHER KING JR BL / ROXTON AV - WB	11,604	11,309	-3%	PASS	2,469	2,407	-3%	PASS	2,787	3,135	12%	PASS
20009	CESAR E CHAVEZ AV / NORTH BROADWAY - SB	7,380	9,892	34%	PASS	2,005	2,174	8%	PASS	1,645	1,908	16%	PASS
20013	CESAR E CHAVEZ AV / NORTH BROADWAY - WB	19,597	16,791	-14%	PASS	4,829	4,115	-15%	PASS	5,219	4,594	-12%	PASS
20016	Cesar E Chavez Av / North Broadway - NB	10,652	12,239	15%	PASS	1,339	1,684	26%	PASS	3,611	3,713	3%	PASS
20019	CESAR E CHAVEZ AV / NORTH BROADWAY - EB	16,203	15,029	-7%	PASS	2,594	3,508	35%	PASS	5,260	4,370	-17%	PASS
20042	ALAMEDA ST / CESAR E CHAVEZ AV - SB	16,858	10,326	-39%	FAIL	4,166	3,234	-22%	PASS	3,480	2,431	-30%	PASS

STATIC HIGHWAY VEHICLE VOLUME VALIDATION

ID	LOCATION	DAILY				AM PERIOD (6-9AM)				PM PERIOD (3-7PM)			
		COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST
20046	ALAMEDA ST / CESAR E CHAVEZ AV - WB	18,443	13,127	-29%	FAIL	4,614	3,110	-33%	FAIL	4,657	3,619	-22%	PASS
20047	ALAMEDA ST / CESAR E CHAVEZ AV - NB	13,514	14,169	5%	PASS	1,813	2,243	24%	PASS	4,143	4,544	10%	PASS
20050	ALAMEDA ST / CESAR E CHAVEZ AV - EB	12,153	10,518	-13%	PASS	1,774	2,299	30%	PASS	4,062	3,532	-13%	PASS
20083	SPRING ST / TEMPLE ST - SB	11,496	11,398	-1%	PASS	3,711	2,476	-33%	FAIL	1,972	2,701	37%	PASS
20099	LOS ANGELES ST / TEMPLE ST - SB	12,891	13,870	8%	PASS	3,819	2,876	-25%	PASS	1,564	3,143	101%	FAIL
20118	GRAND AV / TEMPLE ST - SB	11,631	12,865	11%	PASS	3,360	3,503	4%	PASS	2,776	3,128	13%	PASS
20121	GRAND AV / TEMPLE ST - WB	14,710	12,512	-15%	PASS	3,405	2,949	-13%	PASS	3,830	3,285	-14%	PASS
20126	GRAND AV / TEMPLE ST - EB	12,409	15,316	23%	PASS	2,392	3,158	32%	PASS	3,656	3,272	-11%	PASS
20136	NORTH BROADWAY / TEMPLE ST - SB	10,790	10,775	0%	PASS	3,174	2,389	-25%	PASS	1,977	2,259	14%	PASS
20137	NORTH BROADWAY / TEMPLE ST - WB	13,414	10,597	-21%	PASS	2,797	1,821	-35%	PASS	4,126	3,368	-18%	PASS
20142	NORTH BROADWAY / TEMPLE ST - EB	9,844	11,054	12%	PASS	1,779	1,918	8%	PASS	2,891	3,449	19%	PASS
20147	SPRING ST / TEMPLE ST - EB	9,345	9,715	4%	PASS	1,854	2,108	14%	PASS	2,777	2,748	-1%	PASS
20149	North Main St / Temple St - WB	11,638	8,870	-24%	PASS	2,579	1,726	-33%	PASS	3,351	2,820	-16%	PASS
20150	NORTH MAIN ST / TEMPLE ST - EB	9,645	10,396	8%	PASS	1,683	1,879	12%	PASS	3,063	3,181	4%	PASS
20152	Los Angeles St / Temple St - NB	10,981	13,393	22%	PASS	1,139	2,597	128%	FAIL	4,504	4,128	-8%	PASS
20155	LOS ANGELES ST / TEMPLE ST - EB	8,203	10,116	23%	PASS	1,592	2,001	26%	PASS	2,569	2,834	10%	PASS
20160	1ST ST / HOPE ST - WB	12,185	16,656	37%	FAIL	2,510	2,640	5%	PASS	3,851	5,280	37%	FAIL
20163	1ST ST / HOPE ST - NB	7,925	5,686	-28%	PASS	800	804	0%	PASS	3,857	1,505	-61%	FAIL
20165	1ST ST / HOPE ST - EB	12,950	12,697	-2%	PASS	2,789	3,320	19%	PASS	3,585	2,777	-23%	PASS
20168	1ST ST / HOPE ST - SB	6,749	4,885	-28%	PASS	2,017	1,296	-36%	PASS	1,584	1,043	-34%	PASS
20171	1st St / Grand Av - EB	13,331	11,482	-14%	PASS	3,125	3,033	-3%	PASS	3,899	2,507	-36%	FAIL
20190	1ST ST / BROADWAY - SB	5,904	8,494	44%	PASS	1,511	1,804	19%	PASS	1,177	2,109	79%	FAIL
20191	1ST ST / BROADWAY - WB	10,558	7,888	-25%	PASS	2,691	1,402	-48%	FAIL	2,677	2,360	-12%	PASS
20195	1st St / Broadway - WB	15,253	11,377	-25%	PASS	2,363	2,220	-6%	PASS	4,933	3,151	-36%	FAIL
20201	1ST ST / SPRING ST - WB	9,290	8,260	-11%	PASS	2,240	1,581	-29%	PASS	2,510	2,291	-9%	PASS
20203	1ST ST / SPRING ST - EB	15,382	10,319	-33%	FAIL	2,456	1,836	-25%	PASS	4,822	2,870	-40%	FAIL
20211	1ST ST / MAIN ST - WB	8,383	7,703	-8%	PASS	2,006	1,607	-20%	PASS	2,160	2,065	-4%	PASS
20212	1ST ST / MAIN ST - EB	11,203	9,286	-17%	PASS	1,675	1,517	-9%	PASS	3,634	2,809	-23%	PASS
20215	1ST ST JUDGE JOHN AISO ST / SAN PEDRO ST - NB	6,891	8,581	25%	PASS	1,178	1,539	31%	PASS	2,510	2,795	11%	PASS
20216	1st St / Los Angeles St - SB	12,694	10,066	-21%	PASS	3,477	1,855	-47%	FAIL	1,946	2,748	41%	PASS
20218	1st St / Los Angeles St - WB	5,891	6,223	6%	PASS	1,329	1,574	18%	PASS	1,670	1,492	-11%	PASS
20221	1ST ST / LOS ANGELES ST - NB	10,686	11,936	12%	PASS	1,355	2,659	96%	FAIL	4,129	3,642	-12%	PASS
20226	2ND ST / FIGUEROA ST - SB	10,000	8,436	-16%	PASS	3,015	2,441	-19%	PASS	2,067	2,116	2%	PASS
20229	2ND ST / FIGUEROA ST - NB	18,165	17,977	-1%	PASS	2,410	3,158	31%	PASS	6,611	6,852	4%	PASS
20252	1ST ST / MAIN ST - NB	15,642	11,230	-28%	PASS	2,320	1,882	-19%	PASS	6,068	3,496	-42%	FAIL
20265	3RD ST FIGUEROA ST / HARBOR FWY N/B OFF-RAMP -	15,323	18,423	20%	PASS	3,251	2,366	-27%	PASS	4,272	5,725	34%	FAIL
20286	3RD ST FIGUEROA ST / HARBOR FWY N/B OFF-RAMP -	27,794	23,416	-16%	PASS	4,000	3,983	0%	PASS	9,245	8,248	-11%	PASS
20287	3RD ST / HILL ST - SB	16,316	9,260	-43%	FAIL	4,088	1,986	-51%	FAIL	4,247	2,116	-50%	FAIL
20293	3RD ST / BROADWAY - SB	3,428	3,657	7%	PASS	510	872	71%	FAIL	908	1,133	25%	PASS
20295	3RD ST / BROADWAY - WB	18,628	18,216	-2%	PASS	4,283	3,505	-18%	PASS	3,863	5,159	34%	FAIL
20299	3RD ST / SPRING ST - SB	9,517	10,823	14%	PASS	2,267	2,214	-2%	PASS	2,078	3,084	48%	FAIL
20303	3RD ST / MAIN ST - WB	20,306	16,773	-17%	PASS	5,048	3,505	-31%	FAIL	4,223	4,623	9%	PASS
20307	3RD ST / MAIN ST - NB	6,932	6,908	0%	PASS	1,027	1,247	21%	PASS	1,991	2,275	14%	PASS
20308	3RD ST / LOS ANGELES ST - SB	9,979	8,260	-17%	PASS	2,192	1,793	-18%	PASS	2,087	2,433	17%	PASS

STATIC HIGHWAY VEHICLE VOLUME VALIDATION

ID	LOCATION	DAILY				AM PERIOD (6-9AM)				PM PERIOD (3-7PM)			
		COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST
20326	3RD ST / HILL ST - NB	7,623	8,435	11%	PASS	1,394	1,817	30%	PASS	2,367	2,094	-12%	PASS
20335	3RD ST / BROADWAY - NB	5,855	10,150	73%	FAIL	923	1,857	101%	FAIL	1,765	3,156	79%	FAIL
20357	5TH ST / FIGUEROA ST - WB	22,587	19,526	-14%	PASS	2,903	2,934	1%	PASS	5,551	4,970	-10%	PASS
20366	5th St / Figueroa St - NB	33,594	39,508	18%	PASS	5,136	7,095	38%	FAIL	10,173	11,653	15%	PASS
20381	5th St / Grand Av - SB	14,131	11,776	-17%	PASS	2,753	3,075	12%	PASS	4,480	3,386	-24%	PASS
20384	5TH ST / GRAND AV - WB	24,885	19,617	-21%	PASS	4,549	3,927	-14%	PASS	6,403	5,428	-15%	PASS
20403	5TH ST / BROADWAY - WB	10,062	9,827	-2%	PASS	2,486	2,207	-11%	PASS	2,125	2,550	20%	PASS
20405	5TH ST / BROADWAY - NB	7,375	9,393	27%	PASS	1,229	1,990	62%	FAIL	2,250	2,693	20%	PASS
20408	5TH ST / SPRING ST - SB	13,633	9,196	-33%	FAIL	3,015	1,720	-43%	FAIL	2,929	2,906	-1%	PASS
20409	5TH ST / SPRING ST - WB	10,536	10,704	2%	PASS	2,381	2,366	-1%	PASS	2,420	2,787	15%	PASS
20412	5TH ST / MAIN ST - WB	8,174	8,602	5%	PASS	2,085	2,063	-1%	PASS	1,940	2,139	10%	PASS
20413	5TH ST / MAIN ST - NB	16,535	8,764	-47%	FAIL	2,565	1,752	-32%	PASS	4,948	2,632	-47%	FAIL
20429	6th St / Figueroa St - EB	18,596	6,982	-62%	FAIL	3,633	1,288	-65%	FAIL	3,538	1,264	-64%	FAIL
20443	6TH ST / GRAND AV - SB	16,286	12,965	-20%	PASS	3,096	3,056	-1%	PASS	4,886	4,000	-18%	PASS
20447	6TH ST / GRAND AV - EB	20,372	14,782	-27%	PASS	3,408	2,745	-19%	PASS	4,326	4,184	-3%	PASS
20460	6TH ST / BROADWAY - NB	7,289	8,933	23%	PASS	1,286	1,934	50%	FAIL	2,142	2,589	21%	PASS
20462	6TH ST / BROADWAY - EB	14,705	11,493	-22%	PASS	2,141	2,128	-1%	PASS	3,590	3,674	2%	PASS
20467	6TH ST / SPRING ST - SB	14,605	9,649	-34%	FAIL	3,014	1,741	-42%	FAIL	3,498	3,086	-12%	PASS
20469	6TH ST / SPRING ST - EB	6,777	9,103	34%	PASS	965	1,569	63%	FAIL	1,498	3,097	107%	FAIL
20471	6TH ST / MAIN ST - EB	13,367	10,237	-23%	PASS	1,928	1,716	-11%	PASS	3,279	3,351	2%	PASS
20486	FIGUEROA ST / WILSHIRE BL - EB	17,937	14,804	-17%	PASS	3,195	2,603	-19%	PASS	4,873	4,189	-14%	PASS
20510	7TH ST / FIGUEROA ST - NB	24,334	26,081	7%	PASS	4,960	5,605	13%	PASS	6,182	7,987	29%	FAIL
20531	7TH ST / GRAND AV - SB	18,620	14,273	-23%	PASS	2,980	3,023	1%	PASS	5,770	4,354	-25%	PASS
20533	7TH ST / GRAND AV - WB	8,205	6,867	-16%	PASS	1,416	1,566	11%	PASS	2,019	2,003	-1%	PASS
20535	7TH ST / GRAND AV - EB	5,902	3,522	-40%	PASS	771	616	-20%	PASS	1,522	1,316	-14%	PASS
20549	7TH ST / BROADWAY - SB	4,305	8,054	87%	FAIL	499	1,610	223%	FAIL	1,206	2,424	101%	FAIL
20551	7TH ST / BROADWAY - WB	8,975	5,993	-33%	PASS	1,496	1,532	2%	PASS	2,044	1,688	-17%	PASS
20553	7TH ST / BROADWAY - EB	6,221	6,225	0%	PASS	822	1,153	40%	PASS	1,719	2,212	29%	PASS
20555	7TH ST / SPRING ST - SB	12,336	8,530	-31%	PASS	2,560	1,575	-38%	FAIL	2,804	2,861	2%	PASS
20557	7TH ST / SPRING ST - WB	15,105	6,267	-59%	FAIL	2,640	1,591	-40%	FAIL	3,559	1,744	-51%	FAIL
20562	7TH ST / BROADWAY - NB	7,635	9,419	23%	PASS	1,413	2,044	45%	PASS	2,355	2,688	14%	PASS
20565	6TH ST / MAIN ST - NB	24,467	8,611	-65%	FAIL	3,394	1,764	-48%	FAIL	7,256	2,604	-64%	FAIL
20567	7TH ST / MAIN ST - WB	8,593	7,611	-11%	PASS	1,530	1,885	23%	PASS	1,926	2,125	10%	PASS
20570	7TH ST / MAIN ST - NB	6,991	6,210	-11%	PASS	1,224	1,384	13%	PASS	2,519	1,905	-24%	PASS
20571	7TH ST / MAIN ST - EB	6,823	9,181	35%	PASS	890	1,683	89%	FAIL	1,851	3,059	65%	FAIL
20585	6TH ST / FIGUEROA ST - NB	30,331	34,062	12%	PASS	4,977	6,558	32%	FAIL	8,761	10,324	18%	PASS
20596	1ST ST / LOS ANGELES ST - EB	10,145	5,509	-46%	FAIL	1,440	912	-37%	PASS	3,308	1,809	-45%	FAIL
20600	1ST ST / BROADWAY - NB	6,431	4,807	-25%	PASS	796	915	15%	PASS	1,968	1,674	-15%	PASS
20608	NORTH MAIN ST / TEMPLE ST - NB	15,076	14,583	-3%	PASS	1,875	2,155	15%	PASS	6,037	4,614	-24%	PASS
20620	3RD ST 4TH PL / ALAMEDA ST - NB	13,070	10,121	-23%	PASS	1,843	1,903	3%	PASS	3,339	3,273	-2%	PASS
20650	CESAR E CHAVEZ AV FIGUEROA ST / SUNSET BL - WB	17,662	17,348	-2%	PASS	3,891	4,193	8%	PASS	4,715	4,877	3%	PASS
20652	CESAR E CHAVEZ AV, FIGUEROA ST / SUNSET BL - EB	16,989	14,979	-12%	PASS	2,952	2,733	-7%	PASS	4,408	5,200	18%	PASS
20657	ALAMEDA ST ALPINE ST / NORTH SPRING ST - SB	9,660	11,330	17%	PASS	3,051	3,944	29%	PASS	1,986	2,992	51%	FAIL
20664	Los Angeles St / Temple St - WB	11,748	13,049	11%	PASS	2,718	2,547	-6%	PASS	3,268	3,498	7%	PASS

STATIC HIGHWAY VEHICLE VOLUME VALIDATION

ID	LOCATION	DAILY				AM PERIOD (6-9AM)				PM PERIOD (3-7PM)			
		COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST
20697	9TH ST / BROADWAY - SB	3,672	5,422	48%	PASS	773	957	24%	PASS	1,036	1,800	74%	FAIL
20700	9TH ST / BROADWAY - EB	23,110	15,689	-32%	FAIL	4,197	3,004	-28%	PASS	6,153	4,514	-27%	PASS
20702	9TH ST MAIN ST / SPRING ST - SB	7,182	8,209	14%	PASS	1,467	1,455	-1%	PASS	1,771	2,916	65%	FAIL
20704	9th St, Main St / Spring St - NB	7,773	5,761	-26%	PASS	1,509	1,422	-6%	PASS	2,063	1,776	-14%	PASS
20706	9TH ST MAIN ST / SPRING ST - EB	15,142	12,874	-15%	PASS	2,995	2,516	-16%	PASS	4,327	3,687	-15%	PASS
20710	9TH ST / BROADWAY - NB	7,662	7,723	1%	PASS	1,584	1,906	20%	PASS	2,233	2,176	-3%	PASS
20724	GRAND AV / TEMPLE ST - NB	9,829	6,568	-33%	PASS	915	674	-26%	PASS	4,379	2,434	-44%	FAIL
20743	CESAR E CHAVEZ AV / GRAND AV - EB	16,588	16,602	0%	PASS	3,059	2,933	-4%	PASS	4,546	5,532	22%	PASS
20771	BROADWAY / OLYMPIC BL - SB	5,493	7,373	34%	PASS	629	1,280	103%	FAIL	1,726	2,454	42%	PASS
20772	BROADWAY / OLYMPIC BL - WB	9,480	8,141	-14%	PASS	1,760	1,825	4%	PASS	2,757	2,358	-14%	PASS
20776	BROADWAY / OLYMPIC BL - NB	7,405	5,751	-22%	PASS	1,688	1,403	-17%	PASS	2,239	1,732	-23%	PASS
20779	BROADWAY / OLYMPIC BL - EB	9,506	5,290	-44%	FAIL	2,176	1,202	-45%	FAIL	2,589	1,585	-39%	PASS
20780	MAIN ST / OLYMPIC BL - SB	11,642	7,189	-38%	FAIL	2,200	1,218	-45%	FAIL	3,626	2,740	-24%	PASS
20783	MAIN ST / OLYMPIC BL - WB	5,243	5,290	1%	PASS	1,099	1,230	12%	PASS	1,680	1,565	-7%	PASS
20785	MAIN ST / OLYMPIC BL - NB	11,393	7,417	-35%	FAIL	2,550	1,886	-26%	PASS	3,316	2,025	-39%	FAIL
20790	MAIN ST / OLYMPIC BL - EB	9,244	7,816	-15%	PASS	2,090	1,600	-23%	PASS	2,573	2,377	-8%	PASS
20815	1ST ST JUDGE JOHN AISO ST / SAN PEDRO ST - SB	5,130	7,933	55%	FAIL	1,216	1,509	24%	PASS	1,114	2,222	99%	FAIL
20817	1ST ST JUDGE JOHN AISO ST / SAN PEDRO ST - EB	10,716	7,045	-34%	PASS	1,549	1,105	-29%	PASS	3,293	2,305	-30%	PASS
20822	CESAR E CHAVEZ AV FIGUEROA ST / SUNSET BL - SB	5,747	7,204	25%	PASS	1,701	2,030	19%	PASS	1,202	1,621	35%	PASS
20880	BROADWAY / PICO BL - WB	4,784	5,289	11%	PASS	936	1,088	16%	PASS	1,625	1,902	17%	PASS
20887	1ST ST / GRAND AV - WB	15,191	9,156	-40%	FAIL	3,131	1,342	-57%	FAIL	4,356	2,846	-35%	FAIL
20912	3rd St / Figueroa St - SB	13,345	11,524	-14%	PASS	3,542	3,075	-13%	PASS	2,771	2,638	-5%	PASS
20922	BROADWAY / PICO BL - SB	6,443	5,438	-16%	PASS	728	840	15%	PASS	2,410	2,007	-17%	PASS
20926	BROADWAY / PICO BL - EB	5,639	6,032	7%	PASS	1,230	1,237	1%	PASS	1,690	1,621	-4%	PASS
20928	Broadway / Pico Bl - NB	7,735	5,951	-23%	PASS	2,018	1,457	-28%	PASS	2,041	1,837	-10%	PASS
20931	1st St / Grand Av - SB	11,880	13,074	10%	PASS	3,117	2,749	-12%	PASS	2,895	3,229	12%	PASS
20940	7TH ST / FIGUEROA ST - WB	10,903	6,154	-44%	FAIL	1,624	1,162	-28%	PASS	2,716	1,882	-31%	PASS
21012	Spring St / Temple St - WB	14,149	10,349	-27%	PASS	2,995	2,118	-29%	PASS	4,231	2,806	-34%	FAIL
21017	FIGUEROA ST / WILSHIRE BL - WB	8,852	8,108	-8%	PASS	1,176	1,427	21%	PASS	2,280	2,351	3%	PASS
21022	ALAMEDA ST / TEMPLE ST - NB	13,114	13,501	3%	PASS	2,043	2,600	27%	PASS	3,300	4,150	26%	PASS
21055	ALPINE ST / NORTH BROADWAY - WB	3,721	4,643	25%	PASS	720	993	38%	PASS	914	1,202	32%	PASS
21058	ALPINE ST / NORTH BROADWAY - NB	9,728	8,650	-11%	PASS	944	1,007	7%	PASS	3,955	2,885	-27%	PASS
21061	ALPINE ST / NORTH BROADWAY - SB	12,446	10,761	-14%	PASS	4,279	2,881	-33%	FAIL	2,550	2,048	-20%	PASS
21064	ALAMEDA ST ALPINE ST / NORTH SPRING ST - WB	7,870	9,363	19%	PASS	2,125	1,975	-7%	PASS	2,450	2,440	0%	PASS
21067	Alameda St, Alpine St / North Spring St - EB	8,462	4,417	-48%	FAIL	827	909	10%	PASS	3,761	1,288	-66%	FAIL
21090	CESAR E CHAVEZ AV, FIGUEROA ST / SUNSET BL - NB	15,439	10,091	-35%	FAIL	1,776	1,506	-15%	PASS	5,721	3,761	-34%	FAIL
21095	Cesar E Chavez Av / Grand Av - WB	22,265	18,457	-17%	PASS	5,757	4,067	-29%	FAIL	5,697	5,071	-11%	PASS
21099	Cesar E Chavez Av / Grand Av - NB	7,816	7,279	-7%	PASS	1,086	878	-19%	PASS	3,488	2,826	-19%	PASS
21107	CESAR E CHAVEZ AV / VIGNES ST - WB	18,455	12,024	-35%	FAIL	5,499	3,183	-42%	FAIL	4,055	2,985	-26%	PASS
21111	CESAR E CHAVEZ AV / VIGNES ST - EB	13,336	10,210	-23%	PASS	1,902	2,169	14%	PASS	4,346	3,582	-18%	PASS
21115	CESAR E CHAVEZ AV / VIGNES ST - SB	8,731	7,895	-10%	PASS	1,366	1,718	26%	PASS	1,900	2,490	31%	PASS
21130	3RD ST 4TH PL / ALAMEDA ST - WB	21,494	16,604	-23%	PASS	6,936	4,295	-38%	FAIL	4,102	4,230	3%	PASS
21136	3rd St, 4th Pl / Alameda St - SB	12,025	12,028	0%	PASS	2,216	2,895	31%	PASS	2,672	3,369	26%	PASS
21163	6TH ST / SAN PEDRO ST - NB	7,327	8,966	22%	PASS	1,139	1,731	52%	PASS	2,639	2,715	3%	PASS

STATIC HIGHWAY VEHICLE VOLUME VALIDATION

ID	LOCATION	DAILY				AM PERIOD (6-9AM)				PM PERIOD (3-7PM)			
		COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST
21166	6th St / San Pedro St - EB	10,249	10,759	5%	PASS	1,472	1,959	33%	PASS	3,479	3,649	5%	PASS
21168	6TH ST / SAN PEDRO ST - SB	6,728	9,786	45%	FAIL	1,749	2,155	23%	PASS	1,474	2,607	77%	FAIL
21181	6th St / Alameda St - NB	13,675	10,053	-26%	PASS	2,413	1,867	-23%	PASS	3,650	3,042	-17%	PASS
21183	6th St / Alameda St - EB	6,392	9,615	50%	FAIL	869	1,674	93%	FAIL	2,168	3,497	61%	FAIL
21185	6TH ST / ALAMEDA ST - SB	13,278	13,128	-1%	PASS	2,520	3,229	28%	PASS	3,199	3,798	19%	PASS
21190	CESAR E CHAVEZ AV / VIGNES ST - NB	11,007	11,793	7%	PASS	1,493	2,035	36%	PASS	3,424	3,837	12%	PASS
21208	1ST ST / GRAND AV - NB	4,609	6,363	38%	PASS	429	875	104%	FAIL	2,317	2,683	16%	PASS
21243	3RD ST / SPRING ST - WB	17,505	16,747	-4%	PASS	3,901	3,332	-15%	PASS	3,592	4,779	33%	PASS
21288	ALAMEDA ST / TEMPLE ST - EB	11,470	7,562	-34%	PASS	1,381	1,724	25%	PASS	4,060	2,126	-48%	FAIL
21289	ALAMEDA ST / TEMPLE ST - SB	9,906	6,055	-39%	FAIL	1,942	1,972	2%	PASS	2,001	1,765	-12%	PASS
21291	ALAMEDA ST / TEMPLE ST - WB	5,782	3,440	-41%	PASS	1,613	714	-56%	FAIL	1,271	910	-28%	PASS
21412	1st St / Spring St - SB	8,657	9,882	14%	PASS	2,526	2,127	-16%	PASS	1,694	2,660	57%	FAIL
21501	7th St / San Pedro St - WB	10,451	9,946	-5%	PASS	2,333	2,508	8%	PASS	2,196	2,690	22%	PASS
21503	7th St / San Pedro St - NB	8,580	7,786	-9%	PASS	1,379	1,598	16%	PASS	2,881	2,357	-18%	PASS
21505	7th St / San Pedro St - EB	8,308	6,201	-25%	PASS	1,074	1,178	10%	PASS	2,639	2,079	-21%	PASS
21507	7th St / San Pedro St - SB	7,505	8,450	13%	PASS	1,878	1,879	0%	PASS	1,671	2,324	39%	PASS
21517	7th St / Alameda St - WB	13,755	12,366	-10%	PASS	3,379	3,108	-8%	PASS	2,532	2,945	16%	PASS
21520	7th St / Alameda St - NB	12,264	8,172	-33%	PASS	2,093	1,833	-12%	PASS	3,102	2,676	-14%	PASS
21522	7th St / Alameda St - EB	10,129	7,991	-21%	PASS	1,392	1,317	-5%	PASS	3,160	2,743	-13%	PASS
21523	7TH ST / ALAMEDA ST - SB	13,857	13,135	-5%	PASS	2,552	2,894	13%	PASS	3,321	3,632	9%	PASS
21525	7th St / Santa Fe Av - WB	17,836	12,143	-32%	FAIL	5,560	3,800	-32%	FAIL	2,931	2,901	-1%	PASS
21528	7th St / Santa Fe Av - NB	7,846	9,827	25%	PASS	1,632	1,821	12%	PASS	2,093	3,201	53%	FAIL
21530	7TH ST / SANTA FE AV - EB	11,536	9,511	-18%	PASS	1,326	1,597	20%	PASS	3,436	3,164	-8%	PASS
21538	9TH ST / SAN PEDRO ST - WB	9,320	11,511	24%	PASS	2,035	2,378	17%	PASS	2,427	3,573	47%	FAIL
21540	9th St / San Pedro St - NB	10,387	6,740	-35%	PASS	1,803	1,541	-15%	PASS	2,911	1,905	-35%	PASS
21542	9th St / San Pedro St - EB	9,769	11,387	17%	PASS	1,996	2,238	12%	PASS	3,270	3,581	10%	PASS
21544	9TH ST / SAN PEDRO ST - SB	8,739	6,136	-30%	PASS	1,989	1,260	-37%	PASS	2,071	1,933	-7%	PASS
21546	Central Av / Olympic Bl - WB	13,919	12,806	-8%	PASS	3,448	2,569	-25%	PASS	3,116	4,267	37%	FAIL
21548	Central Av / Olympic Bl - NB	12,431	9,024	-27%	PASS	2,186	2,070	-5%	PASS	3,326	2,270	-32%	PASS
21551	Central Av / Olympic Bl - EB	10,285	9,975	-3%	PASS	1,456	2,049	41%	PASS	3,441	3,369	-2%	PASS
21552	CENTRAL AV / OLYMPIC BL - SB	10,561	11,088	5%	PASS	2,063	1,907	-8%	PASS	2,531	3,432	36%	PASS
30800	FAIRFAX AV / HOLLYWOOD BL - EB	8,773	6,814	-22%	PASS	1,056	1,270	20%	PASS	2,259	2,235	-1%	PASS
30878	FRANKLIN AV / WESTERN AV - WB	8,886	10,411	17%	PASS	1,873	2,221	19%	PASS	2,196	2,597	18%	PASS
30881	FRANKLIN AV / WESTERN AV - EB	22,643	22,908	1%	PASS	2,891	3,877	34%	PASS	7,356	5,709	-22%	PASS
30935	Fairfax Av / Hollywood Bl - WB	24,073	16,711	-31%	FAIL	5,349	4,268	-20%	PASS	4,798	3,815	-20%	PASS
30937	Fairfax Av / Hollywood Bl - NB	13,458	16,059	19%	PASS	1,601	2,992	87%	FAIL	4,217	4,396	4%	PASS
30940	HOLLYWOOD BL / LA BREA AV - EB	22,933	18,318	-20%	PASS	3,461	3,535	2%	PASS	5,375	5,579	4%	PASS
30941	SUNSET BL / VINE ST - WB	24,659	21,387	-13%	PASS	4,531	4,460	-2%	PASS	5,286	6,033	14%	PASS
30946	Hollywood Bl / La Brea Av - WB	12,702	8,840	-30%	PASS	2,347	2,791	19%	PASS	2,667	2,458	-8%	PASS
30949	HOLLYWOOD BL / LA BREA AV - NB	15,491	11,232	-27%	PASS	2,067	1,490	-28%	PASS	3,722	2,094	-44%	FAIL
30954	Hollywood Bl / La Brea Av - SB	21,965	18,479	-16%	PASS	4,262	3,120	-27%	PASS	4,711	3,895	-17%	PASS
30955	Highland Av / Hollywood Bl - WB	13,682	10,442	-24%	PASS	2,413	2,833	17%	PASS	2,654	2,299	-13%	PASS
30961	Highland Av / Hollywood Bl - EB	11,640	7,690	-34%	PASS	1,446	1,272	-12%	PASS	2,808	3,259	16%	PASS
30963	Highland Av / Hollywood Bl - SB	25,236	21,164	-16%	PASS	4,152	5,294	28%	PASS	5,253	5,828	11%	PASS

STATIC HIGHWAY VEHICLE VOLUME VALIDATION

ID	LOCATION	DAILY				AM PERIOD (6-9AM)				PM PERIOD (3-7PM)			
		COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST
30985	Hollywood Bl / Vine St - WB	15,452	10,642	-31%	FAIL	2,883	2,965	3%	PASS	3,376	2,447	-28%	PASS
30987	Hollywood Bl / Vine St - NB	18,156	14,320	-21%	PASS	1,893	2,292	21%	PASS	5,470	3,181	-42%	FAIL
30990	Hollywood Bl / Vine St - EB	13,229	9,529	-28%	PASS	1,273	1,609	26%	PASS	3,362	3,202	-5%	PASS
30992	Hollywood Bl / Vine St - SB	15,250	15,164	-1%	PASS	3,574	3,007	-16%	PASS	3,699	3,474	-6%	PASS
31020	Hollywood Bl / Western Av - WB	11,174	9,262	-17%	PASS	1,901	2,072	9%	PASS	2,489	2,255	-9%	PASS
31023	HOLLYWOOD BL / WESTERN AV - NB	16,168	16,598	3%	PASS	2,099	2,915	39%	PASS	4,505	4,811	7%	PASS
31025	HOLLYWOOD BL / WESTERN AV - EB	19,268	10,263	-47%	FAIL	2,493	1,755	-30%	PASS	5,474	3,175	-42%	FAIL
31060	Fairfax Av / Sunset Bl - WB	21,383	15,689	-27%	PASS	3,739	4,049	8%	PASS	4,489	3,195	-29%	PASS
31062	FAIRFAX AV / SUNSET BL - NB	18,526	11,643	-37%	FAIL	2,136	1,512	-29%	PASS	5,452	4,372	-20%	PASS
31065	Fairfax Av / Sunset Bl - SB	21,347	23,568	10%	PASS	2,086	3,686	77%	FAIL	5,481	5,837	6%	PASS
31080	LA BREA AV / SUNSET BL - WB	22,847	22,340	-2%	PASS	3,827	5,730	50%	FAIL	4,464	5,161	16%	PASS
31085	La Brea Av / Sunset Bl - EB	25,192	16,399	-35%	FAIL	3,136	2,201	-30%	PASS	5,644	5,575	-1%	PASS
31087	La Brea Av / Sunset Bl - SB	20,408	15,601	-24%	PASS	3,520	2,631	-25%	PASS	4,769	3,336	-30%	PASS
31094	Highland Av / Sunset Bl - WB	20,359	17,392	-15%	PASS	3,784	3,937	4%	PASS	3,902	4,257	9%	PASS
31096	Highland Av / Sunset Bl - NB	16,227	15,605	-4%	PASS	2,738	2,993	9%	PASS	2,720	4,027	48%	FAIL
31101	HIGHLAND AV / SUNSET BL - EB	22,927	23,213	1%	PASS	2,944	3,612	23%	PASS	5,308	8,057	52%	FAIL
31102	HIGHLAND AV / SUNSET BL - SB	26,040	20,256	-22%	PASS	4,560	4,519	-1%	PASS	5,627	5,258	-7%	PASS
31116	SUNSET BL / VINE ST - NB	18,476	14,493	-22%	PASS	2,287	2,373	4%	PASS	5,414	3,958	-27%	PASS
31120	SUNSET BL / VINE ST - EB	19,542	17,991	-8%	PASS	2,152	2,456	14%	PASS	4,288	6,415	50%	FAIL
31154	Sunset Bl / Western Av - NB	13,693	11,171	-18%	PASS	1,867	2,371	27%	PASS	3,694	2,464	-33%	PASS
31155	SUNSET BL / WESTERN AV - EB	21,100	18,567	-12%	PASS	2,832	2,863	1%	PASS	6,104	6,795	11%	PASS
31196	Highland Av / Santa Monica Bl - WB	8,787	13,214	50%	FAIL	1,742	3,326	91%	FAIL	2,255	2,528	12%	PASS
31198	Highland Av / Santa Monica Bl - NB	17,028	14,719	-14%	PASS	2,627	2,892	10%	PASS	3,583	3,664	2%	PASS
31201	HIGHLAND AV / SANTA MONICA BL - EB	20,715	16,552	-20%	PASS	2,314	2,332	1%	PASS	5,377	5,185	-4%	PASS
31213	SANTA MONICA BL / VINE ST - WB	22,429	21,254	-5%	PASS	4,035	4,664	16%	PASS	4,845	4,454	-8%	PASS
31215	SANTA MONICA BL / VINE ST - NB	17,109	17,807	4%	PASS	2,512	3,130	25%	PASS	4,961	4,531	-9%	PASS
31216	Santa Monica Bl / Vine St - EB	20,416	17,656	-14%	PASS	2,299	2,598	13%	PASS	4,969	5,330	7%	PASS
31219	SANTA MONICA BL / VINE ST - SB	18,195	19,343	6%	PASS	3,686	3,726	1%	PASS	4,536	4,484	-1%	PASS
31233	Santa Monica Bl / Western Av - WB	21,325	26,420	24%	PASS	3,672	5,039	37%	FAIL	4,619	5,526	20%	PASS
31234	SANTA MONICA BL / WESTERN AV - NB	22,761	17,502	-23%	PASS	3,547	3,266	-8%	PASS	5,302	3,983	-25%	PASS
31236	SANTA MONICA BL / WESTERN AV - EB	21,411	19,436	-9%	PASS	2,642	2,970	12%	PASS	4,767	5,339	12%	PASS
31239	Santa Monica Bl / Western Av - SB	21,764	20,928	-4%	PASS	3,613	3,758	4%	PASS	4,844	4,792	-1%	PASS
31252	Sunset Bl / Vine St - SB	20,585	15,399	-25%	PASS	3,864	2,920	-24%	PASS	5,118	3,369	-34%	FAIL
31254	Sunset Bl / Western Av - SB	18,245	16,594	-9%	PASS	3,296	3,446	5%	PASS	4,276	4,417	3%	PASS
31309	HIGHLAND AV / SANTA MONICA BL - SB	19,960	17,173	-14%	PASS	3,477	3,299	-5%	PASS	4,001	4,613	15%	PASS
31446	FAIRFAX AV / SUNSET BL - SB	16,145	15,957	-1%	PASS	3,267	3,415	5%	PASS	3,736	3,698	-1%	PASS
31452	HIGHLAND AV / HOLLYWOOD BL - NB	22,331	20,813	-7%	PASS	3,651	3,869	6%	PASS	4,933	6,079	23%	PASS
31464	HOLLYWOOD BL / WESTERN AV - SB	16,746	16,851	1%	PASS	3,346	3,749	12%	PASS	4,102	4,275	4%	PASS
31492	LA BREA AV / SUNSET BL - NB	13,910	14,672	5%	PASS	1,824	2,220	22%	PASS	3,717	3,904	5%	PASS
31503	SUNSET BL / WESTERN AV - WB	12,592	11,263	-11%	PASS	1,925	2,015	5%	PASS	3,452	3,064	-11%	PASS
40005	LA CIENEGA BL / LA TIJERA BL - SB	50,681	39,001	-23%	FAIL	9,382	7,513	-20%	PASS	11,979	11,484	-4%	PASS
40010	LA CIENEGA BL / LA TIJERA BL - NB	27,286	30,266	11%	PASS	5,120	6,811	33%	FAIL	6,401	7,817	22%	PASS
40011	LA CIENEGA BL / LA TIJERA BL - EB	16,666	24,975	50%	FAIL	2,382	4,152	74%	FAIL	4,843	6,729	39%	FAIL
40019	CENTINELA AV / LA CIENEGA BL - NB	32,661	27,545	-16%	PASS	5,768	6,034	5%	PASS	6,871	7,216	5%	PASS

STATIC HIGHWAY VEHICLE VOLUME VALIDATION

ID	LOCATION	DAILY				AM PERIOD (6-9AM)				PM PERIOD (3-7PM)			
		COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST
40023	Centinela Av / La Cienega Bl - SB	32,474	36,449	12%	PASS	5,717	6,394	12%	PASS	8,001	9,695	21%	PASS
40028	CENTINELA AV / LA CIENEGA BL - EB	14,063	12,027	-14%	PASS	1,273	1,477	16%	PASS	4,932	4,708	-5%	PASS
40032	CENTINELA AV / LA TIJERA BL - EB	12,201	12,545	3%	PASS	1,247	1,726	38%	PASS	4,073	4,986	22%	PASS
40034	CENTINELA AV / LA TIJERA BL - SB	21,841	20,285	-7%	PASS	4,006	4,168	4%	PASS	5,022	5,750	14%	PASS
40040	CENTINELA AV / LA TIJERA BL - NB	21,474	24,876	16%	PASS	3,437	4,121	20%	PASS	6,070	6,365	5%	PASS
40058	Howard Hughes Pkwy / Sepulveda Bl - WB	17,573	12,167	-31%	FAIL	2,835	1,814	-36%	FAIL	3,149	2,755	-13%	PASS
40060	HOWARD HUGHES PKWY / SEPULVEDA BL - NB	22,170	37,977	71%	FAIL	7,467	7,858	5%	PASS	4,825	8,403	74%	FAIL
40067	HOWARD HUGHES PKWY / SEPULVEDA BL - SB	26,425	28,456	8%	PASS	2,928	4,571	56%	FAIL	11,087	8,331	-25%	FAIL
40079	AIRPORT BL / LA TIJERA BL - WB	23,109	18,029	-22%	PASS	4,231	3,986	-6%	PASS	4,916	4,832	-2%	PASS
40082	AIRPORT BL / LA TIJERA BL - NB	13,363	14,318	7%	PASS	2,630	2,095	-20%	PASS	2,995	3,953	32%	PASS
40088	AIRPORT BL / MANCHESTER AV - NB	15,841	17,476	10%	PASS	2,695	2,586	-4%	PASS	3,655	5,043	38%	FAIL
40090	AIRPORT BL / MANCHESTER AV - SB	12,607	7,288	-42%	FAIL	2,051	1,421	-31%	PASS	2,634	1,804	-32%	PASS
40093	AIRPORT BL / MANCHESTER AV - EB	14,907	16,404	10%	PASS	1,785	2,021	13%	PASS	4,921	4,003	-19%	PASS
40095	La Tijera Bl / Manchester Av - WB	17,618	12,696	-28%	PASS	4,840	2,694	-44%	FAIL	3,934	2,135	-46%	FAIL
40098	La Tijera Bl / Manchester Av - NB	7,257	3,368	-54%	FAIL	1,096	123	-89%	FAIL	2,149	530	-75%	FAIL
40100	La Tijera Bl / Manchester Av - EB	13,718	14,916	9%	PASS	1,650	2,023	23%	PASS	4,793	3,806	-21%	PASS
40102	LA TIJERA BL / MANCHESTER AV - SB	7,788	9,104	17%	PASS	1,509	2,120	40%	PASS	1,750	2,574	47%	PASS
40106	Manchester Av / Sepulveda Bl - WB	13,295	13,802	4%	PASS	2,947	2,687	-9%	PASS	3,157	2,744	-13%	PASS
40108	Manchester Av / Sepulveda Bl - NB	26,476	36,228	37%	FAIL	5,846	7,382	26%	PASS	5,990	8,902	49%	FAIL
40114	MANCHESTER AV / SEPULVEDA BL - EB	12,394	18,485	49%	FAIL	1,702	2,876	69%	FAIL	3,717	4,876	31%	PASS
40116	La Tijera Bl / Sepulveda Bl - SB	26,395	35,564	35%	FAIL	3,942	6,145	56%	FAIL	7,031	9,728	38%	FAIL
40118	LINCOLN BL / MANCHESTER AV - WB	11,407	10,930	-4%	PASS	1,958	1,931	-1%	PASS	3,305	2,476	-25%	PASS
40132	LINCOLN BL / MANCHESTER AV - EB	10,896	12,032	10%	PASS	2,506	2,156	-14%	PASS	2,665	2,195	-18%	PASS
40134	LINCOLN BL / MANCHESTER AV - SB	20,459	21,480	5%	PASS	2,627	3,761	43%	FAIL	6,130	7,043	15%	PASS
40145	LA TIJERA BL / SEPULVEDA BL - WB	8,780	5,763	-34%	PASS	1,563	1,763	13%	PASS	1,980	1,385	-30%	PASS
40147	La Tijera Bl / Sepulveda Bl - NB	28,916	33,693	17%	PASS	6,323	6,898	9%	PASS	6,709	8,351	24%	PASS
40151	ARBOR VITAE ST / AVIATION BL - WB	12,595	14,064	12%	PASS	3,400	3,480	2%	PASS	2,424	2,839	17%	PASS
40158	Airport Bl, Arbor Vitae St / Westchester Pkwy - WB	15,831	8,438	-47%	FAIL	3,858	2,283	-41%	FAIL	3,045	1,656	-46%	FAIL
40161	Airport Bl, Arbor Vitae St / Westchester Pkwy - NB	18,705	20,394	9%	PASS	2,681	3,140	17%	PASS	4,620	6,135	33%	FAIL
40162	AIRPORT BL ARBOR VITAE ST / WESTCHESTER PKWY - E	13,745	7,727	-44%	FAIL	1,133	1,489	31%	PASS	3,911	3,222	-18%	PASS
40165	Airport Bl, Arbor Vitae St / Westchester Pkwy - SB	17,667	13,492	-24%	PASS	3,048	2,146	-30%	PASS	3,546	2,938	-17%	PASS
40175	Sepulveda Bl / Westchester Pkwy - SB	33,116	35,283	7%	PASS	5,170	6,753	31%	FAIL	8,316	9,600	15%	PASS
40178	LINCOLN BL / SEPULVEDA BL - SB	32,801	38,969	19%	PASS	5,099	6,685	31%	FAIL	7,814	9,142	17%	PASS
40181	LINCOLN BL / SEPULVEDA BL - NB	33,454	27,777	-17%	PASS	6,947	6,071	-13%	PASS	7,844	7,117	-9%	PASS
40183	LINCOLN BL / SEPULVEDA BL - WB	22,081	32,987	49%	FAIL	5,427	5,653	4%	PASS	5,680	7,267	28%	PASS
40188	LINCOLN BL / SEPULVEDA BL - EB	19,852	20,154	2%	PASS	3,530	3,647	3%	PASS	5,963	5,976	0%	PASS
40197	Imperial Hwy / Vista Del Mar - SB	9,552	7,758	-19%	PASS	1,115	1,265	13%	PASS	4,121	2,776	-33%	FAIL
40204	CENTURY BL / LA CIENEGA BL - SB	15,733	17,858	14%	PASS	1,968	2,979	51%	FAIL	4,381	4,014	-8%	PASS
40211	CENTURY BL / LA CIENEGA BL - WB	20,619	15,761	-24%	PASS	4,839	4,377	-10%	PASS	3,275	2,764	-16%	PASS
40214	CENTURY BL / LA CIENEGA BL - NB	11,374	11,022	-3%	PASS	2,502	3,501	40%	FAIL	2,892	3,069	6%	PASS
40218	CENTURY BL / LA CIENEGA BL - EB	25,455	11,971	-53%	FAIL	2,417	1,002	-59%	FAIL	5,404	5,124	-5%	PASS
40227	AVIATION BL / CENTURY BL - NB	17,450	18,690	7%	PASS	3,989	4,216	6%	PASS	3,439	4,973	45%	FAIL
40236	AVIATION BL / CENTURY BL - EB	29,834	20,146	-32%	FAIL	3,213	2,047	-36%	FAIL	6,375	8,065	27%	PASS
40240	AIRPORT BL / CENTURY BL - WB	27,890	17,421	-38%	FAIL	4,815	4,533	-6%	PASS	4,676	5,014	7%	PASS

STATIC HIGHWAY VEHICLE VOLUME VALIDATION

ID	LOCATION	DAILY				AM PERIOD (6-9AM)				PM PERIOD (3-7PM)			
		COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST
40244	AIRPORT BL / CENTURY BL - EB	34,273	13,801	-60%	FAIL	4,194	2,342	-44%	FAIL	6,883	5,265	-24%	PASS
40249	AIRPORT BL / LA TIJERA BL - EB	9,654	5,014	-48%	FAIL	1,589	867	-45%	FAIL	2,983	1,527	-49%	FAIL
40251	AIRPORT BL / LA TIJERA BL - SB	893	1,408	58%	PASS	173	138	-20%	PASS	423	367	-13%	PASS
40253	AIRPORT BL / CENTURY BL - SB	8,016	6,756	-16%	PASS	944	856	-9%	PASS	1,746	2,484	42%	PASS
40313	Imperial Hwy / Vista Del Mar - NB	9,117	10,632	17%	PASS	2,941	2,940	0%	PASS	2,038	2,499	23%	PASS
40317	IMPERIAL AV / MAIN ST - SB	7,130	7,390	4%	PASS	1,677	1,827	9%	PASS	1,545	1,434	-7%	PASS
40337	SEPULVEDA BL / WESTCHESTER PKWY - NB	28,723	30,244	5%	PASS	6,186	5,424	-12%	PASS	6,596	6,774	3%	PASS
40344	AVIATION BL / IMPERIAL HWY - WB	20,690	15,439	-25%	PASS	5,669	3,593	-37%	FAIL	3,565	2,891	-19%	PASS
40348	AVIATION BL / IMPERIAL HWY - NB	11,435	7,631	-33%	PASS	3,246	2,492	-23%	PASS	2,735	1,352	-51%	FAIL
40354	AVIATION BL / IMPERIAL HWY - SB	14,395	13,335	-7%	PASS	2,187	1,907	-13%	PASS	3,983	5,043	27%	PASS
40358	AVIATION BL / IMPERIAL HWY (SYSTEM LOOPS ONLY) -	14,988	13,697	-9%	PASS	1,519	1,624	7%	PASS	5,820	4,664	-20%	PASS
40360	AVIATION BL / CENTURY BL - SB	10,220	9,568	-6%	PASS	1,808	2,085	15%	PASS	2,529	2,797	11%	PASS
40379	DOUGLAS ST / IMPERIAL HWY - NB	3,987	3,123	-22%	PASS	624	528	-15%	PASS	1,418	940	-34%	PASS
40386	BEVERLY GLEN BL / WILSHIRE BL - NB	12,878	9,574	-26%	PASS	2,336	2,215	-5%	PASS	4,205	2,701	-36%	FAIL
40389	IMPERIAL HWY / LA CIENEGA BL - WB	13,282	11,644	-12%	PASS	4,592	3,391	-26%	PASS	1,995	2,181	9%	PASS
40393	IMPERIAL HWY / LA CIENEGA BL - EB	13,570	8,887	-35%	FAIL	1,360	759	-44%	PASS	5,564	2,950	-47%	FAIL
40395	IMPERIAL HWY / LA CIENEGA BL - SB	7,785	7,442	-4%	PASS	1,457	922	-37%	PASS	2,149	2,828	32%	PASS
40404	AVIATION BL / CENTURY BL - WB	20,675	16,561	-20%	PASS	3,608	4,812	33%	FAIL	3,350	3,481	4%	PASS
40417	OLYMPIC BL / SEPULVEDA BL - SB	13,242	13,745	4%	PASS	1,571	1,456	-7%	PASS	4,837	5,650	17%	PASS
40418	OLYMPIC BL / SEPULVEDA BL - NB	8,352	12,891	54%	FAIL	1,883	3,775	100%	FAIL	2,382	1,945	-18%	PASS
40426	BUNDY DR / WILSHIRE BL - WB	22,390	15,878	-29%	FAIL	3,883	2,939	-24%	PASS	5,288	4,171	-21%	PASS
40427	BUNDY DR / WILSHIRE BL - NB	15,342	13,629	-11%	PASS	2,737	2,909	6%	PASS	4,377	3,496	-20%	PASS
40506	PERSHING DR / WESTCHESTER PKWY - NB	8,953	10,318	15%	PASS	3,139	1,933	-38%	FAIL	1,913	2,838	48%	FAIL
40507	Pershing Dr / Westchester Pkwy - NB	8,308	8,722	5%	PASS	1,597	1,722	8%	PASS	2,770	2,093	-24%	PASS
40539	Pico Bl / Sawtelle Bl - NB	12,728	13,087	3%	PASS	3,130	3,832	22%	PASS	3,237	2,317	-28%	PASS
40543	PICO BL / SAWTELLE BL - SB	20,443	17,762	-13%	PASS	2,435	2,522	4%	PASS	6,799	5,921	-13%	PASS
40596	OVERLAND AV / PICO BL - SB	7,827	9,513	22%	PASS	1,061	1,435	35%	PASS	2,444	2,532	4%	PASS
40634	Pico Bl / Sepulveda Bl - WB	19,414	16,502	-15%	PASS	3,056	2,744	-10%	PASS	5,081	3,806	-25%	PASS
40636	PICO BL / SEPULVEDA BL - NB	19,948	20,112	1%	PASS	4,549	5,190	14%	PASS	5,316	3,891	-27%	PASS
40640	PICO BL / SEPULVEDA BL - EB	20,633	14,028	-32%	FAIL	3,721	2,501	-33%	FAIL	6,130	3,525	-42%	FAIL
40643	PICO BL / SEPULVEDA BL - SB	14,078	12,616	-10%	PASS	1,430	1,744	22%	PASS	5,018	4,563	-9%	PASS
40649	Olympic Bl / Sawtelle Bl - NB	11,033	13,458	22%	PASS	2,403	4,119	71%	FAIL	2,224	2,688	21%	PASS
40650	OLYMPIC BL / SAWTELLE BL - EB	17,863	14,646	-18%	PASS	3,014	2,568	-15%	PASS	4,647	3,837	-17%	PASS
40653	Olympic Bl / Sawtelle Bl - EB	9,428	3,423	-64%	FAIL	1,205	588	-51%	PASS	2,394	1,223	-49%	FAIL
40654	Olympic Bl / Sawtelle Bl - SB	27,196	19,741	-27%	FAIL	5,390	3,068	-43%	FAIL	7,316	6,318	-14%	PASS
40779	SEPULVEDA BL / SKIRBALL CENTER DR - NB	9,761	15,320	57%	FAIL	642	1,380	115%	FAIL	5,846	7,381	26%	PASS
40782	SEPULVEDA BL / SKIRBALL CENTER DR - SB	12,648	10,072	-20%	PASS	5,448	3,367	-38%	FAIL	1,119	2,187	95%	FAIL
40807	AVENUE OF THE STARS / OLYMPIC BL E/B RAMPS - NB	11,272	7,347	-35%	FAIL	3,059	2,593	-15%	PASS	2,470	1,035	-58%	FAIL
40809	AVENUE OF THE STARS / OLYMPIC BL E/B RAMPS - SB	9,631	7,127	-26%	PASS	1,317	545	-59%	FAIL	3,434	2,870	-16%	PASS
40858	AVENUE OF THE STARS / OLYMPIC BL W/B RAMPS - NB	11,721	7,294	-38%	FAIL	3,527	2,658	-25%	PASS	2,291	1,017	-56%	FAIL
40860	AVENUE OF THE STARS / OLYMPIC BL W/B RAMPS - WB	4,533	5,723	26%	PASS	1,091	1,711	57%	FAIL	1,146	1,011	-12%	PASS
40903	PICO BL / SAWTELLE BL - EB	18,497	20,986	13%	PASS	3,266	4,320	32%	PASS	5,694	5,383	-5%	PASS
40907	Manchester Av / Sepulveda Bl - SB	35,433	35,422	0%	PASS	5,651	5,805	3%	PASS	10,082	9,423	-7%	PASS
40945	Imperial Hwy / Pershing Dr - WB	6,247	11,712	87%	FAIL	1,088	2,792	157%	FAIL	1,371	2,376	73%	FAIL

STATIC HIGHWAY VEHICLE VOLUME VALIDATION

ID	LOCATION	DAILY				AM PERIOD (6-9AM)				PM PERIOD (3-7PM)			
		COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST
40950	Imperial Hwy / Pershing Dr - EB	7,119	3,350	-53%	FAIL	1,662	707	-57%	FAIL	1,863	673	-64%	FAIL
40960	OVERLAND AV / PICO BL - WB	24,083	23,745	-1%	PASS	4,189	4,454	6%	PASS	6,699	6,245	-7%	PASS
40965	Overland Av / Pico Bl - NB	20,354	23,327	15%	PASS	4,382	5,010	14%	PASS	5,202	4,836	-7%	PASS
40969	Overland Av / Pico Bl - SB	13,695	14,001	2%	PASS	2,176	2,244	3%	PASS	3,605	3,936	9%	PASS
40978	Beverly Glen Bl / Pico Bl - WB	21,371	18,704	-12%	PASS	3,981	3,876	-3%	PASS	5,594	4,689	-16%	PASS
40981	Beverly Glen Bl / Pico Bl - EB	22,454	22,306	-1%	PASS	4,362	5,263	21%	PASS	5,635	5,161	-8%	PASS
40983	Beverly Glen Bl / Pico Bl - SB	8,062	10,753	33%	PASS	1,379	1,272	-8%	PASS	2,654	3,700	39%	FAIL
40985	OLYMPIC BL / SEPULVEDA BL - EB	24,418	22,627	-7%	PASS	4,243	5,220	23%	PASS	7,067	5,423	-23%	PASS
40986	OLYMPIC BL / SEPULVEDA BL - WB	29,853	26,869	-10%	PASS	6,123	4,711	-23%	PASS	7,663	8,217	7%	PASS
40987	Pico Bl / Sawtelle Bl - WB	15,503	16,540	7%	PASS	2,448	2,804	15%	PASS	5,027	5,311	6%	PASS
41000	BEVERLY GLEN BL / OLYMPIC BL - WB	32,558	21,443	-34%	FAIL	5,445	3,748	-31%	FAIL	10,381	7,012	-32%	FAIL
41011	AVENUE OF THE STARS / PICO BL - SB	8,368	6,616	-21%	PASS	600	501	-16%	PASS	3,618	2,708	-25%	PASS
41015	AVENUE OF THE STARS / PICO BL - WB	21,177	20,989	-1%	PASS	5,048	5,938	18%	PASS	5,301	4,342	-18%	PASS
41017	AVENUE OF THE STARS / PICO BL - EB	25,996	17,767	-32%	FAIL	5,549	3,097	-44%	FAIL	6,890	5,177	-25%	PASS
41032	Beverly Glen Bl / Olympic Bl - NB	11,760	9,630	-18%	PASS	2,987	2,960	-1%	PASS	3,329	1,823	-45%	FAIL
41035	Beverly Glen Bl / Olympic Bl - EB	30,374	27,814	-8%	PASS	5,698	5,208	-9%	PASS	8,538	6,901	-19%	PASS
41037	Beverly Glen Bl / Olympic Bl - SB	15,562	15,051	-3%	PASS	2,856	1,915	-33%	PASS	5,281	3,670	-31%	FAIL
41097	WESTWOOD BL / WILSHIRE BL - NB	13,890	13,379	-4%	PASS	2,491	2,357	-5%	PASS	3,640	3,404	-6%	PASS
41119	Santa Monica Bl / Westwood Bl - EB	25,675	29,793	16%	PASS	5,230	6,492	24%	PASS	6,260	5,940	-5%	PASS
41120	BUNDY DR / PICO BL - EB	19,043	17,346	-9%	PASS	2,912	2,761	-5%	PASS	5,684	4,133	-27%	PASS
41137	Beverly Glen Bl / Santa Monica Bl - EB	29,075	32,169	11%	PASS	3,949	5,915	50%	FAIL	8,099	7,825	-3%	PASS
41141	Beverly Glen Bl / Santa Monica Bl - SB	12,572	15,798	26%	PASS	2,917	3,095	6%	PASS	3,444	3,287	-5%	PASS
41146	BEVERLY GLEN BL / SANTA MONICA BL - EB	31,968	20,524	-36%	FAIL	5,570	4,060	-27%	PASS	8,073	5,508	-32%	FAIL
41150	AVENUE OF THE STARS / SANTA MONICA BL - WB	28,777	26,439	-8%	PASS	4,744	5,000	5%	PASS	7,613	5,694	-25%	PASS
41155	AVENUE OF THE STARS / SANTA MONICA BL - NB	11,083	11,339	2%	PASS	1,512	2,469	63%	FAIL	4,023	2,907	-28%	PASS
41160	AVENUE OF THE STARS / SANTA MONICA BL - EB	32,898	33,007	0%	PASS	6,381	5,686	-11%	PASS	7,799	8,666	11%	PASS
41179	Ohio Av / Sepulveda Bl - WB	7,818	13,184	69%	FAIL	1,613	1,768	10%	PASS	2,041	3,343	64%	FAIL
41184	Ohio Av / Sepulveda Bl - EB	10,153	5,797	-43%	FAIL	2,367	1,615	-32%	PASS	2,459	1,172	-52%	FAIL
41193	Sepulveda Bl / Wilshire Bl - SB	7,138	13,377	87%	FAIL	1,851	4,195	127%	FAIL	1,932	2,861	48%	FAIL
41195	Sepulveda Bl / Wilshire Bl - WB	42,460	42,007	-1%	PASS	6,957	5,826	-16%	PASS	9,846	11,709	19%	PASS
41201	Sepulveda Bl / Wilshire Bl - NB	10,113	11,007	9%	PASS	1,344	2,706	101%	FAIL	4,210	3,333	-21%	PASS
41207	SEPULVEDA BL / WILSHIRE BL - EB	42,476	30,137	-29%	FAIL	6,309	5,390	-15%	PASS	11,001	7,340	-33%	FAIL
41231	Westwood Bl / Wilshire Bl - EB	37,988	15,399	-59%	FAIL	6,781	4,248	-37%	FAIL	8,345	3,270	-61%	FAIL
41263	WESTWOOD BL / WILSHIRE BL - WB	28,607	20,538	-28%	FAIL	5,101	3,650	-28%	FAIL	6,148	5,777	-6%	PASS
41275	Beverly Glen Bl / Wilshire Bl - WB	30,775	21,775	-29%	FAIL	5,944	5,152	-13%	PASS	7,274	4,826	-34%	FAIL
41281	BEVERLY GLEN BL / WILSHIRE BL - EB	31,501	24,429	-22%	PASS	5,096	3,621	-29%	FAIL	7,984	7,923	-1%	PASS
41284	Westwood Bl / Wilshire Bl - SB	11,886	8,633	-27%	PASS	1,314	1,386	5%	PASS	3,338	2,163	-35%	PASS
41356	MONTANA AV, SAN DIEGO FWY N/B OFF-RAMP / SEPU	4,407	2,886	-35%	PASS	755	625	-17%	PASS	1,139	831	-27%	PASS
41361	MONTANA AV, SAN DIEGO FWY N/B OFF-RAMP / SEPU	3,681	2,749	-25%	PASS	856	523	-39%	PASS	948	542	-43%	PASS
41434	Bundy Dr / Wilshire Bl - EB	19,844	19,943	0%	PASS	2,695	3,464	29%	PASS	4,828	5,211	8%	PASS
41435	Bundy Dr / Wilshire Bl - SB	10,791	14,258	32%	PASS	1,901	2,401	26%	PASS	2,890	3,629	26%	PASS
41464	Bundy Dr, Ohio Av / Santa Monica Bl - WB	16,648	11,722	-30%	FAIL	3,485	2,175	-38%	FAIL	3,688	3,164	-14%	PASS
41471	BUNDY DR OHIO AV / SANTA MONICA BL - EB	16,888	11,244	-33%	FAIL	2,144	2,272	6%	PASS	5,053	3,041	-40%	FAIL
41473	Bundy Dr, Ohio Av / Santa Monica Bl - SB	12,974	12,496	-4%	PASS	2,437	2,060	-15%	PASS	3,836	3,624	-6%	PASS

STATIC HIGHWAY VEHICLE VOLUME VALIDATION

ID	LOCATION	DAILY				AM PERIOD (6-9AM)				PM PERIOD (3-7PM)			
		COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST
41488	BUNDY DR OHIO AV / SANTA MONICA BL - NB	16,749	14,775	-12%	PASS	2,822	3,296	17%	PASS	4,719	3,493	-26%	PASS
41491	BUNDY DR / OLYMPIC BL - SB	20,089	17,771	-12%	PASS	3,645	2,719	-25%	PASS	5,174	5,224	1%	PASS
41494	BUNDY DR / OLYMPIC BL - WB	22,496	12,933	-43%	FAIL	4,333	2,930	-32%	FAIL	5,950	2,916	-51%	FAIL
41497	BUNDY DR / OLYMPIC BL - NB	21,768	21,375	-2%	PASS	4,461	4,694	5%	PASS	5,114	4,459	-13%	PASS
41523	Bundy Dr / Pico Bl - WB	13,547	13,023	-4%	PASS	2,733	2,691	-2%	PASS	3,102	3,132	1%	PASS
41530	Bundy Dr / Pico Bl - SB	18,036	18,491	3%	PASS	2,768	2,600	-6%	PASS	4,797	5,543	16%	PASS
41533	BARRINGTON AV / PICO BL - SB	16,066	18,482	15%	PASS	1,694	2,771	64%	FAIL	7,049	6,083	-14%	PASS
41535	BARRINGTON AV / PICO BL - WB	9,870	10,067	2%	PASS	1,877	1,951	4%	PASS	2,525	2,561	1%	PASS
41539	Barrington Av / Pico Bl - NB	12,140	9,963	-18%	PASS	3,408	3,333	-2%	PASS	3,016	1,937	-36%	FAIL
41540	Barrington Av / Pico Bl - EB	14,978	13,696	-9%	PASS	2,243	2,418	8%	PASS	4,104	3,402	-17%	PASS
41542	GATEWAY BL / PICO BL - WB	19,600	19,349	-1%	PASS	3,347	3,509	5%	PASS	6,393	6,004	-6%	PASS
41544	GATEWAY BL / PICO BL - NB	8,119	11,536	42%	FAIL	2,090	2,851	36%	PASS	2,010	2,785	39%	PASS
41547	GATEWAY BL / PICO BL - EB	14,441	10,369	-28%	PASS	2,216	1,796	-19%	PASS	4,331	2,490	-42%	FAIL
41564	Beverly Glen Bl / Wilshire Bl - EB	8,392	8,947	7%	PASS	1,715	2,524	47%	FAIL	2,327	2,387	3%	PASS
41774	BUNDY DR / OLYMPIC BL - EB	16,745	12,634	-25%	PASS	2,205	1,942	-12%	PASS	5,936	4,507	-24%	PASS
41818	BEVERLY GLEN BL / SANTA MONICA BL - SB	14,045	12,959	-8%	PASS	2,790	2,279	-18%	PASS	4,319	3,916	-9%	PASS
41825	SANTA MONICA BL / WESTWOOD BL - WB	28,724	21,402	-25%	FAIL	4,629	4,409	-5%	PASS	7,145	5,504	-23%	PASS
41827	SANTA MONICA BL / WESTWOOD BL - NB	16,070	17,600	10%	PASS	3,070	5,072	65%	FAIL	4,466	3,243	-27%	PASS
41831	SANTA MONICA BL / WESTWOOD BL - EB	29,056	21,185	-27%	FAIL	5,144	4,444	-14%	PASS	6,494	5,236	-19%	PASS
41834	SANTA MONICA BL / WESTWOOD BL - SB	16,094	17,340	8%	PASS	1,795	1,916	7%	PASS	5,265	6,236	18%	PASS
41900	SEPULVEDA BL / WESTCHESTER PKWY - WB	14,170	12,846	-9%	PASS	2,546	2,913	14%	PASS	3,139	3,440	10%	PASS
41922	SANTA MONICA BL / SEPULVEDA BL - WB	25,530	20,716	-19%	PASS	4,038	3,846	-5%	PASS	5,904	6,173	5%	PASS
41926	SANTA MONICA BL / SEPULVEDA BL - NB	17,812	15,928	-11%	PASS	3,511	3,880	11%	PASS	5,124	3,765	-27%	PASS
41930	SANTA MONICA BL / SEPULVEDA BL - EB	32,979	25,250	-23%	PASS	5,704	5,049	-11%	PASS	7,473	5,321	-29%	FAIL
41933	SANTA MONICA BL / SEPULVEDA BL - SB	12,330	13,595	10%	PASS	1,746	2,331	34%	PASS	3,832	4,534	18%	PASS
41975	LINCOLN BL / MANCHESTER AV - NB	25,620	27,048	6%	PASS	6,128	5,861	-4%	PASS	6,618	6,778	2%	PASS
42000	SEPULVEDA BL / WESTCHESTER PKWY - EB	6,467	1,181	-82%	FAIL	744	146	-80%	FAIL	1,775	363	-80%	FAIL
42100	76TH ST 77TH ST / SEPULVEDA BL - EB	4,252	2,845	-33%	PASS	1,362	386	-72%	FAIL	947	834	-12%	PASS
42157	ARBOR VITAE ST / AVIATION BL - NB	14,155	9,380	-34%	FAIL	3,328	1,694	-49%	FAIL	3,110	2,737	-12%	PASS
42158	ARBOR VITAE ST / AVIATION BL - EB	13,568	13,150	-3%	PASS	1,125	1,757	56%	FAIL	4,341	3,915	-10%	PASS
42159	ARBOR VITAE ST / AVIATION BL - SB	8,725	6,620	-24%	PASS	1,645	1,583	-4%	PASS	2,110	2,227	6%	PASS
42176	IMPERIAL HWY / PERSHING DR - SB	10,103	10,832	7%	PASS	1,816	1,434	-21%	PASS	3,162	3,266	3%	PASS
42401	AIRPORT BL / MANCHESTER AV - WB	17,001	14,439	-15%	PASS	4,432	3,064	-31%	FAIL	3,358	2,463	-27%	PASS
42424	AVENUE OF THE STARS / OLYMPIC BL W/B RAMPS - SB	9,925	8,636	-13%	PASS	1,058	683	-35%	PASS	3,778	3,334	-12%	PASS
50002	La Cienega Bl / Olympic Bl - WB	19,087	12,428	-35%	FAIL	4,608	4,115	-11%	PASS	4,278	2,670	-38%	FAIL
50004	La Cienega Bl / Olympic Bl - NB	30,934	19,496	-37%	FAIL	5,931	4,580	-23%	PASS	6,724	4,786	-29%	FAIL
50006	La Cienega Bl / Olympic Bl - EB	24,047	18,513	-23%	PASS	3,679	2,672	-27%	PASS	7,669	7,060	-8%	PASS
50007	LA CIENEGA BL / OLYMPIC BL - SB	26,198	25,875	-1%	PASS	3,259	4,310	32%	PASS	6,867	7,778	13%	PASS
50017	FAIRFAX AV OLYMPIC BL / SAN VICENTE BL - EB	16,979	14,904	-12%	PASS	2,435	2,134	-12%	PASS	5,060	5,865	16%	PASS
50020	Fairfax Av, Olympic Bl / San Vicente Bl - EB	10,283	13,845	35%	PASS	1,311	1,885	44%	PASS	3,119	5,471	75%	FAIL
50024	OLYMPIC BL / SAN VICENTE BL - WB	16,942	13,573	-20%	PASS	4,016	4,314	7%	PASS	3,711	2,730	-26%	PASS
50034	LA BREA AV / OLYMPIC BL - WB	19,308	14,661	-24%	PASS	5,051	4,611	-9%	PASS	4,255	3,469	-18%	PASS
50039	LA BREA AV / OLYMPIC BL - EB	20,793	15,331	-26%	PASS	2,776	2,416	-13%	PASS	6,406	6,072	-5%	PASS
50042	LA BREA AV / OLYMPIC BL - SB	18,793	14,837	-21%	PASS	2,715	2,865	6%	PASS	4,656	5,505	18%	PASS

STATIC HIGHWAY VEHICLE VOLUME VALIDATION

ID	LOCATION	DAILY				AM PERIOD (6-9AM)				PM PERIOD (3-7PM)			
		COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST
50051	Crenshaw Bl / Olympic Bl - WB	22,436	15,734	-30%	FAIL	6,067	4,369	-28%	FAIL	5,449	3,902	-28%	PASS
50053	Crenshaw Bl / Olympic Bl - NB	18,956	16,478	-13%	PASS	3,661	3,474	-5%	PASS	4,538	4,988	10%	PASS
50068	Olympic Bl / Western Av - WB	17,886	15,786	-12%	PASS	3,889	3,947	1%	PASS	4,028	3,995	-1%	PASS
50069	Olympic Bl / Western Av - NB	22,078	18,569	-16%	PASS	4,011	3,902	-3%	PASS	4,893	4,781	-2%	PASS
50071	Olympic Bl / Western Av - EB	19,586	20,633	5%	PASS	2,963	3,518	19%	PASS	5,350	6,376	19%	PASS
50086	Olympic Bl / Vermont Av - EB	20,925	13,965	-33%	FAIL	3,280	2,775	-15%	PASS	5,647	4,604	-18%	PASS
50101	LA CIENEGA BL / PICO BL - WB	16,914	16,497	-2%	PASS	4,429	4,542	3%	PASS	3,301	3,275	-1%	PASS
50102	La Cienega Bl / Pico Bl - NB	29,770	22,571	-24%	PASS	4,784	5,091	6%	PASS	6,137	5,466	-11%	PASS
50104	La Cienega Bl / Pico Bl - SB	22,978	22,428	-2%	PASS	3,030	3,698	22%	PASS	4,646	6,935	49%	FAIL
50115	LA BREA AV / SAN VICENTE BL - WB	13,728	16,401	19%	PASS	2,552	4,702	84%	FAIL	3,373	3,542	5%	PASS
50119	LA BREA AV / SAN VICENTE BL - NB	16,362	16,062	-2%	PASS	3,102	3,457	11%	PASS	3,674	3,914	7%	PASS
50120	LA BREA AV / SAN VICENTE BL - EB	29,117	13,966	-52%	FAIL	5,058	1,755	-65%	FAIL	6,386	5,163	-19%	PASS
50124	LA BREA AV / SAN VICENTE BL - SB	16,772	10,850	-35%	FAIL	2,464	2,033	-17%	PASS	5,360	3,958	-26%	PASS
50147	La Cienega Bl / Pico Bl - EB	17,396	18,300	5%	PASS	2,239	2,570	15%	PASS	5,186	5,613	8%	PASS
50151	Fairfax Av / Pico Bl - WB	14,187	14,157	0%	PASS	4,302	4,317	0%	PASS	2,650	2,865	8%	PASS
50157	Fairfax Av / Pico Bl - SB	15,065	17,146	14%	PASS	2,115	2,762	31%	PASS	3,412	3,591	5%	PASS
50164	LA BREA AV / PICO BL - WB	15,635	14,611	-7%	PASS	4,176	2,800	-33%	FAIL	3,666	3,396	-7%	PASS
50166	LA BREA AV / PICO BL - NB	26,732	29,720	11%	PASS	4,562	6,688	47%	FAIL	5,646	6,858	21%	PASS
50168	LA BREA AV / PICO BL - EB	16,469	11,300	-31%	FAIL	2,117	1,821	-14%	PASS	5,171	3,835	-26%	PASS
50170	LA BREA AV / PICO BL - SB	26,148	12,749	-51%	FAIL	4,400	2,123	-52%	FAIL	6,123	4,453	-27%	PASS
50173	PICO BL / SAN VICENTE BL - WB	16,272	18,459	13%	PASS	3,840	3,780	-2%	PASS	3,772	3,869	3%	PASS
50175	PICO BL / SAN VICENTE BL - NB	11,533	11,223	-3%	PASS	3,402	1,671	-51%	FAIL	2,413	4,545	88%	FAIL
50177	PICO BL / SAN VICENTE BL - EB	10,643	16,107	51%	FAIL	1,533	2,605	70%	FAIL	3,131	4,277	37%	FAIL
50182	PICO BL / SAN VICENTE BL - SB	11,302	12,050	7%	PASS	1,672	1,714	2%	PASS	3,713	4,628	25%	PASS
50199	Pico Bl / Western Av - WB	10,123	8,256	-18%	PASS	2,648	1,772	-33%	PASS	2,452	2,379	-3%	PASS
50202	Pico Bl / Western Av - EB	11,422	8,395	-27%	PASS	1,857	1,648	-11%	PASS	3,575	2,617	-27%	PASS
50242	National Bl / Sawtelle Bl - WB	16,340	13,524	-17%	PASS	3,011	2,315	-23%	PASS	4,365	2,912	-33%	FAIL
50246	NATIONAL BL / SAWTELLE BL - EB	12,626	11,013	-13%	PASS	2,171	1,958	-10%	PASS	4,098	2,489	-39%	FAIL
50248	NATIONAL BL / SAWTELLE BL - SB	20,478	14,992	-27%	PASS	2,358	1,574	-33%	PASS	7,611	5,503	-28%	FAIL
50249	OLYMPIC BL / SAN VICENTE BL - NB	16,064	15,568	-3%	PASS	3,955	4,658	18%	PASS	3,454	3,645	6%	PASS
50260	National Bl / Sepulveda Bl - WB	13,865	12,795	-8%	PASS	2,290	2,068	-10%	PASS	4,071	2,983	-27%	PASS
50263	National Bl / Sepulveda Bl - EB	21,315	15,417	-28%	FAIL	4,880	4,529	-7%	PASS	5,413	3,147	-42%	FAIL
50267	NATIONAL BL / SEPULVEDA BL - SB	33,125	19,966	-40%	FAIL	5,464	2,426	-56%	FAIL	7,929	6,249	-21%	PASS
50302	Palms Bl / Sepulveda Bl - WB	12,473	11,038	-12%	PASS	2,832	2,244	-21%	PASS	3,536	2,216	-37%	FAIL
50306	Palms Bl / Sepulveda Bl - EB	13,609	9,966	-27%	PASS	2,045	1,451	-29%	PASS	5,602	2,650	-53%	FAIL
50351	Cadillac Av / La Cienega Bl - WB	9,230	14,702	59%	FAIL	1,329	2,499	88%	FAIL	2,176	3,134	44%	PASS
50356	Cadillac Av / La Cienega Bl - EB	8,461	10,991	30%	PASS	1,465	1,617	10%	PASS	3,058	2,598	-15%	PASS
50371	Sawtelle Bl / Venice Bl - WB	22,511	20,206	-10%	PASS	4,200	3,581	-15%	PASS	5,907	5,315	-10%	PASS
50373	Sawtelle Bl / Venice Bl - NB	17,491	13,463	-23%	PASS	3,504	4,148	18%	PASS	4,002	2,724	-32%	PASS
50374	SAWTELLE BL / VENICE BL - EB	21,758	18,788	-14%	PASS	3,832	3,322	-13%	PASS	5,719	5,417	-5%	PASS
50378	Sawtelle Bl / Venice Bl - SB	12,468	17,480	40%	FAIL	1,755	2,665	52%	FAIL	5,011	4,833	-4%	PASS
50382	Sepulveda Bl / Venice Bl - WB	22,300	18,023	-19%	PASS	4,376	3,750	-14%	PASS	5,732	4,679	-18%	PASS
50389	SEPULVEDA BL / VENICE BL - EB	20,966	16,567	-21%	PASS	3,181	3,140	-1%	PASS	5,327	4,173	-22%	PASS
50392	OVERLAND AV / VENICE BL - WB	29,619	24,431	-18%	PASS	5,528	5,263	-5%	PASS	8,065	6,312	-22%	PASS

STATIC HIGHWAY VEHICLE VOLUME VALIDATION

ID	LOCATION	DAILY				AM PERIOD (6-9AM)				PM PERIOD (3-7PM)			
		COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST
50399	OVERLAND AV / VENICE BL - SB	18,217	19,302	6%	PASS	2,744	2,931	7%	PASS	5,788	6,134	6%	PASS
50424	National Bl / Venice Bl - EB	32,008	28,391	-11%	PASS	5,281	5,004	-5%	PASS	8,664	7,166	-17%	PASS
50431	La Cienega Bl / Venice Bl - NB	18,637	16,878	-9%	PASS	4,261	4,025	-6%	PASS	4,660	4,348	-7%	PASS
50433	La Cienega Bl / Venice Bl - EB	17,521	16,560	-5%	PASS	4,088	4,249	4%	PASS	3,398	4,309	27%	PASS
50434	LA CIENEGA BL / VENICE BL - EB	22,821	18,167	-20%	PASS	3,707	3,410	-8%	PASS	6,806	6,077	-11%	PASS
50439	LA CIENEGA BL / VENICE BL - SB	19,603	23,116	18%	PASS	3,123	3,899	25%	PASS	5,012	7,954	59%	FAIL
50441	Cadillac Av, Santa Monica Fwy W/B Off-ramp / Venice Bl	17,200	11,303	-34%	FAIL	2,269	1,731	-24%	PASS	3,996	2,214	-45%	FAIL
50451	FAIRFAX AV / VENICE BL - WB	20,779	14,158	-32%	FAIL	6,035	3,828	-37%	FAIL	4,715	3,424	-27%	PASS
50454	Fairfax Av / Venice Bl - NB	20,971	17,889	-15%	PASS	3,007	3,007	0%	PASS	4,846	3,274	-32%	FAIL
50458	Fairfax Av / Venice Bl - EB	18,821	16,774	-11%	PASS	2,765	2,742	-1%	PASS	6,743	5,515	-18%	PASS
50460	Fairfax Av / Venice Bl - SB	20,180	23,550	17%	PASS	2,995	3,691	23%	PASS	5,576	5,562	0%	PASS
50477	LA BREA AV / VENICE BL - EB	17,450	12,288	-30%	FAIL	2,528	2,190	-13%	PASS	6,671	3,895	-42%	FAIL
50482	San Vicente Bl, Venice Bl / Vineyard Av - WB	10,958	7,734	-29%	PASS	3,421	2,349	-31%	PASS	2,185	1,853	-15%	PASS
50486	San Vicente Bl, Venice Bl / Vineyard Av - EB	11,113	7,387	-34%	PASS	1,595	1,356	-15%	PASS	4,196	2,735	-35%	FAIL
50489	San Vicente Bl, Venice Bl / Vineyard Av - SB	11,110	12,715	14%	PASS	1,669	3,802	128%	FAIL	3,512	3,047	-13%	PASS
50491	Crenshaw Bl / Venice Bl - WB	14,118	15,853	12%	PASS	3,568	4,140	16%	PASS	3,274	3,871	18%	PASS
50495	Crenshaw Bl / Venice Bl - NB	25,048	19,847	-21%	PASS	5,134	4,628	-10%	PASS	5,825	5,369	-8%	PASS
50497	CRENSHAW BL / VENICE BL - EB	19,231	17,293	-10%	PASS	2,773	2,887	4%	PASS	6,413	6,907	8%	PASS
50501	CRENSHAW BL / VENICE BL - SB	18,617	20,937	12%	PASS	3,720	4,774	28%	PASS	4,748	5,792	22%	PASS
50511	Venice Bl / Western Av - WB	10,180	13,652	34%	PASS	2,368	3,405	44%	FAIL	2,847	3,736	31%	PASS
50513	Venice Bl / Western Av - NB	21,757	13,417	-38%	FAIL	3,848	2,442	-37%	FAIL	4,780	2,880	-40%	FAIL
50515	Venice Bl / Western Av - EB	12,377	8,420	-32%	PASS	2,362	1,549	-34%	PASS	3,987	2,884	-28%	PASS
50517	Venice Bl / Western Av - SB	19,740	18,322	-7%	PASS	2,968	3,540	19%	PASS	4,093	5,170	26%	PASS
50527	VENICE BL / VERMONT AV - WB	8,832	9,293	5%	PASS	1,788	2,092	17%	PASS	2,870	2,783	-3%	PASS
50528	Venice Bl / Vermont Av - NB	20,824	15,248	-27%	PASS	3,947	2,853	-28%	PASS	4,715	4,803	2%	PASS
50531	Venice Bl / Vermont Av - EB	11,730	10,964	-7%	PASS	2,591	2,375	-8%	PASS	4,072	3,466	-15%	PASS
50533	Venice Bl / Vermont Av - SB	20,594	19,602	-5%	PASS	3,092	4,403	42%	FAIL	4,702	5,657	20%	PASS
50556	FAIRFAX AV / WASHINGTON BL - SB	13,629	14,553	7%	PASS	3,363	2,193	-35%	FAIL	2,755	3,844	40%	FAIL
50560	FAIRFAX AV / WASHINGTON BL - WB	25,529	18,581	-27%	FAIL	4,562	4,402	-4%	PASS	5,880	4,032	-31%	FAIL
50564	FAIRFAX AV / WASHINGTON BL - NB	10,033	16,989	69%	FAIL	1,338	2,912	118%	FAIL	3,943	3,930	0%	PASS
50566	FAIRFAX AV / WASHINGTON BL - EB	10,801	12,756	18%	PASS	2,002	2,349	17%	PASS	2,671	4,224	58%	FAIL
50568	ELECTRIC DR SANTA MONICA FWY W/B OFF-RAMP / W	11,926	12,146	2%	PASS	827	1,864	125%	FAIL	2,698	2,402	-11%	PASS
50573	ELECTRIC DR SANTA MONICA FWY W/B OFF-RAMP / W	4,532	7,885	74%	FAIL	643	1,107	72%	FAIL	1,533	1,344	-12%	PASS
50583	Hauser Bl / Washington Bl - SB	7,891	9,080	15%	PASS	1,368	1,223	-11%	PASS	2,534	1,838	-27%	PASS
50589	La Brea Av / Washington Bl - EB	11,772	9,119	-23%	PASS	1,822	1,441	-21%	PASS	4,337	3,868	-11%	PASS
50591	La Brea Av / Washington Bl - SB	23,137	21,995	-5%	PASS	3,117	3,560	14%	PASS	5,376	7,327	36%	FAIL
50593	La Brea Av / Washington Bl - WB	15,832	12,201	-23%	PASS	5,204	4,293	-18%	PASS	2,981	2,670	-10%	PASS
50594	LA BREA AV / WASHINGTON BL - NB	24,346	21,239	-13%	PASS	3,587	3,919	9%	PASS	5,088	5,206	2%	PASS
50597	Washington Bl / West Bl - NB	5,696	6,247	10%	PASS	918	1,509	64%	FAIL	2,042	1,087	-47%	FAIL
50600	Washington Bl / West Bl - SB	6,875	6,478	-6%	PASS	1,152	1,250	8%	PASS	2,505	1,582	-37%	PASS
50601	CRENSHAW BL / WASHINGTON BL - WB	13,878	13,332	-4%	PASS	3,206	4,162	30%	PASS	3,446	3,094	-10%	PASS
50606	Crenshaw Bl / Washington Bl - NB	28,719	19,289	-33%	FAIL	6,366	3,804	-40%	FAIL	6,688	5,144	-23%	PASS
50607	CRENSHAW BL / WASHINGTON BL - EB	12,293	13,685	11%	PASS	2,135	2,415	13%	PASS	4,036	5,117	27%	PASS
50615	Arlington Av / Washington Bl - NB	19,273	18,012	-7%	PASS	3,517	4,028	15%	PASS	4,668	4,427	-5%	PASS

STATIC HIGHWAY VEHICLE VOLUME VALIDATION

ID	LOCATION	DAILY				AM PERIOD (6-9AM)				PM PERIOD (3-7PM)			
		COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST
50618	ARLINGTON AV / WASHINGTON BL - SB	17,010	17,917	5%	PASS	3,048	3,692	21%	PASS	4,748	6,116	29%	PASS
50620	Washington Bl / Western Av - WB	15,542	16,027	3%	PASS	4,011	4,855	21%	PASS	4,355	4,301	-1%	PASS
50624	Washington Bl / Western Av - EB	11,963	14,901	25%	PASS	2,288	2,509	10%	PASS	3,871	5,595	45%	FAIL
50626	Washington Bl / Western Av - SB	19,970	12,907	-35%	FAIL	2,691	2,303	-14%	PASS	4,157	3,468	-17%	PASS
50629	WASHINGTON BL / WESTERN AV - NB	25,834	17,998	-30%	FAIL	5,056	3,342	-34%	FAIL	5,643	4,182	-26%	PASS
50633	Normandie Av / Washington Bl - NB	23,542	20,202	-14%	PASS	4,818	4,151	-14%	PASS	5,726	4,838	-16%	PASS
50642	VERMONT AV / WASHINGTON BL - WB	16,178	12,437	-23%	PASS	3,261	2,861	-12%	PASS	5,151	3,775	-27%	PASS
50643	VERMONT AV / WASHINGTON BL - NB	24,517	19,562	-20%	PASS	4,950	4,448	-10%	PASS	5,753	5,143	-11%	PASS
50646	Vermont Av / Washington Bl - EB	13,304	14,401	8%	PASS	2,765	2,949	7%	PASS	4,339	5,493	27%	PASS
50648	Vermont Av / Washington Bl - SB	19,890	18,246	-8%	PASS	2,971	4,096	38%	FAIL	4,469	5,285	18%	PASS
50659	Adams Bl / Fairfax Av - WB	10,130	11,143	10%	PASS	4,209	3,036	-28%	PASS	1,450	2,317	60%	FAIL
50661	Adams Bl / Fairfax Av - NB	20,926	15,283	-27%	PASS	3,016	2,395	-21%	PASS	5,480	3,583	-35%	FAIL
50662	ADAMS BL / FAIRFAX AV - EB	5,947	8,749	47%	PASS	568	1,068	88%	FAIL	3,134	2,847	-9%	PASS
50664	Adams Bl / Fairfax Av - SB	16,765	18,682	11%	PASS	3,032	3,506	16%	PASS	3,434	4,425	29%	PASS
50683	Adams Bl / La Brea Av - NB	23,679	21,033	-11%	PASS	4,949	4,521	-9%	PASS	5,228	4,188	-20%	PASS
50687	Adams Bl / La Brea Av - EB	15,673	18,402	17%	PASS	2,176	2,995	38%	PASS	5,613	5,317	-5%	PASS
50690	Adams Bl / La Brea Av - SB	30,869	35,599	15%	PASS	4,377	5,918	35%	FAIL	8,555	9,950	16%	PASS
50712	Adams Bl / Crenshaw Bl - EB	15,795	18,516	17%	PASS	2,648	3,028	14%	PASS	5,259	5,193	-1%	PASS
50714	ADAMS BL / CRENSHAW BL - SB	22,669	26,250	16%	PASS	2,973	4,841	63%	FAIL	6,825	6,596	-3%	PASS
50750	Adams Bl / Western Av - WB	11,004	11,551	5%	PASS	2,883	2,180	-24%	PASS	2,890	2,894	0%	PASS
50752	Adams Bl / Western Av - NB	17,837	18,499	4%	PASS	3,800	3,673	-3%	PASS	3,941	4,285	9%	PASS
50756	Adams Bl / Western Av - EB	12,113	12,114	0%	PASS	2,406	1,679	-30%	PASS	4,401	4,076	-7%	PASS
50758	Adams Bl / Western Av - SB	19,543	15,963	-18%	PASS	3,128	2,421	-23%	PASS	5,313	3,998	-25%	PASS
50768	8TH ST / SOTO ST - WB	11,405	10,553	-7%	PASS	2,467	2,387	-3%	PASS	2,732	3,126	14%	PASS
50770	8th St / Soto St - NB	20,851	20,802	0%	PASS	3,914	3,405	-13%	PASS	4,455	4,943	11%	PASS
50774	8th St / Soto St - EB	14,305	9,710	-32%	FAIL	2,709	1,956	-28%	PASS	3,562	3,453	-3%	PASS
50785	Alameda St / Olympic Bl - WB	13,493	13,128	-3%	PASS	3,464	3,611	4%	PASS	3,151	3,589	14%	PASS
50786	Alameda St / Olympic Bl - NB	12,863	12,620	-2%	PASS	2,246	2,911	30%	PASS	2,938	3,596	22%	PASS
50788	Alameda St / Olympic Bl - EB	15,342	6,431	-58%	FAIL	2,254	2,087	-7%	PASS	4,751	1,701	-64%	FAIL
50790	Alameda St / Olympic Bl - SB	13,811	11,722	-15%	PASS	2,275	2,576	13%	PASS	3,338	3,712	11%	PASS
50801	Olympic Bl / Soto St - WB	11,792	7,093	-40%	FAIL	2,653	1,889	-29%	PASS	2,873	1,665	-42%	FAIL
50803	Olympic Bl / Soto St - NB	9,855	25,936	163%	FAIL	1,786	4,868	173%	FAIL	2,517	7,272	189%	FAIL
50808	Olympic Bl / Soto St - EB	8,838	8,203	-7%	PASS	1,133	1,523	34%	PASS	3,273	3,373	3%	PASS
50810	Olympic Bl / Soto St - SB	17,867	13,373	-25%	PASS	3,170	2,715	-14%	PASS	3,513	2,954	-16%	PASS
50845	Soto St / Washington Bl - WB	10,181	12,443	22%	PASS	3,251	3,242	0%	PASS	2,021	3,852	91%	FAIL
50847	Soto St / Washington Bl - NB	19,548	25,205	29%	FAIL	3,855	4,776	24%	PASS	4,666	6,632	42%	FAIL
50849	Soto St / Washington Bl - EB	16,589	12,897	-22%	PASS	2,264	2,595	15%	PASS	6,699	5,489	-18%	PASS
50854	LA BREA AV / VENICE BL - WB	14,708	8,010	-46%	FAIL	4,405	2,257	-49%	FAIL	3,286	1,989	-39%	FAIL
50873	Adams Bl / Central Av - WB	6,272	7,967	27%	PASS	1,328	1,816	37%	PASS	1,951	1,853	-5%	PASS
50874	Adams Bl / Central Av - NB	15,235	17,074	12%	PASS	3,457	4,172	21%	PASS	3,414	3,831	12%	PASS
50876	Adams Bl / Central Av - EB	6,764	10,269	52%	FAIL	1,040	1,572	51%	PASS	2,253	3,714	65%	FAIL
50879	ADAMS BL / CENTRAL AV - SB	12,868	13,938	8%	PASS	1,840	2,310	26%	PASS	3,683	4,150	13%	PASS
50905	JEFFERSON BL / LA BREA AV - NB	35,029	35,508	1%	PASS	7,378	8,268	12%	PASS	8,658	7,968	-8%	PASS
50910	JEFFERSON BL / LA BREA AV - SB	24,005	21,838	-9%	PASS	3,666	3,202	-13%	PASS	6,043	6,122	1%	PASS

STATIC HIGHWAY VEHICLE VOLUME VALIDATION

ID	LOCATION	DAILY				AM PERIOD (6-9AM)				PM PERIOD (3-7PM)			
		COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST
50936	National Bl / Venice Bl - SB	10,861	18,187	67%	FAIL	1,878	4,406	135%	FAIL	3,849	2,937	-24%	PASS
50938	FAIRFAX AV / PICO BL - NB	15,541	16,810	8%	PASS	2,394	2,780	16%	PASS	3,375	3,532	5%	PASS
50939	BEVERLY DR / PICO BL - WB	20,347	20,731	2%	PASS	3,867	6,075	57%	FAIL	4,050	4,220	4%	PASS
50941	BEVERLY DR / PICO BL - NB	6,810	7,344	8%	PASS	1,771	885	-50%	FAIL	1,559	2,412	55%	FAIL
50943	BEVERLY DR / PICO BL - EB	18,075	16,768	-7%	PASS	1,790	2,158	21%	PASS	6,256	5,874	-6%	PASS
50944	BEVERLY DR / PICO BL - SB	9,384	9,377	0%	PASS	1,098	1,232	12%	PASS	3,173	2,690	-15%	PASS
50951	OLYMPIC BL / VERMONT AV - WB	19,474	13,888	-29%	FAIL	3,883	3,487	-10%	PASS	4,767	3,692	-23%	PASS
50952	OLYMPIC BL / VERMONT AV - NB	23,000	16,469	-28%	FAIL	4,451	3,081	-31%	FAIL	5,042	5,253	4%	PASS
50953	OLYMPIC BL / VERMONT AV - SB	23,750	19,355	-19%	PASS	3,669	4,202	15%	PASS	5,187	5,715	10%	PASS
50987	National Bl, Overland Av / Santa Monica Fwy W/b Ramp	25,644	19,450	-24%	PASS	6,146	4,648	-24%	PASS	5,753	4,044	-30%	FAIL
50990	NATIONAL BL OVERLAND AV / SANTA MONICA FWY W	12,770	10,200	-20%	PASS	2,920	1,961	-33%	PASS	3,393	2,899	-15%	PASS
50993	National Bl, Overland Av / Santa Monica Fwy W/b Ramp	22,024	23,945	9%	PASS	3,131	3,108	-1%	PASS	6,867	6,428	-6%	PASS
50995	NATIONAL BL OVERLAND AV / SANTA MONICA FWY W	15,522	12,628	-19%	PASS	1,909	2,003	5%	PASS	4,878	2,463	-49%	FAIL
51019	JEFFERSON BL / LA BREA AV - WB	17,631	13,450	-24%	PASS	4,802	3,250	-32%	FAIL	4,110	3,173	-23%	PASS
51020	JEFFERSON BL / LA BREA AV - EB	13,097	13,367	2%	PASS	1,819	1,820	0%	PASS	3,869	4,831	25%	PASS
51021	Blackwelder St, Fairfax Av / La Cienega Bl - WB	16,684	15,133	-9%	PASS	3,762	3,153	-16%	PASS	2,962	2,710	-9%	PASS
51029	JEFFERSON BL / LA CIENEGA BL - WB	17,720	16,565	-7%	PASS	4,622	4,085	-12%	PASS	4,405	3,606	-18%	PASS
51030	Jefferson Bl / La Cienega Bl - NB	35,247	36,205	3%	PASS	6,298	7,322	16%	PASS	8,084	8,936	11%	PASS
51035	JEFFERSON BL / LA CIENEGA BL - EB	15,470	17,752	15%	PASS	2,250	2,730	21%	PASS	5,238	5,175	-1%	PASS
51041	La Cienega Bl / Rodeo Rd - WB	12,897	19,417	51%	FAIL	3,768	4,920	31%	FAIL	2,885	3,674	27%	PASS
51044	LA CIENEGA BL / RODEO RD - NB	35,215	35,495	1%	PASS	6,152	7,896	28%	FAIL	8,362	8,665	4%	PASS
51047	LA CIENEGA BL / RODEO RD - EB	16,056	18,784	17%	PASS	1,768	1,975	12%	PASS	5,449	7,395	36%	FAIL
51053	LA CIENEGA BL / RODEO RD - SB	37,699	36,092	-4%	PASS	6,131	6,456	5%	PASS	9,899	9,377	-5%	PASS
51055	Bundy Dr / Ocean Park Bl - WB	12,417	11,745	-5%	PASS	2,838	2,163	-24%	PASS	3,259	3,668	13%	PASS
51056	BUNDY DR / OCEAN PARK BL - NB	24,370	22,357	-8%	PASS	6,323	6,017	-5%	PASS	5,218	4,306	-17%	PASS
51060	BUNDY DR / OCEAN PARK BL - EB	10,024	13,880	38%	FAIL	1,293	1,992	54%	FAIL	3,822	3,921	3%	PASS
51062	Bundy Dr / Ocean Park Bl - SB	22,638	16,670	-26%	PASS	3,328	2,002	-40%	FAIL	6,407	4,911	-23%	PASS
51070	CENTINELA AV / VENICE BL - WB	24,175	16,141	-33%	FAIL	4,104	3,174	-23%	PASS	6,849	4,041	-41%	FAIL
51074	CENTINELA AV / VENICE BL - NB	16,475	16,441	0%	PASS	3,867	3,999	3%	PASS	4,116	3,517	-15%	PASS
51076	CENTINELA AV / VENICE BL - EB	22,579	14,762	-35%	FAIL	4,357	3,159	-27%	PASS	6,155	3,570	-42%	FAIL
51079	CENTINELA AV / VENICE BL - SB	17,724	20,140	14%	PASS	2,374	2,893	22%	PASS	5,380	6,585	22%	PASS
51084	MCLAUGHLIN AV / VENICE BL - NB	4,418	2,839	-36%	PASS	1,432	1,074	-25%	PASS	1,221	554	-55%	FAIL
51088	MCLAUGHLIN AV / VENICE BL - SB	7,583	5,366	-29%	PASS	813	475	-42%	PASS	3,682	2,928	-20%	PASS
51215	FAIRFAX AV OLYMPIC BL / SAN VICENTE BL - SB	18,638	20,965	12%	PASS	3,223	3,844	19%	PASS	4,141	5,413	31%	PASS
51224	Normandie Av / Washington Bl - SB	18,574	26,865	45%	FAIL	2,798	4,655	66%	FAIL	5,849	6,670	14%	PASS
51261	NATIONAL BL / SEPULVEDA BL - EB	21,224	21,875	3%	PASS	3,744	4,119	10%	PASS	6,695	4,566	-32%	FAIL
51275	OVERLAND AV / VENICE BL - NB	16,414	15,019	-9%	PASS	3,355	3,706	10%	PASS	4,562	3,332	-27%	PASS
51277	OVERLAND AV / VENICE BL - EB	26,364	17,962	-32%	FAIL	4,168	3,320	-20%	PASS	7,424	4,471	-40%	FAIL
51289	INGLEWOOD BL / VENICE BL - NB	7,209	2,460	-66%	FAIL	2,207	422	-81%	FAIL	1,658	650	-61%	FAIL
51329	FAIRFAX AV OLYMPIC BL / SAN VICENTE BL - NB	23,239	16,364	-30%	FAIL	3,775	2,668	-29%	PASS	4,795	3,394	-29%	PASS
51330	LA BREA AV / RODEO RD - WB	18,224	13,985	-23%	PASS	4,990	3,423	-31%	FAIL	4,015	2,910	-28%	PASS
51337	LA BREA AV / RODEO RD - NB	28,456	29,810	5%	PASS	5,864	6,416	9%	PASS	7,287	6,852	-6%	PASS
51338	LA BREA AV / RODEO RD - EB	17,476	12,024	-31%	FAIL	2,149	1,702	-21%	PASS	5,642	3,904	-31%	FAIL
51344	LA BREA AV / RODEO RD - SB	30,395	35,865	18%	PASS	4,467	5,849	31%	FAIL	9,126	10,029	10%	PASS

STATIC HIGHWAY VEHICLE VOLUME VALIDATION

ID	LOCATION	DAILY				AM PERIOD (6-9AM)				PM PERIOD (3-7PM)			
		COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST
51371	LA BREA AV / OLYMPIC BL - NB	18,900	15,604	-17%	PASS	3,272	3,776	15%	PASS	4,252	4,210	-1%	PASS
51428	OLYMPIC BL / WESTERN AV - SB	20,634	19,806	-4%	PASS	3,176	3,911	23%	PASS	4,650	5,390	16%	PASS
51440	ADAMS BL / CRENSHAW BL - WB	13,344	8,107	-39%	FAIL	4,312	1,869	-57%	FAIL	2,690	1,908	-29%	PASS
51457	CRENSHAW BL / OLYMPIC BL - EB	17,234	18,061	5%	PASS	2,661	3,206	20%	PASS	5,570	6,630	19%	PASS
51458	CRENSHAW BL / OLYMPIC BL - SB	17,236	17,836	3%	PASS	3,512	4,164	19%	PASS	4,699	5,159	10%	PASS
51468	SOTO ST / WASHINGTON BL - SB	22,642	9,953	-56%	FAIL	4,081	2,282	-44%	FAIL	5,315	2,080	-61%	FAIL
51472	SEPULVEDA BL / VENICE BL - NB	23,714	13,900	-41%	FAIL	4,499	3,738	-17%	PASS	6,238	2,835	-55%	FAIL
51473	SEPULVEDA BL / VENICE BL - SB	13,991	9,642	-31%	PASS	1,698	865	-49%	FAIL	4,922	4,268	-13%	PASS
51500	CRENSHAW BL / WASHINGTON BL - SB	22,452	18,627	-17%	PASS	3,256	3,746	15%	PASS	6,130	5,267	-14%	PASS
51528	NATIONAL BL / SAWTELLE BL - NB	11,161	8,668	-22%	PASS	3,256	3,247	0%	PASS	2,795	1,416	-49%	FAIL
51590	JEFFERSON BL / LA CIENEGA BL - SB	33,485	32,156	-4%	PASS	5,528	5,841	6%	PASS	8,058	8,676	8%	PASS
51620	BUNDY DR / NATIONAL BL - SB	25,857	21,839	-16%	PASS	3,141	2,777	-12%	PASS	8,814	7,439	-16%	PASS
51622	BUNDY DR / NATIONAL BL - WB	7,583	7,861	4%	PASS	1,368	1,301	-5%	PASS	2,557	1,201	-53%	FAIL
51624	BUNDY DR / NATIONAL BL - NB	22,211	20,898	-6%	PASS	5,456	5,595	3%	PASS	4,828	3,946	-18%	PASS
51650	BARRINGTON AV / NATIONAL BL - WB	10,520	11,132	6%	PASS	2,411	1,863	-23%	PASS	2,923	2,182	-25%	PASS
51651	BARRINGTON AV / NATIONAL BL - NB	9,588	7,899	-18%	PASS	2,895	861	-70%	FAIL	2,221	3,575	61%	FAIL
51654	BARRINGTON AV / NATIONAL BL - EB	8,411	8,740	4%	PASS	1,464	1,407	-4%	PASS	2,548	1,506	-41%	PASS
51656	BARRINGTON AV / NATIONAL BL - SB	14,258	10,612	-26%	PASS	1,528	1,270	-17%	PASS	6,081	4,677	-23%	PASS
51785	BARRINGTON AV / GATEWAY BL - WB	8,220	11,480	40%	PASS	1,258	1,323	5%	PASS	3,174	4,945	56%	FAIL
51787	BARRINGTON AV / GATEWAY BL - NB	12,042	11,887	-1%	PASS	3,662	2,737	-25%	PASS	2,984	3,070	3%	PASS
51790	BARRINGTON AV / GATEWAY BL - EB	11,017	10,195	-7%	PASS	2,194	3,344	52%	FAIL	3,577	1,962	-45%	FAIL
51792	BARRINGTON AV / GATEWAY BL - SB	15,823	10,547	-33%	FAIL	1,749	1,753	0%	PASS	7,079	3,687	-48%	FAIL
51894	MOTOR AV / VENICE BL - NB	5,255	8,311	58%	FAIL	1,147	1,193	4%	PASS	1,708	2,285	34%	PASS
51898	MOTOR AV / VENICE BL - SB	6,881	6,609	-4%	PASS	1,744	1,299	-26%	PASS	1,721	1,359	-21%	PASS
51999	BAGLEY AV MAIN ST / VENICE BL - SB	4,520	4,352	-4%	PASS	930	817	-12%	PASS	1,383	1,020	-26%	PASS
52000	NATIONAL BL / VENICE BL - WB	22,109	17,441	-21%	PASS	4,349	4,223	-3%	PASS	5,858	4,699	-20%	PASS
52001	NATIONAL BL / VENICE BL - NB	14,471	14,036	-3%	PASS	3,504	2,127	-39%	FAIL	3,544	4,687	32%	PASS
52083	LA BREA AV / VENICE BL - NB	29,547	22,061	-25%	FAIL	5,280	5,307	1%	PASS	6,616	4,996	-24%	PASS
52084	LA BREA AV / VENICE BL - SB	23,198	26,398	14%	PASS	3,072	4,451	45%	FAIL	5,025	8,489	69%	FAIL
52106	ADAMS BL / CRENSHAW BL - NB	25,114	20,754	-17%	PASS	4,963	4,510	-9%	PASS	5,955	6,032	1%	PASS
60008	RESEDA BL / VICTORY BL - EB	22,952	23,940	4%	PASS	4,807	4,250	-12%	PASS	6,776	6,919	2%	PASS
60009	Victory Bl, Woodley Av / Busway - WB	16,437	15,357	-7%	PASS	2,895	2,661	-8%	PASS	3,907	3,271	-16%	PASS
60015	VICTORY BL / WHITE OAK AV - NB	15,185	14,284	-6%	PASS	2,150	2,532	18%	PASS	4,955	3,199	-35%	FAIL
60019	VICTORY BL / WHITE OAK AV - EB	21,940	20,202	-8%	PASS	5,085	3,666	-28%	FAIL	6,293	5,898	-6%	PASS
60020	VICTORY BL / WHITE OAK AV - SB	11,721	10,455	-11%	PASS	3,389	1,975	-42%	FAIL	2,499	2,070	-17%	PASS
60022	VICTORY BL / WHITE OAK AV - SB	21,138	20,648	-2%	PASS	4,917	3,825	-22%	PASS	6,408	6,362	-1%	PASS
60026	Balboa Bl / Victory Bl - WB	22,625	26,147	16%	PASS	5,022	4,856	-3%	PASS	7,143	7,954	11%	PASS
60028	Balboa Bl / Victory Bl - NB	17,269	26,809	55%	FAIL	1,871	4,008	114%	FAIL	5,748	7,436	29%	FAIL
60034	Balboa Bl / Victory Bl - SB	24,462	24,587	1%	PASS	5,604	4,563	-19%	PASS	6,770	7,029	4%	PASS
60037	BALBOA BL / VICTORY BL - SB	18,055	18,007	0%	PASS	4,933	4,547	-8%	PASS	4,107	3,117	-24%	PASS
60056	Burbank Bl / Reseda Bl - WB	10,361	11,581	12%	PASS	2,272	2,458	8%	PASS	3,107	2,843	-8%	PASS
60063	BURBANK BL / RESEDA BL - EB	10,821	9,320	-14%	PASS	2,387	1,222	-49%	FAIL	2,726	2,659	-2%	PASS
60090	RESEDA BL / VICTORY BL - WB	20,387	21,383	5%	PASS	4,318	4,443	3%	PASS	6,091	5,658	-7%	PASS
60091	Balboa Bl / Burbank Bl - WB	14,568	13,001	-11%	PASS	2,045	2,012	-2%	PASS	3,762	2,533	-33%	FAIL

STATIC HIGHWAY VEHICLE VOLUME VALIDATION

ID	LOCATION	DAILY				AM PERIOD (6-9AM)				PM PERIOD (3-7PM)			
		COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST
60117	BURBANK BL / HAYVENHURST AV - WB	25,502	21,055	-17%	PASS	6,210	4,699	-24%	PASS	7,674	4,925	-36%	FAIL
60122	Burbank Bl / Hayvenhurst Av - NB	10,622	18,395	73%	FAIL	992	2,263	128%	FAIL	4,550	6,020	32%	FAIL
60124	Burbank Bl / Hayvenhurst Av - EB	16,307	11,918	-27%	PASS	4,696	2,509	-47%	FAIL	4,016	3,062	-24%	PASS
60141	Reseda Bl / Ventura Bl - NB	7,339	4,420	-40%	PASS	1,621	1,077	-34%	PASS	1,877	892	-52%	FAIL
60143	RESEDA BL / VENTURA BL - EB	17,262	15,065	-13%	PASS	4,745	3,857	-19%	PASS	4,130	3,290	-20%	PASS
60153	Ventura Bl / White Oak Av - NB	4,179	2,616	-37%	PASS	1,003	444	-56%	FAIL	1,066	487	-54%	PASS
60157	VENTURA BL / WHITE OAK AV - EB	28,071	21,128	-25%	FAIL	7,186	5,363	-25%	FAIL	6,390	4,697	-26%	PASS
60159	VENTURA BL / WHITE OAK AV - SB	15,297	6,808	-55%	FAIL	3,544	1,406	-60%	FAIL	3,295	1,168	-65%	FAIL
60167	Balboa Av, Balboa Bl / Ventura Bl - WB	18,525	21,184	14%	PASS	1,738	2,905	67%	FAIL	6,469	7,249	12%	PASS
60169	Balboa Av, Balboa Bl / Ventura Bl - NB	3,267	1,949	-40%	PASS	887	540	-39%	PASS	855	335	-61%	FAIL
60170	BALBOA AV BALBOA BL / VENTURA BL - EB	27,179	22,402	-18%	PASS	6,504	5,781	-11%	PASS	6,332	5,066	-20%	PASS
60176	Balboa Av, Balboa Bl / Ventura Bl - SB	13,423	9,504	-29%	PASS	2,752	1,740	-37%	FAIL	3,247	1,958	-40%	FAIL
60180	Hayvenhurst Av / Ventura Bl - WB	23,032	20,392	-11%	PASS	1,954	2,912	49%	FAIL	8,400	6,699	-20%	PASS
60182	Hayvenhurst Av / Ventura Bl - NB	5,235	6,973	33%	PASS	685	1,205	76%	FAIL	1,859	2,427	31%	PASS
60185	Hayvenhurst Av / Ventura Bl - EB	22,010	22,142	1%	PASS	4,909	5,105	4%	PASS	5,077	5,371	6%	PASS
60187	Hayvenhurst Av / Ventura Bl - SB	10,932	11,634	6%	PASS	3,520	2,650	-25%	PASS	1,894	2,401	27%	PASS
60204	SEPULVEDA BL / VENTURA BL - WB	21,078	13,579	-36%	FAIL	3,224	2,693	-16%	PASS	5,381	3,513	-35%	FAIL
60209	SEPULVEDA BL / VENTURA BL - NB	19,041	20,302	7%	PASS	2,245	3,180	42%	FAIL	6,501	7,545	16%	PASS
60213	Sepulveda Bl / Ventura Bl - EB	22,453	32,905	47%	FAIL	3,525	6,082	73%	FAIL	6,105	8,163	34%	FAIL
60216	SEPULVEDA BL / VENTURA BL - SB	12,352	10,983	-11%	PASS	2,336	3,282	41%	FAIL	2,459	1,982	-19%	PASS
60228	VAN NUYS BL / VENTURA BL - WB	16,762	11,022	-34%	FAIL	3,058	2,046	-33%	PASS	4,003	2,863	-28%	PASS
60230	Van Nuys Bl / Ventura Bl - NB	6,684	14,107	111%	FAIL	668	2,311	246%	FAIL	1,976	3,797	92%	FAIL
60231	VAN NUYS BL / VENTURA BL - EB	21,749	19,032	-12%	PASS	2,830	3,416	21%	PASS	6,240	5,272	-16%	PASS
60234	VAN NUYS BL / VENTURA BL - SB	18,479	18,064	-2%	PASS	3,047	3,770	24%	PASS	4,443	3,723	-16%	PASS
60249	Ventura Bl / Woodman Av - WB	7,743	10,653	38%	PASS	1,518	1,968	30%	PASS	2,072	3,309	60%	FAIL
60252	Ventura Bl / Woodman Av - EB	14,109	10,143	-28%	PASS	2,200	1,928	-12%	PASS	3,847	2,506	-35%	FAIL
60262	COLDWATER CANYON AV / VENTURA BL - WB	18,961	17,096	-10%	PASS	2,809	2,799	0%	PASS	4,924	4,662	-5%	PASS
60263	Coldwater Canyon Av / Ventura Bl - NB	16,052	11,695	-27%	PASS	1,535	2,162	41%	PASS	5,842	3,500	-40%	FAIL
60266	COLDWATER CANYON AV / VENTURA BL - EB	20,483	19,184	-6%	PASS	2,862	3,689	29%	PASS	5,372	4,683	-13%	PASS
60272	LAUREL CANYON BL / VENTURA BL - WB	14,635	12,115	-17%	PASS	2,210	2,061	-7%	PASS	3,920	3,387	-14%	PASS
60276	LAUREL CANYON BL / VENTURA BL - NB	26,207	26,978	3%	PASS	3,893	4,288	10%	PASS	7,021	6,791	-3%	PASS
60280	LAUREL CANYON BL / VENTURA BL - EB	17,083	10,474	-39%	FAIL	2,757	1,941	-30%	PASS	4,371	2,574	-41%	FAIL
60283	LAUREL CANYON BL / VENTURA BL - SB	24,957	23,160	-7%	PASS	4,520	4,604	2%	PASS	6,220	4,530	-27%	PASS
60291	Tujunga Av / Ventura Bl - SB	6,166	4,585	-26%	PASS	1,824	865	-53%	FAIL	1,329	867	-35%	PASS
60293	VENTURA BL / VINELAND AV - WB	12,578	16,485	31%	PASS	1,709	2,267	33%	PASS	3,693	5,610	52%	FAIL
60297	Ventura Bl / Vineland Av - EB	17,387	16,363	-6%	PASS	3,461	3,064	-11%	PASS	4,433	3,649	-18%	PASS
60300	Ventura Bl / Vineland Av - SB	12,572	8,574	-32%	PASS	2,942	2,171	-26%	PASS	3,054	1,791	-41%	FAIL
60302	Campo De Cahuenga Wy, Riverton Av / Ventura Bl - SB	7,676	10,965	43%	FAIL	1,335	1,471	10%	PASS	2,009	2,717	35%	PASS
60310	CAHUENGA BL WEST LANKERSHIM BL / VENTURA BL - V	10,924	18,408	69%	FAIL	1,019	4,575	349%	FAIL	3,137	4,772	52%	FAIL
60311	Cahuenga Bl West, Lankershim Bl / Ventura Bl - NB	1,908	1,329	-30%	PASS	379	271	-28%	PASS	541	364	-33%	PASS
60313	Cahuenga Bl West, Lankershim Bl / Ventura Bl - EB	13,906	7,305	-47%	FAIL	3,243	947	-71%	FAIL	3,176	3,340	5%	PASS
60315	Cahuenga Bl West, Lankershim Bl / Ventura Bl - SB	10,768	13,063	21%	PASS	2,157	2,919	35%	PASS	2,666	3,355	26%	PASS
60410	HASKELL AV / VICTORY BL - SB	16,187	18,539	15%	PASS	4,896	3,579	-27%	PASS	3,938	4,728	20%	PASS
60430	Van Nuys Bl / Victory Bl - WB	18,354	18,702	2%	PASS	3,571	2,982	-16%	PASS	4,414	5,766	31%	PASS

STATIC HIGHWAY VEHICLE VOLUME VALIDATION

ID	LOCATION	DAILY				AM PERIOD (6-9AM)				PM PERIOD (3-7PM)			
		COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST
60433	Van Nuys Bl / Victory Bl - NB	21,012	12,413	-41%	FAIL	2,750	1,883	-32%	PASS	6,520	3,796	-42%	FAIL
60435	Van Nuys Bl / Victory Bl - EB	19,387	15,602	-20%	PASS	3,153	3,782	20%	PASS	5,168	3,622	-30%	FAIL
60440	VICTORY BL / WOODMAN AV - WB	22,197	26,620	20%	PASS	3,987	4,482	12%	PASS	5,323	7,671	44%	FAIL
60448	COLDWATER CANYON AV / VICTORY BL - WB	24,226	26,113	8%	PASS	4,798	4,160	-13%	PASS	5,895	7,817	33%	FAIL
60451	COLDWATER CANYON AV / VICTORY BL - NB	10,238	11,609	13%	PASS	1,494	1,520	2%	PASS	3,143	3,302	5%	PASS
60452	COLDWATER CANYON AV / VICTORY BL - EB	27,939	20,912	-25%	FAIL	4,383	5,197	19%	PASS	7,209	4,770	-34%	FAIL
60466	LAUREL CANYON BL / VICTORY BL - WB	17,899	14,391	-20%	PASS	2,667	2,273	-15%	PASS	4,511	4,810	7%	PASS
60470	LAUREL CANYON BL / VICTORY BL - NB	11,619	9,783	-16%	PASS	1,555	1,240	-20%	PASS	3,702	2,676	-28%	PASS
60471	LAUREL CANYON BL / VICTORY BL - EB	18,940	17,106	-10%	PASS	3,531	3,441	-3%	PASS	4,895	3,424	-30%	FAIL
60475	LAUREL CANYON BL / VICTORY BL - SB	14,298	17,312	21%	PASS	2,976	3,375	13%	PASS	3,590	3,523	-2%	PASS
60478	Colfax Av, Lankershim Bl / Victory Bl - WB	10,981	12,771	16%	PASS	1,283	1,790	40%	PASS	3,239	4,621	43%	FAIL
60479	COLFAX AV LANKERSHIM BL / VICTORY BL - EB	9,974	10,414	4%	PASS	1,664	2,496	50%	FAIL	2,519	2,194	-13%	PASS
60482	Colfax Av, Lankershim Bl / Victory Bl - EB	14,939	12,849	-14%	PASS	2,739	2,720	-1%	PASS	3,668	2,797	-24%	PASS
60484	Colfax Av, Lankershim Bl / Victory Bl - SB	15,947	15,338	-4%	PASS	2,525	2,531	0%	PASS	4,130	4,235	3%	PASS
60485	VICTORY BL / VINELAND AV - WB	11,442	13,531	18%	PASS	1,704	2,059	21%	PASS	3,369	4,212	25%	PASS
60487	Victory Bl / Vineland Av - NB	6,322	9,319	47%	FAIL	958	1,571	64%	FAIL	1,869	2,152	15%	PASS
60490	VICTORY BL / VINELAND AV - EB	12,596	12,991	3%	PASS	2,699	2,901	7%	PASS	3,187	2,746	-14%	PASS
60493	Victory Bl / Vineland Av - SB	14,553	15,571	7%	PASS	3,567	2,552	-28%	PASS	3,404	3,582	5%	PASS
60495	Oxnard St / Sepulveda Bl - WB	8,254	7,569	-8%	PASS	1,565	2,157	38%	PASS	2,670	1,214	-55%	FAIL
60587	Burbank Bl / Van Nuys Bl - WB	13,958	11,910	-15%	PASS	2,581	2,253	-13%	PASS	3,917	2,847	-27%	PASS
60589	BURBANK BL / VAN NUYS BL - NB	25,825	19,048	-26%	FAIL	3,766	2,995	-20%	PASS	7,311	5,725	-22%	PASS
60593	Burbank Bl / Van Nuys Bl - EB	17,671	12,431	-30%	FAIL	3,250	2,018	-38%	FAIL	4,970	3,747	-25%	PASS
60613	BURBANK BL / COLDWATER CANYON AV - WB	15,639	16,261	4%	PASS	3,747	3,145	-16%	PASS	4,704	4,010	-15%	PASS
60614	BURBANK BL / COLDWATER CANYON AV - NB	11,616	12,826	10%	PASS	1,279	2,113	65%	FAIL	3,754	3,372	-10%	PASS
60616	BURBANK BL / COLDWATER CANYON AV - EB	10,186	12,733	25%	PASS	1,899	1,933	2%	PASS	3,092	3,263	6%	PASS
60620	BURBANK BL / COLDWATER CANYON AV - SB	9,453	12,955	37%	PASS	2,478	2,719	10%	PASS	2,141	2,832	32%	PASS
60622	BURBANK BL / LAUREL CANYON BL - WB	16,202	16,327	1%	PASS	2,971	2,867	-4%	PASS	4,873	3,913	-20%	PASS
60623	BURBANK BL / LAUREL CANYON BL - NB	14,333	19,143	34%	FAIL	2,051	2,802	37%	PASS	4,131	4,385	6%	PASS
60626	BURBANK BL / LAUREL CANYON BL - EB	21,722	18,661	-14%	PASS	4,197	3,207	-24%	PASS	5,869	4,625	-21%	PASS
60627	BURBANK BL / LAUREL CANYON BL - SB	16,063	15,630	-3%	PASS	4,226	3,023	-28%	PASS	3,531	3,242	-8%	PASS
60643	Burbank Bl, Lankershim Bl / Tujunga Av - WB	2,773	3,631	31%	PASS	571	748	31%	PASS	795	1,072	35%	PASS
60645	CHANDLER BL / VINELAND AV - SB	18,604	12,579	-32%	FAIL	4,439	2,235	-50%	FAIL	4,558	2,872	-37%	FAIL
60651	Burbank Bl / Vineland Av - WB	10,083	10,824	7%	PASS	1,483	1,626	10%	PASS	2,871	2,847	-1%	PASS
60652	BURBANK BL / VINELAND AV - NB	13,747	13,808	0%	PASS	1,934	2,353	22%	PASS	4,158	3,431	-17%	PASS
60654	Burbank Bl / Vineland Av - EB	10,465	10,677	2%	PASS	1,798	1,992	11%	PASS	2,819	2,342	-17%	PASS
60656	Burbank Bl / Vineland Av - SB	15,149	11,688	-23%	PASS	4,043	2,338	-42%	FAIL	3,383	2,544	-25%	PASS
60663	CHANDLER BL (SOUTH) / LANKERSHIM BL - NB	10,343	9,812	-5%	PASS	1,000	1,131	13%	PASS	3,152	4,110	30%	PASS
60666	Chandler Bl (South) / Lankershim Bl - SB	11,675	8,292	-29%	PASS	3,373	1,783	-47%	FAIL	2,464	2,076	-16%	PASS
60667	MAGNOLIA BL / SEPULVEDA BL - WB	7,738	7,610	-2%	PASS	1,789	1,354	-24%	PASS	2,378	2,336	-2%	PASS
60670	Magnolia Bl / Sepulveda Bl - NB	19,474	15,070	-23%	PASS	1,954	1,622	-17%	PASS	6,767	6,163	-9%	PASS
60749	RIVERSIDE DR / VAN NUYS BL - WB	7,468	8,093	8%	PASS	1,281	1,583	24%	PASS	2,281	1,870	-18%	PASS
60751	RIVERSIDE DR / VAN NUYS BL - NB	21,833	21,024	-4%	PASS	2,946	3,042	3%	PASS	5,898	5,890	0%	PASS
60754	RIVERSIDE DR / VAN NUYS BL - SB	21,123	16,734	-21%	PASS	4,346	3,365	-23%	PASS	4,490	3,504	-22%	PASS
60775	Riverside Dr / Woodman Av - WB	10,399	14,053	35%	PASS	1,993	2,614	31%	PASS	2,889	3,431	19%	PASS

STATIC HIGHWAY VEHICLE VOLUME VALIDATION

ID	LOCATION	DAILY				AM PERIOD (6-9AM)				PM PERIOD (3-7PM)			
		COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST
60777	Riverside Dr / Woodman Av - NB	20,053	17,518	-13%	PASS	2,207	2,342	6%	PASS	5,956	4,121	-31%	FAIL
60782	Riverside Dr / Woodman Av - EB	16,403	11,084	-32%	FAIL	2,533	2,093	-17%	PASS	5,091	3,095	-39%	FAIL
60786	RIVERSIDE DR / WOODMAN AV - SB	18,097	19,830	10%	PASS	4,491	3,746	-17%	PASS	3,884	4,244	9%	PASS
60802	Coldwater Canyon Av / Riverside Dr - WB	13,863	13,639	-2%	PASS	2,664	2,560	-4%	PASS	4,313	3,504	-19%	PASS
60804	Coldwater Canyon Av / Riverside Dr - NB	18,896	22,250	18%	PASS	1,906	3,486	83%	FAIL	5,787	5,272	-9%	PASS
60806	Coldwater Canyon Av / Riverside Dr - EB	14,685	14,811	1%	PASS	3,299	2,718	-18%	PASS	4,184	4,107	-2%	PASS
60808	Coldwater Canyon Av / Riverside Dr - SB	12,679	12,043	-5%	PASS	3,221	2,355	-27%	PASS	2,541	2,587	2%	PASS
60833	Laurel Canyon Bl / Riverside Dr - WB	17,245	12,513	-27%	PASS	3,072	2,552	-17%	PASS	4,995	3,521	-30%	FAIL
60835	Laurel Canyon Bl / Riverside Dr - NB	23,435	23,641	1%	PASS	2,993	3,507	17%	PASS	6,423	5,826	-9%	PASS
60837	Laurel Canyon Bl / Riverside Dr - EB	15,248	13,715	-10%	PASS	3,039	2,699	-11%	PASS	4,166	3,280	-21%	PASS
60861	CAMARILLO ST, LANKERSHIM BL / VINELAND AV - WB	18,872	11,555	-39%	FAIL	2,419	3,088	28%	PASS	5,648	2,123	-62%	FAIL
60865	CAMARILLO ST, LANKERSHIM BL / VINELAND AV - NB	22,231	11,941	-46%	FAIL	2,221	1,601	-28%	PASS	5,436	3,155	-42%	FAIL
60870	CAMARILLO ST, LANKERSHIM BL / VINELAND AV - EB	21,133	12,654	-40%	FAIL	4,738	1,488	-69%	FAIL	4,622	4,821	4%	PASS
60872	CAMARILLO ST LANKERSHIM BL / VINELAND AV - SB	13,372	13,474	1%	PASS	3,054	2,502	-18%	PASS	2,958	3,048	3%	PASS
60895	RIVERSIDE DR / VINELAND AV - NB	20,958	19,615	-6%	PASS	3,021	3,207	6%	PASS	5,482	6,015	10%	PASS
60897	RIVERSIDE DR / VINELAND AV - EB	14,496	10,017	-31%	PASS	2,891	2,364	-18%	PASS	3,370	1,783	-47%	FAIL
60900	RIVERSIDE DR / VINELAND AV - SB	13,150	12,952	-2%	PASS	2,976	2,470	-17%	PASS	2,697	3,057	13%	PASS
60905	LANKERSHIM BL / RIVERSIDE DR - NB	11,804	9,447	-20%	PASS	1,395	1,170	-16%	PASS	4,039	3,394	-16%	PASS
60907	LANKERSHIM BL / RIVERSIDE DR - EB	8,371	8,742	4%	PASS	1,786	1,874	5%	PASS	2,095	1,862	-11%	PASS
60909	LANKERSHIM BL / RIVERSIDE DR - SB	20,134	15,836	-21%	PASS	4,866	3,965	-19%	PASS	4,536	3,052	-33%	FAIL
61027	BURBANK BL / SEPULVEDA BL - SB	22,195	28,033	26%	PASS	4,643	6,433	39%	FAIL	5,078	5,600	10%	PASS
61029	BURBANK BL / SEPULVEDA BL - WB	10,633	11,280	6%	PASS	1,258	2,291	82%	FAIL	2,903	3,018	4%	PASS
61032	BURBANK BL / SEPULVEDA BL - NB	26,140	24,605	-6%	PASS	3,670	3,335	-9%	PASS	7,790	8,859	14%	PASS
61034	BURBANK BL / SEPULVEDA BL - EB	27,316	43,208	58%	FAIL	4,830	8,189	70%	FAIL	7,159	11,107	55%	FAIL
61037	Sepulveda Bl / Victory Bl - WB	20,364	23,943	18%	PASS	3,814	3,908	2%	PASS	5,162	7,166	39%	FAIL
61039	SEPULVEDA BL / VICTORY BL - NB	26,942	25,055	-7%	PASS	3,551	3,685	4%	PASS	8,165	6,857	-16%	PASS
61045	SEPULVEDA BL / VICTORY BL - SB	22,590	16,206	-28%	FAIL	5,312	3,971	-25%	PASS	4,906	3,254	-34%	FAIL
61051	Sepulveda Bl / Victory Bl (System Loops Only) - EB	25,721	21,455	-17%	PASS	5,600	4,635	-17%	PASS	6,898	5,395	-22%	PASS
61087	HAYVENHURST AV MAGNOLIA BL / VENTURA FWY E/B	7,301	7,145	-2%	PASS	1,874	1,233	-34%	PASS	1,944	1,723	-11%	PASS
61121	COLDWATER CANYON AV / VENTURA BL - SB	14,177	14,967	6%	PASS	1,309	3,093	136%	FAIL	3,885	3,897	0%	PASS
61139	LAUREL CANYON BL / RIVERSIDE DR - SB	18,577	23,882	29%	FAIL	4,216	4,302	2%	PASS	3,828	4,797	25%	PASS
61152	VICTORY BL / WOODMAN AV - EB	21,366	18,212	-15%	PASS	3,496	4,322	24%	PASS	5,690	4,530	-20%	PASS
61153	VICTORY BL / WOODMAN AV - NB	15,892	17,927	13%	PASS	2,404	2,553	6%	PASS	4,904	4,708	-4%	PASS
61154	VICTORY BL / WOODMAN AV - SB	18,153	17,364	-4%	PASS	4,603	4,043	-12%	PASS	4,235	3,530	-17%	PASS
61189	CHANDLER BL COLDWATER CANYON AV / BUSWAY - W	7,432	11,127	50%	FAIL	2,060	2,369	15%	PASS	2,363	3,120	32%	PASS
61192	CHANDLER BL COLDWATER CANYON AV / BUSWAY - N	13,104	14,127	8%	PASS	1,422	2,170	53%	FAIL	4,288	3,791	-12%	PASS
61194	CHANDLER BL COLDWATER CANYON AV / BUSWAY - E	9,490	12,540	32%	PASS	2,521	2,331	-8%	PASS	3,092	3,775	22%	PASS
61197	CHANDLER BL COLDWATER CANYON AV / BUSWAY - S	11,413	15,782	38%	FAIL	3,244	3,022	-7%	PASS	2,384	3,357	41%	PASS
61203	HAZELTINE AV / VENTURA BL - SB	5,297	2,896	-45%	PASS	1,315	468	-64%	FAIL	1,257	749	-40%	PASS
61231	VAN NUYS BL / VICTORY BL - SB	20,298	21,196	4%	PASS	5,001	4,577	-8%	PASS	4,414	4,874	10%	PASS
61233	SEPULVEDA BL / VALLEY VISTA BL - SB	12,728	28,766	126%	FAIL	3,109	6,816	119%	FAIL	2,293	6,339	176%	FAIL
61235	SEPULVEDA BL / VALLEY VISTA BL - WB	8,117	8,307	2%	PASS	1,920	1,607	-16%	PASS	2,565	3,925	53%	FAIL
61304	CHANDLER BL LAUREL CANYON BL / BUSWAY - WB	6,767	10,643	57%	FAIL	1,584	1,852	17%	PASS	2,282	2,983	31%	PASS
61306	CHANDLER BL LAUREL CANYON BL / BUSWAY - NB	17,333	20,008	15%	PASS	2,421	3,099	28%	PASS	5,058	4,707	-7%	PASS

STATIC HIGHWAY VEHICLE VOLUME VALIDATION

ID	LOCATION	DAILY				AM PERIOD (6-9AM)				PM PERIOD (3-7PM)			
		COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST
61311	CHANDLER BL LAUREL CANYON BL / BUSWAY - EB	10,193	10,944	7%	PASS	2,693	2,225	-17%	PASS	3,008	3,058	2%	PASS
61313	CHANDLER BL LAUREL CANYON BL / BUSWAY - SB	17,455	17,673	1%	PASS	4,504	3,067	-32%	FAIL	3,671	3,503	-5%	PASS
61413	BURBANK BL / VAN NUYS BL - SB	21,234	19,050	-10%	PASS	5,213	4,191	-20%	PASS	4,842	4,041	-17%	PASS
61431	VICTORY BL WOODLEY AV / BUSWAY - NB	10,430	11,063	6%	PASS	959	1,697	77%	FAIL	4,665	4,443	-5%	PASS
61432	VICTORY BL WOODLEY AV / BUSWAY - SB	12,098	7,960	-34%	PASS	3,609	1,957	-46%	FAIL	2,690	1,978	-26%	PASS
61501	BURBANK BL LANKERSHIM BL / TUJUNGA AV - WB	9,571	12,069	26%	PASS	1,645	2,125	29%	PASS	2,840	2,687	-5%	PASS
61504	BURBANK BL LANKERSHIM BL / TUJUNGA AV - NB	5,981	7,845	31%	PASS	755	784	4%	PASS	1,887	3,293	75%	FAIL
61509	BURBANK BL LANKERSHIM BL / TUJUNGA AV - EB	10,461	7,613	-27%	PASS	1,926	1,441	-25%	PASS	2,814	1,630	-42%	FAIL
61510	BURBANK BL LANKERSHIM BL / TUJUNGA AV - SB	11,899	8,087	-32%	PASS	2,979	2,070	-31%	PASS	2,647	1,603	-39%	FAIL
61533	BALBOA BL / BURBANK BL - WB	21,282	13,481	-37%	FAIL	3,309	2,369	-28%	PASS	8,372	4,419	-47%	FAIL
61536	BALBOA BL / BURBANK BL - NB	15,840	22,629	43%	FAIL	2,015	3,483	73%	FAIL	4,773	5,493	15%	PASS
61540	BALBOA BL / BURBANK BL - EB	17,711	19,062	8%	PASS	4,243	3,533	-17%	PASS	4,466	5,342	20%	PASS
61545	BALBOA BL / BURBANK BL - SB	18,316	21,924	20%	PASS	4,462	5,129	15%	PASS	3,954	4,278	8%	PASS
61547	RIVERSIDE DR / VINELAND AV - WB	22,025	11,758	-47%	FAIL	2,928	1,907	-35%	FAIL	7,389	3,972	-46%	FAIL
61581	RESEDA BL / VENTURA BL - WB	20,328	18,697	-8%	PASS	2,480	2,867	16%	PASS	6,312	5,735	-9%	PASS
61583	RESEDA BL / VENTURA BL - SB	15,906	9,153	-42%	FAIL	3,211	1,585	-51%	FAIL	3,690	2,304	-38%	FAIL
61584	VENTURA BL / WHITE OAK AV - WB	23,667	21,699	-8%	PASS	2,096	2,946	41%	PASS	8,000	7,259	-9%	PASS
61585	LANKERSHIM BL / RIVERSIDE DR - WB	6,509	7,874	21%	PASS	859	1,184	38%	PASS	2,192	3,338	52%	FAIL
61589	VENTURA BL / WOODMAN AV - SB	12,794	8,259	-35%	FAIL	2,266	1,824	-20%	PASS	3,687	1,707	-54%	FAIL
61610	LINDLEY AV / VICTORY BL - NB	10,314	14,202	38%	FAIL	1,989	2,402	21%	PASS	3,607	3,612	0%	PASS
61615	LINDLEY AV / VICTORY BL - SB	11,851	14,547	23%	PASS	3,602	2,778	-23%	PASS	2,799	3,312	18%	PASS
61647	HAYVENHURST AV / VICTORY BL - WB	22,110	28,838	30%	FAIL	5,167	4,831	-7%	PASS	5,965	9,465	59%	FAIL
61653	HAYVENHURST AV / VICTORY BL - SB	5,262	5,043	-4%	PASS	1,492	1,229	-18%	PASS	1,336	847	-37%	PASS
61875	BURBANK BL / WOODMAN AV - WB	13,832	13,514	-2%	PASS	2,822	2,638	-7%	PASS	4,257	3,529	-17%	PASS
61877	BURBANK BL / WOODMAN AV - NB	14,621	16,211	11%	PASS	1,909	2,094	10%	PASS	4,867	4,298	-12%	PASS
61880	BURBANK BL / WOODMAN AV - EB	15,709	17,023	8%	PASS	3,006	2,971	-1%	PASS	4,785	4,396	-8%	PASS
61881	BURBANK BL / WOODMAN AV - SB	14,301	18,899	32%	FAIL	4,059	3,752	-8%	PASS	3,038	4,063	34%	PASS
62117	HASKELL AV / VENTURA BL - SB	5,905	5,910	0%	PASS	1,429	1,155	-19%	PASS	1,095	1,165	6%	PASS
62212	CHANDLER BL / WOODMAN AV - WB	6,474	8,525	32%	PASS	1,667	1,747	5%	PASS	2,073	2,268	9%	PASS
62214	CHANDLER BL / WOODMAN AV - NB	15,108	21,184	40%	FAIL	1,849	2,841	54%	FAIL	5,053	5,499	9%	PASS
62216	CHANDLER BL / WOODMAN AV - EB	6,945	8,576	23%	PASS	1,787	1,705	-5%	PASS	2,173	2,635	21%	PASS
62218	CHANDLER BL / WOODMAN AV - SB	14,781	15,938	8%	PASS	4,131	3,171	-23%	PASS	3,065	3,329	9%	PASS
62233	CHANDLER BL / VINELAND AV - NB	6,300	11,112	76%	FAIL	736	1,726	135%	FAIL	2,009	2,549	27%	PASS
70008	Beverly Bl / La Cienega Bl - NB	22,853	23,772	4%	PASS	2,976	4,509	51%	FAIL	5,570	6,780	22%	PASS
70012	Fairfax Av / Melrose Av - NB	17,400	12,350	-29%	PASS	2,472	1,703	-31%	PASS	4,741	3,357	-29%	PASS
70014	Fairfax Av / Melrose Av - EB	17,574	18,743	7%	PASS	2,101	2,619	25%	PASS	4,999	5,906	18%	PASS
70016	Fairfax Av / Melrose Av - SB	17,775	17,098	-4%	PASS	3,581	3,925	10%	PASS	3,920	3,533	-10%	PASS
70023	La Brea Av / Melrose Av - WB	23,215	23,499	1%	PASS	5,016	4,897	-2%	PASS	5,602	5,247	-6%	PASS
70025	La Brea Av / Melrose Av - NB	19,274	13,204	-31%	FAIL	2,597	2,202	-15%	PASS	4,836	3,898	-19%	PASS
70027	La Brea Av / Melrose Av - EB	18,178	20,735	14%	PASS	2,691	3,088	15%	PASS	4,406	5,946	35%	FAIL
70029	La Brea Av / Melrose Av - SB	19,768	16,848	-15%	PASS	3,154	3,824	21%	PASS	4,677	4,180	-11%	PASS
70033	Highland Av / Melrose Av - NB	19,525	19,290	-1%	PASS	3,206	3,591	12%	PASS	4,647	5,102	10%	PASS
70035	HIGHLAND AV / MELROSE AV - EB	21,637	23,365	8%	PASS	3,333	3,826	15%	PASS	5,542	6,212	12%	PASS
70037	HIGHLAND AV / MELROSE AV - SB	19,759	14,829	-25%	PASS	3,227	2,716	-16%	PASS	4,566	4,267	-7%	PASS

STATIC HIGHWAY VEHICLE VOLUME VALIDATION

ID	LOCATION	DAILY				AM PERIOD (6-9AM)				PM PERIOD (3-7PM)			
		COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST
70055	BEVERLY BL / LA CIENEGA BL - WB	24,300	14,754	-39%	FAIL	4,694	3,358	-28%	PASS	5,934	2,899	-51%	FAIL
70056	BEVERLY BL / LA CIENEGA BL - EB	25,581	17,771	-31%	FAIL	2,661	2,357	-11%	PASS	8,006	4,389	-45%	FAIL
70061	Beverly Bl / La Cienega Bl - SB	24,933	27,051	8%	PASS	4,398	5,186	18%	PASS	5,327	6,642	25%	PASS
70068	Beverly Bl / Fairfax Av - WB	24,550	16,144	-34%	FAIL	5,045	3,851	-24%	PASS	5,624	3,149	-44%	FAIL
70074	Beverly Bl / Fairfax Av - EB	17,862	19,652	10%	PASS	2,224	2,738	23%	PASS	4,740	5,420	14%	PASS
70075	BEVERLY BL / FAIRFAX AV - SB	20,011	13,693	-32%	FAIL	3,755	2,890	-23%	PASS	4,529	2,710	-40%	FAIL
70078	BEVERLY BL / LA BREA AV - WB	22,571	21,059	-7%	PASS	4,637	4,649	0%	PASS	5,307	4,632	-13%	PASS
70080	BEVERLY BL / LA BREA AV - NB	20,813	13,992	-33%	FAIL	3,176	3,063	-4%	PASS	4,985	4,345	-13%	PASS
70086	BEVERLY BL / HIGHLAND AV - WB	20,924	16,815	-20%	PASS	4,688	3,920	-16%	PASS	4,885	3,088	-37%	FAIL
70088	BEVERLY BL / HIGHLAND AV - NB	20,552	16,971	-17%	PASS	3,554	2,599	-27%	PASS	5,256	4,180	-20%	PASS
70090	BEVERLY BL / HIGHLAND AV - EB	22,532	23,085	2%	PASS	3,096	3,534	14%	PASS	6,525	6,326	-3%	PASS
70092	BEVERLY BL / HIGHLAND AV - SB	21,654	18,987	-12%	PASS	3,763	3,950	5%	PASS	5,359	5,020	-6%	PASS
70098	3RD ST / LA CIENEGA BL - SB	23,042	22,414	-3%	PASS	3,885	4,401	13%	PASS	5,254	5,907	12%	PASS
70105	3rd St / Robertson Bl - NB	11,303	13,465	19%	PASS	1,993	2,273	14%	PASS	2,741	3,169	16%	PASS
70107	3rd St / Robertson Bl - SB	7,937	7,068	-11%	PASS	1,234	1,139	-8%	PASS	1,958	1,713	-13%	PASS
70108	3RD ST / LA CIENEGA BL - EB	17,359	12,536	-28%	PASS	1,995	1,814	-9%	PASS	5,238	4,303	-18%	PASS
70112	3RD ST / SAN VICENTE BL - NB	8,394	7,527	-10%	PASS	1,766	1,950	10%	PASS	2,002	1,761	-12%	PASS
70115	3RD ST / SAN VICENTE BL - SB	12,847	9,858	-23%	PASS	1,472	1,346	-9%	PASS	3,715	2,962	-20%	PASS
70117	3rd St / La Cienega Bl - WB	18,928	14,477	-24%	PASS	4,331	3,150	-27%	PASS	4,048	3,294	-19%	PASS
70122	3RD ST / LA CIENEGA BL - NB	24,199	20,447	-16%	PASS	3,885	4,023	4%	PASS	5,572	5,561	0%	PASS
70134	3rd St / Fairfax Av - NB	11,420	10,426	-9%	PASS	1,694	1,716	1%	PASS	2,722	2,543	-7%	PASS
70136	3RD ST / FAIRFAX AV - EB	24,749	12,842	-48%	FAIL	3,349	1,726	-48%	FAIL	6,529	4,123	-37%	FAIL
70141	3RD ST / LA BREA AV - WB	19,576	15,665	-20%	PASS	4,187	4,234	1%	PASS	4,816	4,247	-12%	PASS
70142	3RD ST / LA BREA AV - NB	24,178	14,372	-41%	FAIL	3,739	3,105	-17%	PASS	6,030	4,823	-20%	PASS
70144	3RD ST / LA BREA AV - EB	16,558	16,518	0%	PASS	2,283	2,561	12%	PASS	4,532	4,678	3%	PASS
70146	3RD ST / LA BREA AV - SB	18,603	18,089	-3%	PASS	2,963	3,717	25%	PASS	4,198	5,656	35%	FAIL
70149	3RD ST / HIGHLAND AV - WB	16,629	15,063	-9%	PASS	3,622	3,938	9%	PASS	4,263	3,991	-6%	PASS
70150	3RD ST / HIGHLAND AV - NB	19,241	21,987	14%	PASS	3,344	3,732	12%	PASS	4,915	5,467	11%	PASS
70155	3RD ST / HIGHLAND AV - SB	21,235	17,177	-19%	PASS	3,805	3,331	-12%	PASS	5,264	3,815	-28%	PASS
70164	BURTON WY LA CIENEGA BL / SAN VICENTE BL - EB	15,462	9,614	-38%	FAIL	1,744	1,515	-13%	PASS	5,520	3,140	-43%	FAIL
70172	Burton Wy, La Cienega Bl / San Vicente Bl - NB	27,480	19,760	-28%	FAIL	4,253	3,908	-8%	PASS	6,612	5,408	-18%	PASS
70175	BURTON WY LA CIENEGA BL / SAN VICENTE BL - SB	21,307	20,029	-6%	PASS	3,734	3,647	-2%	PASS	4,771	5,373	13%	PASS
70199	SAN VICENTE BL / WILSHIRE BL - NB	20,737	14,944	-28%	FAIL	5,048	4,177	-17%	PASS	5,024	3,283	-35%	FAIL
70202	San Vicente Bl / Wilshire Bl - EB	18,312	16,698	-9%	PASS	2,537	2,340	-8%	PASS	5,724	5,624	-2%	PASS
70203	SAN VICENTE BL / WILSHIRE BL - SB	16,063	8,724	-46%	FAIL	1,979	1,205	-39%	PASS	5,457	3,504	-36%	FAIL
70208	San Vicente Bl / Wilshire Bl - WB	14,903	13,188	-12%	PASS	2,798	3,301	18%	PASS	4,021	2,958	-26%	PASS
70210	FAIRFAX AV / WILSHIRE BL - WB	22,181	15,977	-28%	FAIL	4,659	3,358	-28%	PASS	5,184	3,869	-25%	PASS
70215	Fairfax Av / Wilshire Bl - EB	16,545	14,034	-15%	PASS	2,988	2,514	-16%	PASS	3,322	3,710	12%	PASS
70217	FAIRFAX AV / WILSHIRE BL - EB	22,360	12,601	-44%	FAIL	2,610	1,773	-32%	PASS	7,386	4,019	-46%	FAIL
70229	LA BREA AV / WILSHIRE BL - WB	14,420	13,785	-4%	PASS	3,086	3,104	1%	PASS	3,454	3,150	-9%	PASS
70233	La Brea Av / Wilshire Bl - NB	20,574	13,721	-33%	FAIL	3,326	3,338	0%	PASS	4,988	3,946	-21%	PASS
70235	LA BREA AV / WILSHIRE BL - EB	13,321	13,573	2%	PASS	1,850	1,748	-6%	PASS	3,886	4,503	16%	PASS
70240	HIGHLAND AV / WILSHIRE BL - WB	18,963	17,446	-8%	PASS	4,581	3,684	-20%	PASS	4,578	3,419	-25%	PASS
70246	HIGHLAND AV / WILSHIRE BL - EB	19,427	13,928	-28%	PASS	2,872	2,031	-29%	PASS	6,189	4,175	-33%	FAIL

STATIC HIGHWAY VEHICLE VOLUME VALIDATION

ID	LOCATION	DAILY				AM PERIOD (6-9AM)				PM PERIOD (3-7PM)			
		COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST
70247	HIGHLAND AV / WILSHIRE BL - SB	19,815	8,792	-56%	FAIL	3,434	1,478	-57%	FAIL	5,241	2,100	-60%	FAIL
70249	LA CIENEGA BL / MELROSE AV - WB	14,700	1,116	-92%	FAIL	2,687	251	-91%	FAIL	3,235	342	-89%	FAIL
70252	La Cienega Bl / Melrose Av - NB	20,044	12,834	-36%	FAIL	2,256	2,151	-5%	PASS	5,435	3,135	-42%	FAIL
70256	La Cienega Bl / Melrose Av - SB	17,412	13,739	-21%	PASS	3,161	2,775	-12%	PASS	3,584	3,049	-15%	PASS
70257	Melrose Av, Rossmore Av / Vine St - WB	11,910	13,971	17%	PASS	1,986	3,195	61%	FAIL	2,526	3,701	47%	FAIL
70258	Melrose Av, Rossmore Av / Vine St - NB	13,159	13,167	0%	PASS	2,488	2,230	-10%	PASS	2,706	3,469	28%	PASS
70259	MELROSE AV ROSSMORE AV / VINE ST - EB	18,130	18,222	1%	PASS	2,800	3,628	30%	PASS	5,269	5,793	10%	PASS
70261	Melrose Av, Rossmore Av / Vine St - SB	21,473	18,915	-12%	PASS	4,077	3,812	-7%	PASS	5,335	4,419	-17%	PASS
70265	La Brea Av / Wilshire Bl - SB	20,468	12,535	-39%	FAIL	3,330	2,920	-12%	PASS	5,064	4,058	-20%	PASS
70273	Melrose Av / Western Av - WB	16,897	18,158	7%	PASS	3,469	4,066	17%	PASS	4,141	4,983	20%	PASS
70275	Melrose Av / Western Av - NB	20,284	17,154	-15%	PASS	3,285	3,252	-1%	PASS	4,723	4,136	-12%	PASS
70277	Melrose Av / Western Av - EB	17,733	17,218	-3%	PASS	2,653	2,941	11%	PASS	5,221	5,618	8%	PASS
70279	Melrose Av / Western Av - SB	20,239	19,196	-5%	PASS	3,415	3,690	8%	PASS	4,815	4,552	-5%	PASS
70293	Beverly Bl / Rossmore Av - WB	22,736	16,790	-26%	PASS	5,029	3,983	-21%	PASS	5,237	3,272	-38%	FAIL
70295	Beverly Bl / Rossmore Av - NB	11,485	12,592	10%	PASS	1,947	2,176	12%	PASS	2,871	3,239	13%	PASS
70297	Beverly Bl / Rossmore Av - EB	15,915	18,996	19%	PASS	2,240	2,470	10%	PASS	4,828	5,193	8%	PASS
70299	Beverly Bl / Rossmore Av - SB	16,663	13,810	-17%	PASS	3,365	2,680	-20%	PASS	4,203	3,222	-23%	PASS
70313	Beverly Bl / Western Av - NB	17,919	17,532	-2%	PASS	2,953	3,059	4%	PASS	3,948	4,634	17%	PASS
70315	Beverly Bl / Western Av - EB	21,303	22,842	7%	PASS	3,053	4,052	33%	PASS	6,164	6,876	12%	PASS
70317	Beverly Bl / Western Av - SB	18,532	20,306	10%	PASS	3,162	3,550	12%	PASS	4,224	5,779	37%	FAIL
70325	3RD ST / ROSSMORE AV - WB	16,564	18,372	11%	PASS	3,728	4,169	12%	PASS	4,547	4,400	-3%	PASS
70326	3rd St / Rossmore Av - NB	10,067	11,709	16%	PASS	1,698	1,714	1%	PASS	2,566	2,332	-9%	PASS
70328	3rd St / Rossmore Av - EB	17,356	18,310	5%	PASS	2,654	3,482	31%	PASS	5,185	6,212	20%	PASS
70329	3rd St / Rossmore Av - SB	12,730	12,502	-2%	PASS	2,230	2,408	8%	PASS	3,080	2,929	-5%	PASS
70339	3rd St / Western Av - NB	17,104	13,814	-19%	PASS	2,810	2,784	-1%	PASS	3,886	4,050	4%	PASS
70341	3rd St / Western Av - EB	18,052	19,601	9%	PASS	2,787	3,531	27%	PASS	4,985	5,933	19%	PASS
70343	3rd St / Western Av - SB	18,681	20,419	9%	PASS	3,122	3,744	20%	PASS	4,315	4,555	6%	PASS
70366	3RD ST / WESTERN AV - WB	17,836	18,214	2%	PASS	3,368	3,860	15%	PASS	4,687	4,225	-10%	PASS
70374	6th St / Western Av - WB	13,404	10,419	-22%	PASS	2,832	2,836	0%	PASS	3,439	3,021	-12%	PASS
70377	6TH ST / WESTERN AV - EB	14,129	14,140	0%	PASS	2,370	2,352	-1%	PASS	4,194	4,585	9%	PASS
70389	Fremont Pl, Rossmore Av / Wilshire Bl - WB	19,986	13,886	-31%	FAIL	4,949	3,397	-31%	FAIL	4,495	3,256	-28%	PASS
70393	Fremont Pl, Rossmore Av / Wilshire Bl - SB	11,805	11,957	1%	PASS	1,776	1,763	-1%	PASS	3,773	3,811	1%	PASS
70394	FREMONT PL ROSSMORE AV / WILSHIRE BL - SB	8,679	3,672	-58%	FAIL	1,506	698	-54%	FAIL	2,132	1,013	-52%	FAIL
70404	Crenshaw Bl / Wilshire Bl - WB	20,647	20,462	-1%	PASS	4,253	4,973	17%	PASS	4,583	5,183	13%	PASS
70405	Crenshaw Bl / Wilshire Bl - NB	15,317	17,283	13%	PASS	3,434	3,674	7%	PASS	3,706	5,211	41%	FAIL
70409	Crenshaw Bl / Wilshire Bl - EB	5,578	12,686	127%	FAIL	776	1,801	132%	FAIL	1,920	4,047	111%	FAIL
70417	Western Av / Wilshire Bl - WB	19,395	18,154	-6%	PASS	3,338	3,416	2%	PASS	4,529	4,382	-3%	PASS
70418	Western Av / Wilshire Bl - NB	18,477	16,330	-12%	PASS	2,997	3,483	16%	PASS	4,130	4,163	1%	PASS
70422	WESTERN AV / WILSHIRE BL - EB	19,724	19,950	1%	PASS	3,419	3,624	6%	PASS	5,257	5,824	11%	PASS
70424	Western Av / Wilshire Bl - SB	18,730	17,153	-8%	PASS	2,750	3,400	24%	PASS	4,280	4,446	4%	PASS
70457	8th St / Western Av - WB	10,620	7,556	-29%	PASS	2,275	1,678	-26%	PASS	2,778	1,514	-46%	FAIL
70461	8th St / Western Av - EB	8,452	8,000	-5%	PASS	1,584	1,368	-14%	PASS	2,866	2,409	-16%	PASS
70498	3rd St / Fairfax Av - WB	18,202	16,980	-7%	PASS	2,368	3,586	51%	FAIL	5,048	3,870	-23%	PASS
70499	3RD ST / FAIRFAX AV - SB	9,736	11,803	21%	PASS	1,563	2,333	49%	FAIL	2,386	2,523	6%	PASS

STATIC HIGHWAY VEHICLE VOLUME VALIDATION

ID	LOCATION	DAILY				AM PERIOD (6-9AM)				PM PERIOD (3-7PM)			
		COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST
70550	Fairfax Av / Wilshire Bl - SB	16,727	15,616	-7%	PASS	2,670	3,413	28%	PASS	4,234	3,375	-20%	PASS
70554	HIGHLAND AV / MELROSE AV - WB	20,895	20,338	-3%	PASS	4,467	5,114	14%	PASS	5,137	5,123	0%	PASS
70578	BEVERLY BL / FAIRFAX AV - NB	21,615	12,834	-41%	FAIL	2,832	1,687	-40%	FAIL	5,712	3,415	-40%	FAIL
70579	3RD ST / HIGHLAND AV - EB	18,367	16,229	-12%	PASS	2,861	3,023	6%	PASS	5,435	5,655	4%	PASS
70615	FAIRFAX AV / MELROSE AV - WB	22,428	19,416	-13%	PASS	4,784	4,382	-8%	PASS	5,117	4,108	-20%	PASS
70728	3RD ST / DOHENY DR - NB	10,665	16,561	55%	FAIL	1,602	2,082	30%	PASS	2,901	6,680	130%	FAIL
70731	3RD ST / DOHENY DR - SB	10,016	6,719	-33%	PASS	1,810	1,695	-6%	PASS	2,601	1,548	-40%	PASS
70847	BEVERLY BL / LA BREA AV - EB	22,206	24,128	9%	PASS	2,880	3,271	14%	PASS	5,842	6,694	15%	PASS
70848	BEVERLY BL / LA BREA AV - SB	22,777	14,169	-38%	FAIL	3,613	3,076	-15%	PASS	5,670	3,795	-33%	FAIL
71005	BEVERLY BL / WESTERN AV - WB	20,866	19,765	-5%	PASS	4,273	5,202	22%	PASS	4,944	3,767	-24%	PASS
80003	Los Feliz Bl / Riverside Dr - NB	4,671	1,626	-65%	FAIL	624	663	6%	PASS	1,623	811	-50%	FAIL
80008	LOS FELIZ BL / RIVERSIDE DR - NB	38,662	30,235	-22%	PASS	5,747	5,326	-7%	PASS	12,059	9,083	-25%	FAIL
80014	Los Feliz Bl / Riverside Dr - WB	37,981	38,813	2%	PASS	7,827	9,099	16%	PASS	8,557	9,350	9%	PASS
80022	Los Feliz Bl / Vermont Av - WB	33,669	31,397	-7%	PASS	7,777	7,497	-4%	PASS	7,839	7,490	-4%	PASS
80026	LOS FELIZ BL / VERMONT AV - NB	11,336	9,480	-16%	PASS	1,634	1,524	-7%	PASS	3,219	3,307	3%	PASS
80029	LOS FELIZ BL / VERMONT AV - EB	19,750	23,713	20%	PASS	2,613	4,098	57%	FAIL	6,388	7,062	11%	PASS
80062	GLENDALE BL / RIVERSIDE DR - WB	6,910	15,457	124%	FAIL	1,184	3,255	175%	FAIL	2,568	5,412	111%	FAIL
80069	GLENDALE BL / RIVERSIDE DR - EB	9,755	14,087	44%	FAIL	1,757	2,658	51%	FAIL	3,141	3,837	22%	PASS
80071	GLENDALE BL / RIVERSIDE DR - SB	11,586	12,287	6%	PASS	2,749	2,394	-13%	PASS	3,551	3,638	2%	PASS
80092	ROWENA AV / WEST SILVER LAKE DR - EB	9,047	10,899	20%	PASS	2,067	1,785	-14%	PASS	2,762	2,832	3%	PASS
80109	FLETCHER DR / RIVERSIDE DR - NB	9,102	19,873	118%	FAIL	1,576	4,166	164%	FAIL	3,027	4,561	51%	FAIL
80112	FLETCHER DR / RIVERSIDE DR - EB	21,502	21,048	-2%	PASS	3,482	4,690	35%	FAIL	6,429	5,995	-7%	PASS
80137	HOLLYWOOD BL PROSPECT AV / VERMONT AV - WB	12,121	4,762	-61%	FAIL	1,939	1,178	-39%	PASS	3,194	1,108	-65%	FAIL
80142	Hollywood Bl, Prospect Av / Vermont Av - NB	16,131	12,521	-22%	PASS	2,162	1,833	-15%	PASS	5,076	4,804	-5%	PASS
80143	HOLLYWOOD BL PROSPECT AV / VERMONT AV - EB	7,370	6,083	-17%	PASS	1,080	1,352	25%	PASS	2,325	1,642	-29%	PASS
80146	HOLLYWOOD BL PROSPECT AV / VERMONT AV - SB	13,659	11,096	-19%	PASS	2,640	2,885	9%	PASS	3,104	2,816	-9%	PASS
80161	SUNSET BL / VERMONT AV - WB	9,025	10,798	20%	PASS	1,557	2,008	29%	PASS	2,331	2,751	18%	PASS
80164	SUNSET BL / VERMONT AV - NB	18,659	11,300	-39%	FAIL	3,154	2,002	-37%	FAIL	4,736	3,597	-24%	PASS
80168	SUNSET BL / VERMONT AV - EB	19,597	11,397	-42%	FAIL	2,728	2,071	-24%	PASS	5,937	4,059	-32%	FAIL
80171	SUNSET BL / VERMONT AV - SB	13,210	13,972	6%	PASS	2,085	3,213	54%	FAIL	3,509	3,896	11%	PASS
80173	HILLHURST AV, HOLLYWOOD BL, SUNSET BL / VIRGIL A	14,869	11,672	-22%	PASS	2,704	2,237	-17%	PASS	3,584	3,248	-9%	PASS
80175	HILLHURST AV, HOLLYWOOD BL, SUNSET BL / VIRGIL A	8,193	5,873	-28%	PASS	1,277	1,035	-19%	PASS	2,510	1,855	-26%	PASS
80179	HILLHURST AV HOLLYWOOD BL SUNSET BL / VIRGIL AV	10,476	7,795	-26%	PASS	1,250	1,145	-8%	PASS	3,176	2,202	-31%	PASS
80180	HILLHURST AV HOLLYWOOD BL SUNSET BL / VIRGIL AV	13,811	7,449	-46%	FAIL	2,320	1,275	-45%	FAIL	3,565	2,328	-35%	FAIL
80186	RIVERSIDE DR / STADIUM WY - WB	10,502	11,434	9%	PASS	2,021	2,413	19%	PASS	3,586	2,549	-29%	PASS
80187	RIVERSIDE DR / STADIUM WY - NB	10,360	7,635	-26%	PASS	686	1,070	56%	PASS	5,304	5,079	-4%	PASS
80189	RIVERSIDE DR / STADIUM WY - EB	15,589	23,111	48%	FAIL	3,817	5,437	42%	FAIL	4,595	6,418	40%	FAIL
80228	Sanborn Av, Santa Monica Bl / Sunset Bl - WB	16,034	11,320	-29%	PASS	2,605	2,537	-3%	PASS	3,980	3,081	-23%	PASS
80230	Sanborn Av, Santa Monica Bl / Sunset Bl - NB	7,262	2,118	-71%	FAIL	984	308	-69%	FAIL	2,234	668	-70%	FAIL
80232	Sanborn Av, Santa Monica Bl / Sunset Bl - EB	15,486	9,286	-40%	FAIL	2,411	1,926	-20%	PASS	4,216	2,544	-40%	FAIL
80248	Santa Monica Bl / Vermont Av - WB	8,328	11,023	32%	PASS	1,730	2,546	47%	FAIL	2,167	2,428	12%	PASS
80250	Santa Monica Bl / Vermont Av - NB	21,532	17,535	-19%	PASS	3,607	3,143	-13%	PASS	5,639	5,986	6%	PASS
80253	SANTA MONICA BL / VERMONT AV - EB	12,706	11,002	-13%	PASS	1,781	1,548	-13%	PASS	3,817	3,262	-15%	PASS
80254	SANTA MONICA BL / VERMONT AV - SB	18,187	17,925	-1%	PASS	2,890	4,305	49%	FAIL	5,008	5,389	8%	PASS

STATIC HIGHWAY VEHICLE VOLUME VALIDATION

ID	LOCATION	DAILY				AM PERIOD (6-9AM)				PM PERIOD (3-7PM)			
		COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST
80290	FLETCHER DR / RIVERSIDE DR - SB	19,647	15,457	-21%	PASS	5,030	3,255	-35%	FAIL	4,786	5,412	13%	PASS
80310	Elysian Park Av / Stadium Wy - NB	4,316	4,724	9%	PASS	705	1,149	63%	FAIL	1,571	1,316	-16%	PASS
80313	ELYSIAN PARK AV / STADIUM WY - EB	5,461	9,497	74%	FAIL	393	1,628	314%	FAIL	3,386	4,747	40%	FAIL
80316	Elysian Park Av / Stadium Wy - SB	10,762	8,726	-19%	PASS	4,386	2,690	-39%	FAIL	2,462	2,262	-8%	PASS
80339	VERMONT AV / WILSHIRE BL - EB	20,747	15,511	-25%	PASS	3,225	2,687	-17%	PASS	5,151	4,231	-18%	PASS
80365	BEAUDRY AV / TEMPLE ST - NB	10,040	6,131	-39%	FAIL	1,045	1,165	11%	PASS	4,388	2,402	-45%	FAIL
80411	ALVARADO ST / TEMPLE ST - WB	13,070	13,726	5%	PASS	2,549	2,438	-4%	PASS	3,323	4,034	21%	PASS
80412	ALVARADO ST / TEMPLE ST - EB	20,704	15,633	-24%	PASS	3,950	3,185	-19%	PASS	6,287	3,935	-37%	FAIL
80575	ALVARADO ST / WILSHIRE BL - WB	13,996	11,718	-16%	PASS	2,603	2,173	-17%	PASS	3,743	3,748	0%	PASS
80578	ALVARADO ST / WILSHIRE BL - NB	17,368	15,913	-8%	PASS	2,871	2,974	4%	PASS	5,029	5,186	3%	PASS
80579	Alvarado St / Wilshire Bl - EB	14,245	11,998	-16%	PASS	2,605	2,268	-13%	PASS	3,882	3,361	-13%	PASS
80596	Vermont Av / Wilshire Bl - WB	18,331	14,969	-18%	PASS	3,395	2,927	-14%	PASS	4,505	3,472	-23%	PASS
80598	Vermont Av / Wilshire Bl - NB	22,033	18,261	-17%	PASS	3,736	3,867	4%	PASS	4,777	6,011	26%	PASS
80603	VERMONT AV / WILSHIRE BL - SB	21,114	15,899	-25%	PASS	3,534	3,672	4%	PASS	4,506	4,865	8%	PASS
80655	3RD ST / ALVARADO ST - WB	14,566	14,846	2%	PASS	2,326	2,174	-7%	PASS	3,972	4,994	26%	PASS
80657	3RD ST / ALVARADO ST - NB	18,759	17,030	-9%	PASS	2,944	3,100	5%	PASS	5,115	5,727	12%	PASS
80660	3rd St / Alvarado St - EB	14,670	13,563	-8%	PASS	2,781	3,996	44%	FAIL	4,059	2,663	-34%	FAIL
80661	3RD ST / ALVARADO ST - SB	18,297	14,555	-20%	PASS	3,579	3,901	9%	PASS	4,451	3,771	-15%	PASS
80665	3rd St / Rampart Bl - NB	12,878	13,612	6%	PASS	1,949	2,168	11%	PASS	4,119	3,949	-4%	PASS
80670	3rd St / Rampart Bl - SB	10,360	14,058	36%	FAIL	2,421	2,977	23%	PASS	2,840	3,316	17%	PASS
80677	2nd St / Beaudry Av - NB	13,896	9,573	-31%	PASS	1,526	1,366	-10%	PASS	4,649	3,157	-32%	FAIL
80679	2ND ST / BEAUDRY AV - EB	8,935	14,914	67%	FAIL	2,445	2,298	-6%	PASS	2,228	5,656	154%	FAIL
80682	2nd St / Beaudry Av - SB	9,195	7,773	-15%	PASS	2,635	1,482	-44%	FAIL	2,091	1,927	-8%	PASS
80685	1st St / Beaudry Av - EB	5,153	4,564	-11%	PASS	639	600	-6%	PASS	1,800	1,543	-14%	PASS
80715	BEAUDRY AV / TEMPLE ST - WB	10,581	11,819	12%	PASS	1,863	2,891	55%	FAIL	3,329	2,531	-24%	PASS
80718	BEAUDRY AV / TEMPLE ST - EB	9,959	15,234	53%	FAIL	2,163	3,362	55%	FAIL	2,811	3,415	21%	PASS
80720	BEAUDRY AV / TEMPLE ST - SB	10,680	7,001	-34%	PASS	3,574	1,815	-49%	FAIL	2,175	1,604	-26%	PASS
80721	GLENDALE BL / TEMPLE ST - WB	10,261	9,294	-9%	PASS	2,067	1,753	-15%	PASS	2,852	2,858	0%	PASS
80724	Glendale Bl / Temple St - NB	12,393	10,838	-13%	PASS	1,448	1,577	9%	PASS	4,481	4,723	5%	PASS
80728	GLENDALE BL / TEMPLE ST - EB	18,165	18,286	1%	PASS	2,942	3,981	35%	FAIL	6,266	4,796	-23%	PASS
80730	Glendale Bl / Temple St - SB	17,879	17,227	-4%	PASS	4,582	5,164	13%	PASS	4,107	4,335	6%	PASS
80739	Alvarado St / Temple St - NB	19,109	13,405	-30%	FAIL	2,843	2,557	-10%	PASS	4,270	4,708	10%	PASS
80744	ALVARADO ST / TEMPLE ST - SB	15,622	14,665	-6%	PASS	2,880	3,996	39%	FAIL	3,615	3,742	4%	PASS
80757	ALVARADO ST / WILSHIRE BL - SB	16,869	17,257	2%	PASS	3,463	4,565	32%	FAIL	4,335	4,268	-2%	PASS
80778	BEAUDRY AV / SUNSET BL - WB	14,278	16,628	16%	PASS	2,462	4,488	82%	FAIL	4,575	4,611	1%	PASS
80780	BEAUDRY AV / SUNSET BL - NB	5,082	6,248	23%	PASS	549	1,023	86%	FAIL	1,813	2,510	38%	PASS
80781	BEAUDRY AV / SUNSET BL - EB	17,033	19,324	13%	PASS	4,016	3,315	-17%	PASS	4,282	7,121	66%	FAIL
80785	Elysian Park Av / Sunset Bl - SB	10,027	13,354	33%	PASS	3,605	3,838	6%	PASS	2,245	3,483	55%	FAIL
80788	Elysian Park Av / Sunset Bl - WB	20,230	18,324	-9%	PASS	3,043	3,256	7%	PASS	7,361	6,867	-7%	PASS
80789	ELYSIAN PARK AV / SUNSET BL - SB	15,778	18,762	19%	PASS	3,072	3,720	21%	PASS	4,402	4,934	12%	PASS
81258	ALVARADO ST / SUNSET BL - WB	20,261	18,923	-7%	PASS	3,675	3,763	2%	PASS	4,683	4,782	2%	PASS
81260	ALVARADO ST / SUNSET BL - NB	15,669	11,063	-29%	PASS	2,150	2,124	-1%	PASS	3,358	3,971	18%	PASS
81261	ALVARADO ST / SUNSET BL - EB	23,789	27,934	17%	PASS	3,785	5,376	42%	FAIL	6,351	7,254	14%	PASS
81264	ALVARADO ST / SUNSET BL - SB	18,216	18,175	0%	PASS	3,552	4,289	21%	PASS	4,099	4,778	17%	PASS

STATIC HIGHWAY VEHICLE VOLUME VALIDATION

ID	LOCATION	DAILY				AM PERIOD (6-9AM)				PM PERIOD (3-7PM)			
		COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST
81442	1ST ST / BEAUDRY AV - WB	15,710	9,673	-38%	FAIL	2,434	1,490	-39%	FAIL	5,860	4,174	-29%	FAIL
81443	1ST ST / BEAUDRY AV - EB	8,804	9,915	13%	PASS	2,053	2,691	31%	PASS	3,004	2,135	-29%	PASS
81444	1ST ST / BEAUDRY AV - SB	10,873	8,618	-21%	PASS	3,480	1,954	-44%	FAIL	2,375	2,045	-14%	PASS
81472	3rd St / Virgil Av - NB	9,477	11,293	19%	PASS	1,553	2,127	37%	PASS	2,810	3,779	34%	PASS
81477	3RD ST / VIRGIL AV - SB	13,205	16,341	24%	PASS	2,837	3,370	19%	PASS	3,426	4,152	21%	PASS
81538	3rd St / Vermont Av - WB	19,262	16,614	-14%	PASS	3,664	2,460	-33%	FAIL	4,726	5,132	9%	PASS
81541	3RD ST / VERMONT AV - NB	21,114	17,774	-16%	PASS	3,343	3,454	3%	PASS	4,525	5,550	23%	PASS
81545	3RD ST / VERMONT AV - EB	23,701	17,420	-27%	FAIL	3,864	4,059	5%	PASS	5,592	3,836	-31%	FAIL
81547	3rd St / Vermont Av - SB	21,681	19,422	-10%	PASS	3,859	4,404	14%	PASS	4,597	5,478	19%	PASS
81556	Beverly Bl / Vermont Av - WB	16,588	24,225	46%	FAIL	3,320	4,803	45%	FAIL	4,305	5,486	27%	PASS
81559	BEVERLY BL / VERMONT AV - NB	26,391	19,759	-25%	PASS	4,581	3,688	-19%	PASS	6,082	6,457	6%	PASS
81562	Beverly Bl / Vermont Av - EB	15,771	17,384	10%	PASS	2,832	3,085	9%	PASS	4,159	4,753	14%	PASS
81563	BEVERLY BL / VERMONT AV - SB	31,007	29,516	-5%	PASS	5,589	6,521	17%	PASS	7,686	7,912	3%	PASS
81592	Melrose Av / Vermont Av - WB	6,088	7,151	17%	PASS	1,370	1,957	43%	PASS	1,599	1,758	10%	PASS
81593	MELROSE AV / VERMONT AV - NB	22,490	18,273	-19%	PASS	3,896	3,853	-1%	PASS	5,547	6,018	8%	PASS
81595	MELROSE AV / VERMONT AV - EB	9,144	9,039	-1%	PASS	1,308	2,034	56%	FAIL	3,017	3,411	13%	PASS
81598	Melrose Av / Vermont Av - SB	22,551	18,786	-17%	PASS	3,664	3,953	8%	PASS	5,906	5,784	-2%	PASS
90002	VALLEY CIRCLE BL / VENTURA BL - WB	4,570	2,996	-34%	PASS	1,144	285	-75%	FAIL	1,204	937	-22%	PASS
90004	Valley Circle Bl / Ventura Bl - NB	13,757	21,953	60%	FAIL	2,134	3,948	85%	FAIL	4,531	6,798	50%	FAIL
90008	Valley Circle Bl / Ventura Bl - SB	20,737	14,601	-30%	FAIL	4,069	3,025	-26%	PASS	6,212	3,394	-45%	FAIL
90015	FALLBROOK AV / VENTURA BL - EB	7,669	3,865	-50%	FAIL	1,024	730	-29%	PASS	2,573	1,137	-56%	FAIL
90019	Fallbrook Av / Ventura Bl - SB	15,275	10,628	-30%	PASS	3,483	2,000	-43%	FAIL	3,469	2,362	-32%	PASS
90038	TOPANGA CANYON BL / VENTURA BL - WB	21,493	14,963	-30%	FAIL	2,970	2,919	-2%	PASS	6,255	3,849	-38%	FAIL
90040	TOPANGA CANYON BL / VENTURA BL - NB	18,957	17,683	-7%	PASS	3,488	2,858	-18%	PASS	5,137	4,250	-17%	PASS
90046	Topanga Canyon Bl / Ventura Bl - EB	21,196	24,756	17%	PASS	4,283	3,754	-12%	PASS	5,801	6,210	7%	PASS
90048	Topanga Canyon Bl / Ventura Bl - SB	15,925	10,414	-35%	FAIL	3,136	1,585	-49%	FAIL	4,140	2,054	-50%	FAIL
90053	CANOGA AV / VENTURA BL - WB	19,040	15,361	-19%	PASS	2,768	2,877	4%	PASS	5,521	3,793	-31%	FAIL
90055	Canoga Av / Ventura Bl - EB	7,771	7,643	-2%	PASS	1,598	1,249	-22%	PASS	2,307	1,957	-15%	PASS
90059	Canoga Av / Ventura Bl - SB	19,204	17,910	-7%	PASS	3,333	3,204	-4%	PASS	5,856	5,596	-4%	PASS
90071	DE SOTO AV SERRANIA AV / VENTURA BL - WB	14,509	15,758	9%	PASS	2,584	2,699	4%	PASS	4,092	4,152	1%	PASS
90073	De Soto Av, Serrania Av / Ventura Bl - NB	4,611	3,413	-26%	PASS	1,117	731	-35%	PASS	1,367	765	-44%	PASS
90076	DE SOTO AV SERRANIA AV / VENTURA BL - EB	18,639	17,720	-5%	PASS	3,064	2,931	-4%	PASS	5,736	5,408	-6%	PASS
90079	DE SOTO AV SERRANIA AV / VENTURA BL - SB	17,225	11,780	-32%	FAIL	3,309	2,185	-34%	FAIL	4,500	2,164	-52%	FAIL
90105	VENTURA BL / WINNETKA AV - WB	13,539	12,216	-10%	PASS	2,602	2,822	8%	PASS	3,506	3,360	-4%	PASS
90108	Ventura Bl / Winnetka Av - NB	4,608	3,985	-14%	PASS	915	599	-35%	PASS	1,278	872	-32%	PASS
90109	VENTURA BL / WINNETKA AV - EB	15,227	19,945	31%	FAIL	2,981	3,058	3%	PASS	4,679	6,268	34%	FAIL
90114	VENTURA BL / WINNETKA AV - SB	14,502	10,050	-31%	PASS	3,104	1,760	-43%	FAIL	3,244	1,918	-41%	FAIL
90135	Corbin Av / Ventura Bl - SB	8,269	11,802	43%	FAIL	2,291	2,914	27%	PASS	1,821	2,499	37%	PASS
90139	Tampa Av / Ventura Bl - NB	2,056	1,912	-7%	PASS	435	385	-12%	PASS	618	384	-38%	PASS
90144	TAMPA AV / VENTURA BL - EB	20,006	17,567	-12%	PASS	3,683	3,216	-13%	PASS	5,629	5,823	3%	PASS
90146	CANOGA AV / VENTURA BL - SB	17,018	13,575	-20%	PASS	3,085	2,527	-18%	PASS	4,411	3,511	-20%	PASS
90159	Ventura Bl / Wilbur Av - SB	10,954	12,676	16%	PASS	3,385	3,315	-2%	PASS	2,391	2,363	-1%	PASS
90196	BURBANK BL / TOPANGA CANYON BL - SB	19,423	16,098	-17%	PASS	3,528	3,073	-13%	PASS	4,851	3,375	-30%	PASS
90197	Burbank Bl / Topanga Canyon Bl - WB	9,512	10,587	11%	PASS	1,552	1,461	-6%	PASS	2,998	2,078	-31%	PASS

STATIC HIGHWAY VEHICLE VOLUME VALIDATION

ID	LOCATION	DAILY				AM PERIOD (6-9AM)				PM PERIOD (3-7PM)			
		COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST
90201	Burbank Bl / Topanga Canyon Bl - NB	32,761	26,827	-18%	PASS	5,509	4,199	-24%	PASS	9,159	6,588	-28%	FAIL
90204	Burbank Bl / Topanga Canyon Bl - EB	7,540	5,429	-28%	PASS	1,557	996	-36%	PASS	2,325	1,450	-38%	PASS
90212	BURBANK BL / CANOGA AV - WB	6,118	4,548	-26%	PASS	712	1,281	80%	FAIL	2,188	1,686	-23%	PASS
90215	BURBANK BL / CANOGA AV - NB	23,382	15,798	-32%	FAIL	5,179	2,793	-46%	FAIL	5,798	4,403	-24%	PASS
90219	BURBANK BL / CANOGA AV - EB	8,133	6,302	-23%	PASS	2,216	711	-68%	FAIL	1,945	1,368	-30%	PASS
90225	BURBANK BL / DE SOTO AV (NORTH I/S) - NB	22,466	18,999	-15%	PASS	4,514	2,905	-36%	FAIL	5,863	4,438	-24%	PASS
90226	BURBANK BL DE SOTO AV / KAISER DWY (NORTH I/S) -	9,117	3,392	-63%	FAIL	1,121	772	-31%	PASS	3,596	1,492	-59%	FAIL
90231	BURBANK BL / DE SOTO AV (NORTH I/S) - SB	23,823	19,231	-19%	PASS	5,744	4,258	-26%	PASS	5,760	4,325	-25%	PASS
90237	BURBANK BL / VALLEY CIRCLE BL - WB	15,969	12,707	-20%	PASS	4,066	2,346	-42%	FAIL	3,830	3,446	-10%	PASS
90242	BURBANK BL / VALLEY CIRCLE BL - NB	14,784	17,288	17%	PASS	2,610	3,141	20%	PASS	4,924	5,337	8%	PASS
90246	Burbank Bl / Valley Circle Bl - SB	12,581	6,454	-49%	FAIL	3,584	1,677	-53%	FAIL	2,798	1,344	-52%	FAIL
90292	Oxnard St / Topanga Canyon Bl - WB	6,550	4,061	-38%	PASS	808	499	-38%	PASS	2,203	1,147	-48%	FAIL
90294	Oxnard St / Topanga Canyon Bl - NB	26,356	18,616	-29%	FAIL	3,538	2,942	-17%	PASS	7,765	4,978	-36%	FAIL
90297	Oxnard St / Topanga Canyon Bl - EB	5,977	7,839	31%	PASS	1,599	1,736	9%	PASS	1,479	1,648	11%	PASS
90301	Oxnard St / Topanga Canyon Bl - SB	6,299	12,025	91%	FAIL	1,459	2,051	41%	PASS	1,438	2,249	56%	FAIL
90311	CANOGA AV / OXNARD ST - WB	5,475	5,270	-4%	PASS	1,208	677	-44%	PASS	1,590	814	-49%	FAIL
90315	Canoga Av / Oxnard St - NB	22,081	20,057	-9%	PASS	3,488	2,516	-28%	PASS	6,655	5,442	-18%	PASS
90317	Canoga Av / Oxnard St - EB	8,433	5,579	-34%	PASS	1,451	969	-33%	PASS	2,585	1,082	-58%	FAIL
90318	CANOGA AV / OXNARD ST - SB	19,420	14,163	-27%	PASS	4,099	3,077	-25%	PASS	4,560	2,491	-45%	FAIL
90321	De Soto Av / Oxnard St - WB	3,648	2,748	-25%	PASS	1,227	640	-48%	PASS	830	827	0%	PASS
90323	De Soto Av / Oxnard St - NB	24,595	20,446	-17%	PASS	3,904	3,207	-18%	PASS	7,369	5,556	-25%	PASS
90327	De Soto Av / Oxnard St - EB	6,685	6,409	-4%	PASS	950	699	-26%	PASS	2,638	1,847	-30%	PASS
90328	DE SOTO AV / OXNARD ST - SB	23,004	22,396	-3%	PASS	6,350	4,838	-24%	PASS	4,715	4,273	-9%	PASS
90366	Platt Av / Victory Bl - WB	13,513	10,751	-20%	PASS	2,299	1,286	-44%	FAIL	3,896	2,812	-28%	PASS
90367	PLATT AV / VICTORY BL - NB	12,079	13,375	11%	PASS	2,402	1,762	-27%	PASS	3,775	4,277	13%	PASS
90370	Platt Av / Victory Bl - EB	9,376	8,081	-14%	PASS	2,499	1,581	-37%	PASS	2,347	1,494	-36%	PASS
90372	Platt Av / Victory Bl - SB	13,692	10,494	-23%	PASS	2,941	2,234	-24%	PASS	3,676	2,527	-31%	PASS
90399	Topanga Canyon Bl / Victory Bl - EB	17,805	14,351	-19%	PASS	2,243	2,131	-5%	PASS	5,383	3,461	-36%	FAIL
90403	TOPANGA CANYON BL / VICTORY BL - NB	18,212	13,839	-24%	PASS	2,305	2,082	-10%	PASS	5,339	3,730	-30%	FAIL
90408	Topanga Canyon Bl / Victory Bl - NB	12,365	16,083	30%	PASS	2,023	2,946	46%	FAIL	3,294	3,950	20%	PASS
90409	TOPANGA CANYON BL / VICTORY BL - SB	15,919	12,885	-19%	PASS	3,192	2,432	-24%	PASS	3,692	2,461	-33%	PASS
90432	Canoga Av / Victory Bl - WB	15,537	14,589	-6%	PASS	2,701	2,225	-18%	PASS	4,529	3,365	-26%	PASS
90434	Canoga Av / Victory Bl - NB	8,626	10,911	26%	PASS	1,021	1,580	55%	FAIL	2,810	3,048	8%	PASS
90458	VICTORY BL / WINNETKA AV - WB	17,832	24,454	37%	FAIL	3,984	4,768	20%	PASS	4,961	5,597	13%	PASS
90459	Victory Bl / Winnetka Av - NB	19,350	20,376	5%	PASS	2,936	2,926	0%	PASS	5,526	5,196	-6%	PASS
90464	VICTORY BL / WINNETKA AV - EB	23,000	19,944	-13%	PASS	3,429	3,339	-3%	PASS	7,635	5,638	-26%	FAIL
90465	Victory Bl / Winnetka Av - SB	15,196	11,511	-24%	PASS	3,384	2,548	-25%	PASS	3,489	1,774	-49%	FAIL
90470	CORBIN AV / VICTORY BL - NB	7,794	8,811	13%	PASS	1,477	1,200	-19%	PASS	2,951	2,241	-24%	PASS
90474	CORBIN AV / VICTORY BL - SB	10,380	10,770	4%	PASS	2,960	2,778	-6%	PASS	2,471	2,252	-9%	PASS
90477	TAMPA AV / VICTORY BL - WB	18,159	22,298	23%	PASS	3,907	4,409	13%	PASS	5,413	5,458	1%	PASS
90480	TAMPA AV / VICTORY BL - NB	16,891	20,211	20%	PASS	2,464	2,982	21%	PASS	5,344	6,347	19%	PASS
90482	TAMPA AV / VICTORY BL - EB	22,966	19,145	-17%	PASS	3,603	3,338	-7%	PASS	6,988	5,458	-22%	PASS
90483	Tampa Av / Victory Bl - SB	17,569	15,665	-11%	PASS	4,005	3,152	-21%	PASS	4,201	3,126	-26%	PASS
90489	VICTORY BL / WILBUR AV - NB	9,413	9,690	3%	PASS	1,843	1,653	-10%	PASS	3,166	2,540	-20%	PASS

STATIC HIGHWAY VEHICLE VOLUME VALIDATION

ID	LOCATION	DAILY				AM PERIOD (6-9AM)				PM PERIOD (3-7PM)			
		COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST
90493	VICTORY BL / WILBUR AV - SB	10,635	10,008	-6%	PASS	3,128	2,354	-25%	PASS	2,407	2,084	-13%	PASS
90509	TAMPA AV / VENTURA BL - SB	17,197	19,536	14%	PASS	3,688	3,593	-3%	PASS	3,807	4,264	12%	PASS
90605	FALLBROOK AV / VENTURA BL - WB	19,717	21,354	8%	PASS	3,221	3,462	7%	PASS	5,651	4,847	-14%	PASS
90613	Canoga Av / Victory Bl - SB	10,534	11,802	12%	PASS	2,738	2,174	-21%	PASS	2,430	2,443	1%	PASS
90816	MASON AV VICTORY BL / BUSWAY - SB	8,991	7,628	-15%	PASS	2,653	1,730	-35%	PASS	2,146	1,461	-32%	PASS
90827	DE SOTO AV VICTORY BL / BUSWAY - WB	22,421	20,333	-9%	PASS	5,567	3,691	-34%	FAIL	5,876	4,828	-18%	PASS
90832	DE SOTO AV VICTORY BL / BUSWAY - NB	20,533	22,156	8%	PASS	2,920	2,739	-6%	PASS	6,483	6,469	0%	PASS
90835	DE SOTO AV VICTORY BL / BUSWAY - EB	22,128	16,638	-25%	PASS	2,915	2,486	-15%	PASS	7,712	4,836	-37%	FAIL
90840	DE SOTO AV VICTORY BL / BUSWAY - SB	20,390	23,082	13%	PASS	5,504	5,860	6%	PASS	4,262	4,458	5%	PASS
90925	CANOGA AV VANOWEN ST / BUSWAY - WB	16,614	16,758	1%	PASS	3,734	2,642	-29%	PASS	4,253	3,469	-18%	PASS
90927	CANOGA AV VANOWEN ST / BUSWAY - EB	14,114	13,202	-6%	PASS	1,971	2,055	4%	PASS	4,507	3,261	-28%	PASS
91061	CHATSWORTH ST / RESEDA BL - WB	11,872	15,036	27%	PASS	2,277	2,524	11%	PASS	3,432	3,737	9%	PASS
91063	CHATSWORTH ST / RESEDA BL - NB	18,283	23,749	30%	FAIL	2,270	3,512	55%	FAIL	4,823	5,286	10%	PASS
91065	CHATSWORTH ST / RESEDA BL - EB	9,229	14,162	53%	FAIL	1,661	2,700	63%	FAIL	3,791	3,172	-16%	PASS
91067	CHATSWORTH ST / RESEDA BL - SB	18,553	12,816	-31%	FAIL	3,901	2,889	-26%	PASS	4,480	2,233	-50%	FAIL
91077	CHATSWORTH ST / ZELZAH AV - WB	10,634	14,183	33%	PASS	2,167	3,106	43%	FAIL	3,009	2,774	-8%	PASS
91079	CHATSWORTH ST / ZELZAH AV - NB	5,528	3,811	-31%	PASS	702	583	-17%	PASS	2,029	1,135	-44%	PASS
91081	CHATSWORTH ST / ZELZAH AV - EB	10,291	10,367	1%	PASS	1,291	2,063	60%	FAIL	3,805	2,510	-34%	FAIL
91106	DEVONSHIRE ST / RESEDA BL - WB	13,319	16,826	26%	PASS	2,931	2,894	-1%	PASS	3,876	3,939	2%	PASS
91109	DEVONSHIRE ST / RESEDA BL - NB	17,599	16,666	-5%	PASS	2,139	2,346	10%	PASS	4,746	3,582	-25%	PASS
91115	DEVONSHIRE ST / RESEDA BL - EB	16,891	21,374	27%	PASS	2,667	3,646	37%	FAIL	5,585	5,619	1%	PASS
91127	DEVONSHIRE ST / ZELZAH AV - WB	14,873	17,530	18%	PASS	3,766	3,689	-2%	PASS	3,786	4,006	6%	PASS
91129	DEVONSHIRE ST / ZELZAH AV - NB	9,626	10,151	5%	PASS	1,547	1,502	-3%	PASS	3,251	2,448	-25%	PASS
91131	DEVONSHIRE ST / ZELZAH AV - EB	18,329	14,166	-23%	PASS	2,719	2,142	-21%	PASS	5,925	3,781	-36%	FAIL
91134	DEVONSHIRE ST / ZELZAH AV - SB	9,577	11,810	23%	PASS	1,815	2,265	25%	PASS	2,860	3,025	6%	PASS
91247	SANTA SUSANA PASS RD / TOPANGA CANYON BL - EB	1,297	1,179	-9%	PASS	349	355	2%	PASS	308	208	-33%	PASS
91273	CHATSWORTH ST / DE SOTO AV - NB	20,564	17,095	-17%	PASS	3,472	2,531	-27%	PASS	6,484	4,402	-32%	FAIL
91276	CHATSWORTH ST / DE SOTO AV - SB	17,807	16,544	-7%	PASS	4,291	3,302	-23%	PASS	4,327	3,435	-21%	PASS
91278	CHATSWORTH ST / TAMPA AV - WB	15,709	14,400	-8%	PASS	2,341	2,414	3%	PASS	4,479	3,142	-30%	PASS
91282	CHATSWORTH ST / TAMPA AV - NB	6,196	11,275	82%	FAIL	1,011	1,536	52%	PASS	2,202	2,806	27%	PASS
91287	CHATSWORTH ST / TAMPA AV - SB	20,275	26,628	31%	FAIL	3,938	5,452	38%	FAIL	4,994	5,633	13%	PASS
91333	DE SOTO AV / DEVONSHIRE ST - WB	17,291	17,935	4%	PASS	3,349	4,167	24%	PASS	4,803	3,852	-20%	PASS
91341	DE SOTO AV / DEVONSHIRE ST - EB	17,055	22,332	31%	FAIL	3,170	3,546	12%	PASS	4,553	4,663	2%	PASS
91342	DE SOTO AV / DEVONSHIRE ST - SB	9,814	12,987	32%	PASS	2,245	2,781	24%	PASS	2,279	2,665	17%	PASS
91359	DEVONSHIRE ST / WINNETKA AV - WB	15,162	17,725	17%	PASS	4,112	4,394	7%	PASS	3,826	3,739	-2%	PASS
91361	DEVONSHIRE ST / WINNETKA AV - NB	6,209	10,640	71%	FAIL	925	1,618	75%	FAIL	2,182	3,166	45%	FAIL
91364	DEVONSHIRE ST / WINNETKA AV - EB	12,052	21,678	80%	FAIL	2,123	3,308	56%	FAIL	3,679	5,744	56%	FAIL
91387	DEVONSHIRE ST / TAMPA AV - WB	12,701	18,694	47%	FAIL	2,984	3,742	25%	PASS	3,460	3,972	15%	PASS
91391	DEVONSHIRE ST / TAMPA AV - NB	19,757	21,939	11%	PASS	2,920	3,180	9%	PASS	6,020	5,605	-7%	PASS
91393	DEVONSHIRE ST / TAMPA AV - EB	12,113	9,880	-18%	PASS	2,041	1,577	-23%	PASS	4,078	2,867	-30%	PASS
91399	DEVONSHIRE ST / TAMPA AV - SB	17,932	11,914	-34%	FAIL	3,936	2,200	-44%	FAIL	4,911	2,258	-54%	FAIL
91412	DE SOTO AV / DEVONSHIRE ST - NB	22,190	18,603	-16%	PASS	3,735	2,542	-32%	FAIL	6,680	6,104	-9%	PASS
91526	BURBANK BL / CANOGA AV - SB	20,498	19,742	-4%	PASS	3,325	3,330	0%	PASS	5,633	3,434	-39%	FAIL
91637	Victory Bl / Woodlake Av - NB	2,251	1,770	-21%	PASS	496	278	-44%	PASS	703	420	-40%	PASS

STATIC HIGHWAY VEHICLE VOLUME VALIDATION

ID	LOCATION	DAILY				AM PERIOD (6-9AM)				PM PERIOD (3-7PM)			
		COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST
91739	CANOGA AV / VANOWEN ST - NB	15,357	13,370	-13%	PASS	1,868	1,862	0%	PASS	5,021	3,705	-26%	PASS
91742	CANOGA AV VANOWEN ST / BUSWAY - SB	15,478	13,355	-14%	PASS	3,431	2,969	-13%	PASS	3,949	2,510	-36%	FAIL
91756	DEVONSHIRE ST / RESEDA BL - SB	21,124	20,301	-4%	PASS	3,978	4,173	5%	PASS	5,215	3,895	-25%	PASS
91770	CHATSWORTH ST / DE SOTO AV - EB	4,379	2,932	-33%	PASS	1,042	480	-54%	FAIL	1,486	721	-51%	PASS
91801	RESEDA BL / RINALDI ST - WB	9,569	13,178	38%	PASS	2,853	3,004	5%	PASS	2,415	2,635	9%	PASS
91803	RESEDA BL / RINALDI ST - NB	5,771	16,738	190%	FAIL	1,074	2,385	122%	FAIL	1,618	3,654	126%	FAIL
91805	RESEDA BL / RINALDI ST - EB	25,107	26,378	5%	PASS	3,661	3,966	8%	PASS	8,845	5,915	-33%	FAIL
91806	RESEDA BL / RINALDI ST - SB	5,330	7,462	40%	PASS	1,486	1,754	18%	PASS	1,360	1,254	-8%	PASS
91827	TAMPA AV / VENTURA BL - WB	16,305	15,852	-3%	PASS	2,355	2,698	15%	PASS	4,669	5,170	11%	PASS
91904	VALLEY CIRCLE BL / VICTORY BL - SB	11,061	6,011	-46%	FAIL	3,173	1,436	-55%	FAIL	2,682	1,378	-49%	FAIL
91911	VALLEY CIRCLE BL / VICTORY BL - NB	10,682	7,761	-27%	PASS	2,030	2,480	22%	PASS	3,694	1,851	-50%	FAIL
91916	FALLBROOK AV / VICTORY BL - WB	15,213	10,407	-32%	FAIL	2,363	1,583	-33%	PASS	4,391	2,595	-41%	FAIL
91920	FALLBROOK AV / VICTORY BL - NB	17,013	17,405	2%	PASS	2,728	2,395	-12%	PASS	5,295	4,061	-23%	PASS
91923	FALLBROOK AV / VICTORY BL - EB	15,629	12,502	-20%	PASS	3,080	2,648	-14%	PASS	4,099	2,550	-38%	FAIL
91927	FALLBROOK AV / VICTORY BL - SB	19,500	15,264	-22%	PASS	3,901	2,670	-32%	FAIL	4,846	3,288	-32%	FAIL
91940	VALLEY CIRCLE BL / VANOWEN ST - SB	9,907	5,810	-41%	FAIL	2,720	1,376	-49%	FAIL	2,589	1,359	-47%	FAIL
91943	VALLEY CIRCLE BL / VANOWEN ST - WB	4,498	772	-83%	FAIL	704	150	-79%	FAIL	1,592	156	-90%	FAIL
91944	VALLEY CIRCLE BL / VANOWEN ST - NB	9,876	6,542	-34%	PASS	1,803	2,237	24%	PASS	3,710	1,664	-55%	FAIL
92011	FALLBROOK AV / SHERMAN WY - SB	13,911	15,233	10%	PASS	3,339	3,317	-1%	PASS	3,592	3,635	1%	PASS
92014	FALLBROOK AV / SHERMAN WY - WB	12,698	13,499	6%	PASS	2,645	2,277	-14%	PASS	3,264	3,660	12%	PASS
92015	FALLBROOK AV / SHERMAN WY - NB	14,536	14,598	0%	PASS	2,333	2,090	-10%	PASS	4,531	3,767	-17%	PASS
92020	FALLBROOK AV / SHERMAN WY - EB	11,260	12,814	14%	PASS	2,392	1,965	-18%	PASS	3,241	3,568	10%	PASS
92092	ROSCOE BL / VALLEY CIRCLE BL - NB	6,809	6,162	-9%	PASS	1,458	2,163	48%	FAIL	2,473	1,537	-38%	PASS
92093	ROSCOE BL / VALLEY CIRCLE BL - SB	5,104	9,952	95%	FAIL	1,856	2,404	30%	PASS	1,265	2,366	87%	FAIL
92106	FALLBROOK AV / ROSCOE BL - WB	15,226	12,541	-18%	PASS	3,485	2,122	-39%	FAIL	4,054	3,267	-19%	PASS
92107	FALLBROOK AV / ROSCOE BL - NB	7,306	10,373	42%	PASS	1,389	1,633	18%	PASS	2,019	2,786	38%	PASS
92110	FALLBROOK AV / ROSCOE BL - EB	8,680	6,552	-25%	PASS	2,083	1,288	-38%	PASS	2,247	1,681	-25%	PASS
92153	LASSEN ST / TOPANGA CANYON BL - NB	24,402	34,256	40%	FAIL	3,990	4,649	17%	PASS	7,348	9,615	31%	FAIL
92158	LASSEN ST / TOPANGA CANYON BL - SB	24,708	28,318	15%	PASS	5,448	6,132	13%	PASS	6,180	5,493	-11%	PASS
92163	MARILLA ST / TOPANGA CANYON BL - WB	2,225	2,637	19%	PASS	256	191	-26%	PASS	859	917	7%	PASS
92177	NORDHOFF ST / TOPANGA CANYON BL - WB	4,441	2,438	-45%	PASS	744	233	-69%	FAIL	1,398	667	-52%	PASS
92179	NORDHOFF ST / TOPANGA CANYON BL - NB	22,870	27,118	19%	PASS	4,037	4,015	-1%	PASS	6,665	6,834	3%	PASS
92185	NORDHOFF ST / TOPANGA CANYON BL - SB	25,115	22,595	-10%	PASS	5,854	4,285	-27%	FAIL	6,438	4,855	-25%	PASS
92225	DE SOTO AV / LASSEN ST - NB	18,413	18,165	-1%	PASS	2,961	2,532	-14%	PASS	5,332	5,889	10%	PASS
92231	DE SOTO AV / LASSEN ST - SB	19,672	17,864	-9%	PASS	3,967	4,167	5%	PASS	4,661	3,583	-23%	PASS
92251	DE SOTO AV / NORDHOFF ST - WB	10,677	8,410	-21%	PASS	2,843	1,703	-40%	FAIL	2,606	2,036	-22%	PASS
92252	DE SOTO AV / NORDHOFF ST - NB	20,258	16,765	-17%	PASS	4,469	2,652	-41%	FAIL	5,412	5,013	-7%	PASS
92257	DE SOTO AV / NORDHOFF ST - EB	16,112	12,541	-22%	PASS	2,891	2,142	-26%	PASS	5,024	3,198	-36%	FAIL
92262	DE SOTO AV / NORDHOFF ST - SB	24,238	22,565	-7%	PASS	5,353	4,883	-9%	PASS	6,026	4,987	-17%	PASS
92338	LASSEN ST / WINNETKA AV - NB	13,691	11,511	-16%	PASS	2,344	1,728	-26%	PASS	4,806	2,799	-42%	FAIL
92340	LASSEN ST / WINNETKA AV - SB	12,124	10,129	-16%	PASS	3,277	2,660	-19%	PASS	3,401	1,967	-42%	FAIL
92369	NORDHOFF ST / WINNETKA AV - SB	12,175	8,787	-28%	PASS	3,035	1,462	-52%	FAIL	3,393	2,218	-35%	FAIL
92372	NORDHOFF ST / WINNETKA AV - NB	14,779	13,452	-9%	PASS	3,536	2,718	-23%	PASS	4,058	2,566	-37%	FAIL
92376	NORDHOFF ST / WINNETKA AV - WB	11,860	11,372	-4%	PASS	2,592	2,187	-16%	PASS	2,898	2,784	-4%	PASS

STATIC HIGHWAY VEHICLE VOLUME VALIDATION

ID	LOCATION	DAILY				AM PERIOD (6-9AM)				PM PERIOD (3-7PM)			
		COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST
92378	NORDHOFF ST / WINNETKA AV - EB	10,129	13,732	36%	FAIL	1,686	1,989	18%	PASS	3,221	3,986	24%	PASS
92428	CORBIN AV NORDHOFF PL / NORDHOFF ST - SB	14,480	10,958	-24%	PASS	3,067	1,579	-49%	FAIL	3,995	2,681	-33%	FAIL
92431	CORBIN AV NORDHOFF PL / NORDHOFF ST - NB	18,309	14,670	-20%	PASS	3,491	3,298	-6%	PASS	5,838	3,018	-48%	FAIL
92435	CORBIN AV NORDHOFF PL / NORDHOFF ST - WB	6,746	5,319	-21%	PASS	937	765	-18%	PASS	1,724	1,236	-28%	PASS
92465	LASSEN ST / TAMPA AV - NB	18,907	22,879	21%	PASS	2,264	3,297	46%	FAIL	6,125	5,839	-5%	PASS
92469	LASSEN ST / TAMPA AV - SB	19,116	20,693	8%	PASS	4,197	4,000	-5%	PASS	4,911	3,836	-22%	PASS
92503	NORDHOFF ST / TAMPA AV - WB	24,001	19,128	-20%	PASS	4,395	3,557	-19%	PASS	6,310	4,448	-30%	FAIL
92506	NORDHOFF ST / TAMPA AV - NB	24,192	21,371	-12%	PASS	3,287	3,234	-2%	PASS	7,121	5,432	-24%	PASS
92510	NORDHOFF ST / TAMPA AV - EB	17,277	13,753	-20%	PASS	1,902	2,416	27%	PASS	5,507	3,496	-37%	FAIL
92515	NORDHOFF ST / TAMPA AV - SB	23,327	23,132	-1%	PASS	3,862	3,808	-1%	PASS	6,413	4,815	-25%	PASS
100077	SHERMAN WY / WOODMAN AV - EB	25,664	25,374	-1%	PASS	4,747	5,025	6%	PASS	6,533	6,427	-2%	PASS
100081	SHERMAN WY / WOODMAN AV - SB	25,023	21,336	-15%	PASS	5,523	4,585	-17%	PASS	6,020	4,537	-25%	PASS
100085	SHERMAN WY / WOODMAN AV - WB	21,805	21,563	-1%	PASS	3,693	3,281	-11%	PASS	4,773	6,283	32%	FAIL
100089	SHERMAN WY / WOODMAN AV - NB	17,813	15,809	-11%	PASS	2,680	2,366	-12%	PASS	5,321	4,520	-15%	PASS
100150	COLDWATER CYN AV / STRATHERN ST - NB	11,535	10,328	-10%	PASS	1,510	1,481	-2%	PASS	4,501	2,924	-35%	FAIL
100152	COLDWATER CYN AV / STRATHERN ST - SB	10,178	12,362	21%	PASS	2,971	2,637	-11%	PASS	2,246	2,755	23%	PASS
100154	COLDWATER CYN AV / STRATHERN ST - WB	3,325	4,005	20%	PASS	696	648	-7%	PASS	967	1,036	7%	PASS
100155	COLDWATER CYN AV / STRATHERN ST - EB	1,862	1,973	6%	PASS	457	358	-22%	PASS	542	427	-21%	PASS
100173	COLDWATER CANYON AV / SHERMAN WY - EB	28,230	23,210	-18%	PASS	4,682	4,742	1%	PASS	7,097	5,651	-20%	PASS
100176	COLDWATER CANYON AV / SHERMAN WY - SB	12,737	13,193	4%	PASS	2,773	2,395	-14%	PASS	3,150	3,233	3%	PASS
100181	COLDWATER CANYON AV / SHERMAN WY - WB	20,265	21,843	8%	PASS	3,182	3,795	19%	PASS	4,598	6,026	31%	FAIL
100183	COLDWATER CANYON AV / SHERMAN WY - NB	13,851	10,537	-24%	PASS	2,337	1,565	-33%	PASS	4,257	2,732	-36%	FAIL
100275	LAUREL CANYON BL / STRATHERN ST - NB	10,696	9,375	-12%	PASS	1,758	1,397	-21%	PASS	3,824	2,793	-27%	PASS
100278	LAUREL CANYON BL / STRATHERN ST - SB	9,129	7,456	-18%	PASS	2,000	1,538	-23%	PASS	2,356	1,492	-37%	PASS
100279	LAUREL CANYON BL / STRATHERN ST - WB	5,512	7,241	31%	PASS	1,077	1,237	15%	PASS	1,608	1,885	17%	PASS
100280	LAUREL CANYON BL / STRATHERN ST - EB	5,105	6,781	33%	PASS	1,139	1,261	11%	PASS	1,527	1,778	16%	PASS
100293	LAUREL CANYON BL / SHERMAN WY - SB	11,956	10,069	-16%	PASS	2,489	2,253	-9%	PASS	2,892	2,288	-21%	PASS
100296	LAUREL CANYON BL / SHERMAN WY - WB	14,912	17,632	18%	PASS	2,235	2,780	24%	PASS	3,573	4,261	19%	PASS
100298	LAUREL CANYON BL / SHERMAN WY - NB	14,667	17,914	22%	PASS	2,026	2,346	16%	PASS	4,413	4,893	11%	PASS
100301	LAUREL CANYON BL / SHERMAN WY - EB	26,946	18,524	-31%	FAIL	5,232	3,796	-27%	PASS	6,426	4,254	-34%	FAIL
100326	LANKERSHIM BL / STRATHERN ST - NB	12,497	14,614	17%	PASS	2,083	2,424	16%	PASS	3,724	3,819	3%	PASS
100328	LANKERSHIM BL / STRATHERN ST - SB	17,569	12,387	-29%	FAIL	3,853	2,034	-47%	FAIL	4,476	3,137	-30%	PASS
100332	LANKERSHIM BL / STRATHERN ST - WB	8,200	6,288	-23%	PASS	1,416	833	-41%	PASS	2,425	2,061	-15%	PASS
100333	LANKERSHIM BL / STRATHERN ST - EB	4,997	7,565	51%	PASS	978	1,565	60%	FAIL	1,374	1,777	29%	PASS
100351	LANKERSHIM BL / SHERMAN WY - EB	18,378	16,695	-9%	PASS	3,570	3,105	-13%	PASS	3,973	3,556	-10%	PASS
100354	LANKERSHIM BL / SHERMAN WY - SB	15,410	15,291	-1%	PASS	3,224	3,077	-5%	PASS	3,686	2,917	-21%	PASS
100357	LANKERSHIM BL / SHERMAN WY - WB	15,111	12,373	-18%	PASS	2,518	1,843	-27%	PASS	3,815	3,473	-9%	PASS
100359	LANKERSHIM BL / SHERMAN WY - NB	8,611	11,051	28%	PASS	1,147	1,516	32%	PASS	2,526	3,085	22%	PASS
100451	SHERMAN WY / VINELAND AV - WB	7,036	8,772	25%	PASS	1,176	820	-30%	PASS	2,041	2,441	20%	PASS
100455	SHERMAN WY / VINELAND AV - NB	18,329	19,526	7%	PASS	2,501	3,015	21%	PASS	5,488	4,876	-11%	PASS
100458	SHERMAN WY / VINELAND AV - EB	12,474	12,139	-3%	PASS	2,357	2,617	11%	PASS	3,413	2,497	-27%	PASS
100460	SHERMAN WY / VINELAND AV - SB	16,035	13,872	-13%	PASS	3,842	2,647	-31%	FAIL	3,582	2,933	-18%	PASS
100505	SAN FERNANDO RD / SUNLAND BL - EB	7,245	9,832	36%	PASS	1,858	2,430	31%	PASS	1,680	1,733	3%	PASS
100507	SAN FERNANDO RD / SUNLAND BL - NB	13,801	11,439	-17%	PASS	2,221	1,900	-14%	PASS	3,652	2,815	-23%	PASS

STATIC HIGHWAY VEHICLE VOLUME VALIDATION

ID	LOCATION	DAILY				AM PERIOD (6-9AM)				PM PERIOD (3-7PM)			
		COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST
100508	SAN FERNANDO RD / SUNLAND BL - SB	20,162	16,042	-20%	PASS	4,464	3,304	-26%	PASS	4,609	3,032	-34%	FAIL
100510	CLYBOURN AV SAN FERNANDO RD / STRATHERN ST - V	8,342	11,915	43%	FAIL	1,253	1,489	19%	PASS	2,534	4,709	86%	FAIL
100513	CLYBOURN AV SAN FERNANDO RD / STRATHERN ST - E	8,341	9,949	19%	PASS	2,925	2,561	-12%	PASS	1,445	1,641	14%	PASS
100516	CLYBOURN AV SAN FERNANDO RD / STRATHERN ST - N	5,250	10,323	97%	FAIL	1,046	1,158	11%	PASS	1,506	2,854	89%	FAIL
100550	GLENOAKS BL / PENROSE ST - EB	4,139	5,226	26%	PASS	901	643	-29%	PASS	1,179	1,113	-6%	PASS
100551	DORA ST GLENOAKS BL / SUNLAND BL - EB	8,537	11,077	30%	PASS	1,965	1,379	-30%	PASS	2,026	3,413	68%	FAIL
100555	DORA ST GLENOAKS BL / SUNLAND BL - WB	7,009	8,376	20%	PASS	1,120	3,131	180%	FAIL	2,133	1,471	-31%	PASS
100558	DORA ST GLENOAKS BL / SUNLAND BL - NB	13,907	13,684	-2%	PASS	2,310	1,744	-24%	PASS	4,029	3,119	-23%	PASS
100559	DORA ST GLENOAKS BL / SUNLAND BL - SB	16,346	14,398	-12%	PASS	3,930	3,467	-12%	PASS	3,751	2,528	-33%	FAIL
100571	GLENOAKS BL / ROSCOE BL (NORTH I/S) - EB	5,885	8,388	43%	PASS	925	1,142	23%	PASS	1,692	1,218	-28%	PASS
100591	GLENOAKS BL GOLDEN STATE FWY N/B RAMPS HOLLYV	16,418	14,031	-15%	PASS	2,329	2,652	14%	PASS	5,325	3,753	-30%	FAIL
100604	LA TUNA CANYON RD / SUNLAND BL - SB	11,345	17,131	51%	FAIL	3,062	3,749	22%	PASS	2,346	3,203	37%	PASS
100607	LA TUNA CANYON RD / SUNLAND BL - WB	12,676	11,165	-12%	PASS	3,541	2,452	-31%	PASS	3,331	2,688	-19%	PASS
100608	LA TUNA CANYON RD / SUNLAND BL - NB	15,138	18,971	25%	PASS	2,030	2,496	23%	PASS	5,143	5,032	-2%	PASS
100666	DE SOTO AV / VANOWEN ST - NB	19,223	22,324	16%	PASS	2,813	2,994	6%	PASS	5,584	6,676	20%	PASS
100669	DE SOTO AV / VANOWEN ST - EB	17,902	16,478	-8%	PASS	2,795	2,581	-8%	PASS	5,576	4,151	-26%	PASS
100672	DE SOTO AV / VANOWEN ST - SB	19,702	12,928	-34%	FAIL	4,454	3,676	-17%	PASS	4,491	2,121	-53%	FAIL
100678	DE SOTO AV / VANOWEN ST - WB	17,988	19,653	9%	PASS	4,037	3,614	-10%	PASS	4,728	4,135	-13%	PASS
100774	LASSEN ST / RESEDA BL - NB	20,562	21,106	3%	PASS	2,298	2,797	22%	PASS	5,510	4,870	-12%	PASS
100779	LASSEN ST / RESEDA BL - SB	19,964	16,374	-18%	PASS	3,728	3,056	-18%	PASS	4,699	3,482	-26%	PASS
100801	NORDHOFF ST / RESEDA BL - WB	20,011	18,648	-7%	PASS	3,437	3,457	1%	PASS	5,449	4,350	-20%	PASS
100805	NORDHOFF ST / RESEDA BL - NB	15,852	18,424	16%	PASS	2,408	3,147	31%	PASS	4,092	4,043	-1%	PASS
100809	NORDHOFF ST / RESEDA BL - EB	17,861	15,502	-13%	PASS	2,773	2,747	-1%	PASS	5,127	4,273	-17%	PASS
100813	NORDHOFF ST / RESEDA BL - SB	15,273	15,057	-1%	PASS	2,218	2,455	11%	PASS	3,877	3,231	-17%	PASS
100839	RESEDA BL / ROSCOE BL - NB	15,121	14,612	-3%	PASS	2,277	2,783	22%	PASS	4,076	2,942	-28%	PASS
100841	RESEDA BL / ROSCOE BL - EB	18,299	21,572	18%	PASS	3,373	4,086	21%	PASS	5,021	5,453	9%	PASS
100844	RESEDA BL / ROSCOE BL - SB	16,860	15,627	-7%	PASS	2,699	2,547	-6%	PASS	4,546	3,441	-24%	PASS
100847	RESEDA BL / ROSCOE BL - WB	19,887	21,712	9%	PASS	3,792	3,847	1%	PASS	5,582	6,610	18%	PASS
100905	LASSEN ST / ZELZAH AV - NB	14,413	13,804	-4%	PASS	2,355	2,033	-14%	PASS	4,499	3,353	-25%	PASS
100908	LASSEN ST / ZELZAH AV - SB	8,992	8,653	-4%	PASS	1,933	1,702	-12%	PASS	2,585	1,836	-29%	PASS
100926	NORDHOFF ST / ZELZAH AV - EB	21,852	23,652	8%	PASS	2,687	3,260	21%	PASS	6,443	6,302	-2%	PASS
100928	NORDHOFF ST / ZELZAH AV - SB	10,460	8,948	-14%	PASS	1,822	1,890	4%	PASS	3,015	1,842	-39%	FAIL
100931	NORDHOFF ST / ZELZAH AV - WB	16,461	17,196	4%	PASS	3,130	4,095	31%	PASS	3,518	4,352	24%	PASS
100952	ROSCOE BL / WHITE OAK AV - EB	20,077	17,170	-14%	PASS	3,880	3,752	-3%	PASS	5,759	4,445	-23%	PASS
100955	ROSCOE BL / WHITE OAK AV - WB	20,948	15,824	-24%	PASS	4,376	3,065	-30%	FAIL	5,347	4,656	-13%	PASS
100960	ROSCOE BL / WHITE OAK AV - NB	9,631	9,195	-5%	PASS	1,627	1,768	9%	PASS	3,335	2,583	-23%	PASS
101014	BALBOA BL / LASSEN ST - SB	16,005	14,565	-9%	PASS	3,845	3,377	-12%	PASS	3,826	2,870	-25%	PASS
101021	BALBOA BL / LASSEN ST - NB	15,117	15,610	3%	PASS	2,181	2,110	-3%	PASS	5,034	4,568	-9%	PASS
101041	BALBOA BL / NORDHOFF ST - NB	11,110	15,917	43%	FAIL	1,539	2,226	45%	PASS	4,033	4,825	20%	PASS
101047	BALBOA BL / NORDHOFF ST - EB	19,894	15,615	-22%	PASS	2,611	2,125	-19%	PASS	5,972	4,443	-26%	PASS
101050	BALBOA BL / NORDHOFF ST - SB	17,615	16,004	-9%	PASS	4,598	3,881	-16%	PASS	4,025	3,523	-12%	PASS
101055	BALBOA BL / NORDHOFF ST - WB	17,574	17,729	1%	PASS	3,525	4,184	19%	PASS	4,022	4,412	10%	PASS
101069	BALBOA BL / ROSCOE BL - WB	22,853	19,594	-14%	PASS	4,819	3,840	-20%	PASS	5,688	5,301	-7%	PASS
101074	BALBOA BL / ROSCOE BL - NB	16,932	15,770	-7%	PASS	2,408	2,251	-7%	PASS	6,033	4,958	-18%	PASS

STATIC HIGHWAY VEHICLE VOLUME VALIDATION

ID	LOCATION	DAILY				AM PERIOD (6-9AM)				PM PERIOD (3-7PM)			
		COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST
101076	BALBOA BL / ROSCOE BL - EB	19,012	16,465	-13%	PASS	3,522	3,665	4%	PASS	5,258	4,149	-21%	PASS
101079	BALBOA BL / ROSCOE BL - SB	20,488	15,876	-23%	PASS	4,741	3,903	-18%	PASS	4,920	3,305	-33%	FAIL
101102	HAYVENHURST AV / LASSEN ST - WB	9,329	11,472	23%	PASS	2,776	2,720	-2%	PASS	2,451	2,451	0%	PASS
101105	HAYVENHURST AV / LASSEN ST - EB	12,015	10,944	-9%	PASS	2,245	1,657	-26%	PASS	4,413	3,253	-26%	PASS
101109	HAYVENHURST AV / PLUMMER ST - WB	9,651	12,706	32%	PASS	3,117	2,828	-9%	PASS	2,520	2,728	8%	PASS
101113	HAYVENHURST AV / PLUMMER ST - EB	8,777	10,800	23%	PASS	1,989	1,507	-24%	PASS	3,184	3,198	0%	PASS
101118	HAYVENHURST AV / NORDHOFF ST - WB	19,037	18,381	-3%	PASS	3,688	4,125	12%	PASS	4,264	4,684	10%	PASS
101121	HAYVENHURST AV / NORDHOFF ST - EB	19,917	18,233	-8%	PASS	2,277	2,680	18%	PASS	5,986	5,042	-16%	PASS
101125	HAYVENHURST AV / PARTHENIA ST - WB	14,826	13,334	-10%	PASS	3,763	2,933	-22%	PASS	3,746	2,991	-20%	PASS
101129	HAYVENHURST AV / PARTHENIA ST - EB	17,550	18,153	3%	PASS	3,173	2,721	-14%	PASS	5,680	5,298	-7%	PASS
101133	HAYVENHURST AV / ROSCOE BL - WB	24,516	24,888	2%	PASS	5,069	5,146	2%	PASS	6,123	6,431	5%	PASS
101138	HAYVENHURST AV / ROSCOE BL - EB	22,963	17,775	-23%	PASS	3,933	3,674	-7%	PASS	6,380	4,497	-30%	FAIL
101156	TOPANGA CANYON BL / VANOWEN ST - WB	15,082	17,383	15%	PASS	2,707	2,450	-9%	PASS	4,349	3,978	-9%	PASS
101159	TOPANGA CANYON BL / VANOWEN ST - NB	21,501	17,558	-18%	PASS	2,742	2,571	-6%	PASS	6,551	4,865	-26%	PASS
101167	TOPANGA CANYON BL / VANOWEN ST - SB	22,024	26,482	20%	PASS	4,232	4,413	4%	PASS	5,145	5,065	-2%	PASS
101168	TOPANGA CANYON BL / VANOWEN ST - EB	15,530	17,220	11%	PASS	2,960	3,440	16%	PASS	4,483	3,438	-23%	PASS
101326	RESEDA BL / SHERMAN WY - WB	17,742	12,432	-30%	FAIL	3,062	2,368	-23%	PASS	4,770	3,420	-28%	PASS
101329	RESEDA BL / SHERMAN WY - NB	16,689	15,267	-9%	PASS	2,242	2,405	7%	PASS	4,525	3,393	-25%	PASS
101332	RESEDA BL / SHERMAN WY - EB	16,976	13,877	-18%	PASS	2,957	2,783	-6%	PASS	4,411	3,638	-18%	PASS
101335	RESEDA BL / SHERMAN WY - SB	16,756	16,069	-4%	PASS	3,078	2,952	-4%	PASS	4,036	3,515	-13%	PASS
101442	SHERMAN WY / WHITE OAK AV - WB	19,275	15,256	-21%	PASS	3,707	2,918	-21%	PASS	5,515	4,182	-24%	PASS
101446	SHERMAN WY / WHITE OAK AV - EB	18,217	19,048	5%	PASS	3,595	3,594	0%	PASS	4,906	5,517	12%	PASS
101449	SHERMAN WY / WHITE OAK AV - SB	10,164	10,783	6%	PASS	2,680	2,299	-14%	PASS	2,390	2,265	-5%	PASS
101452	SHERMAN WY / WHITE OAK AV - NB	14,332	10,726	-25%	PASS	2,011	1,752	-13%	PASS	4,822	2,373	-51%	FAIL
101538	BALBOA BL / SHERMAN WY - WB	21,516	20,285	-6%	PASS	4,121	3,609	-12%	PASS	5,840	5,179	-11%	PASS
101541	BALBOA BL / SHERMAN WY - EB	20,982	18,758	-11%	PASS	4,480	3,682	-18%	PASS	5,884	4,971	-16%	PASS
101546	BALBOA BL / SHERMAN WY - SB	19,448	16,454	-15%	PASS	4,909	4,194	-15%	PASS	4,387	3,103	-29%	PASS
101549	BALBOA BL / SHERMAN WY - NB	15,502	16,179	4%	PASS	2,290	2,293	0%	PASS	4,608	5,473	19%	PASS
101572	HAYVENHURST AV / SATICOY ST - EB	10,017	10,115	1%	PASS	2,722	2,068	-24%	PASS	2,521	2,717	8%	PASS
101575	HAYVENHURST AV / SHERMAN WY - WB	29,432	36,115	23%	PASS	6,224	7,231	16%	PASS	7,999	9,009	13%	PASS
101577	HAYVENHURST AV / SHERMAN WY - EB	21,902	21,569	-2%	PASS	4,550	4,019	-12%	PASS	5,607	5,170	-8%	PASS
101585	HAYVENHURST AV / VANOWEN ST - WB	7,705	7,395	-4%	PASS	1,821	1,861	2%	PASS	2,386	1,713	-28%	PASS
101588	HAYVENHURST AV / VANOWEN ST - EB	15,062	11,884	-21%	PASS	3,490	2,501	-28%	PASS	4,135	3,391	-18%	PASS
101652	SHERMAN WY / TOPANGA CANYON BL - WB	9,296	9,000	-3%	PASS	1,598	1,636	2%	PASS	2,424	2,028	-16%	PASS
101654	SHERMAN WY / TOPANGA CANYON BL - NB	23,877	27,666	16%	PASS	3,536	3,911	11%	PASS	7,277	6,130	-16%	PASS
101660	SHERMAN WY / TOPANGA CANYON BL - EB	12,314	10,195	-17%	PASS	2,045	1,759	-14%	PASS	3,342	2,490	-26%	PASS
101664	SHERMAN WY / TOPANGA CANYON BL - SB	25,142	23,543	-6%	PASS	5,528	4,008	-27%	PASS	5,934	4,762	-20%	PASS
101730	DE SOTO AV / ROSCOE BL - NB	18,231	18,525	2%	PASS	3,198	2,837	-11%	PASS	5,251	5,594	7%	PASS
101731	DE SOTO AV / ROSCOE BL - EB	19,586	18,430	-6%	PASS	3,619	3,575	-1%	PASS	5,832	4,416	-24%	PASS
101740	DE SOTO AV / ROSCOE BL - WB	14,845	14,550	-2%	PASS	2,976	2,452	-18%	PASS	3,787	3,848	2%	PASS
101757	DE SOTO AV / SHERMAN WY - WB	15,707	16,712	6%	PASS	3,161	3,318	5%	PASS	4,040	3,887	-4%	PASS
101762	DE SOTO AV / SHERMAN WY - NB	11,894	14,409	21%	PASS	1,661	1,801	8%	PASS	3,941	4,828	23%	PASS
101768	DE SOTO AV / SHERMAN WY - EB	18,584	14,175	-24%	PASS	2,710	2,589	-4%	PASS	5,485	4,022	-27%	PASS
101771	DE SOTO AV / SHERMAN WY - SB	16,938	17,676	4%	PASS	3,220	4,444	38%	FAIL	4,561	3,331	-27%	PASS

STATIC HIGHWAY VEHICLE VOLUME VALIDATION

ID	LOCATION	DAILY				AM PERIOD (6-9AM)				PM PERIOD (3-7PM)			
		COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST
101844	ROSCOE BL / WINNETKA AV - WB	15,045	18,650	24%	PASS	3,022	3,059	1%	PASS	3,953	5,414	37%	FAIL
101845	ROSCOE BL / WINNETKA AV - NB	15,831	18,150	15%	PASS	3,158	3,408	8%	PASS	4,346	3,670	-16%	PASS
101848	ROSCOE BL / WINNETKA AV - EB	15,990	13,970	-13%	PASS	2,787	3,034	9%	PASS	4,551	3,195	-30%	PASS
101853	ROSCOE BL / WINNETKA AV - SB	14,789	14,882	1%	PASS	3,139	2,445	-22%	PASS	4,361	3,625	-17%	PASS
101871	SHERMAN WY / WINNETKA AV - WB	15,447	14,009	-9%	PASS	3,240	3,073	-5%	PASS	3,904	3,396	-13%	PASS
101875	SHERMAN WY / WINNETKA AV - EB	16,397	13,907	-15%	PASS	2,719	2,701	-1%	PASS	4,709	3,898	-17%	PASS
101881	SHERMAN WY / WINNETKA AV - NB	17,888	21,946	23%	PASS	2,539	3,269	29%	PASS	5,474	5,171	-6%	PASS
101883	SHERMAN WY / WINNETKA AV - SB	17,410	21,230	22%	PASS	3,510	4,045	15%	PASS	4,636	4,484	-3%	PASS
101971	ROSCOE BL / TAMPA AV - WB	16,059	19,794	23%	PASS	3,386	3,349	-1%	PASS	4,263	5,493	29%	PASS
101974	ROSCOE BL / TAMPA AV - NB	16,173	22,196	37%	FAIL	3,227	3,369	4%	PASS	4,208	6,258	49%	FAIL
101975	ROSCOE BL / TAMPA AV - EB	16,357	14,180	-13%	PASS	2,792	2,914	4%	PASS	4,525	3,797	-16%	PASS
101979	ROSCOE BL / TAMPA AV - SB	18,820	18,500	-2%	PASS	3,361	3,162	-6%	PASS	4,891	3,953	-19%	PASS
101999	SHERMAN WY / TAMPA AV - WB	17,250	12,681	-26%	PASS	3,450	2,795	-19%	PASS	4,593	3,320	-28%	PASS
102004	SHERMAN WY / TAMPA AV - EB	16,392	14,207	-13%	PASS	2,976	2,745	-8%	PASS	4,678	3,779	-19%	PASS
102007	SHERMAN WY / TAMPA AV - NB	17,099	18,956	11%	PASS	2,697	2,853	6%	PASS	4,773	5,508	15%	PASS
102010	SHERMAN WY / TAMPA AV - SB	15,894	16,369	3%	PASS	3,605	3,047	-15%	PASS	3,766	3,504	-7%	PASS
102057	PARTHENIA ST / TOPANGA CANYON BL - WB	5,179	4,735	-9%	PASS	1,291	739	-43%	PASS	1,300	1,027	-21%	PASS
110491	CENTRAL AV / CENTURY BL - EB	9,420	5,404	-43%	FAIL	1,355	946	-30%	PASS	3,242	1,358	-58%	FAIL
110493	CENTRAL AV / CENTURY BL - SB	14,314	16,104	13%	PASS	2,451	2,967	21%	PASS	4,163	4,546	9%	PASS
110495	CENTRAL AV / CENTURY BL - WB	5,719	7,226	26%	PASS	1,147	1,472	28%	PASS	1,463	1,641	12%	PASS
110496	CENTRAL AV / CENTURY BL - NB	19,476	16,927	-13%	PASS	3,701	3,539	-4%	PASS	4,998	4,147	-17%	PASS
110567	CENTURY BL / COMPTON AV - WB	5,017	3,173	-37%	PASS	1,094	648	-41%	PASS	1,341	639	-52%	PASS
110568	CENTURY BL / COMPTON AV - NB	6,970	5,765	-17%	PASS	1,214	1,055	-13%	PASS	2,108	1,386	-34%	PASS
110571	CENTURY BL / COMPTON AV - EB	6,750	8,235	22%	PASS	941	1,405	49%	PASS	2,406	2,157	-10%	PASS
110572	CENTURY BL / COMPTON AV - SB	5,833	7,151	23%	PASS	1,051	1,488	42%	PASS	1,683	1,667	-1%	PASS
110613	54TH ST / WESTERN AV - NB	17,591	14,525	-17%	PASS	3,693	3,020	-18%	PASS	3,956	3,931	-1%	PASS
110616	54TH ST / WESTERN AV - SB	16,015	12,259	-23%	PASS	2,553	2,512	-2%	PASS	4,526	3,611	-20%	PASS
110618	SLAUSON AV / WESTERN AV - WB	17,174	18,329	7%	PASS	3,074	3,633	18%	PASS	3,942	4,567	16%	PASS
110621	SLAUSON AV / WESTERN AV - EB	21,905	19,013	-13%	PASS	3,218	2,904	-10%	PASS	5,673	4,732	-17%	PASS
110623	SLAUSON AV / WESTERN AV - SB	17,456	12,528	-28%	PASS	2,678	2,493	-7%	PASS	4,549	3,551	-22%	PASS
110626	SLAUSON AV / WESTERN AV - NB	19,813	19,787	0%	PASS	4,318	4,457	3%	PASS	4,515	5,242	16%	PASS
110636	GAGE AV / WESTERN AV - WB	6,694	9,209	38%	PASS	1,674	1,566	-6%	PASS	1,708	1,954	14%	PASS
110639	GAGE AV / WESTERN AV - EB	5,537	5,395	-3%	PASS	883	817	-7%	PASS	2,033	1,056	-48%	FAIL
110660	MANCHESTER AV / WESTERN AV - NB	15,385	17,593	14%	PASS	3,014	3,381	12%	PASS	4,013	4,504	12%	PASS
110665	MANCHESTER AV / WESTERN AV - WB	19,787	17,114	-14%	PASS	4,173	3,814	-9%	PASS	4,443	4,095	-8%	PASS
110667	MANCHESTER AV / WESTERN AV - EB	18,095	13,348	-26%	PASS	2,537	2,201	-13%	PASS	5,233	3,826	-27%	PASS
110668	MANCHESTER AV / WESTERN AV - SB	15,748	15,736	0%	PASS	2,576	2,933	14%	PASS	4,383	3,970	-9%	PASS
110690	54TH ST / CRENSHAW BL - NB	17,052	12,894	-24%	PASS	4,152	2,830	-32%	FAIL	4,172	2,934	-30%	PASS
110694	54TH ST / CRENSHAW BL - SB	17,020	14,849	-13%	PASS	2,536	2,189	-14%	PASS	5,355	4,288	-20%	PASS
110759	54TH ST / HOOVER ST - NB	9,476	12,397	31%	PASS	3,277	2,972	-9%	PASS	2,182	3,404	56%	FAIL
110762	54TH ST / HOOVER ST - SB	8,377	8,229	-2%	PASS	1,318	1,636	24%	PASS	3,444	2,898	-16%	PASS
110851	CRENSHAW BL / SLAUSON AV - WB	15,145	14,249	-6%	PASS	3,303	3,345	1%	PASS	3,271	3,347	2%	PASS
110855	CRENSHAW BL / SLAUSON AV - NB	15,740	16,386	4%	PASS	3,783	3,792	0%	PASS	3,828	3,839	0%	PASS
110858	CRENSHAW BL / SLAUSON AV - EB	15,895	14,467	-9%	PASS	2,157	2,532	17%	PASS	4,333	4,903	13%	PASS

STATIC HIGHWAY VEHICLE VOLUME VALIDATION

ID	LOCATION	DAILY				AM PERIOD (6-9AM)				PM PERIOD (3-7PM)			
		COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST
110863	CRENSHAW BL / SLAUSON AV - SB	16,892	13,250	-22%	PASS	2,544	1,955	-23%	PASS	5,162	3,980	-23%	PASS
110882	SEPULVEDA BL / WESTERN AV - WB	32,918	26,845	-18%	PASS	6,797	5,810	-15%	PASS	8,241	5,239	-36%	FAIL
110886	SEPULVEDA BL / WESTERN AV - NB	19,185	15,510	-19%	PASS	4,014	3,400	-15%	PASS	5,159	2,987	-42%	FAIL
110889	SEPULVEDA BL / WESTERN AV - EB	32,439	29,338	-10%	PASS	5,808	4,172	-28%	FAIL	9,491	7,559	-20%	PASS
110914	54TH ST ARLINGTON AV / VAN NESS AV - SB	9,110	11,717	29%	PASS	1,502	1,971	31%	PASS	2,930	2,906	-1%	PASS
110916	54TH ST ARLINGTON AV / VAN NESS AV - NB	10,093	12,389	23%	PASS	2,291	2,578	13%	PASS	2,552	2,658	4%	PASS
110963	FLORENCE AV / WESTERN AV - WB	20,626	17,945	-13%	PASS	4,197	4,180	0%	PASS	4,353	4,533	4%	PASS
110965	FLORENCE AV / WESTERN AV - NB	18,739	14,842	-21%	PASS	3,725	2,827	-24%	PASS	4,531	3,680	-19%	PASS
110973	FLORENCE AV / WESTERN AV - EB	20,509	14,065	-31%	FAIL	2,987	2,656	-11%	PASS	5,788	4,157	-28%	PASS
110974	FLORENCE AV / WESTERN AV - SB	18,043	19,208	6%	PASS	2,864	3,522	23%	PASS	5,019	5,220	4%	PASS
110976	SEPULVEDA BL / WESTERN AV - SB	16,062	19,129	19%	PASS	2,462	2,404	-2%	PASS	4,994	4,959	-1%	PASS
110993	CARSON ST / WESTERN AV - WB	17,083	20,068	17%	PASS	3,496	3,594	3%	PASS	3,974	4,210	6%	PASS
110994	CARSON ST / WESTERN AV - NB	19,597	19,180	-2%	PASS	4,390	4,141	-6%	PASS	4,687	3,825	-18%	PASS
110997	CARSON ST / WESTERN AV - EB	15,642	11,648	-26%	PASS	2,360	1,944	-18%	PASS	4,500	2,980	-34%	FAIL
111051	CARSON ST / WESTERN AV - SB	16,927	20,356	20%	PASS	2,187	2,732	25%	PASS	5,766	5,979	4%	PASS
111105	FLORENCE AV / VERMONT AV - WB	24,128	22,687	-6%	PASS	5,021	4,654	-7%	PASS	5,810	5,924	2%	PASS
111107	FLORENCE AV / VERMONT AV - NB	16,039	14,503	-10%	PASS	4,280	3,772	-12%	PASS	3,749	3,836	2%	PASS
111114	FLORENCE AV / VERMONT AV - EB	23,394	17,598	-25%	PASS	3,773	3,657	-3%	PASS	6,871	4,933	-28%	FAIL
111116	FLORENCE AV / VERMONT AV - SB	12,217	13,153	8%	PASS	2,014	2,393	19%	PASS	3,856	4,457	16%	PASS
111121	CENTURY BL / WESTERN AV - WB	15,132	11,162	-26%	PASS	3,312	2,392	-28%	PASS	3,576	2,700	-24%	PASS
111123	CENTURY BL / WESTERN AV - NB	15,635	18,204	16%	PASS	3,171	3,641	15%	PASS	4,647	4,648	0%	PASS
111125	CENTURY BL / WESTERN AV - EB	14,325	10,838	-24%	PASS	1,733	1,874	8%	PASS	4,237	2,995	-29%	PASS
111126	CENTURY BL / WESTERN AV - SB	15,119	15,460	2%	PASS	2,616	2,830	8%	PASS	4,494	4,134	-8%	PASS
111158	CARSON ST / NORMANDIE AV - WB	19,764	21,557	9%	PASS	3,770	3,503	-7%	PASS	4,969	4,863	-2%	PASS
111163	CARSON ST / NORMANDIE AV - EB	19,325	15,864	-18%	PASS	3,141	2,465	-22%	PASS	5,454	3,930	-28%	PASS
111172	NORMANDIE AV / TORRANCE BL - WB	17,166	19,108	11%	PASS	4,352	3,390	-22%	PASS	3,930	4,664	19%	PASS
111178	NORMANDIE AV / TORRANCE BL - EB	17,301	22,409	30%	FAIL	2,963	4,351	47%	FAIL	5,712	5,484	-4%	PASS
111197	190TH ST / WESTERN AV - WB	18,580	13,294	-28%	PASS	4,859	2,755	-43%	FAIL	4,856	3,759	-23%	PASS
111229	CRENSHAW BL / FLORENCE AV - WB	17,290	16,153	-7%	PASS	3,106	3,701	19%	PASS	3,730	3,813	2%	PASS
111232	CRENSHAW BL / FLORENCE AV - NB	16,561	17,972	9%	PASS	3,808	4,117	8%	PASS	4,140	4,166	1%	PASS
111234	CRENSHAW BL / FLORENCE AV - EB	17,847	16,842	-6%	PASS	2,506	2,964	18%	PASS	4,879	5,121	5%	PASS
111238	CRENSHAW BL / FLORENCE AV - SB	14,724	12,546	-15%	PASS	2,197	1,922	-13%	PASS	4,487	4,040	-10%	PASS
111251	190TH ST / WESTERN AV - NB	20,655	22,888	11%	PASS	3,413	3,984	17%	PASS	5,897	5,713	-3%	PASS
111255	190TH ST / WESTERN AV - EB	24,499	26,186	7%	PASS	4,394	4,449	1%	PASS	8,040	6,382	-21%	PASS
111260	190TH ST / WESTERN AV - SB	26,472	23,932	-10%	PASS	5,528	4,537	-18%	PASS	6,302	5,142	-18%	PASS
111295	190TH ST / NORMANDIE AV - WB	16,263	14,508	-11%	PASS	3,893	2,939	-25%	PASS	4,468	4,362	-2%	PASS
111334	MANCHESTER AV / VERMONT AV - WB	21,436	19,498	-9%	PASS	4,211	3,878	-8%	PASS	4,674	4,678	0%	PASS
111340	MANCHESTER AV / VERMONT AV - NB	15,050	14,515	-4%	PASS	3,704	3,821	3%	PASS	4,091	4,114	1%	PASS
111341	MANCHESTER AV / VERMONT AV - EB	20,931	17,619	-16%	PASS	3,360	3,102	-8%	PASS	5,680	4,453	-22%	PASS
111344	MANCHESTER AV / VERMONT AV - SB	16,291	13,722	-16%	PASS	2,579	2,386	-7%	PASS	4,898	4,383	-11%	PASS
111351	190TH ST / NORMANDIE AV - EB	23,120	22,097	-4%	PASS	3,262	4,030	24%	PASS	8,402	5,672	-32%	FAIL
111426	FIGUEROA ST / MANCHESTER AV - WB	30,509	28,170	-8%	PASS	6,831	5,623	-18%	PASS	6,258	6,852	9%	PASS
111427	FIGUEROA ST / MANCHESTER AV - NB	16,113	15,491	-4%	PASS	3,456	3,901	13%	PASS	3,744	3,484	-7%	PASS
111431	FIGUEROA ST / MANCHESTER AV - EB	25,903	22,838	-12%	PASS	4,259	3,881	-9%	PASS	7,080	5,601	-21%	PASS

STATIC HIGHWAY VEHICLE VOLUME VALIDATION

ID	LOCATION	DAILY				AM PERIOD (6-9AM)				PM PERIOD (3-7PM)			
		COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST
111436	FIGUEROA ST / MANCHESTER AV - SB	17,178	18,326	7%	PASS	2,416	2,993	24%	PASS	5,246	6,410	22%	PASS
111455	190TH ST / VERMONT AV - WB	21,161	19,047	-10%	PASS	5,833	3,281	-44%	FAIL	5,570	4,908	-12%	PASS
111456	190TH ST / VERMONT AV - NB	11,140	14,446	30%	PASS	2,243	2,408	7%	PASS	3,174	3,964	25%	PASS
111460	190TH ST / VERMONT AV - EB	21,631	27,695	28%	FAIL	3,771	5,152	37%	FAIL	7,317	6,211	-15%	PASS
111465	190TH ST / VERMONT AV - SB	11,430	8,952	-22%	PASS	2,650	2,098	-21%	PASS	3,482	2,830	-19%	PASS
111579	182ND ST ALBERTONI ST / FIGUEROA ST - WB	5,864	5,789	-1%	PASS	1,800	909	-49%	FAIL	1,350	1,452	8%	PASS
111583	182ND ST ALBERTONI ST / FIGUEROA ST - EB	7,313	2,667	-64%	FAIL	1,189	488	-59%	FAIL	3,064	627	-80%	FAIL
111587	FIGUEROA ST / GARDENA BL - WB	3,309	1,800	-46%	PASS	800	184	-77%	FAIL	897	529	-41%	PASS
111591	FIGUEROA ST / GARDENA BL - EB	3,471	4,510	30%	PASS	619	860	39%	PASS	1,158	984	-15%	PASS
111596	ALONDRA BL / FIGUEROA ST - WB	6,001	4,273	-29%	PASS	1,592	708	-56%	FAIL	1,467	890	-39%	PASS
111598	ALONDRA BL / FIGUEROA ST - NB	8,467	9,227	9%	PASS	1,791	1,438	-20%	PASS	2,604	2,684	3%	PASS
111609	54TH ST / VERMONT AV - NB	13,158	12,603	-4%	PASS	3,280	3,410	4%	PASS	3,279	3,232	-1%	PASS
111612	54TH ST / VERMONT AV - SB	11,595	10,497	-9%	PASS	1,755	1,691	-4%	PASS	3,638	3,719	2%	PASS
111619	SLAUSON AV / VERMONT AV - WB	15,530	12,916	-17%	PASS	2,670	2,364	-11%	PASS	3,583	2,703	-25%	PASS
111621	SLAUSON AV / VERMONT AV - NB	12,156	9,086	-25%	PASS	2,918	2,603	-11%	PASS	3,007	2,558	-15%	PASS
111623	SLAUSON AV / VERMONT AV - EB	18,303	13,628	-26%	PASS	2,981	2,559	-14%	PASS	4,573	3,104	-32%	FAIL
111627	SLAUSON AV / VERMONT AV - SB	10,589	11,466	8%	PASS	1,637	2,004	22%	PASS	3,066	4,020	31%	PASS
111701	ALONDRA BL / FIGUEROA ST - EB	4,660	3,180	-32%	PASS	923	597	-35%	PASS	1,497	747	-50%	PASS
111703	ALONDRA BL / FIGUEROA ST - SB	9,069	6,979	-23%	PASS	2,000	1,351	-32%	PASS	2,799	1,587	-43%	FAIL
111720	FIGUEROA ST / REDONDO BEACH BL - WB	6,531	10,097	55%	FAIL	1,379	1,800	30%	PASS	1,487	2,680	80%	FAIL
111721	FIGUEROA ST / REDONDO BEACH BL - NB	10,349	8,003	-23%	PASS	2,166	1,264	-42%	FAIL	2,763	2,035	-26%	PASS
111726	FIGUEROA ST / REDONDO BEACH BL - EB	21,390	18,383	-14%	PASS	4,021	3,656	-9%	PASS	4,963	4,114	-17%	PASS
111728	FIGUEROA ST / REDONDO BEACH BL - SB	7,391	7,668	4%	PASS	1,469	1,352	-8%	PASS	2,388	2,082	-13%	PASS
111744	FIGUEROA ST / ROSECRANS AV - WB	15,947	18,367	15%	PASS	3,291	3,475	6%	PASS	3,635	4,269	17%	PASS
111745	FIGUEROA ST / ROSECRANS AV - NB	9,661	6,707	-31%	PASS	1,989	1,403	-29%	PASS	2,668	1,826	-32%	PASS
111801	FIGUEROA ST / ROSECRANS AV - EB	20,197	16,022	-21%	PASS	3,373	2,963	-12%	PASS	5,592	3,623	-35%	FAIL
111803	FIGUEROA ST / ROSECRANS AV - SB	8,216	7,761	-6%	PASS	1,659	1,283	-23%	PASS	2,666	2,410	-10%	PASS
111819	CENTRAL AV / IMPERIAL HWY - WB	13,683	14,874	9%	PASS	3,490	3,267	-6%	PASS	3,012	3,635	21%	PASS
111823	CENTRAL AV / IMPERIAL HWY - NB	20,943	24,909	19%	PASS	3,568	4,324	21%	PASS	4,772	5,739	20%	PASS
111828	CENTRAL AV / IMPERIAL HWY - EB	14,205	13,144	-7%	PASS	2,034	2,546	25%	PASS	4,681	3,696	-21%	PASS
111829	CENTRAL AV / IMPERIAL HWY - SB	16,423	18,711	14%	PASS	2,711	3,322	23%	PASS	4,359	4,553	4%	PASS
111895	92ND ST / FIGUEROA ST - WB	3,097	3,621	17%	PASS	678	640	-6%	PASS	879	714	-19%	PASS
111896	108TH ST / FIGUEROA ST - WB	2,618	4,212	61%	FAIL	675	802	19%	PASS	745	991	33%	PASS
111900	108TH ST / FIGUEROA ST - EB	2,553	4,281	68%	FAIL	499	834	67%	FAIL	873	873	0%	PASS
111905	BROADWAY / CENTURY BL - WB	6,332	8,211	30%	PASS	1,386	1,587	15%	PASS	1,651	1,609	-3%	PASS
111906	BROADWAY / CENTURY BL - NB	10,570	9,715	-8%	PASS	2,552	2,221	-13%	PASS	2,992	2,430	-19%	PASS
111910	BROADWAY / CENTURY BL - EB	11,335	16,229	43%	FAIL	1,705	2,364	39%	PASS	3,654	4,038	11%	PASS
111916	BROADWAY / CENTURY BL - SB	8,924	9,290	4%	PASS	1,536	1,844	20%	PASS	2,915	2,926	0%	PASS
111929	CENTURY BL / VERMONT AV - WB	16,786	13,414	-20%	PASS	3,200	2,675	-16%	PASS	3,960	3,349	-15%	PASS
111933	CENTURY BL / VERMONT AV - NB	15,484	13,362	-14%	PASS	3,337	3,189	-4%	PASS	4,312	3,818	-11%	PASS
111936	CENTURY BL / VERMONT AV - EB	13,535	11,302	-16%	PASS	1,939	2,271	17%	PASS	4,254	2,908	-32%	FAIL
111939	CENTURY BL / VERMONT AV - SB	13,899	14,820	7%	PASS	2,379	2,982	25%	PASS	4,192	4,838	15%	PASS
112088	CENTURY BL / FIGUEROA ST - WB	10,897	11,514	6%	PASS	2,482	2,271	-9%	PASS	2,638	1,924	-27%	PASS
112089	CENTURY BL / FIGUEROA ST - NB	14,217	13,845	-3%	PASS	2,915	2,939	1%	PASS	3,551	3,304	-7%	PASS

STATIC HIGHWAY VEHICLE VOLUME VALIDATION

ID	LOCATION	DAILY				AM PERIOD (6-9AM)				PM PERIOD (3-7PM)			
		COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST
112094	CENTURY BL / FIGUEROA ST - EB	17,868	13,495	-24%	PASS	2,648	2,643	0%	PASS	5,753	3,429	-40%	FAIL
112098	CENTURY BL / FIGUEROA ST - SB	13,798	10,333	-25%	PASS	2,123	1,782	-16%	PASS	4,006	4,120	3%	PASS
112244	IMPERIAL HWY / VERMONT AV - NB	26,383	24,813	-6%	PASS	4,953	4,801	-3%	PASS	7,000	6,366	-9%	PASS
112248	IMPERIAL HWY / VERMONT AV - EB	14,895	14,668	-2%	PASS	2,112	2,845	35%	PASS	4,568	4,241	-7%	PASS
112254	IMPERIAL HWY / VERMONT AV - SB	17,627	14,137	-20%	PASS	3,469	3,125	-10%	PASS	4,518	3,992	-12%	PASS
112255	IMPERIAL HWY / VERMONT AV - WB	20,119	15,894	-21%	PASS	4,589	3,281	-29%	FAIL	4,549	4,029	-11%	PASS
112267	FIGUEROA ST / IMPERIAL HWY - WB	21,552	25,149	17%	PASS	5,419	4,949	-9%	PASS	4,851	6,537	35%	FAIL
112270	FIGUEROA ST / IMPERIAL HWY - NB	7,172	4,329	-40%	PASS	1,365	888	-35%	PASS	2,032	1,052	-48%	FAIL
112273	FIGUEROA ST / IMPERIAL HWY - EB	22,010	13,236	-40%	FAIL	3,016	2,555	-15%	PASS	7,460	3,439	-54%	FAIL
112279	FIGUEROA ST / IMPERIAL HWY - SB	13,684	10,036	-27%	PASS	2,346	1,927	-18%	PASS	3,645	2,845	-22%	PASS
112280	BROADWAY / IMPERIAL HWY - WB	15,255	13,509	-11%	PASS	3,605	2,814	-22%	PASS	3,460	3,139	-9%	PASS
112285	BROADWAY / IMPERIAL HWY - NB	6,019	5,524	-8%	PASS	1,259	1,135	-10%	PASS	1,880	1,512	-20%	PASS
112286	BROADWAY / IMPERIAL HWY - EB	18,975	24,007	27%	PASS	2,512	4,439	77%	FAIL	6,646	6,109	-8%	PASS
112290	BROADWAY / IMPERIAL HWY - SB	6,026	2,225	-63%	FAIL	1,072	448	-58%	FAIL	2,071	825	-60%	FAIL
112363	120TH ST / FIGUEROA ST - WB	4,964	2,661	-46%	PASS	1,514	379	-75%	FAIL	1,244	425	-66%	FAIL
112368	120TH ST / FIGUEROA ST - EB	3,012	1,996	-34%	PASS	648	307	-53%	PASS	918	424	-54%	PASS
112402	EL SEGUNDO BL / FIGUEROA ST - WB	13,622	13,126	-4%	PASS	3,213	2,456	-24%	PASS	2,961	2,981	1%	PASS
112407	EL SEGUNDO BL / FIGUEROA ST - NB	9,450	7,905	-16%	PASS	1,714	1,178	-31%	PASS	2,843	2,507	-12%	PASS
112408	EL SEGUNDO BL / FIGUEROA ST - EB	20,934	16,192	-23%	PASS	3,272	3,077	-6%	PASS	6,626	3,702	-44%	FAIL
112414	EL SEGUNDO BL / FIGUEROA ST - SB	7,935	4,764	-40%	PASS	1,645	988	-40%	PASS	2,431	1,369	-44%	FAIL
120143	North Venice Bl, Ocean Av / Venice Wy - SB	6,359	10,197	60%	FAIL	488	2,370	386%	FAIL	2,740	2,383	-13%	PASS
120154	Abbot Kinney Bl / Venice Bl - NB	9,624	6,992	-27%	PASS	2,322	1,068	-54%	FAIL	2,146	1,969	-8%	PASS
120158	Abbot Kinney Bl / Venice Bl - SB	9,551	12,379	30%	PASS	1,056	2,432	130%	FAIL	3,024	2,729	-10%	PASS
120223	VENICE BL / WALGROVE AV - NB	6,386	9,176	44%	PASS	1,491	1,964	32%	PASS	1,676	2,053	22%	PASS
120227	VENICE BL / WALGROVE AV - SB	7,659	9,916	29%	PASS	993	1,621	63%	FAIL	2,390	2,624	10%	PASS
120237	BEETHOVEN ST / VENICE BL - NB	4,139	2,365	-43%	PASS	1,179	706	-40%	PASS	966	342	-65%	FAIL
120241	BEETHOVEN ST / VENICE BL - SB	4,666	1,072	-77%	FAIL	594	55	-91%	FAIL	1,975	535	-73%	FAIL
120247	CENTINELA AV / CULVER BL - NB	13,137	14,646	11%	PASS	2,827	2,543	-10%	PASS	3,679	5,332	45%	FAIL
120324	Centinela Av / Culver Bl - WB	13,582	14,582	7%	PASS	2,278	2,304	1%	PASS	4,705	4,034	-14%	PASS
120328	CENTINELA AV / CULVER BL - EB	14,145	12,892	-9%	PASS	4,290	2,656	-38%	FAIL	3,655	2,897	-21%	PASS
120330	Centinela Av / Culver Bl - SB	20,350	12,310	-40%	FAIL	3,280	2,945	-10%	PASS	6,569	2,968	-55%	FAIL
120332	Culver Bl / Inglewood Bl - WB	14,407	11,664	-19%	PASS	2,173	1,887	-13%	PASS	5,116	2,806	-45%	FAIL
120333	Culver Bl / Inglewood Bl - NB	11,097	7,961	-28%	PASS	3,197	1,059	-67%	FAIL	2,774	2,892	4%	PASS
120335	Culver Bl / Inglewood Bl - EB	12,727	16,352	28%	PASS	3,354	3,444	3%	PASS	3,447	3,617	5%	PASS
120338	CULVER BL / INGLEWOOD BL - SB	11,154	14,772	32%	PASS	1,848	3,989	116%	FAIL	4,733	3,407	-28%	PASS
120412	JEFFERSON BL / LINCOLN BL - WB	16,771	10,133	-40%	FAIL	2,763	1,389	-50%	FAIL	5,305	2,952	-44%	FAIL
120430	Centinela Av, Inglewood Bl / Jefferson Bl - NB	16,617	11,961	-28%	PASS	3,278	2,568	-22%	PASS	3,379	2,363	-30%	PASS
120432	CENTINELA AV INGLEWOOD BL / JEFFERSON BL - NB	13,270	6,933	-48%	FAIL	2,897	1,024	-65%	FAIL	3,270	2,315	-29%	PASS
120435	Centinela Av, Inglewood Bl / Jefferson Bl - EB	14,288	10,232	-28%	PASS	2,136	1,420	-34%	PASS	3,848	2,507	-35%	FAIL
120437	CENTINELA AV INGLEWOOD BL / JEFFERSON BL - SB	9,298	9,754	5%	PASS	1,373	1,540	12%	PASS	4,198	3,148	-25%	PASS
120620	Jefferson Bl / Lincoln Bl - NB	26,305	36,427	38%	FAIL	7,317	8,013	10%	PASS	6,019	8,800	46%	FAIL
120626	JEFFERSON BL / LINCOLN BL - SB	25,484	29,019	14%	PASS	3,670	4,835	32%	FAIL	8,217	8,654	5%	PASS
120644	LINCOLN BL / MINDANAO WY - NB	26,722	26,636	0%	PASS	5,832	4,298	-26%	PASS	6,308	8,352	32%	FAIL
120647	LINCOLN BL / MINDANAO WY - EB	21,766	20,969	-4%	PASS	3,117	3,756	21%	PASS	6,588	6,241	-5%	PASS

STATIC HIGHWAY VEHICLE VOLUME VALIDATION

ID	LOCATION	DAILY				AM PERIOD (6-9AM)				PM PERIOD (3-7PM)			
		COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST
120652	LINCOLN BL / MINDANAO WY - WB	15,387	10,853	-29%	PASS	2,622	1,831	-30%	PASS	4,229	2,475	-41%	FAIL
120665	LINCOLN BL / MINDANAO WY - EB	10,066	9,181	-9%	PASS	1,462	1,049	-28%	PASS	2,662	2,445	-8%	PASS
120696	LINCOLN BL / VENICE BL - NB	29,306	19,375	-34%	FAIL	5,233	3,265	-38%	FAIL	7,010	5,415	-23%	PASS
120701	LINCOLN BL / VENICE BL - EB	12,208	9,199	-25%	PASS	1,808	1,720	-5%	PASS	3,900	2,236	-43%	FAIL
120703	LINCOLN BL / VENICE BL - SB	20,123	16,521	-18%	PASS	3,546	3,938	11%	PASS	3,918	3,866	-1%	PASS
120738	LINCOLN BL / VENICE BL - WB	5,685	9,648	70%	FAIL	942	1,708	81%	FAIL	1,579	2,470	56%	FAIL
120843	LINCOLN BL / WASHINGTON BL - NB	29,477	23,704	-20%	PASS	5,776	5,359	-7%	PASS	6,657	5,650	-15%	PASS
120844	LINCOLN BL / WASHINGTON BL - EB	18,777	17,828	-5%	PASS	3,149	3,347	6%	PASS	4,303	4,308	0%	PASS
120848	LINCOLN BL / WASHINGTON BL - SB	21,543	18,880	-12%	PASS	3,389	4,248	25%	PASS	6,046	4,481	-26%	PASS
120855	LINCOLN BL / WASHINGTON BL - WB	14,747	14,815	0%	PASS	2,325	2,302	-1%	PASS	3,925	3,749	-4%	PASS
120860	JEFFERSON BL / LINCOLN BL - EB	5,772	2,604	-55%	FAIL	1,562	1,178	-25%	PASS	1,254	527	-58%	FAIL
121009	PALISADES DR / SUNSET BL - WB	8,232	4,820	-41%	PASS	1,371	678	-51%	FAIL	3,234	1,537	-52%	FAIL
121013	PALISADES DR / SUNSET BL - EB	8,427	5,834	-31%	PASS	1,808	809	-55%	FAIL	1,843	1,540	-16%	PASS
121016	PALISADES DR / SUNSET BL - SB	7,063	4,029	-43%	PASS	1,997	1,003	-50%	FAIL	1,477	669	-55%	FAIL
121059	SUNSET BL / TEMESCAL CANYON RD - WB	16,303	14,091	-14%	PASS	2,475	2,156	-13%	PASS	6,063	3,510	-42%	FAIL
121063	SUNSET BL / TEMESCAL CANYON RD - NB	8,588	6,023	-30%	PASS	2,011	1,136	-43%	FAIL	1,973	1,387	-30%	PASS
121066	SUNSET BL / TEMESCAL CANYON RD - EB	12,956	13,720	6%	PASS	3,019	2,706	-10%	PASS	3,052	2,843	-7%	PASS
130108	9TH ST FIGUEROA ST / JAMES M WOOD BL - NB	25,063	20,831	-17%	PASS	5,682	4,983	-12%	PASS	6,462	5,764	-11%	PASS
130112	9TH ST FIGUEROA ST / JAMES M WOOD BL - EB	27,830	19,194	-31%	FAIL	5,454	3,728	-32%	FAIL	6,089	4,914	-19%	PASS
130133	9TH ST / GRAND AV - EB	14,911	15,064	1%	PASS	2,845	3,073	8%	PASS	3,773	4,099	9%	PASS
130135	9TH ST / GRAND AV - SB	9,741	10,555	8%	PASS	1,547	2,215	43%	PASS	3,373	3,357	0%	PASS
130144	Alvarado St / Olympic Bl - WB	16,192	14,460	-11%	PASS	3,034	2,776	-9%	PASS	4,167	4,273	3%	PASS
130148	Alvarado St / Olympic Bl - EB	21,864	15,924	-27%	PASS	3,832	3,329	-13%	PASS	5,851	4,673	-20%	PASS
130151	ALVARADO ST / OLYMPIC BL - SB	14,913	17,998	21%	PASS	2,870	4,260	48%	FAIL	4,220	4,634	10%	PASS
130181	FIGUEROA ST / OLYMPIC BL - WB	18,345	10,407	-43%	FAIL	2,774	1,981	-29%	PASS	5,378	3,361	-38%	FAIL
130186	FIGUEROA ST / OLYMPIC BL - NB	21,275	18,790	-12%	PASS	4,838	4,697	-3%	PASS	5,660	5,245	-7%	PASS
130189	FIGUEROA ST / OLYMPIC BL - EB	16,165	9,378	-42%	FAIL	2,992	2,333	-22%	PASS	4,411	2,782	-37%	FAIL
130206	GRAND AV / OLYMPIC BL - WB	5,022	6,325	26%	PASS	1,085	1,342	24%	PASS	1,578	1,937	23%	PASS
130208	GRAND AV / OLYMPIC BL - EB	11,176	10,543	-6%	PASS	2,357	1,740	-26%	PASS	3,047	2,985	-2%	PASS
130213	GRAND AV / OLYMPIC BL - SB	17,834	9,706	-46%	FAIL	2,632	1,912	-27%	PASS	5,855	3,261	-44%	FAIL
130258	11TH ST CHICK HEARN CT / FIGUEROA ST - WB	6,176	6,447	4%	PASS	630	907	44%	PASS	2,505	1,914	-24%	PASS
130271	11TH ST CHICK HEARN CT / FIGUEROA ST - EB	1,326	2,422	83%	FAIL	98	576	488%	FAIL	433	579	34%	PASS
130393	Figueroa St / Pico Bl - SB	5,753	7,179	25%	PASS	931	1,223	31%	PASS	1,724	2,329	35%	PASS
130396	FIGUEROA ST / PICO BL - WB	6,179	5,563	-10%	PASS	960	834	-13%	PASS	2,271	1,726	-24%	PASS
130401	FIGUEROA ST / PICO BL - EB	16,321	17,887	10%	PASS	3,387	3,754	11%	PASS	4,755	4,144	-13%	PASS
130404	Flower St / Pico Bl - WB	8,390	7,659	-9%	PASS	1,264	1,157	-9%	PASS	3,265	2,613	-20%	PASS
130406	Flower St / Pico Bl - EB	9,461	9,867	4%	PASS	2,011	2,373	18%	PASS	2,718	2,391	-12%	PASS
130410	FLOWER ST / PICO BL - SB	11,734	10,861	-7%	PASS	1,536	1,897	23%	PASS	4,686	3,784	-19%	PASS
130420	GRAND AV / PICO BL - SB	9,844	13,012	32%	PASS	1,376	2,035	48%	FAIL	3,994	4,256	7%	PASS
130472	FIGUEROA ST / VENICE BL - WB	5,644	3,573	-37%	PASS	949	706	-26%	PASS	1,996	1,211	-39%	PASS
130480	FIGUEROA ST / VENICE BL - EB	8,377	5,247	-37%	PASS	1,896	1,351	-29%	PASS	2,773	1,668	-40%	FAIL
130551	Hoover St / Washington Bl - SB	21,548	27,471	27%	PASS	3,922	4,970	27%	PASS	5,369	6,454	20%	PASS
130554	Union Av / Washington Bl - NB	8,901	7,313	-18%	PASS	1,894	1,368	-28%	PASS	2,571	1,632	-37%	PASS
130557	Union Av / Washington Bl - SB	6,762	10,153	50%	FAIL	1,471	1,764	20%	PASS	2,189	2,405	10%	PASS

STATIC HIGHWAY VEHICLE VOLUME VALIDATION

ID	LOCATION	DAILY				AM PERIOD (6-9AM)				PM PERIOD (3-7PM)			
		COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST
130565	Figueroa St / Washington Bl - WB	16,432	15,673	-5%	PASS	3,053	3,038	0%	PASS	4,987	4,772	-4%	PASS
130567	FIGUEROA ST / WASHINGTON BL - NB	31,254	28,061	-10%	PASS	6,524	6,635	2%	PASS	8,112	7,204	-11%	PASS
130570	Figueroa St / Washington Bl - EB	11,522	7,796	-32%	PASS	2,245	1,876	-16%	PASS	3,267	3,024	-7%	PASS
130573	Flower St / Washington Bl - SB	11,590	13,980	21%	PASS	1,533	2,168	41%	PASS	4,994	5,044	1%	PASS
130592	54TH ST / MAIN ST - NB	9,919	9,522	-4%	PASS	2,965	2,371	-20%	PASS	2,524	2,441	-3%	PASS
130595	54TH ST / MAIN ST - SB	9,625	11,110	15%	PASS	1,474	1,999	36%	PASS	3,917	3,471	-11%	PASS
130598	54TH ST / SAN PEDRO ST - NB	4,775	3,415	-28%	PASS	1,472	703	-52%	FAIL	1,329	792	-40%	PASS
130599	54TH ST / SAN PEDRO ST - SB	4,411	2,544	-42%	PASS	802	423	-47%	PASS	1,788	680	-62%	FAIL
130619	/ - NB	13,505	10,234	-24%	PASS	2,771	2,594	-6%	PASS	3,199	2,376	-26%	PASS
130621	54TH ST 55TH ST / CENTRAL AV - SB	13,033	14,022	8%	PASS	2,104	2,336	11%	PASS	3,910	4,057	4%	PASS
130635	23RD ST / FIGUEROA ST - WB	3,873	1,182	-69%	FAIL	735	237	-68%	FAIL	1,182	356	-70%	FAIL
130648	23rd St / Flower St - EB	3,279	1,378	-58%	FAIL	781	307	-61%	FAIL	1,044	260	-75%	FAIL
130649	54TH ST / MCKINLEY AV - SB	3,109	1,300	-58%	FAIL	653	226	-65%	FAIL	1,026	334	-67%	FAIL
130660	ADAMS BL / HOOVER ST - WB	21,165	20,835	-2%	PASS	4,038	3,941	-2%	PASS	5,972	5,227	-12%	PASS
130662	Adams Bl / Hoover St - NB	11,051	14,714	33%	PASS	2,022	2,880	42%	FAIL	3,269	3,529	8%	PASS
130668	ADAMS BL / FIGUEROA ST - NB	32,518	23,457	-28%	FAIL	6,691	5,562	-17%	PASS	8,112	6,062	-25%	PASS
130672	Adams Bl / Figueroa St - EB	12,675	13,727	8%	PASS	2,274	2,385	5%	PASS	3,441	4,710	37%	FAIL
130675	Adams Bl / Figueroa St - SB	27,100	20,737	-23%	PASS	4,779	3,489	-27%	PASS	7,425	5,792	-22%	PASS
130692	ADAMS BL / GRAND AV - SB	6,096	9,288	52%	FAIL	1,058	1,741	65%	FAIL	2,130	2,789	31%	PASS
130694	Adams Bl / Grand Av - WB	10,081	6,852	-32%	PASS	2,261	1,969	-13%	PASS	2,570	2,018	-21%	PASS
130695	ADAMS BL / GRAND AV - NB	5,461	2,996	-45%	PASS	1,285	731	-43%	PASS	1,826	774	-58%	FAIL
130698	Adams Bl / Grand Av - EB	12,398	12,922	4%	PASS	2,314	2,138	-8%	PASS	3,259	3,605	11%	PASS
130702	HOOVER ST / WASHINGTON BL - EB	16,858	16,334	-3%	PASS	3,524	3,841	9%	PASS	5,539	5,582	1%	PASS
130707	55TH ST / HOOPER AV - NB	7,192	4,808	-33%	PASS	1,763	1,168	-34%	PASS	1,848	1,028	-44%	PASS
130708	55TH ST / HOOPER AV - SB	7,413	4,814	-35%	PASS	1,208	782	-35%	PASS	2,539	1,480	-42%	FAIL
130715	8TH ST / FIGUEROA ST - WB	28,779	21,630	-25%	FAIL	4,058	3,967	-2%	PASS	7,676	5,972	-22%	PASS
130720	Grand Av Bet 14th St / 15th St - SB	8,754	6,452	-26%	PASS	2,125	950	-55%	FAIL	2,289	1,912	-16%	PASS
130722	FIGUEROA ST / WASHINGTON BL - SB	8,062	9,323	16%	PASS	1,042	1,663	60%	FAIL	2,519	3,047	21%	PASS
130723	FIGUEROA ST / PICO BL - NB	24,818	19,962	-20%	PASS	5,925	5,383	-9%	PASS	7,077	5,516	-22%	PASS
130736	ADAMS BL / HOOVER ST - EB	16,617	11,790	-29%	PASS	3,390	2,529	-25%	PASS	4,850	4,182	-14%	PASS
130738	ADAMS BL / HOOVER ST - SB	13,009	14,472	11%	PASS	2,214	2,460	11%	PASS	3,666	3,761	3%	PASS
130740	HOOVER ST / WASHINGTON BL - WB	12,405	11,804	-5%	PASS	2,507	2,590	3%	PASS	3,737	3,684	-1%	PASS
130760	GRAND AV / PICO BL - EB	7,057	7,568	7%	PASS	1,537	1,691	10%	PASS	1,981	1,967	-1%	PASS
130773	54TH ST / AVALON BL - SB	10,486	10,640	1%	PASS	1,762	1,871	6%	PASS	3,359	3,317	-1%	PASS
130774	54TH ST / AVALON BL - NB	12,292	10,728	-13%	PASS	2,845	2,691	-5%	PASS	3,237	2,737	-15%	PASS
130803	ALVARADO ST / OLYMPIC BL - NB	15,345	15,149	-1%	PASS	2,914	2,966	2%	PASS	4,254	4,466	5%	PASS
130810	GRAND AV / PICO BL - WB	7,043	5,485	-22%	PASS	1,593	836	-47%	FAIL	2,292	1,497	-35%	PASS
130833	HOOVER ST / WASHINGTON BL - NB	15,309	18,646	22%	PASS	3,170	3,564	12%	PASS	3,848	4,432	15%	PASS
130997	CENTRAL AV / VERNON AV - WB	12,916	12,269	-5%	PASS	2,493	1,994	-20%	PASS	3,598	3,474	-3%	PASS
130999	CENTRAL AV / VERNON AV - NB	13,128	11,078	-16%	PASS	3,007	2,826	-6%	PASS	2,858	2,455	-14%	PASS
131002	CENTRAL AV / VERNON AV - EB	13,613	11,653	-14%	PASS	2,211	2,762	25%	PASS	3,786	2,465	-35%	FAIL
131004	CENTRAL AV / VERNON AV - SB	13,386	9,474	-29%	PASS	1,917	1,381	-28%	PASS	3,872	3,417	-12%	PASS
131022	55TH ST / COMPTON AV - NB	7,214	12,178	69%	FAIL	1,141	3,001	163%	FAIL	2,734	2,762	1%	PASS
131111	CENTRAL AV / FLORENCE AV - WB	17,158	16,534	-4%	PASS	2,933	3,364	15%	PASS	4,343	3,926	-10%	PASS

STATIC HIGHWAY VEHICLE VOLUME VALIDATION

ID	LOCATION	DAILY				AM PERIOD (6-9AM)				PM PERIOD (3-7PM)			
		COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST
131113	CENTRAL AV / FLORENCE AV - NB	16,501	14,954	-9%	PASS	4,304	4,033	-6%	PASS	3,543	3,433	-3%	PASS
131117	CENTRAL AV / FLORENCE AV - EB	21,141	20,871	-1%	PASS	3,506	3,768	7%	PASS	5,498	5,650	3%	PASS
131119	CENTRAL AV / FLORENCE AV - SB	9,068	9,757	8%	PASS	1,213	1,463	21%	PASS	3,049	3,249	7%	PASS
131150	CENTRAL AV / SLAUSON AV - EB	15,752	14,354	-9%	PASS	2,642	2,995	13%	PASS	3,837	3,275	-15%	PASS
131154	CENTRAL AV / SLAUSON AV - WB	15,370	14,875	-3%	PASS	2,672	2,587	-3%	PASS	3,865	3,904	1%	PASS
131155	CENTRAL AV / SLAUSON AV - NB	16,013	12,128	-24%	PASS	3,344	2,896	-13%	PASS	3,678	2,861	-22%	PASS
131253	CENTRAL AV / SLAUSON AV - SB	12,740	9,447	-26%	PASS	1,887	1,548	-18%	PASS	4,089	3,069	-25%	PASS
131617	ADAMS BL / FIGUEROA ST - WB	21,945	22,725	4%	PASS	3,558	4,474	26%	PASS	5,120	5,497	7%	PASS
140002	Avenue 60 / Monterey Rd - NB	7,745	8,776	13%	PASS	1,488	1,339	-10%	PASS	2,778	2,042	-26%	PASS
140004	Avenue 60 / Monterey Rd - EB	6,101	10,400	70%	FAIL	1,240	2,183	76%	FAIL	1,846	2,481	34%	PASS
140005	Avenue 60 / Monterey Rd - SB	3,530	4,749	35%	PASS	856	753	-12%	PASS	1,013	1,440	42%	PASS
140032	EASTERN AV EL SERENO AV / HUNTINGTON DR - WB	19,016	13,864	-27%	PASS	5,666	4,085	-28%	FAIL	4,029	2,926	-27%	PASS
140040	EASTERN AV EL SERENO AV / HUNTINGTON DR - EB	14,700	18,642	27%	PASS	1,778	3,206	80%	FAIL	6,132	6,140	0%	PASS
140058	Avenue 26, Golden State Fwy N/B Off-ramp / Lacy St - S	12,652	1,794	-86%	FAIL	2,115	218	-90%	FAIL	3,871	450	-88%	FAIL
140077	Avenue 26, Daly St / Pasadena Av - EB	6,218	4,988	-20%	PASS	656	566	-14%	PASS	2,123	2,179	3%	PASS
140132	Daly St / North Broadway - WB	14,665	19,982	36%	FAIL	3,667	4,491	22%	PASS	2,992	4,856	62%	FAIL
140134	Daly St / North Broadway - NB	12,347	13,663	11%	PASS	2,136	2,318	9%	PASS	4,019	5,626	40%	FAIL
140135	DALY ST / NORTH BROADWAY - EB	15,307	19,417	27%	PASS	1,821	3,100	70%	FAIL	4,721	6,025	28%	PASS
140137	Daly St / North Broadway - SB	13,658	13,795	1%	PASS	2,392	4,013	68%	FAIL	3,970	4,140	4%	PASS
140152	MISSION RD / NORTH BROADWAY - NB	6,812	4,284	-37%	PASS	886	469	-47%	PASS	2,775	2,081	-25%	PASS
140153	MISSION RD / NORTH BROADWAY - EB	7,119	6,907	-3%	PASS	1,015	961	-5%	PASS	2,334	2,306	-1%	PASS
140155	MISSION RD / NORTH BROADWAY - SB	9,862	13,708	39%	FAIL	3,061	4,049	32%	PASS	1,893	2,446	29%	PASS
140184	DALY ST / NORTH MAIN ST - WB	10,079	7,685	-24%	PASS	3,467	2,657	-23%	PASS	2,291	1,691	-26%	PASS
140188	DALY ST / NORTH MAIN ST - EB	11,200	14,103	26%	PASS	1,547	2,288	48%	FAIL	3,561	4,938	39%	FAIL
140202	MISSION RD NORTH MAIN ST / VALLEY BL (SOUTH I/S)	12,087	11,500	-5%	PASS	3,704	2,724	-26%	PASS	2,509	2,090	-17%	PASS
140206	Mission Rd, North Main St / Valley Bl (south I/S) - NB	6,938	4,948	-29%	PASS	1,101	634	-42%	PASS	2,558	1,471	-42%	FAIL
140208	Mission Rd, North Main St / Valley Bl (south I/S) - EB	12,192	11,317	-7%	PASS	2,147	2,137	0%	PASS	4,282	4,132	-4%	PASS
140215	SOTO ST / VALLEY BL - SB	3,654	1,772	-52%	PASS	858	362	-58%	FAIL	1,067	441	-59%	FAIL
140230	DALY ST MARENGO ST / MISSION RD - WB	9,974	13,331	34%	PASS	2,283	2,932	28%	PASS	3,045	4,098	35%	PASS
140233	DALY ST MARENGO ST / MISSION RD - NB	17,565	15,032	-14%	PASS	3,629	2,226	-39%	FAIL	5,645	5,554	-2%	PASS
140235	DALY ST MARENGO ST / MISSION RD - EB	9,393	6,943	-26%	PASS	1,565	1,049	-33%	PASS	2,334	3,856	65%	FAIL
140236	DALY ST MARENGO ST / MISSION RD - SB	19,401	15,854	-18%	PASS	4,542	3,290	-28%	PASS	4,543	3,310	-27%	PASS
140255	/ - NB	8,490	12,390	46%	FAIL	2,171	2,153	-1%	PASS	2,112	3,631	72%	FAIL
140300	MARENGO ST / SOTO ST - SB	12,743	12,766	0%	PASS	2,183	2,519	15%	PASS	2,784	3,020	8%	PASS
140301	CESAR E CHAVEZ AV / MISSION RD - WB	14,333	14,502	1%	PASS	3,806	3,140	-17%	PASS	3,320	4,417	33%	PASS
140305	CESAR E CHAVEZ AV / MISSION RD - NB	10,036	9,145	-9%	PASS	1,971	1,455	-26%	PASS	2,802	2,936	5%	PASS
140308	Cesar E Chavez Av / Mission Rd - EB	11,697	14,669	25%	PASS	1,387	2,682	93%	FAIL	4,174	5,258	26%	PASS
140312	Cesar E Chavez Av / Mission Rd - SB	15,489	13,712	-11%	PASS	4,779	3,844	-20%	PASS	3,255	3,393	4%	PASS
140319	San Bernardino Fwy E/B Off-ramp, Soto St / Wabash Av	10,985	11,987	9%	PASS	1,592	2,234	40%	PASS	3,497	3,796	9%	PASS
140322	SAN BERNARDINO FWY E/B OFF-RAMP SOTO ST / WAB	9,038	5,836	-35%	PASS	1,547	919	-41%	PASS	2,614	1,100	-58%	FAIL
140338	1ST ST / MISSION RD - WB	6,934	4,362	-37%	PASS	2,155	1,190	-45%	FAIL	1,286	1,021	-21%	PASS
140341	1ST ST / MISSION RD - EB	5,621	7,994	42%	PASS	558	1,301	133%	FAIL	2,484	3,431	38%	PASS
140343	1ST ST / MISSION RD - SB	5,823	8,461	45%	PASS	1,918	2,856	49%	FAIL	1,228	1,857	51%	PASS
140362	Cesar E Chavez Av / Soto St - WB	10,796	14,650	36%	FAIL	2,888	3,286	14%	PASS	2,254	4,096	82%	FAIL

STATIC HIGHWAY VEHICLE VOLUME VALIDATION

ID	LOCATION	DAILY				AM PERIOD (6-9AM)				PM PERIOD (3-7PM)			
		COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST
140363	Cesar E Chavez Av / Soto St - NB	11,030	7,307	-34%	PASS	1,656	1,136	-31%	PASS	3,639	2,579	-29%	PASS
140366	CESAR E CHAVEZ AV / SOTO ST - EB	9,774	9,398	-4%	PASS	1,141	1,787	57%	FAIL	3,199	3,008	-6%	PASS
140367	Cesar E Chavez Av / Soto St - SB	10,834	11,783	9%	PASS	2,546	2,948	16%	PASS	2,661	3,030	14%	PASS
140369	1st St / Soto St - WB	12,524	11,121	-11%	PASS	3,557	2,294	-36%	FAIL	3,034	2,476	-18%	PASS
140372	1ST ST / SOTO ST - NB	11,076	9,183	-17%	PASS	1,627	1,398	-14%	PASS	3,653	3,067	-16%	PASS
140374	1ST ST / SOTO ST - EB	11,849	10,127	-15%	PASS	1,989	1,780	-10%	PASS	3,789	2,721	-28%	PASS
140376	1st St / Soto St - SB	5,291	7,289	38%	PASS	1,136	2,182	92%	FAIL	1,168	1,656	42%	PASS
140384	4th St / Soto St - WB	10,772	10,633	-1%	PASS	3,515	2,620	-25%	PASS	2,277	2,844	25%	PASS
140385	4th St / Soto St - NB	11,237	10,352	-8%	PASS	1,651	1,692	2%	PASS	3,514	3,154	-10%	PASS
140389	4th St / Soto St - SB	11,581	9,530	-18%	PASS	1,304	1,749	34%	PASS	4,561	3,225	-29%	PASS
140390	1ST ST / LORENA ST - WB	7,495	10,021	34%	PASS	1,891	2,105	11%	PASS	1,858	2,260	22%	PASS
140392	1ST ST / LORENA ST - NB	6,538	5,457	-17%	PASS	883	861	-3%	PASS	2,122	1,411	-33%	PASS
140394	1ST ST / LORENA ST - EB	6,880	10,695	55%	FAIL	931	1,916	106%	FAIL	2,389	2,881	21%	PASS
140395	1ST ST / LORENA ST - EB	5,265	5,023	-5%	PASS	947	1,129	19%	PASS	1,345	1,162	-14%	PASS
140407	SOTO ST / WHITTIER BL - WB	9,265	9,174	-1%	PASS	2,641	2,413	-9%	PASS	2,019	2,596	29%	PASS
140414	4TH ST / LORENA ST - WB	8,952	11,092	24%	PASS	3,038	2,617	-14%	PASS	1,879	3,043	62%	FAIL
140416	4TH ST / LORENA ST - NB	3,475	1,660	-52%	PASS	571	247	-57%	PASS	1,218	445	-63%	FAIL
140418	4TH ST / LORENA ST - EB	8,085	9,435	17%	PASS	1,178	1,924	63%	FAIL	3,117	2,637	-15%	PASS
140432	7th St / Soto St - EB	2,904	3,981	37%	PASS	402	629	57%	PASS	1,082	1,267	17%	PASS
140473	GRANDE VISTA AV / OLYMPIC BL - WB	8,717	5,946	-32%	PASS	2,368	2,004	-15%	PASS	1,951	1,356	-30%	PASS
140474	Grande Vista Av / Olympic Bl - NB	12,334	6,001	-51%	FAIL	3,165	931	-71%	FAIL	3,100	2,348	-24%	PASS
140476	Grande Vista Av / Olympic Bl - EB	11,025	12,180	10%	PASS	1,280	1,822	42%	PASS	4,166	4,674	12%	PASS
140523	DOWNEY RD GRANDE VISTA AV / WASHINGTON BL - N	12,059	13,702	14%	PASS	3,301	2,570	-22%	PASS	2,872	4,870	70%	FAIL
140527	Downey Rd, Grande Vista Av / Washington Bl - EB	11,771	7,158	-39%	FAIL	1,314	1,095	-17%	PASS	4,918	3,187	-35%	FAIL
140531	Downey Rd, Grande Vista Av / Washington Bl - SB	15,650	19,518	25%	PASS	3,197	4,551	42%	FAIL	4,596	5,489	19%	PASS
140534	DOWNEY RD GRANDE VISTA AV / WASHINGTON BL - V	5,451	6,363	17%	PASS	1,717	1,878	9%	PASS	1,110	2,244	102%	FAIL
140608	1ST ST / STATE ST - WB	10,454	12,148	16%	PASS	1,844	2,272	23%	PASS	2,834	3,177	12%	PASS
141056	Figueroa St / York Bl - WB	18,082	17,747	-2%	PASS	3,122	3,307	6%	PASS	5,123	4,178	-18%	PASS
141060	Figueroa St / York Bl - NB	10,526	13,638	30%	PASS	1,707	2,524	48%	FAIL	3,175	3,490	10%	PASS
141065	Figueroa St / York Bl - SB	10,988	14,580	33%	PASS	2,300	2,837	23%	PASS	2,839	4,017	41%	FAIL
141117	Avenue 50 / Figueroa St - NB	8,783	11,872	35%	PASS	1,297	1,999	54%	FAIL	2,815	2,903	3%	PASS
141119	Avenue 50 / Figueroa St - EB	4,767	896	-81%	FAIL	810	414	-49%	PASS	1,231	102	-92%	FAIL
141151	FIGUEROA ST MARMION WY / PASADENA AV - SB	11,117	8,253	-26%	PASS	2,970	1,812	-39%	FAIL	2,544	1,625	-36%	PASS
141152	FIGUEROA ST MARMION WY / PASADENA AV - EB	4,870	4,072	-16%	PASS	1,671	467	-72%	FAIL	1,040	1,549	49%	PASS
141154	Figueroa St, Marmion Wy / Pasadena Av - WB	5,106	3,712	-27%	PASS	668	1,078	61%	FAIL	2,010	811	-60%	FAIL
141155	Figueroa St, Marmion Wy / Pasadena Av - NB	7,342	4,277	-42%	PASS	1,172	582	-50%	PASS	2,238	1,290	-42%	PASS
141187	Avenue 26 / Figueroa St - SB	18,484	17,954	-3%	PASS	3,952	4,184	6%	PASS	3,849	3,874	1%	PASS
141195	Avenue 26 / Figueroa St - NB	18,052	13,834	-23%	PASS	2,568	1,927	-25%	PASS	4,355	3,338	-23%	PASS
141285	AVENUE 36 / EAGLE ROCK BL - NB	8,010	6,730	-16%	PASS	1,298	1,126	-13%	PASS	2,991	2,433	-19%	PASS
141287	AVENUE 36 / EAGLE ROCK BL - EB	5,812	8,839	52%	FAIL	952	1,316	38%	PASS	2,011	3,312	65%	FAIL
141290	AVENUE 36 / EAGLE ROCK BL - SB	18,412	20,599	12%	PASS	5,977	5,284	-12%	PASS	4,352	4,684	8%	PASS
141297	FLETCHER DR / SAN FERNANDO RD - WB	12,721	8,505	-33%	FAIL	3,775	2,220	-41%	FAIL	2,633	1,849	-30%	PASS
141300	FLETCHER DR / SAN FERNANDO RD - NB	20,372	18,119	-11%	PASS	3,367	3,654	9%	PASS	5,161	4,588	-11%	PASS
141334	SOTO ST / VALLEY BL - WB	13,588	9,571	-30%	PASS	4,633	2,641	-43%	FAIL	2,965	2,071	-30%	PASS

STATIC HIGHWAY VEHICLE VOLUME VALIDATION

ID	LOCATION	DAILY				AM PERIOD (6-9AM)				PM PERIOD (3-7PM)			
		COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST
141336	SOTO ST / VALLEY BL - EB	12,665	8,585	-32%	PASS	1,920	1,303	-32%	PASS	5,275	2,984	-43%	FAIL
141353	FLETCHER DR / SAN FERNANDO RD - EB	11,892	9,498	-20%	PASS	1,785	1,668	-7%	PASS	3,461	3,381	-2%	PASS
141354	FLETCHER DR / SAN FERNANDO RD - SB	17,842	19,454	9%	PASS	2,719	3,218	18%	PASS	4,467	5,128	15%	PASS
141360	4TH ST / SOTO ST - SB	11,353	10,468	-8%	PASS	2,555	2,751	8%	PASS	2,730	2,337	-14%	PASS
141436	AVENUE 40 EAGLE ROCK BL / VERDUGO RD - NB	24,637	25,403	3%	PASS	3,310	4,124	25%	PASS	7,873	7,478	-5%	PASS
141437	AVENUE 40 EAGLE ROCK BL / VERDUGO RD - EB	10,056	15,329	52%	FAIL	2,189	2,687	23%	PASS	3,350	3,981	19%	PASS
141441	AVENUE 40 EAGLE ROCK BL / VERDUGO RD - SB	22,312	21,273	-5%	PASS	4,910	4,691	-4%	PASS	5,353	4,214	-21%	PASS
141451	COLORADO BL / FIGUEROA ST - WB	5,073	3,558	-30%	PASS	1,224	594	-51%	PASS	1,441	1,015	-30%	PASS
141456	COLORADO BL / FIGUEROA ST - EB	3,944	1,947	-51%	PASS	775	342	-56%	PASS	1,117	628	-44%	PASS
141482	EAGLE ROCK BL / YORK BL - SB	13,634	15,865	16%	PASS	2,963	2,700	-9%	PASS	3,508	3,781	8%	PASS
141486	EAGLE ROCK BL / YORK BL - WB	11,774	14,161	20%	PASS	2,484	3,042	22%	PASS	2,786	3,173	14%	PASS
141488	EAGLE ROCK BL / YORK BL - NB	16,881	18,733	11%	PASS	2,434	3,234	33%	PASS	5,071	5,368	6%	PASS
141499	CYPRESS AV EAGLE ROCK BL SAN FERNANDO RD / VER	10,300	12,754	24%	PASS	3,750	3,052	-19%	PASS	2,351	3,318	41%	PASS
141500	CYPRESS AV EAGLE ROCK BL SAN FERNANDO RD / VER	7,509	9,349	25%	PASS	1,152	1,888	64%	FAIL	3,179	3,086	-3%	PASS
141556	CYPRESS AV / DIVISION ST - SB	8,814	10,684	21%	PASS	2,197	2,437	11%	PASS	2,386	3,169	33%	PASS
141559	SAN FERNANDO RD / VERDUGO RD - NB	15,670	12,098	-23%	PASS	3,036	2,386	-21%	PASS	4,741	4,623	-2%	PASS
141560	SAN FERNANDO RD / VERDUGO RD - SB	13,199	14,887	13%	PASS	2,145	3,200	49%	FAIL	4,014	4,770	19%	PASS
141631	FIGUEROA ST / LA LOMA RD - EB	3,986	2,081	-48%	PASS	583	429	-26%	PASS	1,219	693	-43%	PASS
141719	COLORADO BL / EAGLE ROCK BL - WB	19,998	15,367	-23%	PASS	3,853	3,056	-21%	PASS	5,451	3,564	-35%	FAIL
141724	COLORADO BL / EAGLE ROCK BL - NB	15,394	10,284	-33%	FAIL	2,484	1,636	-34%	PASS	4,298	2,460	-43%	FAIL
141727	COLORADO BL / EAGLE ROCK BL - EB	12,666	11,471	-9%	PASS	1,671	1,560	-7%	PASS	3,686	3,623	-2%	PASS
141924	SAN BERNARDINO FWY E/B OFF-RAMP SOTO ST / WAB	11,282	18,741	66%	FAIL	2,432	4,035	66%	FAIL	2,943	5,433	85%	FAIL
715929	5 SB ML GUATEMALA	118,576	106,546	-10%	PASS	18,677	17,851	-4%	PASS	24,296	23,924	-2%	PASS
715930	5 NB ML GUATEMALA	123,498	105,156	-15%	FAIL	20,261	18,076	-11%	PASS	24,917	23,964	-4%	PASS
715933	5 NB ML GREENWOOD	108,162	103,801	-4%	PASS	18,865	17,793	-6%	PASS	21,431	23,764	11%	PASS
715938	5 NB ML GASPAR	121,133	113,882	-6%	PASS	19,843	18,943	-5%	PASS	24,690	25,433	3%	PASS
715944	5 NB ML FERRIS	105,818	127,122	20%	FAIL	16,102	21,052	31%	FAIL	20,670	28,044	36%	FAIL
716028	10 EB ML ECHANDIA	57,900	71,730	24%	FAIL	5,382	12,368	130%	FAIL	21,018	21,025	0%	PASS
716075	10 EB ML INDIANA	133,509	132,899	0%	PASS	16,816	22,617	34%	FAIL	38,302	34,274	-11%	PASS
716076	10 WB ML INDIANA	132,386	122,327	-8%	PASS	30,299	22,858	-25%	FAIL	25,325	27,027	7%	PASS
716081	10 EB ML EASTERN	91,391	87,533	-4%	PASS	10,667	13,875	30%	FAIL	22,677	24,293	7%	PASS
716087	10 EB ML WARWICK	148,339	122,574	-17%	FAIL	16,934	19,160	13%	PASS	38,177	31,642	-17%	FAIL
716088	10 WB ML WARWICK	117,964	115,804	-2%	PASS	26,890	22,688	-16%	FAIL	20,983	24,907	19%	FAIL
716091	10 WB ML MARENGO	127,772	114,329	-11%	PASS	27,615	22,484	-19%	FAIL	24,054	24,724	3%	PASS
716092	10 EB ML MARENGO	115,943	121,058	4%	PASS	13,466	18,998	41%	FAIL	29,648	31,304	6%	PASS
716206	60 WB ML E OF 101 / MARRIETTA	52,452	89,562	71%	FAIL	8,509	16,758	97%	FAIL	11,041	19,508	77%	FAIL
716409	105 WB ML INGLEWOOD	69,385	57,054	-18%	FAIL	15,048	10,899	-28%	FAIL	11,846	12,056	2%	PASS
716424	105 EB ML VERMONT	125,037	120,217	-4%	PASS	19,241	18,944	-2%	PASS	25,805	27,760	8%	PASS
716433	105 EB ML STANFORD	118,232	135,743	15%	FAIL	18,162	21,663	19%	FAIL	23,101	30,259	31%	FAIL
716434	105 WB ML STANFORD	127,911	131,785	3%	PASS	20,717	22,891	10%	PASS	26,341	28,207	7%	PASS
716442	105 EB ML STATE	117,197	131,303	12%	PASS	18,078	21,517	19%	FAIL	24,098	29,397	22%	FAIL
716443	105 WB ML STATE	123,883	129,420	4%	PASS	19,506	22,661	16%	FAIL	25,292	28,044	11%	PASS
716449	105 EB ML HARRIS	121,963	137,266	13%	PASS	19,307	23,152	20%	FAIL	26,084	31,167	19%	FAIL
716450	105 WB ML HARRIS	120,857	124,176	3%	PASS	18,106	21,234	17%	FAIL	26,474	26,907	2%	PASS

STATIC HIGHWAY VEHICLE VOLUME VALIDATION

ID	LOCATION	DAILY				AM PERIOD (6-9AM)				PM PERIOD (3-7PM)			
		COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST
716459	105 WB ML MERKEL	108,206	99,100	-8%	PASS	18,880	16,802	-11%	PASS	22,974	21,741	-5%	PASS
716481	110 SB ML S OF 91	46,626	59,973	29%	FAIL	8,736	9,884	13%	PASS	11,834	14,529	23%	FAIL
716571	170 SB ML SHERMAN WAY	78,359	92,115	18%	FAIL	18,798	17,065	-9%	PASS	16,590	19,112	15%	PASS
716674	405 SB ML YUKON	130,263	124,525	-4%	PASS	22,221	21,026	-5%	PASS	27,224	29,880	10%	PASS
716719	405 SB ML LA GRANGE	159,441	163,870	3%	PASS	29,849	25,836	-13%	PASS	25,711	34,925	36%	FAIL
716720	405 NB ML LA GRANGE	172,172	165,255	-4%	PASS	28,709	26,938	-6%	PASS	33,981	34,111	0%	PASS
716733	405 NB ML BEL AIR CR	193,367	170,041	-12%	PASS	23,795	26,425	11%	PASS	45,581	35,976	-21%	FAIL
716738	405 NB ML ROYAL RIDGE	182,961	179,792	-2%	PASS	22,431	27,584	23%	FAIL	45,817	39,938	-13%	PASS
716895	5 SB ML PARAMOUNT	130,355	103,420	-21%	FAIL	20,591	17,384	-16%	FAIL	27,823	23,244	-16%	FAIL
716922	5 SB ML GARFIELD	103,948	108,250	4%	PASS	16,687	18,153	9%	PASS	19,126	23,504	23%	FAIL
716923	5 NB ML GARFIELD	108,512	97,653	-10%	PASS	18,444	16,327	-11%	PASS	21,496	22,626	5%	PASS
716924	5 SB ML WASHINGTON 1	100,111	109,168	9%	PASS	17,528	18,111	3%	PASS	16,430	23,661	44%	FAIL
716925	5 NB ML WASHINGTON 1	111,821	105,947	-5%	PASS	19,134	17,978	-6%	PASS	22,534	24,256	8%	PASS
716928	5 SB ML ATLANTIC	105,496	115,495	9%	PASS	19,000	19,246	1%	PASS	16,116	24,503	52%	FAIL
716929	5 NB ML ATLANTIC	113,208	111,760	-1%	PASS	18,859	18,465	-2%	PASS	22,961	25,109	9%	PASS
716930	5 SB ML FERRIS	111,932	116,063	4%	PASS	20,654	18,740	-9%	PASS	15,098	23,768	57%	FAIL
716936	5 SB ML DITMAN	137,373	129,100	-6%	PASS	22,022	20,844	-5%	PASS	22,501	26,092	16%	FAIL
716990	5 NB ML SUNLAND	84,543	88,217	4%	PASS	12,823	13,383	4%	PASS	22,422	21,533	-4%	PASS
716991	5 SB ML SUNLAND	86,593	81,324	-6%	PASS	16,824	15,125	-10%	PASS	17,546	17,489	0%	PASS
716993	5 SB ML PENROSE	89,814	79,215	-12%	PASS	17,448	14,317	-18%	FAIL	18,472	17,190	-7%	PASS
716994	5 NB ML PENROSE	90,485	82,916	-8%	PASS	13,807	12,403	-10%	PASS	22,944	20,439	-11%	PASS
716997	5 NB ML LANKERSHIM	100,394	81,936	-18%	FAIL	14,180	11,979	-16%	PASS	28,465	20,650	-27%	FAIL
716999	5 SB ML LANKERSHIM	89,308	73,836	-17%	FAIL	17,940	13,834	-23%	FAIL	17,590	16,216	-8%	PASS
717000	5 NB ML SHELDON	88,451	71,719	-19%	FAIL	13,733	10,431	-24%	FAIL	20,759	19,058	-8%	PASS
717001	5 SB ML SHELDON	96,712	64,884	-33%	FAIL	19,610	12,465	-36%	FAIL	19,106	14,433	-24%	FAIL
717009	10 EB ML MANNING	124,846	106,298	-15%	FAIL	19,761	16,404	-17%	FAIL	23,914	25,285	6%	PASS
717014	10 EB ML LA CIENEGA	109,513	113,598	4%	PASS	17,017	17,865	5%	PASS	21,642	25,403	17%	FAIL
717015	10 WB ML LA CIENEGA	116,244	115,270	-1%	PASS	17,184	20,248	18%	FAIL	26,888	23,754	-12%	PASS
717019	10 WB ML FAIRFAX	106,586	110,139	3%	PASS	15,566	19,393	25%	FAIL	24,632	22,769	-8%	PASS
717020	10 EB ML FAIRFAX	100,739	106,418	6%	PASS	15,769	16,769	6%	PASS	19,548	23,963	23%	FAIL
717032	10 EB ML CRENSHAW 2	135,079	136,638	1%	PASS	20,207	21,909	8%	PASS	27,222	29,068	7%	PASS
717033	10 WB ML CRENSHAW 2	122,974	138,556	13%	PASS	15,613	23,021	47%	FAIL	28,465	29,055	2%	PASS
717035	10 EB ML ARLINGTON 1	139,490	143,292	3%	PASS	21,562	23,188	8%	PASS	27,054	30,631	13%	PASS
717039	10 EB ML WESTERN 2	115,325	125,657	9%	PASS	18,513	20,458	11%	PASS	20,299	26,963	33%	FAIL
717040	10 WB ML WESTERN 2	114,444	115,519	1%	PASS	12,524	19,313	54%	FAIL	26,735	24,628	-8%	PASS
717045	10 WB ML HOOVER 1	125,716	105,757	-16%	FAIL	15,706	17,536	12%	PASS	28,767	22,484	-22%	FAIL
717046	10 EB ML HOOVER 1	117,824	96,856	-18%	FAIL	19,431	15,115	-22%	FAIL	20,379	19,611	-4%	PASS
717047	10 WB ML ECHANDIA	50,821	62,698	23%	FAIL	11,188	13,570	21%	PASS	9,678	14,392	49%	FAIL
717065	10 WB ML EASTERN	90,303	73,956	-18%	FAIL	20,869	15,582	-25%	FAIL	15,585	16,445	6%	PASS
717075	10 EB ML ATLANTIC 2	102,585	104,005	1%	PASS	11,656	16,138	38%	FAIL	27,142	27,371	1%	PASS
717079	10 WB ML ATLANTIC 1	114,191	97,713	-14%	FAIL	24,966	19,498	-22%	FAIL	21,405	21,023	-2%	PASS
717083	10 EB ML GARFIELD 2	108,228	109,326	1%	PASS	12,746	17,074	34%	FAIL	28,894	28,430	-2%	PASS
717087	10 WB ML GARFIELD 1	120,162	102,131	-15%	FAIL	25,323	20,317	-20%	FAIL	23,063	22,143	-4%	PASS
717095	10 WB ML NEW 1	110,217	106,821	-3%	PASS	19,134	20,653	8%	PASS	23,261	23,358	0%	PASS

STATIC HIGHWAY VEHICLE VOLUME VALIDATION

ID	LOCATION	DAILY				AM PERIOD (6-9AM)				PM PERIOD (3-7PM)			
		COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST
717097	10 EB ML NEW 2	112,313	115,908	3%	PASS	13,960	18,459	32%	FAIL	29,268	28,614	-2%	PASS
717099	134 WB ML GLENDALE 1	117,018	105,015	-10%	PASS	25,602	21,097	-18%	FAIL	26,718	26,478	-1%	PASS
717108	10 WB ML DEL MAR 1	122,176	108,412	-11%	PASS	22,005	20,071	-9%	PASS	26,290	23,806	-9%	PASS
717110	10 EB ML DEL MAR 2	121,070	110,954	-8%	PASS	16,040	18,343	14%	PASS	31,109	26,935	-13%	PASS
717116	10 WB ML SAN GABRIEL 1	121,124	99,501	-18%	FAIL	22,612	18,753	-17%	FAIL	25,895	22,319	-14%	PASS
717121	10 WB ML WALNUT GROVE	124,273	107,118	-14%	FAIL	23,447	19,923	-15%	FAIL	26,487	24,056	-9%	PASS
717123	10 EB ML WALNUT GROVE	106,578	113,160	6%	PASS	13,819	19,251	39%	FAIL	29,280	27,648	-6%	PASS
717133	10 EB ML FLAIR	117,278	100,651	-14%	FAIL	17,919	17,406	-3%	PASS	28,838	25,557	-11%	PASS
717134	10 WB ML FLAIR	121,769	100,344	-18%	FAIL	18,458	19,110	4%	PASS	28,879	23,016	-20%	FAIL
717135	10 WB ML TEMPLE CITY	109,609	88,006	-20%	FAIL	18,565	17,088	-8%	PASS	25,933	20,519	-21%	FAIL
717136	10 EB ML TEMPLE CITY	116,824	102,998	-12%	PASS	15,201	17,762	17%	PASS	30,169	25,978	-14%	FAIL
717142	10 WB ML SANTA ANITA	107,821	85,139	-21%	FAIL	22,279	16,773	-25%	FAIL	21,853	20,311	-7%	PASS
717146	10 EB ML SANTA ANITA	107,639	89,495	-17%	FAIL	14,104	15,833	12%	PASS	28,596	23,162	-19%	FAIL
717152	10 EB ML VALLEY	97,023	81,207	-16%	FAIL	13,513	14,294	6%	PASS	22,550	20,568	-9%	PASS
717154	10 WB ML VALLEY	117,568	73,981	-37%	FAIL	24,399	14,379	-41%	FAIL	23,990	17,291	-28%	FAIL
717263	60 WB ML LORENA	91,567	108,703	19%	FAIL	17,250	19,997	16%	PASS	18,972	23,659	25%	FAIL
717264	60 EB ML LORENA	100,732	95,398	-5%	PASS	11,696	15,331	31%	FAIL	28,194	23,323	-17%	FAIL
717268	60 EB ML THIRD	111,360	106,253	-5%	PASS	14,387	17,132	19%	FAIL	28,782	26,328	-9%	PASS
717269	60 WB ML THIRD	126,036	119,474	-5%	PASS	23,186	22,287	-4%	PASS	27,669	26,218	-5%	PASS
717273	60 EB ML ATLANTIC 1	105,586	110,821	5%	PASS	15,416	17,651	14%	PASS	24,146	27,128	12%	PASS
717274	60 WB ML ATLANTIC 1	123,998	119,971	-3%	PASS	25,797	22,652	-12%	PASS	23,527	25,728	9%	PASS
717296	60 EB ML ROSEMEAD 1	106,435	97,341	-9%	PASS	16,830	16,414	-2%	PASS	23,981	24,612	3%	PASS
717298	60 WB ML ROSEMEAD 1	117,237	109,483	-7%	PASS	22,379	21,343	-5%	PASS	25,548	25,061	-2%	PASS
717375	91 WB ML CENTRAL 1	111,351	98,952	-11%	PASS	24,295	19,843	-18%	FAIL	23,869	24,404	2%	PASS
717376	91 EB ML CENTRAL 1	97,689	99,634	2%	PASS	16,532	17,802	8%	PASS	22,444	26,356	17%	FAIL
717378	91 WB ML WILMINGTON	115,292	98,082	-15%	FAIL	25,257	20,338	-19%	FAIL	24,621	23,993	-3%	PASS
717379	91 EB ML WILMINGTON	103,094	98,911	-4%	PASS	16,814	17,410	4%	PASS	24,103	26,720	11%	PASS
717380	91 WB ML ACACIA	116,728	100,699	-14%	FAIL	25,734	21,193	-18%	FAIL	24,720	24,106	-2%	PASS
717387	91 EB ML SANTA FE	107,149	97,591	-9%	PASS	16,884	16,679	-1%	PASS	25,365	26,899	6%	PASS
717399	91 WB ML CHERRY	141,621	128,871	-9%	PASS	24,680	24,057	-3%	PASS	33,382	30,283	-9%	PASS
717402	91 EB ML CHERRY	135,445	121,615	-10%	PASS	22,359	21,931	-2%	PASS	31,943	30,018	-6%	PASS
717410	91 WB ML DOWNEY 1	143,282	129,408	-10%	PASS	23,692	23,382	-1%	PASS	33,802	30,684	-9%	PASS
717416	91 WB ML LAKEWOOD 2	127,948	116,975	-9%	PASS	21,281	20,745	-3%	PASS	31,023	28,101	-9%	PASS
717418	91 EB ML LAKEWOOD 2	134,727	117,955	-12%	PASS	23,310	22,200	-5%	PASS	32,274	28,115	-13%	PASS
717420	91 EB ML CLARK	147,564	117,970	-20%	FAIL	25,592	22,215	-13%	PASS	35,472	28,115	-21%	FAIL
717421	91 WB ML CLARK	136,673	122,539	-10%	PASS	22,599	21,710	-4%	PASS	33,312	29,601	-11%	PASS
717424	91 WB ML BELLFLOWER 1	133,759	117,137	-12%	PASS	20,856	20,882	0%	PASS	32,796	28,931	-12%	PASS
717450	101 SB ML RAMPART	109,808	109,404	0%	PASS	17,916	18,192	2%	PASS	18,079	22,791	26%	FAIL
717452	101 NB ML RAMPART	129,087	111,122	-14%	FAIL	21,647	17,968	-17%	FAIL	25,158	23,774	-6%	PASS
717460	101 NB ML NORMANDIE	103,165	108,686	5%	PASS	18,278	17,856	-2%	PASS	17,026	23,746	39%	FAIL
717461	101 SB ML NORMANDIE	84,800	112,068	32%	FAIL	13,905	18,761	35%	FAIL	13,249	23,852	80%	FAIL
717468	101 SB ML SUNSET	82,532	111,856	36%	FAIL	14,727	18,813	28%	FAIL	13,460	23,977	78%	FAIL
717469	101 NB ML SUNSET	109,634	120,149	10%	PASS	19,692	19,958	1%	PASS	17,939	26,451	47%	FAIL
717483	101 NB ML CAHUENGA	136,414	136,131	0%	PASS	21,046	22,307	6%	PASS	28,653	29,967	5%	PASS

STATIC HIGHWAY VEHICLE VOLUME VALIDATION

ID	LOCATION	DAILY				AM PERIOD (6-9AM)				PM PERIOD (3-7PM)			
		COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST
717484	101 SB ML CAHUENGA	125,836	128,378	2%	PASS	24,510	21,565	-12%	PASS	27,649	27,193	-2%	PASS
717486	101 SB ML BARHAM	140,247	133,604	-5%	PASS	25,988	22,789	-12%	PASS	30,764	28,816	-6%	PASS
717495	101 SB ML COLDWATER CANYON	126,339	117,591	-7%	PASS	20,583	20,414	-1%	PASS	28,252	26,969	-5%	PASS
717511	101 SB ML BURBANK	127,727	127,284	0%	PASS	18,561	21,640	17%	FAIL	31,380	28,671	-9%	PASS
717513	101 NB ML RESEDA	138,733	132,486	-5%	PASS	22,399	22,190	-1%	PASS	31,875	28,933	-9%	PASS
717518	101 SB ML DE SOTO	121,314	122,471	1%	PASS	19,399	20,490	6%	PASS	29,511	27,799	-6%	PASS
717519	101 NB ML DE SOTO	132,938	129,389	-3%	PASS	23,960	22,193	-7%	PASS	30,737	28,985	-6%	PASS
717522	101 NB ML TOPANGA CYN	104,211	111,840	7%	PASS	18,592	19,133	3%	PASS	24,763	24,692	0%	PASS
717532	118 WB ML TAMPA	89,572	107,144	20%	FAIL	21,454	17,518	-18%	FAIL	24,053	24,643	2%	PASS
717533	118 EB ML TAMPA	89,862	106,062	18%	FAIL	19,026	17,375	-9%	PASS	25,425	25,660	1%	PASS
717546	118 WB ML WOODLEY	130,508	125,976	-3%	PASS	26,033	21,041	-19%	FAIL	36,431	29,491	-19%	FAIL
717547	118 EB ML WOODLEY	123,554	129,876	5%	PASS	24,991	22,230	-11%	PASS	33,265	31,046	-7%	PASS
717572	134 WB ML BUENA VISTA	101,334	108,086	7%	PASS	17,699	19,551	10%	PASS	25,976	27,782	7%	PASS
717573	134 EB ML BUENA VISTA	98,577	111,089	13%	PASS	17,354	21,355	23%	FAIL	21,269	26,830	26%	FAIL
717576	134 WB ML RIVERSIDE	115,652	114,570	-1%	PASS	22,839	20,924	-8%	PASS	28,109	29,078	3%	PASS
717580	134 EB ML PACIFIC	104,928	118,837	13%	PASS	15,398	20,830	35%	FAIL	28,805	28,564	-1%	PASS
717582	134 WB ML CENTRAL	101,503	102,007	0%	PASS	22,627	19,653	-13%	PASS	21,276	24,727	16%	PASS
717585	134 EB ML GLENDALE 1	127,230	110,813	-13%	PASS	18,249	19,618	7%	PASS	35,646	28,336	-21%	FAIL
717599	134 WB ML SAN RAFAEL	118,487	110,174	-7%	PASS	24,840	21,871	-12%	PASS	29,133	27,300	-6%	PASS
717601	134 EB ML SAN RAFAEL	122,171	115,121	-6%	PASS	20,421	20,639	1%	PASS	33,837	29,148	-14%	FAIL
717603	134 WB ML ORANGE GROVE	111,449	104,638	-6%	PASS	23,567	20,785	-12%	PASS	26,809	25,840	-4%	PASS
717606	134 EB ML ORANGE GROVE	96,671	101,451	5%	PASS	15,950	18,675	17%	PASS	26,214	25,850	-1%	PASS
717608	170 SB ML BURBANK	94,348	112,929	20%	FAIL	15,476	21,462	39%	FAIL	22,073	24,300	10%	PASS
717610	170 SB ML OXNARD	98,574	105,506	7%	PASS	15,868	20,388	28%	FAIL	23,139	22,572	-2%	PASS
717630	210 WB ML FAIR OAKS 1	82,431	90,163	9%	PASS	16,724	17,589	5%	PASS	19,271	22,811	18%	FAIL
717631	210 EB ML FAIR OAKS 1	97,774	94,583	-3%	PASS	17,098	17,212	1%	PASS	25,288	24,009	-5%	PASS
717633	210 EB ML MARENGO	154,759	152,468	-1%	PASS	26,360	27,497	4%	PASS	39,170	36,650	-6%	PASS
717637	210 WB ML HILL	157,136	142,279	-9%	PASS	32,025	26,619	-17%	FAIL	35,205	34,827	-1%	PASS
717638	210 EB ML HILL 1	147,683	147,699	0%	PASS	24,081	26,697	11%	PASS	35,204	35,872	2%	PASS
717644	210 WB ML SAN GABRIEL	123,952	136,113	10%	PASS	24,119	25,661	6%	PASS	28,265	33,031	17%	FAIL
717646	210 EB ML SAN GABRIEL	141,584	138,173	-2%	PASS	22,285	24,719	11%	PASS	34,856	33,685	-3%	PASS
717649	210 WB ML SIERRA MADRE V1	143,691	131,757	-8%	PASS	27,639	24,650	-11%	PASS	32,548	31,565	-3%	PASS
717650	210 EB ML SIERRA MADRE V2	125,282	123,616	-1%	PASS	20,361	21,820	7%	PASS	27,707	30,529	10%	PASS
717653	210 WB ML ROSEMEAD 1	137,095	123,567	-10%	PASS	26,803	23,392	-13%	PASS	31,671	29,799	-6%	PASS
717654	210 EB ML ROSEMEAD 1	116,764	119,639	2%	PASS	19,675	20,929	6%	PASS	24,086	29,087	21%	FAIL
717659	210 EB ML MICHILLINDA	123,639	120,460	-3%	PASS	20,634	21,054	2%	PASS	26,191	29,264	12%	PASS
717661	210 WB ML MICHILLINDA	129,314	116,407	-10%	PASS	23,992	21,736	-9%	PASS	30,134	28,068	-7%	PASS
717664	210 WB ML BALDWIN 2	117,603	116,879	-1%	PASS	19,781	21,842	10%	PASS	27,998	28,484	2%	PASS
717667	210 EB ML BALDWIN	113,419	110,864	-2%	PASS	19,283	19,472	1%	PASS	22,324	26,836	20%	FAIL
717672	210 EB ML SANTA ANITA 2	120,697	113,849	-6%	PASS	20,124	20,168	0%	PASS	24,732	27,663	12%	PASS
717673	210 WB ML MOUNT OLIVE DR / 605	95,903	108,468	13%	PASS	17,066	18,967	11%	PASS	22,036	26,789	22%	FAIL
717727	405 NB ML SANTA FE	123,056	113,958	-7%	PASS	23,305	22,229	-5%	PASS	28,503	25,544	-10%	PASS
717733	405 NB ML CARSON	132,048	103,606	-22%	FAIL	24,712	20,836	-16%	FAIL	30,111	24,315	-19%	FAIL
717735	405 NB ML AVALON	136,493	109,234	-20%	FAIL	25,888	21,565	-17%	FAIL	31,012	25,844	-17%	FAIL

STATIC HIGHWAY VEHICLE VOLUME VALIDATION

ID	LOCATION	DAILY				AM PERIOD (6-9AM)				PM PERIOD (3-7PM)			
		COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST
717740	405 NB ML VERMONT	140,972	106,803	-24%	FAIL	23,511	20,356	-13%	PASS	31,537	24,130	-23%	FAIL
717742	405 NB ML NORMANDIE1	140,884	121,223	-14%	FAIL	20,898	21,783	4%	PASS	32,876	26,695	-19%	FAIL
717752	405 NB ML REDONDO BEACH BL	131,023	118,798	-9%	PASS	22,424	22,205	-1%	PASS	30,213	26,817	-11%	PASS
717753	405 SB ML REDONDO BEACH BL	114,078	124,176	9%	PASS	18,213	20,683	14%	PASS	24,295	29,927	23%	FAIL
717758	405 NB ML INGLEWOOD 1	130,029	120,858	-7%	PASS	23,289	22,315	-4%	PASS	28,723	26,834	-7%	PASS
717760	405 NB ML INGLEWOOD 2	142,390	129,755	-9%	PASS	25,707	23,575	-8%	PASS	31,433	28,371	-10%	PASS
717763	405 NB ML ROSECRANS 1	147,964	126,367	-15%	FAIL	27,497	23,177	-16%	FAIL	31,971	27,515	-14%	FAIL
717769	405 NB ML EL SEGUNDO 1	114,188	112,558	-1%	PASS	19,326	19,950	3%	PASS	26,984	24,408	-10%	PASS
717779	405 NB ML LA TIJERA	131,240	141,978	8%	PASS	19,831	23,423	18%	FAIL	30,896	29,053	-6%	PASS
717787	405 NB ML CULVER	146,051	149,831	3%	PASS	24,979	24,320	-3%	PASS	28,210	30,915	10%	PASS
717794	405 NB ML PICO / OLYMPIC	159,259	153,591	-4%	PASS	30,052	25,084	-17%	FAIL	25,597	31,650	24%	FAIL
717795	405 SB ML PICO	178,186	154,609	-13%	PASS	29,738	24,076	-19%	FAIL	34,002	32,774	-4%	PASS
717797	405 NB ML SANTA MONICA	148,260	153,198	3%	PASS	26,723	25,016	-6%	PASS	25,364	31,797	25%	FAIL
717798	405 NB ML WILSHIRE2	132,931	142,871	7%	PASS	20,435	22,947	12%	PASS	27,841	30,667	10%	PASS
717799	405 NB ML CASHMERE	153,663	154,632	1%	PASS	28,017	24,261	-13%	PASS	30,072	33,522	11%	PASS
717800	405 NB ML SUNSET	139,551	151,037	8%	PASS	19,492	23,304	20%	FAIL	30,384	32,960	8%	PASS
717804	405 NB ML GETTY / SEPULVEDA	161,810	166,045	3%	PASS	21,892	25,256	15%	FAIL	36,691	34,919	-5%	PASS
717807	405 SB ML ROYAL RIDGE	154,101	153,919	0%	PASS	27,274	25,305	-7%	PASS	31,815	31,110	-2%	PASS
717818	405 NB ML BURBANK 2	113,769	122,345	8%	PASS	12,773	18,325	43%	FAIL	26,767	27,017	1%	PASS
717819	405 NB ML VICTORY	103,730	121,809	17%	FAIL	11,881	18,084	52%	FAIL	25,652	26,852	5%	PASS
717823	405 NB ML SHERMAN WAY	106,154	119,654	13%	PASS	12,658	17,173	36%	FAIL	26,708	26,235	-2%	PASS
717824	405 SB ML ROSCOE	96,916	119,714	24%	FAIL	16,071	19,735	23%	FAIL	22,313	22,675	2%	PASS
717825	405 NB ML ROSCOE	107,217	117,870	10%	PASS	13,868	16,899	22%	FAIL	27,751	26,033	-6%	PASS
717827	405 NB ML NORDHOFF	112,746	114,436	1%	PASS	15,126	16,279	8%	PASS	30,040	25,646	-15%	FAIL
717829	405 SB ML DEVONSHIRE 2	107,845	80,861	-25%	FAIL	20,604	12,651	-39%	FAIL	24,439	14,363	-41%	FAIL
717960	710 SB ML DEL AMO 1	93,365	88,562	-5%	PASS	18,312	15,211	-17%	FAIL	21,419	20,390	-5%	PASS
717962	710 NB ML DEL AMO 2	101,854	106,339	4%	PASS	17,031	18,988	11%	PASS	25,608	24,095	-6%	PASS
717963	710 SB ML LONG BEACH	104,216	95,118	-9%	PASS	20,896	16,341	-22%	FAIL	23,599	21,618	-8%	PASS
717966	710 NB ML LONG BEACH	101,264	98,319	-3%	PASS	17,229	17,479	1%	PASS	25,077	22,335	-11%	PASS
717970	710 SB ML ALONDRA	130,068	126,471	-3%	PASS	26,282	22,252	-15%	FAIL	28,989	28,604	-1%	PASS
717980	710 SB ML IMPERIAL 1	110,076	111,291	1%	PASS	19,036	18,498	-3%	PASS	26,501	24,305	-8%	PASS
718064	2 WB ML SAN FERNANDO RD	77,278	66,697	-14%	PASS	16,115	14,924	-7%	PASS	18,860	15,331	-19%	FAIL
718066	2 WB ML VERDUGO RD	77,265	63,244	-18%	FAIL	16,209	14,897	-8%	PASS	19,372	14,908	-23%	FAIL
718072	2 WB ML HOLLY DR	39,774	39,174	-2%	PASS	11,929	10,116	-15%	PASS	9,261	8,950	-3%	PASS
718143	101 SB ML TOPANGA 2	99,045	112,864	14%	FAIL	17,418	18,778	8%	PASS	22,362	26,115	17%	FAIL
718151	710 NB ML IMPERIAL 1	104,077	104,629	1%	PASS	15,691	18,212	16%	PASS	23,572	22,441	-5%	PASS
718164	110 NB ML SLAUSON	139,124	158,985	14%	FAIL	21,184	27,098	28%	FAIL	30,864	34,346	11%	PASS
718204	134 EB ML RIVERSIDE	105,650	117,117	11%	PASS	17,262	22,024	28%	FAIL	23,789	28,480	20%	FAIL
718210	210 WB ML MOUNTAIN AV	114,965	111,128	-3%	PASS	18,489	20,313	10%	PASS	27,688	27,707	0%	PASS
718247	405 SB ML SANTA FE	141,133	97,329	-31%	FAIL	23,115	17,205	-26%	FAIL	30,251	26,358	-13%	PASS
718253	405 SB ML CARSON	129,637	105,733	-18%	FAIL	21,158	18,521	-12%	PASS	29,353	28,007	-5%	PASS
718256	405 SB ML AVALON 2	126,389	110,088	-13%	PASS	21,015	19,529	-7%	PASS	27,758	28,628	3%	PASS
718258	405 SB ML MAIN	142,828	115,878	-19%	FAIL	24,954	20,556	-18%	FAIL	30,367	29,228	-4%	PASS
718259	405 NB ML MAIN	124,219	116,870	-6%	PASS	21,094	22,362	6%	PASS	27,785	27,446	-1%	PASS

STATIC HIGHWAY VEHICLE VOLUME VALIDATION

ID	LOCATION	DAILY				AM PERIOD (6-9AM)				PM PERIOD (3-7PM)			
		COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST
718265	405 SB ML CRENSHAW	114,520	113,955	0%	PASS	19,767	19,291	-2%	PASS	21,846	27,516	26%	FAIL
718266	405 NB ML CRENSHAW BLVD	121,556	112,103	-8%	PASS	18,515	20,742	12%	PASS	28,958	25,338	-13%	PASS
718267	405 NB ML YUKON	139,389	123,189	-12%	PASS	21,822	22,559	3%	PASS	33,371	27,683	-17%	FAIL
718277	405 SB ML INGLEWOOD 2	122,188	125,586	3%	PASS	18,759	20,136	7%	PASS	26,146	29,722	14%	PASS
718280	405 SB ML ROSECRANS1	132,016	127,878	-3%	PASS	20,520	20,622	0%	PASS	27,816	29,877	7%	PASS
718287	405 SB ML LA TIJERA	148,745	154,708	4%	PASS	23,270	24,252	4%	PASS	34,338	32,499	-5%	PASS
718292	405 NB ML N OF 90	123,320	132,133	7%	PASS	17,995	21,737	21%	FAIL	26,850	27,064	1%	PASS
718296	405 SB ML VENICE	148,583	152,431	3%	PASS	24,623	23,319	-5%	PASS	26,758	30,951	16%	FAIL
718300	405 SB ML SANTA MONICA	148,010	151,007	2%	PASS	25,042	23,925	-4%	PASS	28,295	32,328	14%	FAIL
718304	405 SB ML WILSHIRE 2	130,413	135,596	4%	PASS	23,674	22,038	-7%	PASS	24,805	28,463	15%	FAIL
718308	405 SB ML WATERFORD	165,854	146,545	-12%	PASS	29,573	23,848	-19%	FAIL	31,554	30,124	-5%	PASS
718312	405 SB ML GETTY / SEPULVEDA	146,839	141,602	-4%	PASS	25,591	22,641	-12%	PASS	30,738	28,133	-8%	PASS
718314	405 SB ML BEL AIR CR	144,327	150,728	4%	PASS	25,161	24,643	-2%	PASS	30,485	30,446	0%	PASS
718364	5 SB ML GASPAR	111,105	117,609	6%	PASS	19,841	19,573	-1%	PASS	17,203	25,096	46%	FAIL
718392	5 SB ML PAXTON	88,905	84,013	-6%	PASS	20,058	15,217	-24%	FAIL	16,858	17,470	4%	PASS
718410	10 EB ML SEPULVEDA	61,355	69,056	13%	PASS	10,215	10,776	5%	PASS	11,966	16,747	40%	FAIL
718411	10 WB ML SEPULVEDA	72,795	70,220	-4%	PASS	13,852	13,162	-5%	PASS	17,404	15,266	-12%	PASS
718414	10 WB ML HAUSER	120,939	133,588	10%	PASS	16,125	22,988	43%	FAIL	27,000	27,385	1%	PASS
718415	10 EB ML HAUSER	142,978	136,241	-5%	PASS	21,023	21,462	2%	PASS	29,247	29,807	2%	PASS
718421	10 EB ML SAN PEDRO ST	123,891	119,909	-3%	PASS	19,181	19,674	3%	PASS	26,878	26,009	-3%	PASS
718445	10 EB ML SAN GABRIEL 2	120,354	108,364	-10%	PASS	16,279	18,287	12%	PASS	31,339	26,248	-16%	FAIL
718479	405 SB ML INGLEWOOD 1	126,190	129,183	2%	PASS	19,427	21,024	8%	PASS	27,100	30,559	13%	PASS
718496	134 WB ML ALAMEDA SB	102,464	105,207	3%	PASS	17,311	18,531	7%	PASS	25,602	26,758	5%	PASS
737237	10 EB ML 20TH 2	65,111	70,800	9%	PASS	12,508	11,098	-11%	PASS	9,902	15,696	59%	FAIL
737529	405 SB ML SHERMAN WAY 2	95,936	121,801	27%	FAIL	14,642	19,832	35%	FAIL	22,242	22,935	3%	PASS
759257	10 EB ML LINCOLN	48,423	61,118	26%	FAIL	9,695	9,675	0%	PASS	9,059	13,648	51%	FAIL
759259	10 WB ML LINCOLN	55,702	54,329	-2%	PASS	9,759	8,954	-8%	PASS	14,327	11,877	-17%	PASS
759552	5 NB ML PARAMOUNT	110,044	102,346	-7%	PASS	16,812	17,461	4%	PASS	22,820	23,450	3%	PASS
759566	5 NB ML DITMAN	127,567	134,563	5%	PASS	19,037	22,064	16%	FAIL	23,543	28,940	23%	FAIL
759576	5 NB ML CALZONA	125,079	134,798	8%	PASS	18,746	22,217	19%	FAIL	23,537	28,859	23%	FAIL
759617	5 NB ML PAXTON	78,926	87,827	11%	PASS	10,534	12,618	20%	PASS	22,259	20,676	-7%	PASS
759636	5 NB ML ROXFORD	140,100	158,974	13%	PASS	18,640	21,380	15%	PASS	40,364	38,359	-5%	PASS
759700	5 SB ML CALZONA	158,376	136,941	-14%	FAIL	27,216	22,350	-18%	FAIL	19,396	27,756	43%	FAIL
759834	5 NB ML SAN FERNANDO 1	76,014	91,473	20%	FAIL	10,002	12,929	29%	FAIL	22,045	22,252	1%	PASS
759850	5 SB ML SAN FERNANDO 2	76,764	86,475	13%	PASS	17,274	15,874	-8%	PASS	14,351	18,109	26%	FAIL
759858	5 SB ML ROXFORD	144,153	162,335	13%	PASS	31,981	28,529	-11%	PASS	29,278	31,419	7%	PASS
760080	105 EB ML IMPERIAL 3	111,207	107,630	-3%	PASS	16,259	16,664	2%	PASS	21,215	25,277	19%	FAIL
760101	105 EB ML CRENSHAW 1	111,893	110,833	-1%	PASS	16,367	17,188	5%	PASS	23,494	25,604	9%	PASS
760187	105 EB ML CENTRAL	93,866	123,645	32%	FAIL	15,016	19,809	32%	FAIL	15,519	27,873	80%	FAIL
760196	105 EB ML WILMINGTON	113,091	122,589	8%	PASS	16,759	19,796	18%	FAIL	24,095	27,785	15%	FAIL
760226	105 EB ML LONG BEACH 1	100,483	131,556	31%	FAIL	15,279	21,567	41%	FAIL	21,440	29,367	37%	FAIL
760283	105 EB ML PARAMOUNT	108,874	117,923	8%	PASS	17,387	19,302	11%	PASS	23,495	25,893	10%	PASS
760330	105 EB ML BELLFLOWER 2	93,109	104,240	12%	PASS	15,318	17,462	14%	PASS	18,911	22,492	19%	FAIL
760369	105 WB ML BELLFLOWER 2	104,541	87,369	-16%	FAIL	18,061	14,454	-20%	FAIL	22,134	19,050	-14%	PASS

STATIC HIGHWAY VEHICLE VOLUME VALIDATION

ID	LOCATION	DAILY				AM PERIOD (6-9AM)				PM PERIOD (3-7PM)			
		COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST
760426	105 WB ML IMPERIAL 3	117,140	108,121	-8%	PASS	22,373	19,269	-14%	FAIL	22,105	22,765	3%	PASS
760440	105 WB ML CRENSHAW 1	143,863	120,200	-16%	FAIL	24,182	21,177	-12%	PASS	28,821	25,216	-13%	PASS
760473	105 WB ML VERMONT	129,798	116,318	-10%	PASS	19,719	20,175	2%	PASS	27,989	24,438	-13%	PASS
760512	105 WB ML CENTRAL	107,505	119,169	11%	PASS	18,289	20,903	14%	PASS	21,938	25,708	17%	FAIL
760535	105 WB ML WILMINGTON	103,266	118,766	15%	FAIL	16,842	20,893	24%	FAIL	21,299	25,721	21%	FAIL
760558	105 WB ML LONG BEACH 1	107,674	120,024	11%	PASS	16,847	21,022	25%	FAIL	22,770	26,021	14%	PASS
760643	110 SB ML 8TH	140,763	119,165	-15%	FAIL	25,086	19,022	-24%	FAIL	26,727	24,556	-8%	PASS
761128	210 EB ML HUNTINGTON 1	111,232	108,736	-2%	PASS	18,625	19,478	5%	PASS	22,469	26,358	17%	FAIL
761152	210 EB ML MYRTLE AV	114,468	109,481	-4%	PASS	18,819	19,878	6%	PASS	22,398	26,719	19%	FAIL
761165	210 EB ML MOUNTAIN	113,677	102,956	-9%	PASS	18,477	18,697	1%	PASS	23,167	24,352	5%	PASS
761177	210 EB ML BUENA VISTA	110,164	104,263	-5%	PASS	17,779	18,905	6%	PASS	22,789	25,117	10%	PASS
761191	210 EB ML MOUNT OLIVE DR / 605	104,276	105,111	1%	PASS	15,868	18,683	18%	FAIL	22,766	24,178	6%	PASS
761342	210 WB ML HUNTINGTON 1	112,100	109,056	-3%	PASS	18,271	19,752	8%	PASS	26,948	27,145	1%	PASS
761356	210 WB ML MYRTLE AV	111,271	110,155	-1%	PASS	17,459	19,964	14%	PASS	26,729	27,413	3%	PASS
761374	210 WB ML BUENA VISTA	108,367	108,416	0%	PASS	16,724	19,919	19%	FAIL	26,018	27,127	4%	PASS
761526	405 SB ML NORMANDIE 1	127,627	114,599	-10%	PASS	21,901	19,499	-11%	PASS	23,717	27,752	17%	FAIL
761541	405 SB ML EL SEGUNDO 1	109,582	121,472	11%	PASS	19,050	19,866	4%	PASS	20,134	28,382	41%	FAIL
761734	710 NB ML ALONDRA	112,883	135,795	20%	FAIL	17,511	23,655	35%	FAIL	28,953	29,625	2%	PASS
763251	110 SB ML VERNON	123,115	113,918	-7%	PASS	18,196	18,690	3%	PASS	22,687	24,930	10%	PASS
763259	110 SB ML SLAUSON	157,441	166,903	6%	PASS	23,564	27,769	18%	FAIL	37,182	37,450	1%	PASS
763309	110 SB ML EL SEGUNDO	135,579	109,174	-19%	FAIL	25,423	19,208	-24%	FAIL	32,567	26,889	-17%	FAIL
763314	110 SB ML ROSECRANS	123,345	108,406	-12%	PASS	22,982	19,336	-16%	FAIL	29,897	26,794	-10%	PASS
763325	10 WB ML OVERLAND	137,060	98,412	-28%	FAIL	23,698	17,968	-24%	FAIL	28,127	20,825	-26%	FAIL
763330	10 WB ML ARLINGTON 1	130,383	146,239	12%	PASS	15,076	24,343	61%	FAIL	31,188	30,852	-1%	PASS
763336	10 EB ML OVERLAND	101,942	92,543	-9%	PASS	16,581	14,314	-14%	PASS	17,064	22,517	32%	FAIL
763341	10 WB ML MANNING	127,794	111,040	-13%	PASS	22,260	19,971	-10%	PASS	27,326	23,288	-15%	FAIL
763361	110 NB ML ROSECRANS 2	119,965	102,571	-14%	FAIL	21,983	18,820	-14%	FAIL	28,435	24,169	-15%	FAIL
763367	110 NB ML EL SEGUNDO	114,417	106,331	-7%	PASS	19,671	19,892	1%	PASS	27,567	24,617	-11%	PASS
763429	110 NB ML VERNON	107,735	112,621	5%	PASS	12,605	19,021	51%	FAIL	23,427	23,920	2%	PASS
763439	110 NB ML EXPOSITION2	113,478	119,008	5%	PASS	18,732	19,636	5%	PASS	21,625	24,491	13%	PASS
763447	110 SB ML EXPOSITION2	122,625	106,674	-13%	PASS	18,685	17,352	-7%	PASS	22,174	23,333	5%	PASS
763621	110 SB ML REDONDO BEACH	120,631	102,421	-15%	FAIL	22,368	18,413	-18%	FAIL	29,424	25,721	-13%	PASS
763626	110 NB ML REDONDO BEACH	112,506	117,754	5%	PASS	21,133	22,010	4%	PASS	26,234	27,451	5%	PASS
763663	110 NB ML S OF 91	100,745	103,519	3%	PASS	21,127	19,428	-8%	PASS	24,221	23,579	-3%	PASS
764050	10 WB ML 20TH 1	72,334	69,258	-4%	PASS	12,748	11,989	-6%	PASS	17,314	15,012	-13%	PASS
764106	170 NB ML BURBANK	109,032	109,145	0%	PASS	14,257	17,531	23%	FAIL	31,011	25,543	-18%	FAIL
764115	170 NB ML VICTORY 1	88,480	97,310	10%	PASS	11,862	15,867	34%	FAIL	25,535	22,258	-13%	PASS
764137	210 WB ML MARENGO	171,158	149,188	-13%	PASS	34,332	27,477	-20%	FAIL	38,337	35,906	-6%	PASS
764146	210 WB ML SANTA ANITA 2	116,318	108,747	-7%	PASS	18,961	19,776	4%	PASS	27,378	27,120	-1%	PASS
764151	5 SB ML BRANFORD 2	128,620	151,028	17%	FAIL	20,897	28,179	35%	FAIL	32,523	32,422	0%	PASS
764156	5 NB ML BRANFORD 2	98,856	145,183	47%	FAIL	20,334	21,569	6%	PASS	23,252	34,839	50%	FAIL
764424	170 NB ML OXNARD	96,978	103,758	7%	PASS	12,720	16,598	30%	FAIL	28,066	24,002	-14%	FAIL
764671	405 SB ML N OF 90	163,610	145,176	-11%	PASS	27,043	22,223	-18%	FAIL	31,180	29,907	-4%	PASS
764949	101 NB ML BARHAM	132,139	135,720	3%	PASS	19,359	22,207	15%	PASS	28,707	30,367	6%	PASS

STATIC HIGHWAY VEHICLE VOLUME VALIDATION

ID	LOCATION	DAILY				AM PERIOD (6-9AM)				PM PERIOD (3-7PM)			
		COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST
765273	405 SB ML VICTORY 2	96,999	126,733	31%	FAIL	11,710	20,434	75%	FAIL	22,844	24,328	6%	PASS
765467	91 EB ML DOWNEY 2	135,901	118,850	-13%	PASS	22,715	21,769	-4%	PASS	33,058	28,534	-14%	FAIL
765941	118 EB ML MASON AVE	88,149	111,346	26%	FAIL	18,997	18,387	-3%	PASS	25,497	26,585	4%	PASS
765943	118 WB ML MASON AVE	86,015	110,899	29%	FAIL	19,038	17,540	-8%	PASS	24,158	25,683	6%	PASS
765976	118 WB ML CANOGA AVE	94,586	101,073	7%	PASS	19,928	15,746	-21%	FAIL	27,632	24,247	-12%	PASS
765978	118 EB ML CANOGA AVE	78,798	96,987	23%	FAIL	18,029	16,649	-8%	PASS	22,177	23,277	5%	PASS
766027	118 WB ML WHITE OAK AVE	126,291	132,127	5%	PASS	28,544	21,596	-24%	FAIL	34,101	29,785	-13%	PASS
766029	118 EB ML WHITE OAK AVE	121,595	127,363	5%	PASS	23,301	20,994	-10%	PASS	32,731	30,450	-7%	PASS
766184	118 WB ML LAUREL CYN BLVD	62,504	50,515	-19%	FAIL	13,701	10,122	-26%	FAIL	18,521	11,512	-38%	FAIL
766185	118 EB ML LAUREL CYN BLVD	61,905	55,830	-10%	PASS	11,385	9,081	-20%	PASS	19,352	14,614	-24%	FAIL
767053	405 SB ML BURBANK 2	90,852	135,256	49%	FAIL	11,383	21,995	93%	FAIL	20,992	26,355	26%	FAIL
767350	405 SB ML OXNARD ST	103,151	143,175	39%	FAIL	12,442	23,538	89%	FAIL	24,550	28,215	15%	FAIL
767351	405 NB ML OXNARD ST	115,843	130,293	12%	PASS	13,226	19,598	48%	FAIL	28,685	28,894	1%	PASS
767366	405 SB ML STAGG ST	116,469	130,365	12%	PASS	17,746	21,364	20%	FAIL	27,033	24,921	-8%	PASS
767367	405 NB ML STAGG ST	120,135	128,278	7%	PASS	15,753	18,613	18%	FAIL	30,636	28,151	-8%	PASS
767454	2 WB ML CONN ROUTE 134 EB	42,448	43,705	3%	PASS	12,416	11,174	-10%	PASS	9,991	9,801	-2%	PASS
767455	2 EB ML CONN ROUTE 134 EB	40,894	46,698	14%	PASS	4,713	7,136	51%	FAIL	17,363	16,261	-6%	PASS
767494	2 EB ML E/O ROUTE 5	34,338	33,723	-2%	PASS	3,856	6,148	59%	FAIL	12,862	12,061	-6%	PASS
767495	2 WB ML E/O ROUTE 5	28,426	23,768	-16%	PASS	7,218	6,765	-6%	PASS	7,073	6,062	-14%	PASS
767523	2 EB ML SAN FERNANDO RD	74,852	67,613	-10%	PASS	8,692	10,794	24%	FAIL	26,651	19,799	-26%	FAIL
767554	2 EB ML EAGLE ROCK BLVD	75,181	69,535	-8%	PASS	9,060	11,471	27%	FAIL	27,518	21,383	-22%	FAIL
767620	2 EB ML N/O YORK BLVD	85,225	76,740	-10%	PASS	11,747	12,981	11%	PASS	29,523	23,474	-20%	FAIL
767621	2 WB ML N/O YORK BLVD	75,433	81,767	8%	PASS	16,623	18,191	9%	PASS	19,505	19,316	-1%	PASS
767750	110 SB ML AVE 43	60,579	63,799	5%	PASS	12,643	13,450	6%	PASS	12,457	14,020	13%	PASS
767751	110 NB ML AVE 43	64,778	59,977	-7%	PASS	7,904	9,434	19%	PASS	19,957	16,132	-19%	FAIL
767767	110 SB ML ORANGE GROVE	28,338	34,125	20%	PASS	5,236	7,069	35%	FAIL	7,226	8,700	20%	PASS
767768	110 NB ML ORANGE GROVE	35,526	34,270	-4%	PASS	5,533	6,657	20%	PASS	11,086	10,327	-7%	PASS
767838	105 EB ML FM 405 NB	60,546	55,273	-9%	PASS	7,154	8,110	13%	PASS	12,497	14,177	13%	PASS
768202	2 EB ML HOLLY DR	39,338	41,999	7%	PASS	4,388	6,439	47%	FAIL	17,139	15,001	-12%	PASS
768283	210 EB ML ROXFORD ST	45,331	45,160	0%	PASS	10,994	8,796	-20%	PASS	11,287	9,833	-13%	PASS
768523	5 SB ML GREENWOOD	114,771	113,816	-1%	PASS	18,379	19,059	4%	PASS	21,400	24,816	16%	PASS
768626	405 SB ML NORDHOFF	103,302	116,996	13%	PASS	19,414	19,578	1%	PASS	23,354	22,156	-5%	PASS
768898	91 EB ML BELLFLOWER 1	139,015	112,024	-19%	FAIL	24,146	21,465	-11%	PASS	33,359	26,990	-19%	FAIL
768968	405 SB ML S OF 10	105,473	117,520	11%	PASS	16,860	18,154	8%	PASS	20,214	24,564	22%	FAIL
768969	405 NB ML S OF 10	105,746	114,546	8%	PASS	19,908	18,700	-6%	PASS	17,955	23,864	33%	FAIL
769105	10 WB ML CENTRAL AVE	98,511	118,704	20%	FAIL	16,863	20,197	20%	FAIL	19,568	25,185	29%	FAIL
769195	405 SB ML VERMONT	144,698	112,430	-22%	FAIL	23,547	19,056	-19%	FAIL	29,307	27,786	-5%	PASS
769346	101 NB ML WHITSETT AVE	137,346	121,019	-12%	PASS	22,584	20,628	-9%	PASS	30,602	28,216	-8%	PASS
769372	101 NB ML HOLLYWOOD	98,584	109,093	11%	PASS	16,981	18,063	6%	PASS	15,643	24,014	54%	FAIL
769373	101 SB ML HOLLYWOOD	111,249	105,656	-5%	PASS	21,150	17,299	-18%	FAIL	17,490	22,350	28%	FAIL
769405	101 SB ML N/O MULHOLLAND	159,328	139,830	-12%	PASS	29,289	23,447	-20%	FAIL	35,021	29,566	-16%	FAIL
769418	101 NB ML N/O MULHOLLAND	137,755	142,926	4%	PASS	20,126	23,593	17%	FAIL	30,157	32,395	7%	PASS
769788	210 EB ML BERKSHIRE	71,145	78,610	10%	PASS	15,242	16,103	6%	PASS	18,817	18,813	0%	PASS
769819	210 EB ML ANGELES CREST HWY NB	68,271	73,514	8%	PASS	15,975	15,127	-5%	PASS	17,651	18,181	3%	PASS

STATIC HIGHWAY VEHICLE VOLUME VALIDATION

ID	LOCATION	DAILY				AM PERIOD (6-9AM)				PM PERIOD (3-7PM)			
		COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST
769831	210 EB ML ANGELES CREST HWY SB	73,555	72,767	-1%	PASS	17,256	15,127	-12%	PASS	19,376	18,181	-6%	PASS
769847	210 EB ML OCEAN VIEW	59,107	92,966	57%	FAIL	13,337	20,570	54%	FAIL	15,440	23,019	49%	FAIL
769880	210 EB ML PENNSYLVANIA	87,844	89,457	2%	PASS	20,166	19,628	-3%	PASS	24,489	22,631	-8%	PASS
769911	210 WB ML PENNSYLVANIA	79,341	89,437	13%	PASS	10,741	14,824	38%	FAIL	28,972	26,580	-8%	PASS
769926	210 WB ML OCEAN VIEW	91,522	95,087	4%	PASS	11,929	15,335	29%	FAIL	32,886	29,132	-11%	PASS
769941	210 WB ML ANGELES CREST HWY SB	68,431	71,165	4%	PASS	10,664	11,905	12%	PASS	21,866	19,995	-9%	PASS
769953	210 WB ML ANGELES CREST HWY NB	69,438	56,390	-19%	FAIL	11,119	11,978	8%	PASS	22,103	12,748	-42%	FAIL
770000	210 WB ML BERKSHIRE	72,817	77,845	7%	PASS	11,898	12,735	7%	PASS	23,120	21,070	-9%	PASS
770024	210 EB ML HUBBARD	51,362	55,936	9%	PASS	13,243	12,000	-9%	PASS	12,357	13,005	5%	PASS
770036	210 EB ML MACLAY	65,396	65,612	0%	PASS	16,580	13,667	-18%	FAIL	15,186	15,023	-1%	PASS
770061	210 EB ML OSBORNE / FOOTHILL	68,652	74,928	9%	PASS	15,710	16,156	3%	PASS	19,465	19,367	-1%	PASS
770076	210 EB ML WHEATLAND	71,294	76,162	7%	PASS	16,220	16,248	0%	PASS	20,280	19,587	-3%	PASS
770229	210 WB ML HUBBARD	48,745	58,367	20%	PASS	6,678	8,722	31%	FAIL	15,924	16,783	5%	PASS
770243	210 WB ML MACLAY	58,146	68,664	18%	PASS	7,863	10,449	33%	FAIL	18,761	18,866	1%	PASS
770275	210 WB ML OSBORNE / FOOTHILL	72,435	78,681	9%	PASS	11,596	13,194	14%	PASS	25,863	22,871	-12%	PASS
770290	210 WB ML WHEATLAND	69,895	78,761	13%	PASS	11,275	13,194	17%	PASS	24,652	22,950	-7%	PASS
770303	210 WB ML ROXFORD	42,123	49,225	17%	PASS	5,800	7,475	29%	FAIL	13,647	13,069	-4%	PASS
770578	210 EB ML WINONA WAY	71,958	83,979	17%	FAIL	15,039	15,888	6%	PASS	17,492	19,125	9%	PASS
770579	210 WB ML WINONA WAY	44,284	88,587	100%	FAIL	6,967	14,254	105%	FAIL	14,247	21,880	54%	FAIL
771690	118 EB ML FOX	131,777	104,297	-21%	FAIL	23,983	17,808	-26%	FAIL	37,351	25,043	-33%	FAIL
771691	118 WB ML FOX	132,561	98,563	-26%	FAIL	26,467	17,508	-34%	FAIL	37,702	22,717	-40%	FAIL
771767	405 NB ML DEVONSHIRE 1	127,331	112,962	-11%	PASS	18,258	15,852	-13%	PASS	32,913	24,921	-24%	FAIL
771807	405 SB ML LASSEN	126,154	123,915	-2%	PASS	23,139	20,723	-10%	PASS	28,767	23,813	-17%	FAIL
771808	405 NB ML LASSEN	143,706	121,356	-16%	FAIL	20,357	17,438	-14%	PASS	35,125	27,045	-23%	FAIL
771877	405 NB ML SO. OF 710	113,027	95,229	-16%	FAIL	20,561	19,248	-6%	PASS	25,853	22,088	-15%	FAIL
771879	405 SB ML SO. OF 710	112,402	76,936	-32%	FAIL	18,257	13,683	-25%	FAIL	26,864	21,370	-20%	FAIL
771997	405 SB ML SAN FERNANDO	63,890	83,175	30%	FAIL	13,800	13,167	-5%	PASS	13,410	14,291	7%	PASS
772011	405 NB ML RINALDI	66,046	69,446	5%	PASS	10,571	8,808	-17%	PASS	15,870	15,037	-5%	PASS
772454	405 SB ML PALMS BLVD	164,828	157,490	-4%	PASS	26,711	24,245	-9%	PASS	30,704	32,035	4%	PASS
772455	405 NB ML PALMS BLVD	172,384	153,638	-11%	PASS	31,817	24,759	-22%	FAIL	30,790	31,909	4%	PASS
772582	101 SB ML FALLBROOK	103,800	119,323	15%	FAIL	17,156	19,565	14%	PASS	26,838	28,226	5%	PASS
772583	101 NB ML FALLBROOK	106,100	115,487	9%	PASS	19,854	19,503	-2%	PASS	25,337	25,393	0%	PASS
772609	101 NB ML CORBIN	163,802	146,245	-11%	PASS	28,006	24,779	-12%	PASS	37,364	32,222	-14%	FAIL
772610	101 SB ML CORBIN	139,623	133,244	-5%	PASS	20,894	22,208	6%	PASS	34,545	29,819	-14%	FAIL
772701	710 SB ML E/B ANAHEIM - S/B710	67,802	53,021	-22%	FAIL	12,788	8,946	-30%	FAIL	14,569	12,740	-13%	PASS
772980	710 NB ML W/B ANAHEIM- N/B 710	68,277	60,783	-11%	PASS	11,617	11,542	-1%	PASS	14,900	13,921	-7%	PASS
773023	101 NB ML BROADWAY	99,306	110,848	12%	PASS	15,338	18,561	21%	FAIL	22,155	23,793	7%	PASS
773024	101 SB ML BROADWAY	117,920	106,181	-10%	PASS	17,650	17,590	0%	PASS	26,449	22,905	-13%	PASS
773281	60 EB ML EUCLID	127,525	105,230	-17%	FAIL	14,971	16,836	12%	PASS	35,175	25,425	-28%	FAIL
773381	91 EB ML BUTLER	120,736	103,123	-15%	FAIL	18,432	17,716	-4%	PASS	30,685	28,122	-8%	PASS
773382	91 WB ML BUTLER	132,291	99,198	-25%	FAIL	24,778	20,762	-16%	FAIL	28,446	23,850	-16%	FAIL
774011	134 EB ML TOWNSEND	117,885	117,327	0%	PASS	19,154	21,767	14%	PASS	33,173	30,423	-8%	PASS
774012	134 WB ML TOWNSEND	114,525	113,117	-1%	PASS	24,332	22,986	-6%	PASS	27,530	29,032	5%	PASS
774204	134 WB ML ALAMEDA 2 NB	100,876	107,507	7%	PASS	17,117	21,182	24%	FAIL	25,672	25,485	-1%	PASS

STATIC HIGHWAY VEHICLE VOLUME VALIDATION

ID	LOCATION	DAILY				AM PERIOD (6-9AM)				PM PERIOD (3-7PM)			
		COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST
774372	710 SB ML NORTH OF LONG BEACH	118,836	98,547	-17%	FAIL	23,764	17,046	-28%	FAIL	27,032	22,400	-17%	FAIL
774373	710 NB ML NORTH OF LONG BEACH	120,745	106,472	-12%	PASS	20,441	18,869	-8%	PASS	30,307	24,075	-21%	FAIL
774389	710 SB ML WILLOW STREET	85,379	67,983	-20%	FAIL	15,443	11,559	-25%	FAIL	19,656	16,013	-19%	FAIL
774411	710 NB ML WILLOW STREET	85,953	75,276	-12%	PASS	15,066	13,906	-8%	PASS	19,067	16,969	-11%	PASS
774658	110 NB ML 8TH	73,694	94,162	28%	FAIL	15,103	14,854	-2%	PASS	9,333	19,001	104%	FAIL
774671	110 SB ML 14TH STREET	80,107	80,095	0%	PASS	14,621	12,584	-14%	PASS	13,214	17,053	29%	FAIL
774672	110 NB ML 14TH STREET	74,692	82,982	11%	PASS	14,822	13,443	-9%	PASS	10,168	16,911	66%	FAIL
775239	405 SB ML SUNSET 1	147,264	142,585	-3%	PASS	26,694	23,546	-12%	PASS	29,266	29,211	0%	PASS
775249	405 SB ML CASHMERE	128,022	146,545	14%	FAIL	19,389	23,848	23%	FAIL	25,871	30,124	16%	FAIL
775261	405 NB ML WATERFORD	154,026	154,632	0%	PASS	23,470	24,261	3%	PASS	31,518	33,522	6%	PASS

PASS	1,782	PASS	1,674	PASS	1,680
FAIL	428	FAIL	536	FAIL	530
PASS %	81%	PASS %	76%	PASS %	76%

STATIC HIGHWAY SCREENLINE VOLUME VALIDATION

ID	SCREENLINE	DAILY				AM PERIOD (6-9AM)				PM PERIOD (3-7PM)			
		COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST	COUNT	MODEL	DEV	TEST
101	Ventura Blvd	465,475	420,545	-10%	PASS	89,660	81,157	-9%	PASS	121,001	100,006	-17%	PASS
102	e/o Interstate 5	350,858	324,002	-8%	PASS	71,989	66,094	-8%	PASS	94,702	94,457	0%	PASS
103	55th Street	324,691	296,847	-9%	PASS	66,718	61,380	-8%	PASS	93,360	83,037	-11%	PASS
104	Victory Blvd	663,925	650,067	-2%	PASS	132,224	118,301	-11%	PASS	181,160	157,650	-13%	PASS
105	Sepulveda Blvd	636,190	585,187	-8%	PASS	110,918	107,361	-3%	PASS	169,530	153,043	-10%	PASS
106	Washington Blvd	701,013	735,012	5%	PASS	130,874	142,737	9%	PASS	184,993	193,211	4%	PASS
107	Hayvenhurst	358,961	355,253	-1%	PASS	75,647	68,960	-9%	PASS	100,471	93,818	-7%	PASS
108	Western Ave	726,823	688,023	-5%	PASS	131,832	135,694	3%	PASS	196,405	188,212	-4%	PASS
109	Nornmandie Ave	112,939	115,543	2%	PASS	21,381	20,677	-3%	PASS	32,935	28,975	-12%	PASS
110	Topanga Canyon Blvd	167,802	162,856	-3%	PASS	28,985	27,246	-6%	PASS	48,201	38,543	-20%	PASS
111	La Cienega Blvd	331,750	284,394	-14%	PASS	59,999	54,759	-9%	PASS	90,054	75,703	-16%	PASS
112	Highland Park	72,546	66,614	-8%	PASS	14,636	13,303	-9%	PASS	21,839	17,622	-19%	PASS
113	Figueroa St	819,386	704,850	-14%	PASS	151,638	132,887	-12%	PASS	216,602	183,075	-15%	PASS
114	Glenoaks	56,695	55,727	-2%	PASS	10,395	9,649	-7%	PASS	15,976	11,732	-27%	PASS
115	3rd St	523,053	495,024	-5%	PASS	91,102	96,638	6%	PASS	131,459	137,533	5%	PASS
116	Imperial Hwy	73,504	68,143	-7%	PASS	15,063	13,316	-12%	PASS	21,151	20,137	-5%	PASS
117	Venice Blvd	349,829	326,517	-7%	PASS	63,833	64,057	0%	PASS	97,036	87,040	-10%	PASS
118	Lassen St	246,086	253,927	3%	PASS	44,788	44,241	-1%	PASS	68,917	59,999	-13%	PASS
119	Reseda Blvd	298,874	310,683	4%	PASS	56,453	57,119	1%	PASS	87,446	79,865	-9%	PASS
120	Laurel Canyon Blvd	208,409	187,068	-10%	PASS	38,404	34,191	-11%	PASS	56,024	47,753	-15%	PASS

PASS 19
 FAIL 0
 PASS % 100%

PASS 19
 FAIL 0
 PASS % 100%

PASS 19
 FAIL 0
 PASS % 100%

**APPENDIX G:
DYNAMIC VALIDATION**



DYNAMIC TESTS: SOCIOECONOMIC DATA AND PERSON TRIP GENERATION

Downtown: TAZ 3298

Households	Person Trips	Marginal Rate
19 Households	147	7.7
+1 Household	153	6.9
+10 Households	224	7.8
+50 Households	531	7.7
+100 Households	916	7.7
+1,000 Households	7,823	7.7
+10,000 Households	76,868	7.7

Downtown: TAZ 3269

Employees	Person Trips	Marginal Rate
5,869 Employees	22,624	3.9
+1 Employee	22,626	2.1
+10 Employees	22,661	3.7
+50 Employees	22,817	3.9
+100 Employees	23,004	3.8
+1,000 Employees	26,502	3.9
+10,000 Employees	61,462	3.9

Westside: TAZ 821

Households	Person Trips	Marginal Rate
459 Households	5,103	11.1
+1 Household	5,124	20.8
+10 Households	5,220	11.6
+50 Households	5,664	11.2
+100 Households	6,218	11.1
+1,000 Households	16,251	11.1
+10,000 Households	116,611	11.2

Westside: TAZ 1031

Employees	Person Trips	Marginal Rate
5,577 Employees	22,625	4.1
+1 Employee	22,627	2.7
+10 Employees	22,653	2.8
+50 Employees	22,828	4.1
+100 Employees	23,029	4.0
+1,000 Employees	26,693	4.1
+10,000 Employees	63,448	4.1

Warner Center: TAZ 40

Households	Person Trips	Marginal Rate
241 Households	2,891	12.0
+1 Household	2,905	13.7
+10 Households	3,007	11.6
+50 Households	3,489	12.0
+100 Households	4,087	12.0
+1,000 Households	14,879	12.0
+10,000 Households	122,842	12.0

Warner Center: TAZ 84

Employees	Person Trips	Marginal Rate
2,864 Employees	27,022	9.4
+1 Employee	27,025	2.7
+10 Employees	27,118	9.6
+50 Employees	27,508	9.7
+100 Employees	27,972	9.5
+1,000 Employees	36,477	9.5
+10,000 Employees	121,543	9.5

Sun Valley: TAZ 552

Households	Person Trips	Marginal Rate
474 Households	7,048	14.9
+1 Household	7,065	17.7
+10 Households	7,185	13.8
+50 Households	7,785	14.8
+100 Households	8,532	14.8
+1,000 Households	21,923	14.9
+10,000 Households	155,822	14.9

Sun Valley: TAZ 785

Employees	Person Trips	Marginal Rate
2,206 Employees	10,349	4.7
+1 Employee	10,350	1.0
+10 Employees	10,395	4.5
+50 Employees	10,589	4.8
+100 Employees	10,825	4.8
+1,000 Employees	15,061	4.7
+10,000 Employees	57,541	4.7

Harbor Gateway: TAZ 1884

Households	Person Trips	Marginal Rate
499 Households	5,505	11.0
+1 Household	5,524	18.8
+10 Households	5,619	11.4
+50 Households	6,061	11.1
+100 Households	6,619	11.1
+1,000 Households	16,570	11.1
+10,000 Households	116,169	11.1

Harbor Gateway: TAZ 1992

Employees	Person Trips	Marginal Rate
2,840 Employees	11,360	4.0
+1 Employee	11,361	0.9
+10 Employees	11,389	2.9
+50 Employees	11,551	3.8
+100 Employees	11,759	4.0
+1,000 Employees	15,384	4.0
+10,000 Employees	51,590	4.0

DYNAMIC TESTS: HIGHWAY NETWORK CAPACITY ADJUSTMENTS

Capacity Increase on Congested Facility

Link ID	Roadway	Base Volume	Scenario Volume	Volume Difference	Percent Difference
2683222	Melrose Avenue	9,548	9,205	-343	-4%
104173	Beverly Boulevard	8,931	8,613	-318	-4%
2668552	3rd Street (50% Increase)	10,679	13,027	2,348	22%
2683361	6th Street	11,818	11,112	-707	-6%
2668057	Wilshire Boulevard	12,240	12,163	-78	-1%
2668042	8th Street	4,026	3,862	-164	-4%
2668033	Olympic Boulevard	10,528	10,390	-137	-1%

Capacity Decrease on Congested Facility

Link ID	Roadway	Base Volume	Scenario Volume	Volume Difference	Percent Difference
2683222	Melrose Avenue	9,548	10,119	571	6%
104173	Beverly Boulevard	8,931	9,672	740	8%
2668552	3rd Street (50% Decrease)	10,679	6,781	-3,898	-37%
2683361	6th Street	11,818	12,812	994	8%
2668057	Wilshire Boulevard	12,240	12,461	221	2%
2668042	8th Street	4,026	4,195	169	4%
2668033	Olympic Boulevard	10,528	10,725	198	2%

Capacity Increase on Uncongested Facility

Link ID	Roadway	Base Volume	Scenario Volume	Volume Difference	Percent Difference
2672352	Parthenia Street	4,053	4,042	-11	0%
2672353	Roscoe Boulevard	12,071	12,152	81	1%
2672272	Strathern Street (50% Increase)	120	120	0	0%
2672015	Saticoy Street	6,214	6,221	6	0%
103090	Sherman Way	7,598	7,571	-27	0%

Capacity Decrease on Uncongested Facility

Link ID	Roadway	Base Volume	Scenario Volume	Volume Difference	Percent Difference
2672352	Parthenia Street	4,053	4,045	-8	0%
2672353	Roscoe Boulevard	12,071	12,132	61	1%
2672272	Strathern Street (50% Decrease)	120	119	-1	-1%
2672015	Saticoy Street	6,214	6,207	-7	0%
103090	Sherman Way	7,598	7,568	-30	0%

**APPENDIX H:
2040 NETWORK PROJECTS**



HIGHWAY PROJECTS

PROJECT ID	SOURCE	TYPE	DESCRIPTION
LA0C8042	FTIP	LOCAL HIGHWAY	WIDEN VANOWEN ST BRIDGE
LA0C8046	FTIP	LOCAL HIGHWAY	WIDEN BURBANK BLVD BETWEEN LANKERSHIM BLVD AND CLEON AVE
LA0C8064	FTIP	LOCAL HIGHWAY	WIDEN SAN FERNANDO MISSION BLVD BETWEEN SEPULVEDA BLVD AND I-5
LA0C8084	FTIP	LOCAL HIGHWAY	WIDEN WINNETKA AVE BRIDGE
LA0D173	FTIP	LOCAL HIGHWAY	WIDEN SEPULVEDA BLVD BRIDGE OVER DOMINGUEZ CHANNEL
LA0D260	FTIP	LOCAL HIGHWAY	IMPROVE SR 90/SR 1 INTERCHANGE
LA0D390	FTIP	LOCAL HIGHWAY	IMPROVE SR 47/I-110 INTERCHANGE
LA0D442	FTIP	LOCAL HIGHWAY	WIDEN PECK RD BRIDGE OVER SAN GABRIEL RIVER
LA0D465	FTIP	LOCAL HIGHWAY	WIDEN COLIMA RD BETWEEN CITY OF WHITTIER LIMIT AND FULLERTON RD
LA0G1053	FTIP	LOCAL HIGHWAY	WIDEN INGLEWOOD AVE BETWEEN ROSECRANS AVE AND MARINE AVE
LA0G1105	FTIP	LOCAL HIGHWAY	WIDEN TELEGRAPH RD BRIDGE OVER SAN GABRIEL RIVER
LA0G1106	FTIP	LOCAL HIGHWAY	WIDEN WASHINGTON BLVD BRIDGE OVER RIO HONDO RIVER
LA0G1140	FTIP	LOCAL HIGHWAY	ROAD DIET ON MAINE AVE BETWEEN LOS ANGELES ST AND ARROW HWY
LA0G1147	FTIP	LOCAL HIGHWAY	WIDEN GARFIELD AVE BETWEEN 70TH ST AND HOWERY ST
LA0G451	FTIP	LOCAL HIGHWAY	WIDEN HIGUERA ST BRIDGE BETWEEN EASTHAM DR AND JEFFERSON BLVD
LA0G998	FTIP	LOCAL HIGHWAY	WIDEN FULLERTON RD BETWEEN SR 60 EASTBOUND RAMPS AND CAMINO BELLO
LA990359	FTIP	LOCAL HIGHWAY	WIDEN E WALNUT DR AND GALES AVE AT NOGALES AVE
LA996347	FTIP	LOCAL HIGHWAY	WIDEN FIRESTONE BLVD BRIDGE OVER LOS ANGELES RIVER
LAE1920	FTIP	LOCAL HIGHWAY	WIDEN DEL AMO BLVD BETWEEN NORMANDIE AVE AND NEW HAMPSHIRE
LAE2515	FTIP	LOCAL HIGHWAY	WIDEN BUNDY DR BETWEEN WILSHIRE BLVD AND SANTA MONICA BLVD (INCLUDED IN 2016 MODEL)
LAE2906	FTIP	LOCAL HIGHWAY	WIDEN INGLEWOOD AVE BETWEEN MANHATTAN BEACH BLVD AND W 156TH ST

PROJECT ID	SOURCE	TYPE	DESCRIPTION
LAE3069	FTIP	LOCAL HIGHWAY	WIDEN SEPULVEDA BLVD BETWEEN JEFFERSON BLVD TO GREEN VALLEY CIRCLE
LAE3085	FTIP	LOCAL HIGHWAY	WIDEN WASHINGTON BLVD BETWEEN CITY OF VERNON LIMIT AND TELEGRAPH RD
LAF1141	FTIP	LOCAL HIGHWAY	WIDEN VICTORY PL BETWEEN TOPANGA CANYON BLVD AND DE SOTO AVE
LAF1178	FTIP	LOCAL HIGHWAY	WIDEN FIRESTONE BLVD AND ATLANTIC AVE AT INTERSECTION
LAF3114	FTIP	LOCAL HIGHWAY	WIDEN LAKEWOOD BLVD
LAF3124	FTIP	LOCAL HIGHWAY	WIDEN FIRESTONE BLVD
LAF3171	FTIP	LOCAL HIGHWAY	WIDEN DE SOTO AVE BETWEEN SR 118 AND DEVONSHIRE ST
LAF5129	FTIP	LOCAL HIGHWAY	WIDEN VALLEY BLVD
LAF7109	FTIP	LOCAL HIGHWAY	WIDEN SOTO ST BETWEEN MULTNOMAH ST TO MISSION RD
LAF7118	FTIP	LOCAL HIGHWAY	WIDEN FLORENCE AVE BRIDGE OVER SAN GABRIEL RIVER
LAF7123	FTIP	LOCAL HIGHWAY	WIDEN MAGNOLIA BLVD BETWEEN CAHUENGA BLVD AND VINELAND AVE
LAF7131	FTIP	LOCAL HIGHWAY	EXTEND CENTURY BLVD BETWEEN GRAPE ST AND ALAMEDA ST
LAF7204	FTIP	LOCAL HIGHWAY	REALIGN PIER B ST BETWEEN PICO AVE AND PIER A WY
LAF7205	FTIP	LOCAL HIGHWAY	WIDEN ALAMEDA ST BETWEEN ANAHEIM ST AND PACIFIC COAST HWY
LAF7207	FTIP	LOCAL HIGHWAY	WIDEN ANAHEIM ST BETWEEN FARRAGUT AVE AND DOMINGUEZ CHANNEL
LAOB422	FTIP	LOCAL HIGHWAY	IMPROVE SR 110/FAIR OAKS AVE INTERSECTION
LA000357	FTIP	STATE HIGHWAY	CONSTRUCT I-5 HOV LANES BETWEEN SR 170 AND SR 118 (INCLUDED IN 2016 MODEL)
LA000358	FTIP	STATE HIGHWAY	CONSTRUCT I-5 HOV LANES BETWEEN SR 134 AND SR 170 (PARTIALLY INCLUDED IN 2016)
LA000512	FTIP	STATE HIGHWAY	WIDEN SR 47 GERALD DESMOND BRIDGE OVER ENTRANCE CHANNEL
LA000548	FTIP	STATE HIGHWAY	CONSTRUCT I-10 HOV LANES BETWEEN PUENTE AND CITRUS
LAOB408	FTIP	STATE HIGHWAY	CONSTRUCT I-405 HOV LANES BETWEEN I-10 AND US 101 (INCLUDED IN 2016 MODEL)
LAOB875	FTIP	STATE HIGHWAY	CONSTRUCT I-10 HOV LANES BETWEEN CITRUS AND SR 57
LAOC8080	FTIP	STATE HIGHWAY	WIDEN SR 1 BETWEEN 33RD ST AND ROSECRANS AVE
LAOD332	FTIP	STATE HIGHWAY	WIDEN I-405 BETWEEN LA TIJERA BLVD AND JEFFERSON BLVD (INCLUDED IN 2016 MODEL)

PROJECT ID	SOURCE	TYPE	DESCRIPTION
LA0D441	FTIP	STATE HIGHWAY	IMPROVE I-605/VALLEY BLVD INTERSECTION
LA0D73	FTIP	STATE HIGHWAY	WIDEN I-5 BETWEEN ORANGE COUNTY LINE AND I-605
LA0F098	FTIP	STATE HIGHWAY	IMPROVE I-10/I-605 INTERCHANGE
LA0G141	FTIP	STATE HIGHWAY	CONVERT HOV LANES TO HOT LANES ON I-10 AND I-110 (INCLUDED IN 2016 MODEL)
LA0G874	FTIP	STATE HIGHWAY	IMPROVE I-405/CRENSHAW BLVD INTERSECTION
LAF1103	FTIP	STATE HIGHWAY	IMPROVE I-405/WILMINGTON AVE INTERSECTION
1120007	RTP_F	LOCAL HIGHWAY	IMPROVE SR 47/FRONT ST INTERCHANGE
1160011	RTP_F	LOCAL HIGHWAY	CONSTRUCT 'C' STREET BETWEEN IMPERIAL HWY AND W 111TH ST
1160012	RTP_F	LOCAL HIGHWAY	EXTEND 98TH ST BETWEEN BELLANCE AVE AND LA CIENEGA BLVD
1160013	RTP_F	LOCAL HIGHWAY	EXTEND CONCOURSE WAY BETWEEN 98TH AND CENTURY BLVD
1160014	RTP_F	LOCAL HIGHWAY	WIDEN SEPULVEDA BLVD BETWEEN SEPULVEDA TUNNEL AND W 96TH ST
1160015	RTP_F	LOCAL HIGHWAY	WIDEN AIRPORT BLVD BETWEEN 98TH ST AND W ARBOR VITAE ST
1160016	RTP_F	LOCAL HIGHWAY	WIDEN W ARBOR VITAE ST BETWEEN AIRPORT BLVD AND LA CIENEGA BLVD
1160017	RTP_F	LOCAL HIGHWAY	WIDEN W ARBOR VITAE ST OVERCROSSING BRIDGE
1160020	RTP_F	LOCAL HIGHWAY	WIDEN CENTURY BLVD BETWEEN 'A' STREET AND AVIATION BLVD (INCLUDED IN 2016 MODEL)
1160021	RTP_F	LOCAL HIGHWAY	WIDEN AVIATION BLVD BETWEEN CENTURY BLVD AND W ARBOR VITAE ST
1160022	RTP_F	LOCAL HIGHWAY	WIDEN LA CIENEGA BLVD BETWEEN CENTURY BLVD AND W ARBOR VITAE ST
1160003	RTP_F	STATE HIGHWAY	CONSTRUCT I-110 NORTHBOUND HOV/HOT OFF-RAMP AT 28TH ST
1160024	RTP_F	STATE HIGHWAY	CONSTRUCT I-105 AND I-405 RAMPS TO CONRAC/LAMP FACILITIES
1H0103	RTP_F	STATE HIGHWAY	CONSTRUCT I-5/I-405 HOV LANE PARTIAL CONNECTER
1M0802	RTP_F	STATE HIGHWAY	IMPROVE US 101/UNIVERSAL TERRACE PKWY INTERCHANGE
LA0D45	RTP_F	STATE HIGHWAY	CONSTRUCT SR 47 EXPRESSWAY AND FLYOVER TO SCHUYLER HEIM BRIDGE

Sources: 2015 Federal Transportation Improvement Program (FTIP) and 2016 Financially Constrained SCAG RTP/SCS (RTP_F)

TRANSIT PROJECTS

PROJECT ID	SOURCE	TYPE	DESCRIPTION
LA29202W	FTIP	TRANSIT	WILSHIRE BLVD BRT (INCLUDED IN 2016 MODEL)
LA0G010	FTIP	TRANSIT	METRO REGIONAL CONNECTOR
LA0F021	FTIP	TRANSIT	METRO EXPO LINE EXTENSION PHASE II TO SANTA MONICA
LA0G558	FTIP	TRANSIT	METRO GOLD LINE EXTENSION PHASE I TO AZUSA
LA29212XY	FTIP	TRANSIT	METRO GOLD LINE EXTENSION PHASE II TO COUNTY LINE
LA0G626	FTIP	TRANSIT	METRO GOLD LINE EASTSIDE EXTENSION PHASE II TO EAST LOS ANGELES
LA0D198	FTIP	TRANSIT	CRENSHAW LIGHT RAIL BETWEEN EXPOSITION BLVD AND GREEN LINE
LA0G447	FTIP	TRANSIT	METRO PURPLE LINE EXTENSION PHASE I TO LA CIENEGA
LA0G1092	FTIP	TRANSIT	METRO PURPLE LINE EXTENSION PHASE II TO CENTURY CITY
LA0G642	FTIP	TRANSIT	METRO PURPLE LINE EXTENSION PHASE III TO WESTWOOD
1160001	RTP_F	TRANSIT	SEPULVEDA PASS EXPRESS BUS TRANSIT CORRIDOR
1TR0706	RTP_F	TRANSIT	EAST SAN FERNANDO VALLEY BRT TRANSIT CORRIDOR
1TR0101	RTP_F	TRANSIT	METRO GREEN LINE EXTENSION TO AIRPORT METRO CONNECTOR STATION
1120005	RTP_F	TRANSIT	METRO GREEN LINE EXTENSION TO NORWALK METROLINK STATION
1TR1001	RTP_F	TRANSIT	METRO GREEN LINE EXTENSION TO TORRANCE TRANSIT CENTER
1120004	RTP_F	TRANSIT	METRO RED LINE EXTENSION TO BURBANK BOB HOPE AIRPORT
1120003	RTP_F	TRANSIT	SLAUSON LIGHT RAIL BETWEEN CRENSHAW LINE AND BLUE LINE
1120002	RTP_F	TRANSIT	VERMONT BRT BETWEEN WILSHIRE AND EXPOSITION
1TR1011	RTP_F	TRANSIT	WEST SANTA ANA LIGHT RAIL TO HUNTINGTON PARK

Sources: 2015 Federal Transportation Improvement Program (FTIP) and 2016 Financially Constrained SCAG RTP/SCS (RTP_F)