

Final Report

340 South Hill Street Project Transportation Impact Study

Prepared for Equity Residential
by IBI Group

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1 Introduction

Equity Residential is preparing plans for a new high-rise multi-family residential project at 340 S. Hill Street, which is located north of 4th Street and east of Hill Street in Downtown Los Angeles. The project site is in Council District 14, which is represented by Councilmember Jose Huizar. The Department of City Planning case number for this project is ENV-2015-982-EIR.

The Project site is made up of six parcels (Assessor Parcel Numbers (APNs) 5149-015-024, 5149-015-027, 5149-015-030, 5149-015-004, 5149-015-005, and 5149-015-013) and includes 338, 340, 342, 348, 352, 356 South Hill Street and 311, 321 West 4th Street. The existing uses on the site comprise an 850 square foot restaurant and a 109-space surface parking lot. The existing uses would be demolished to construct a 33-story tower with 428 multi-family residential units (including 22 very-low-income housing units), a 2,980 square foot leasing office and up to 2,630 square feet of neighborhood-serving retail land uses. The project also provides a total of 435 parking spaces via a two and a half level subterranean parking garage with access from 4th Street and seven-story parking podium with access from Hill Street.

The traffic study prepared for this project conforms to the guidelines, analysis methodology, assumptions and criteria for significant impact presented in the *Traffic Study Policies and Procedures* document released by the City of Los Angeles Department of Transportation in December 2016.

The Traffic Study Memorandum of Understanding (MOU) for this project was approved on June 6th, 2017 and is included in the Appendix.

This report consists of the following sections:

- 1 Introduction
- 2 Existing (Year 2017) Conditions
- 3 Project Buildout (Year 2021) Conditions
- 4 Proposed Project
- 5 Level of Service Analysis Results
- 6 Project Access Driveways
- 7 Los Angeles Congestion Management Plan (CMP)
- 8 Alignment with Vision Zero
- 9 Mitigation Measures
- 10 Conclusion

Section 1 provides a brief description of the project and the contents of this report. Section 2 describes the existing land use, roadway, intersection, traffic volume and transit conditions in the study area. Section 3 presents the increase in traffic volume forecast to occur due to ambient traffic growth and cumulative projects. Section 4 includes a description of the project, the proposed trip generation and trip distribution assumptions, the forecast project trip volumes, and the existing and future traffic volumes with the project. The intersection level of service analysis results are summarized in Section 5, and the signal warrant analysis results for the project access driveways are presented in Section 6. The Los Angeles Congestion Management Plan requirements are addressed in Section 7, and the Project requirements associated with Vision Zero are discussed in Section 8. Project mitigation measures are described in Section 9, and the traffic study conclusions are presented in Section 10.

2 Existing (Year 2017) Conditions

2.1 Project Location and Study Area

The project site is located on the northeast corner of 4th Street and Hill Street, in the Historic Core of Downtown Los Angeles. The project location is shown in Figure 1. Land uses adjacent to the site include transit, commercial (restaurants, markets, retail, theaters, etc.), and high-density multi-family. The Project site is immediately adjacent to the Metro Red Line's Pershing Square subway station North-East portal. Angel's Knoll and Angel's Flight are located on the west side of Hill Street, north of 4th Street. The project site is located in the Central City Community Plan Area, and is not within any Transportation Specific Plan boundaries.

2.2 Roadway Network

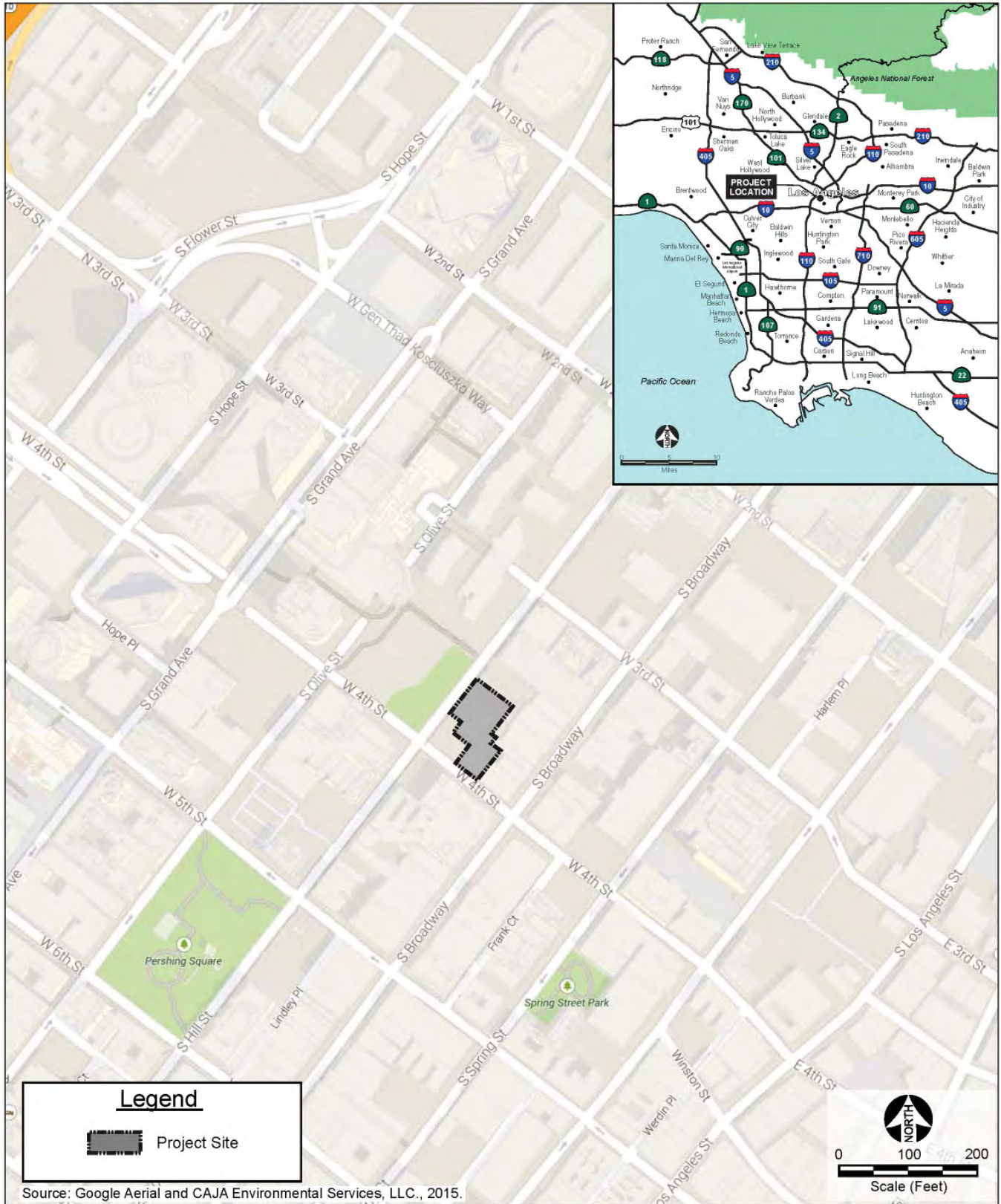
Selected arterials within the project study area are described in this section. Items of note include street designations from the Citywide General Plan Circulation System (LA Mobility Plan 2035), number and widths of travel lanes, direction of flow, pedestrian and bicycle facilities, the presence of on-street parking and peak period tow-away lanes, and adjacent land uses. Note that all streets in the study area are designated as Pedestrian Segments and part of the Pedestrian Enhanced Districts.

Hill Street runs north and south with two lanes in each direction and a center two-way left turn lane, and is designated as Avenue II. Between 3rd Street and 4th Street, there is a 90-foot long raised landscaped median. In the northbound direction, on-street parking is prohibited in the afternoon (4-7 PM), but during the rest of the day the outside lane may be used for parking leaving a single northbound travel lane. In the southbound direction, there is an on-street parking lane separate from the two travel lanes. In the study area, the curb-to-curb width on Hill varies from 62 to 66 feet. Travel lanes and turn lanes are typically 9.5 feet to 10 feet wide with 8-foot wide parking lanes. The portion of Hill Street south of 4th Street is part of the Neighborhood Enhanced Network, and has been identified to provide a calm and safe environment for walking, biking and circulation of slower moving modes. The segment south of 4th Street is also part of the Bicycle Lane Network as a Tier 3 Bicycle Lane. Land uses along Hill Street include retail shops, restaurants, residential mixed-use, and office space.

Broadway is a three-lane undivided roadway with two northbound lanes and one southbound lane, and is designated as Avenue II. On-street parking is generally permitted in the northbound direction. In the southbound direction, there are either widened sidewalks, on-street parking or right turn lanes. In the study area, the curb-to-curb width on Broadway is 56 feet and travel lanes are 10 feet wide with 8-foot wide on-street parking lanes. Broadway is prioritized for transit and is designated as a Comprehensive Transit Enhanced Street. The segments of Broadway between 1st Street and 2nd Street, between 3rd Street and 5th Street, and between 6th Street and 7th Street are part of the High Injury Network (HIN). Retail shops, restaurants, and historic theaters are located along Broadway.

2nd Street is an undivided arterial that runs east and west through the study area and is designated as Avenue III. Between Broadway and Hill Street, 2nd Street has a curb-to-curb width of 44 feet and includes one 10-foot wide travel lane and a buffered bike lane in the westbound direction, and one 10-foot wide travel lane, a buffered bike lane, and on-street parking in the eastbound direction. Between Hill Street and Olive Street, 2nd Street has two westbound lanes and a curb-to-curb width of 26 feet. The portion of 2nd Street at grade between Olive Street and Hope Street has a curb-to-curb width of 56 feet and ends at Hope Street. On-street parking is generally not allowed within the study area on this street. Buffered bicycle lanes have recently been striped on 2nd Street west of Spring Street. The segment of 2nd Street between Los Angeles Street and Broadway is part of the High Injury Network. Major land uses along 2nd

FIGURE 1 - PROJECT LOCATION



Street include the Angelus Plaza, the proposed federal courthouse and Los Angeles Police Department Headquarters.

From the intersection of Hill Street and 2nd Street, vehicles can enter or exit the 2nd Street tunnel, which includes one travel lane and one buffered bike lane in each direction and travels below grade between Hill Street and Figueroa Street. From Figueroa Street to 1st Street/Beverly Boulevard, 2nd Street is designated as Avenue II. West of 1st Street/Beverly Boulevard, 2nd Street is designated as Boulevard II as it turns north and connects to Route 2 (Glendale Freeway).

3rd Street is a one-way westbound arterial that is designated as Avenue III between Los Angeles Street and Hope Street. Between Spring Street and Hill Street, 3rd Street has a curb-to-curb width of 40 feet and includes two westbound travel lanes with on-street metered parking along both sides of the street. Between Hill Street and Flower Street, 3rd Street is a tunnel with a curb-to-curb width of 20 feet, two westbound lanes that are grade separated from Olive Street, Grand Avenue and Hope Street. Between Hope Street and Flower Street, 3rd Street has a curb-to-curb width of 58 feet and is designated as Avenue II. Between Flower Street and Figueroa Street, 3rd Street has a curb-to-curb width of 92 feet and is designated as Boulevard II. West of Figueroa Street, 3rd Street is designated as Avenue II. The northbound and Southbound Route 110 freeway on-ramps are accessible from 3rd Street just west of Figueroa Street.

The segment of 3rd Street between Los Angeles Street and Broadway is part of the High Injury Network. There are no bicycle lanes along 3rd Street through the study area. Adjacent land uses include Grand Central Square and Market, the Angelus Plaza, residential mixed-use and office buildings.

4th Street is a one-way eastbound arterial with a range of designations and roadway widths that vary by segment through Downtown Los Angeles. Between Los Angeles Street and Hill Street, 4th Street has four 10-foot wide eastbound travel lanes and a curb-to-curb width of 40 feet, and is designated as Avenue III. During non-peak periods, vehicles may park at metered spaces in the far north lane, reducing the road to three travel lanes.

Between Hill Street and Olive Street, 4th Street has four eastbound travel lanes plus on-street metered parking along the north curb outside of the travel lane, and is designated as Avenue II. The lane along the south curb is 12 feet wide, the two center lanes are 10 feet wide, the north lane is 16 feet wide, the parking lane along the north curb is 8 feet wide, and the curb-to-curb width is 56 feet.

Fourth Street is grade separated from Grand Avenue, but between Olive Street and Grand Lower, 4th Street is designated as Avenue I and has four 11-foot wide eastbound through lanes, a 13-foot wide left turn lane, an 11-foot wide right turn lane, and a total curb-to-curb width of 68 feet.

Fourth Street is grade separated from Hope Street, but between Grand Lower and Hope Street, 4th Street is designated as Boulevard II, and has four 11-foot wide eastbound through lanes and an 11-foot wide lane that lead to the right turn lane at Olive Street. There is also an 8-foot wide raised median that separates the through travel lanes from two 12-foot wide left turn lanes that lead into the Wells Fargo Center parking garage. The maximum curb-to-curb width in this segment is 104 feet.

Fourth Street is grade separated from Flower Street and Figueroa Street, but between Hope Street and Figueroa Street, 4th Street is designated as Avenue I and generally has four 10-foot wide eastbound through lanes. There are a number of ramps and auxiliary lanes that lead up or down to Hope Street, Flower Street and Figueroa Street, so the total cumulative roadway width between Hope Street and Flower Street is 150 feet and between Flower Street and Figueroa Street is 175 feet.

West of Figueroa Street, 4th Street is designated as Avenue II. West of the Route 110 freeway, 4th Street has two 12-foot wide lanes. The southbound Route 110 off-ramp to 4th Street adds a third through lane and the northbound Route 110 off-ramp to 4th Street adds the fourth through lane. There are no bicycle lanes along 4th Street in the study area. The major land uses in the surrounding area are office buildings, Clark Hotel, and the Junipero Serra State Building. Angels Knoll Park is also located on 4th Street.

5th Street is a one-way street that travels in the westbound direction. Between Los Angeles Street and Hill Street, 5th Street is designated as Avenue III, has four 10-foot wide westbound through lanes and a curb-to-curb width of 40 feet. Between Los Angeles Street and Main Street, on-street parking is not permitted on 5th Street. Between Main Street and Spring Street, on-street metered parking is permitted along the south curb during non-peak periods, reducing the roadway capacity to three through lanes during non-peak periods. Between Spring Street and Hill Street, on-street metered parking is permitted along the north and south curbs during non-peak periods, reducing the roadway capacity to two through lanes during non-peak periods.

Between Hill Street and Olive Street, 5th Street transitions from a designation of Avenue III to Avenue II. There are generally four westbound through lanes and a curb-to-curb width of 43 feet. Just east of Olive Street, an exit from the Pershing Square parking structure adds a fifth through lane and the curb-to-curb distance widens to 55 feet. Parking is not permitted along the south curb. There is a short section along the north curb where parking is permitted during non-peak periods only.

Between Olive Street and Flower Street, 5th Street is designated as Avenue II and has five westbound through lanes that vary in width from 9 feet to 22 feet. Between Grand Avenue and Flower Street, the lane along the south curb is 18 feet wide and parking is permitted in select locations during non-peak periods.

West of Flower Street, 5th Street is designated as Avenue I and has seven 10-foot wide lanes with a total curb-to-curb width of 70 feet. The two lanes at the south end lead to 5th Street west of Route 110, the next two lanes lead to southbound Route 110, the next two lanes lead to northbound Route 110, and the north lane is a right turn lane to Figueroa Street. On-street parking is not permitted in this segment.

The entire length of 5th Street within the study area is part of the High Injury Network. No bicycle lanes are provided along 5th Street within the study area. Adjacent land uses include Pershing Square, office buildings, and retail shops.

Route 110 is approximately 0.5 miles west of the project site, and runs north and south between San Pedro (as Interstate 110) and Pasadena. Through the Downtown Los Angeles area, Route 110 varies from 3 lanes in each direction to up to 6 northbound and 7 southbound lanes including auxiliary lanes and merge segments, and carried an average of up to 291,000 vehicles per day in 2015. The project is most likely to generate trips on Route 110 via the 4th Street off-ramps and the onramps from 3rd Street and 5th Street. The northbound and southbound off-ramps to 4th Street do not lead to ramp terminal intersections, but continue onto exclusive lanes on eastbound 4th Street that are grade separated from Figueroa Street, Flower Street, Hope Street and Grand Avenue. From the Route 110 northbound and southbound off-ramps, vehicles travel approximately 1,315 feet (0.25 miles) on 4th Street before encountering the first signalized intersection at Grand Lower.

US 101 is approximately 0.65 miles north of the project site, and runs east and west through Los Angeles from Boyle Heights to Calabasas and continues up to San Francisco. Through the Downtown Los Angeles area, US 101 varies from 3 to 4 lanes in each direction, and carried an average of up to 211,000 vehicles per day in 2015. The project is most likely to generate trips on US 101 via the Spring Street off-ramp and the onramps from Broadway and Los Angeles Street.

2.3 Study Intersections

Twelve existing intersections have been selected for analysis in this report. The Existing (Year 2017) lane geometry and signal control for each study intersection is illustrated in Figure 2.

1. Olive Street & 2nd Street
2. Hill Street & 2nd Street
3. Broadway & 2nd Street
4. Hill Street & 3rd Street
5. Broadway & 3rd Street
6. Olive Street & 4th Street
7. Hill Street & 4th Street
8. Broadway & 4th Street
9. Grand Avenue & 5th Street
10. Olive Street & 5th Street
11. Hill Street & 5th Street
12. Broadway & 5th Street

2.4 Traffic Volumes

Manual intersection turning movement counts were collected in 15-minute intervals from 7:00 a.m. to 10:00 a.m. and 3:00 p.m. to 6:00 p.m. on Thursday, April 6th, 2017. The full classified vehicle, pedestrian and bicycle count reports are available in the Appendix.

Existing (Year 2017) AM and PM peak hour turning movement count volumes are presented in Figure 3.

2.5 Transit System

A staircase leading down to the Pershing Square Station, which provides access to the Metro Red and Purple rail lines, is located directly in front of the project site. There is also a transit stop located adjacent to the project site on Hill Street that is served by Metro Local, Rapid and Express buses. An excerpt from the Los Angeles Metro Bus and Rail Lines Map is shown in Figure 4.

The following bus lines stop within 1/8 mile (a 2 minute walk) from the project site:

- Metro Local Line 2
- Metro Local Line 4
- Metro Local Line 10
- Metro Local Line 28
- Metro Local Line 30
- Metro Local Line 35
- Metro Local Line 40
- Metro Local Line 45
- Metro Local Line 81
- Metro Local Line 83
- Metro Local Line 90
- Metro Local Line 91
- Metro Local Line 94
- Metro Local Line 330
- Metro Rapid Line 728
- Metro Rapid Line 745
- Metro Rapid Line 794
- LA DOT Commuter Express Line 419

FIGURE 2 - STUDY INTERSECTION GEOMETRY AND CONTROL

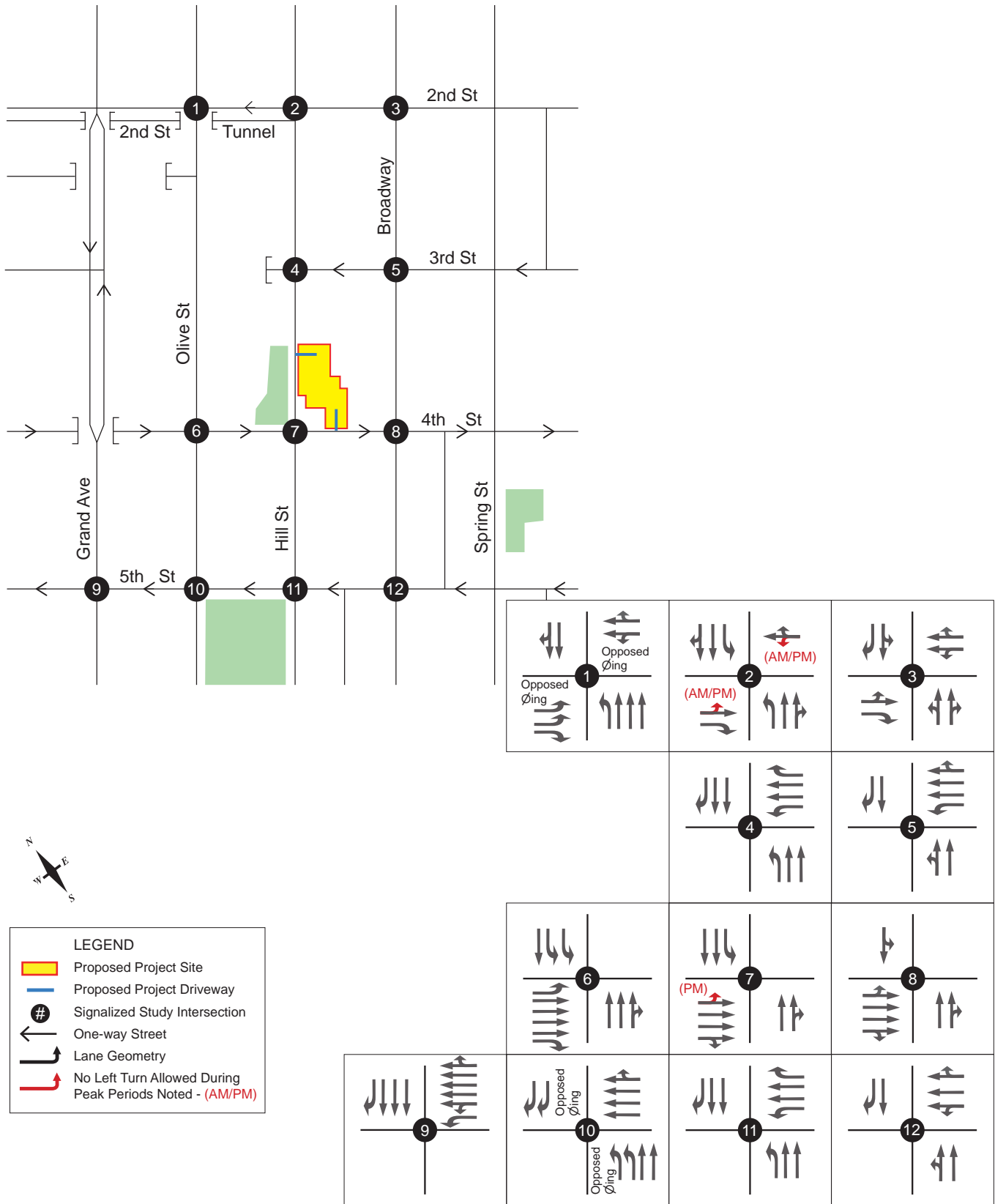
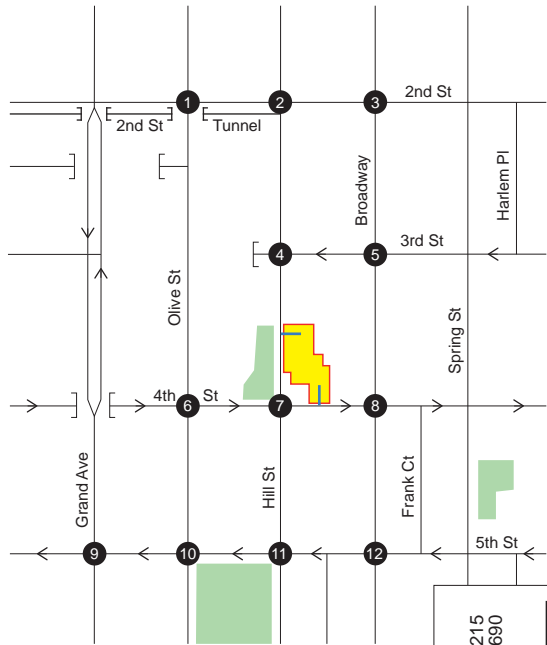


FIGURE 3 - EXISTING (YEAR 2017) TRAFFIC VOLUMES - NO PROJECT

AM Peak Hour



LEGEND

- Proposed Project Site
- Proposed Project Driveway
- # Signalized Study Intersection
- One-way Street
- ## Movement Volume (Vehicles)

PM Peak Hour

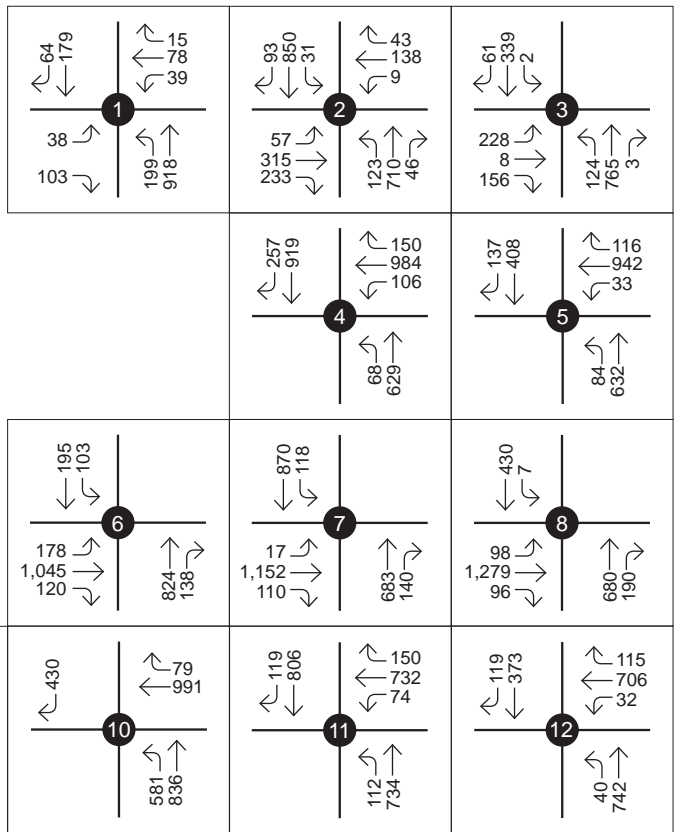
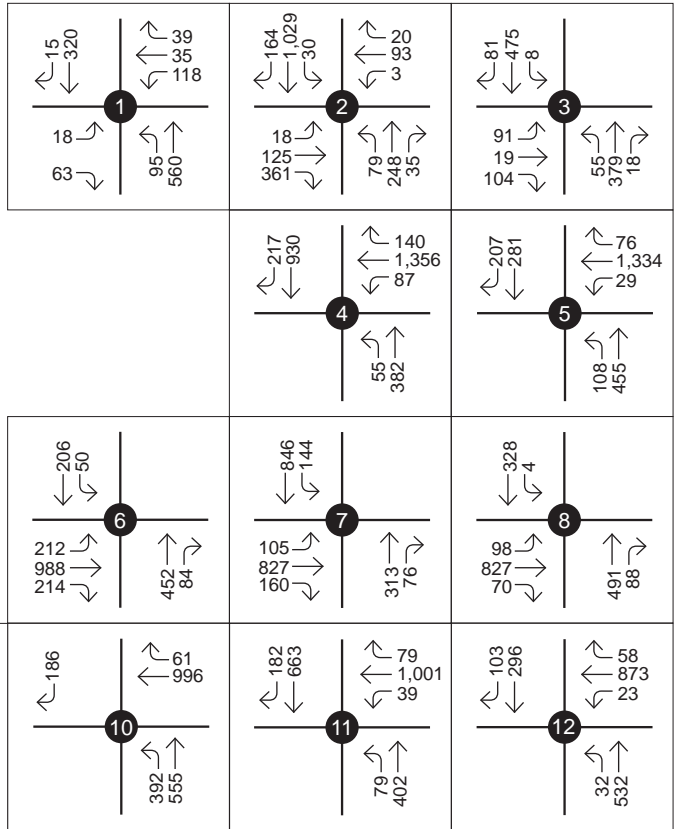
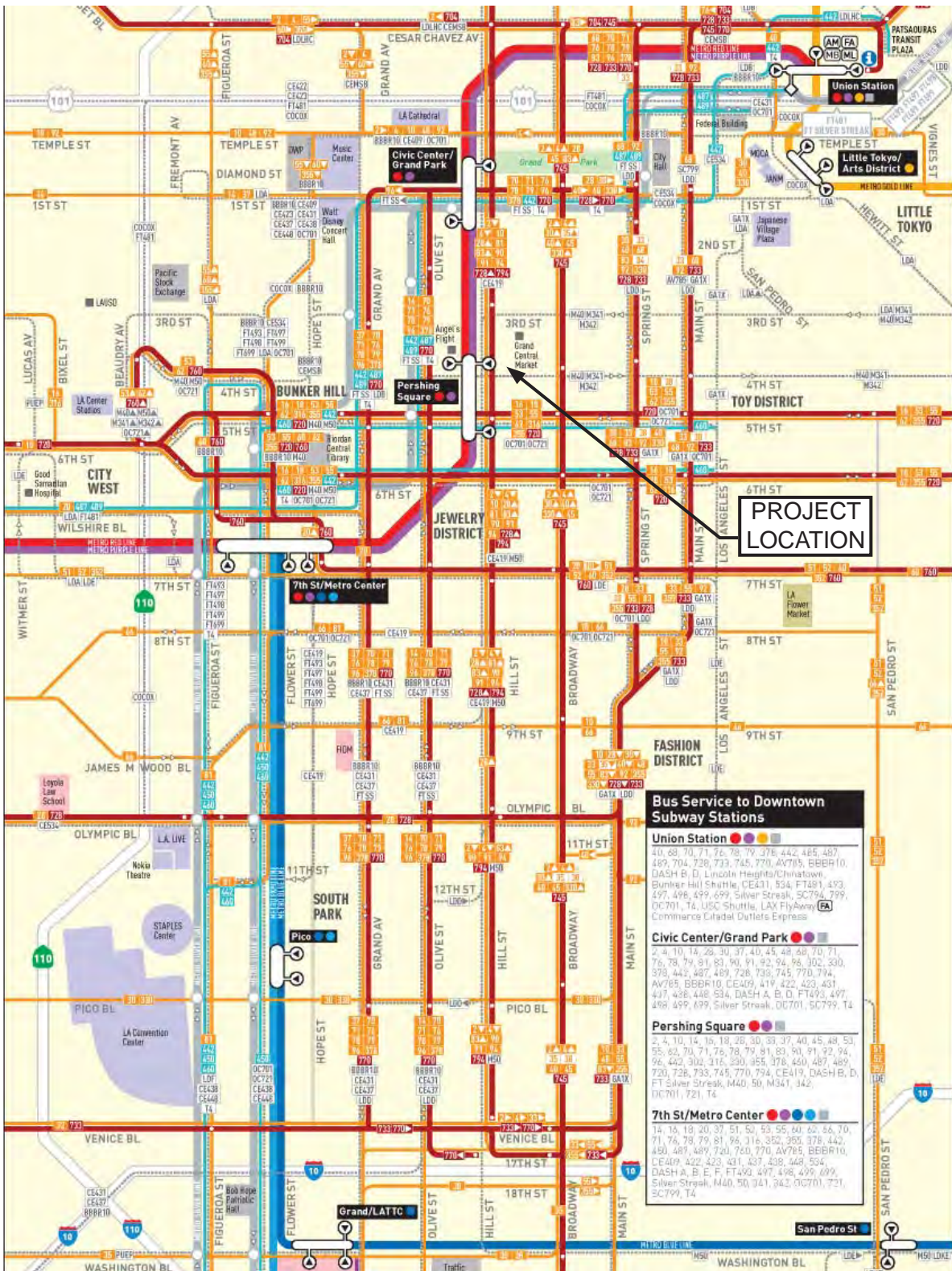


FIGURE 4 - TRANSIT STOPS AND LINES



Excerpt from the Los Angeles Metro Bus and Rail System Map



3 Project Buildout (Year 2021) Conditions

3.1 Ambient Traffic Growth

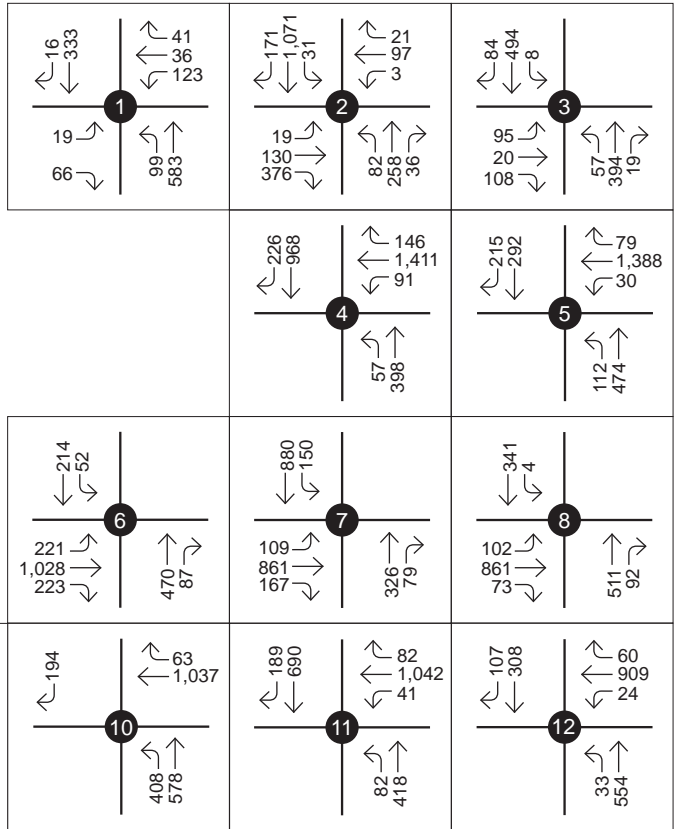
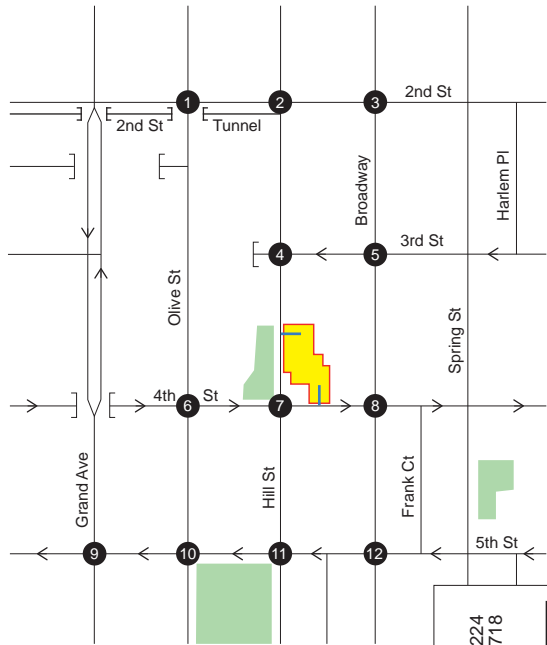
An annual ambient traffic growth rate of 1.0018% is assumed for the study area based on factors published in Appendix D of the 2010 Congestion Management Program for Los Angeles County. Project Buildout (Year 2021) AM and PM peak hour volumes with ambient traffic growth only are shown in Figure 5.

3.2 Cumulative Projects

A list of 132 approved projects located with a 1.5-mile radius of the project site and trip generation data for each related project was provided by LADOT staff. Another 40 projects were provided by the City of Los Angeles Planning Department. The reference number, project ID, project title, address and net trips for each related project are summarized in Table 2. Existing data for land uses to be removed and project trip data was not provided by City Planning, so the trip generation data included in Table 2 is estimated for projects numbered 133 through 172. The location of each related project is illustrated in Figure 6, and the trips generated by the related projects through the study intersections are shown in Figure 7. The peak hour study intersection volumes for the Project Buildout (Year 2021) including ambient traffic growth and related project trips (the cumulative base traffic) are shown in Figure 8.

FIGURE 5 - BUILDOUT (YEAR 2021) VOLUMES - AMBIENT GROWTH ONLY

AM Peak Hour



LEGEND

- Proposed Project Site
- Proposed Project Driveway
- # Signalized Study Intersection
- One-way Street
- ## ↘ Movement Volume (Vehicles)

PM Peak Hour

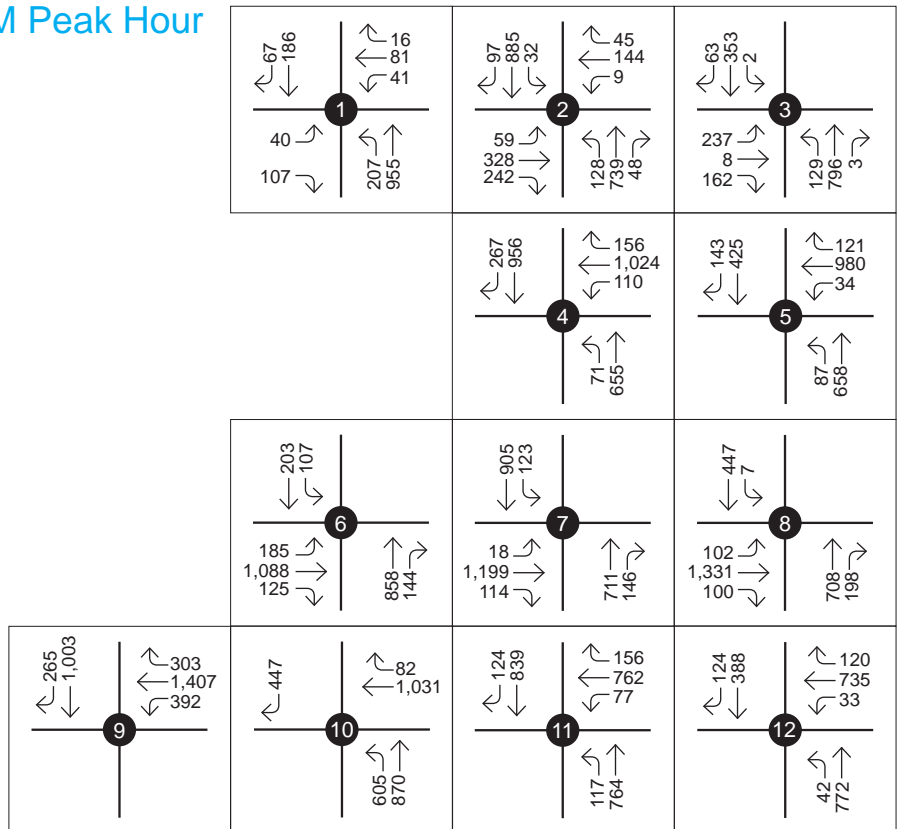


FIGURE 6 - RELATED PROJECT LOCATIONS

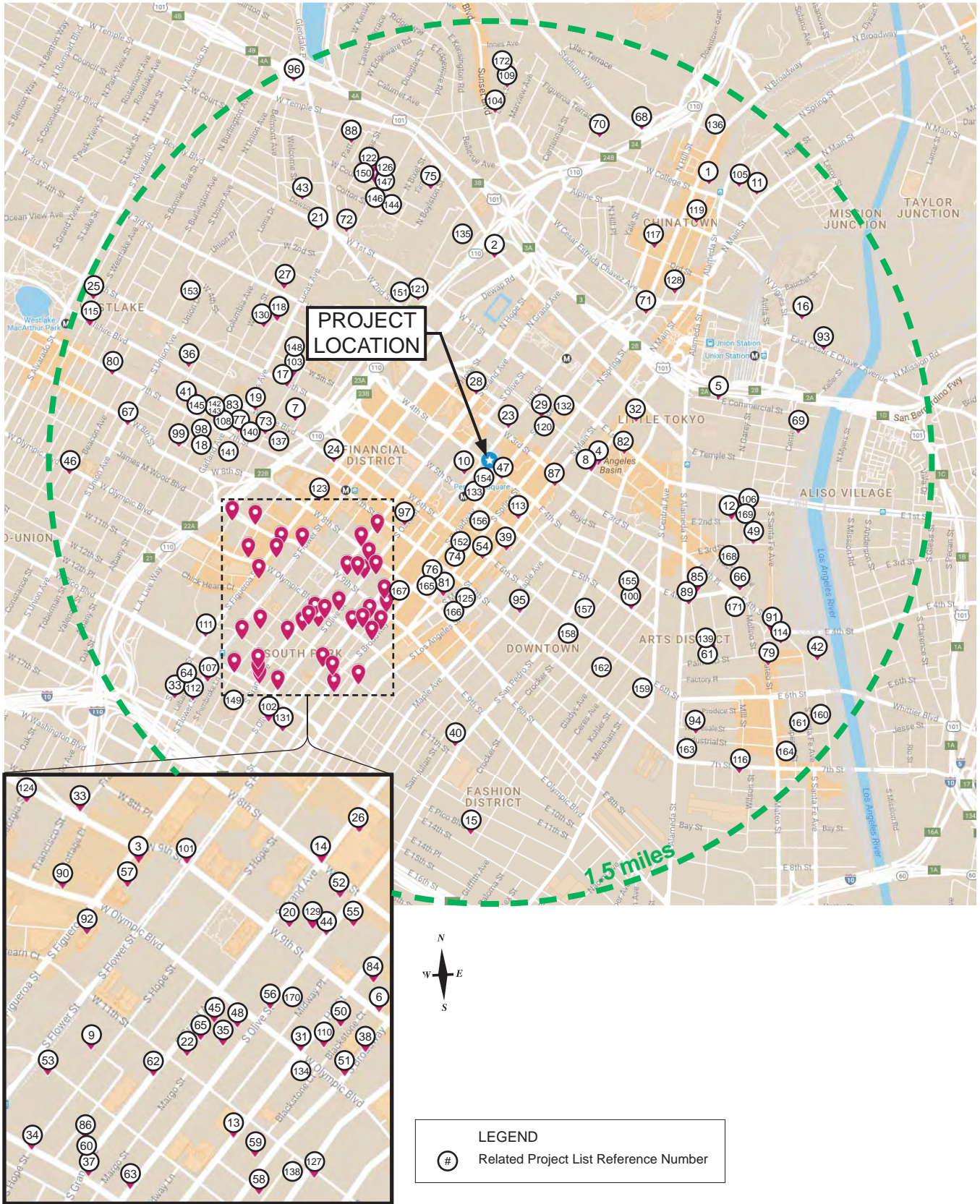
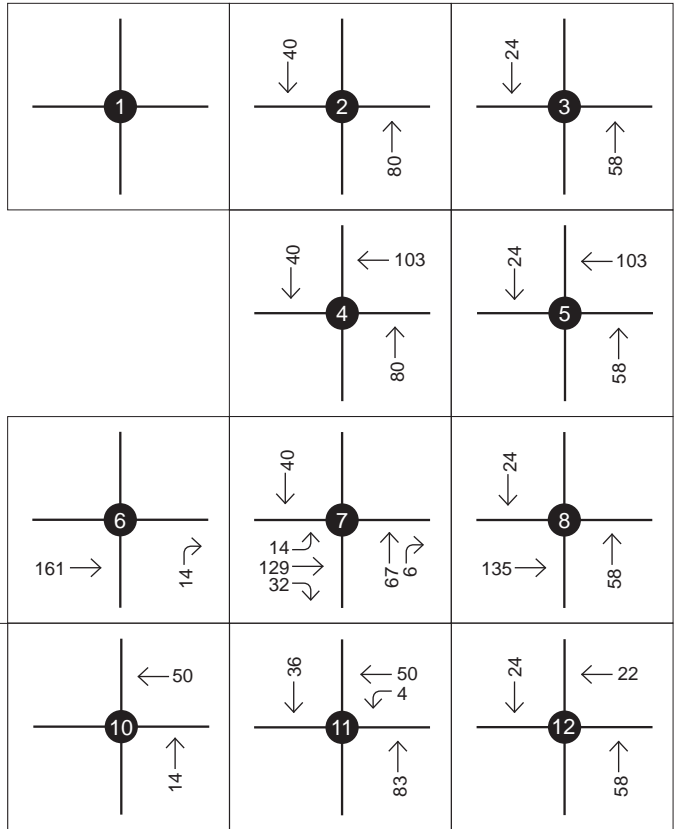
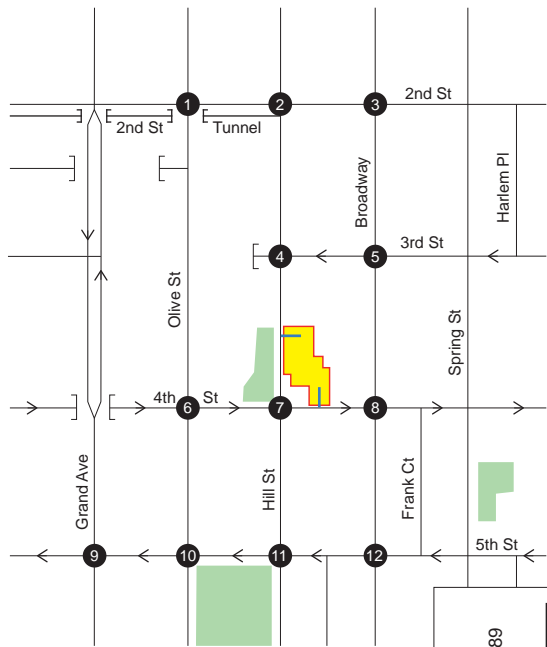


FIGURE 7 - CUMULATIVE PROJECT TRIPS

AM Peak Hour



LEGEND

- Proposed Project Site
- Proposed Project Driveway
- # Signalized Study Intersection
- One-way Street
- ## ↘ Movement Volume (Vehicles)

PM Peak Hour

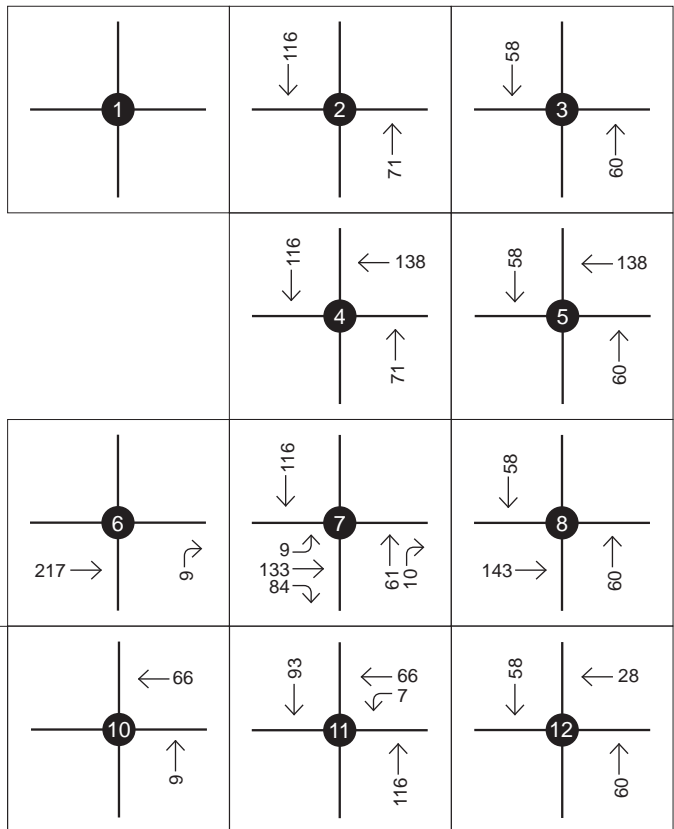
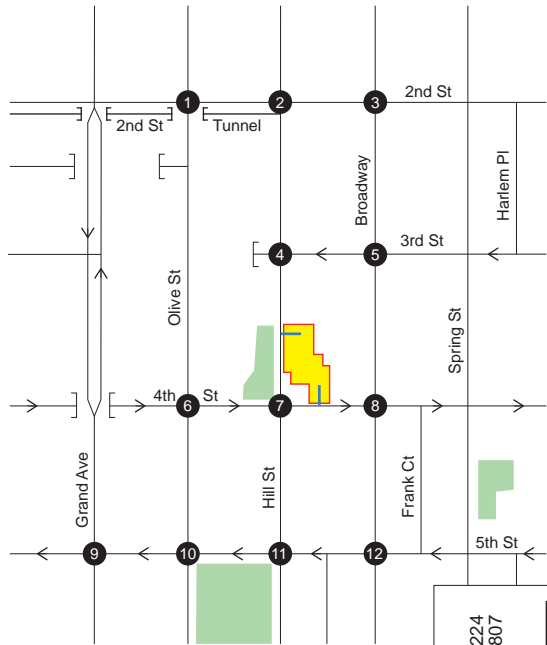


FIGURE 8 - BUILDOUT (YEAR 2021) VOLUMES - CUMULATIVE BASE

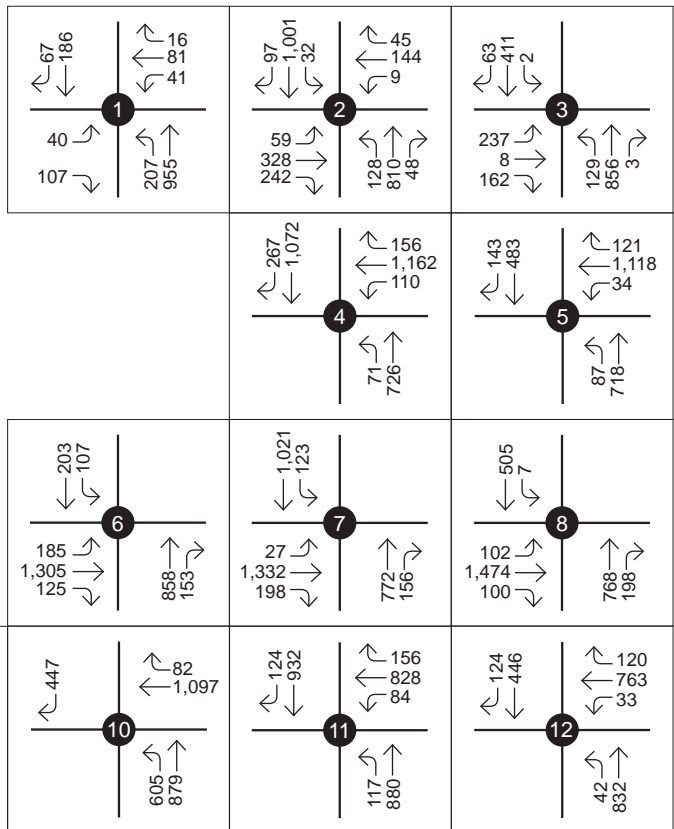
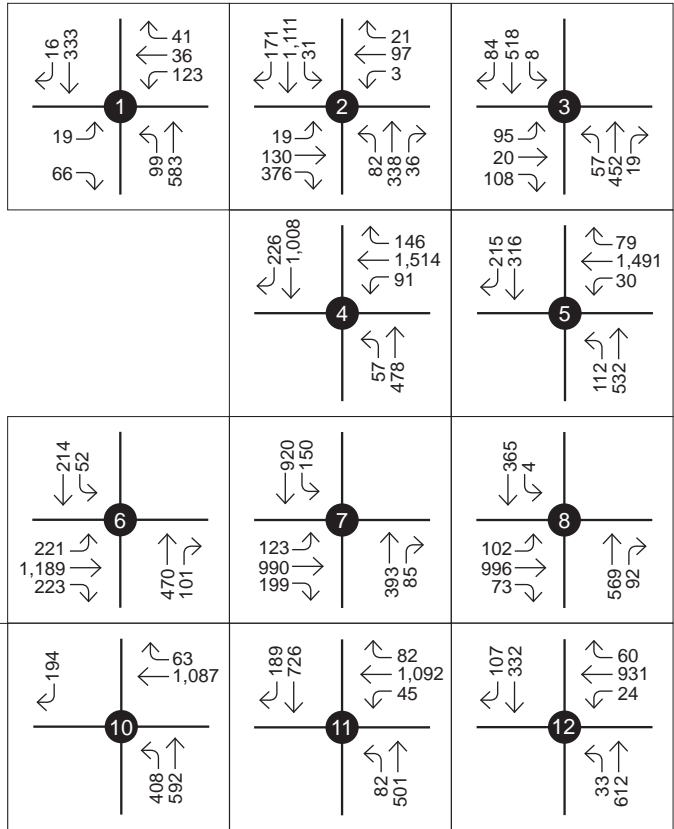
AM Peak Hour



LEGEND

- Proposed Project Site
- Proposed Project Driveway
- # Signalized Study Intersection
- One-way Street
- ## Movement Volume (Vehicles)

PM Peak Hour



4 Proposed Project

Equity Residential is preparing plans for a new high-rise multi-family residential project at 340 S. Hill Street, which is located north of 4th Street and east of Hill Street in Downtown Los Angeles. The existing site is a paid surface parking lot with 109 spaces. A small restaurant is also located on the site, with frontage on Hill Street. Both of these uses would be removed as part of the project.

The proposed project plan includes 428 residential units for lease, up to 2,630 square feet of ground floor retail/restaurant space, and a 2,980 square-foot leasing center. Twenty-two of the residential units are designated as very low income affordable housing units. The proposed building includes an 11-level parking garage (3 subterranean levels and 8 levels above grade) with a total of 435 parking spaces, and 24 residential levels above the parking garage. The site covers approximately 32,467 square feet (0.75 acres) and has a floor area ratio (FAR) of 9.6:1. The project site plan is shown in Figure 9, and additional project drawings and exhibits are included in the Appendix. The 4th and Hill project is expected to be fully constructed and occupied by the year 2021.

4.1 Trip Generation

The project trip generation was calculated using the rates published in the Institute of Transportation Engineers (ITE) *Trip Generation*, 9th Edition. Pass-by trips were accounted for using the trip reduction rates in Attachment D of the *LADOT Traffic Study Policies & Procedures*. Trips generated by existing site uses were subtracted from the proposed project trips, and trip credits were applied for proximity to transit. The trip generation rates for family affordable housing from Table 5 in Section 3.3B of the *LADOT Traffic Study Policies & Procedures* were also used.

ITE Trip Generation

Project trips and trips generated by the existing site were estimated using the rates published in the ITE *Trip Generation*, 9th Edition. The ITE rates used in this study are summarized in Table 3, and the project trips generated by new uses are calculated in Table 4.

The existing site is a paid surface parking lot with 109 spaces, including 48 tandem parking spaces. Parking lots serve adjacent land uses, but do not generate trips. When the lot is removed, the vehicles that currently park in the lot will still travel to the area, but will park in another nearby facility instead. The land uses generating the trips to the parking lot will remain when the lot is removed, so no trip credits are associated with the redevelopment of the surface parking lot.

A small restaurant with a gross floor area of approximately 850 square feet is also located on the site, with frontage on Hill Street. The LADOT policy on pass-by trips is to apply a discount rate of 20% to high turnover restaurant uses. The trips generated by the restaurant are subtracted from the trips generated by the new residential tower to estimate the net project generated trips.

There is 2,630 square feet of ground floor space that is shown as retail and residential lobby on the site plan. To be conservative, the project trip generation included in this memo assumes that this ground floor space may be used as quality sit down restaurant use, which generates the highest number of trips. The General Office land use rates are used to generate trips for the 2,980 square-foot leasing center on the 9th floor.

FIGURE 9 - PROJECT SITE PLAN

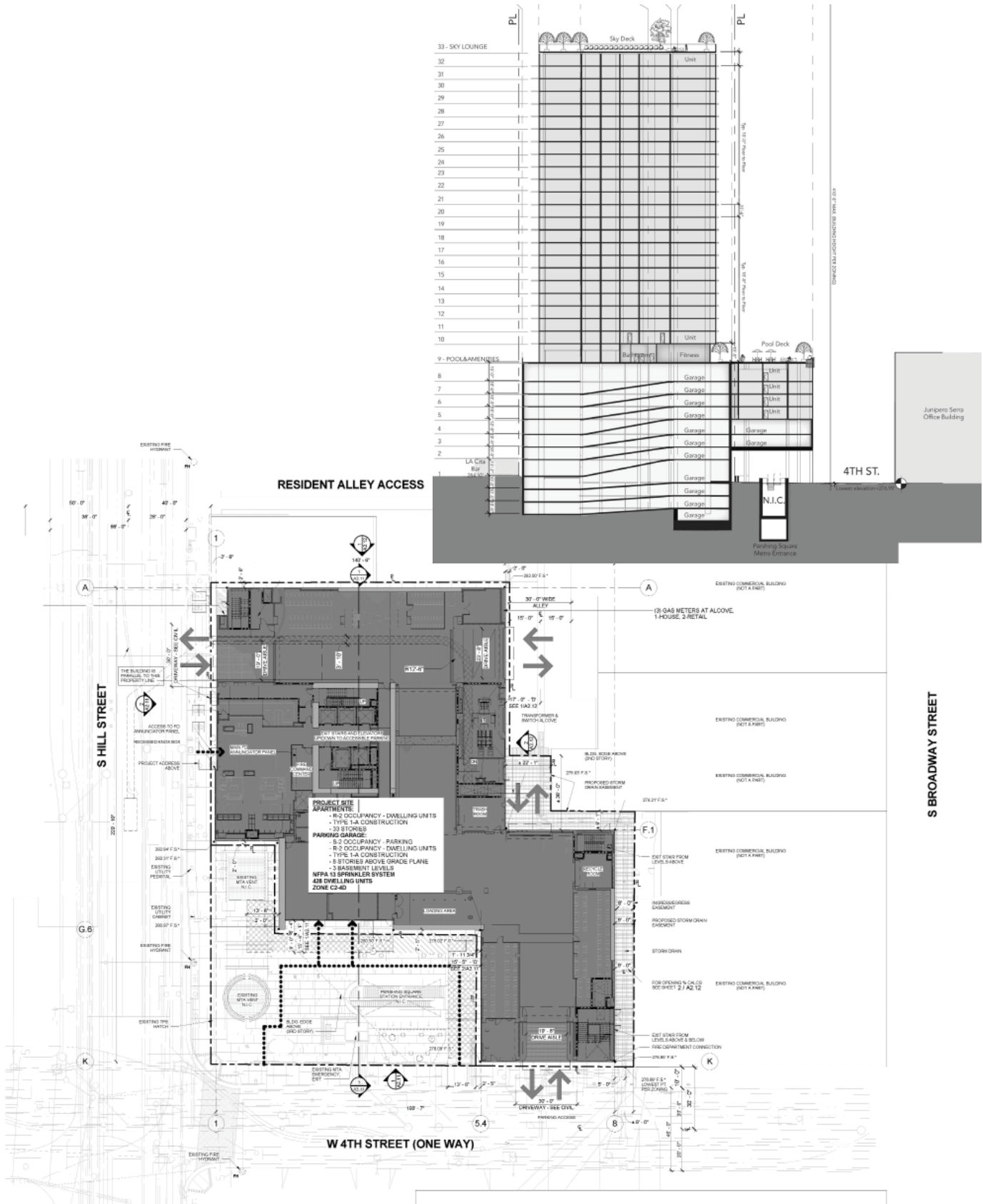


Table 2 - ITE Trip Generation Rates for Existing and Proposed Uses

Land Use	ITE Code	Units	Daily	AM	In (%)	Out (%)	PM	In (%)	Out (%)
Family Affordable Housing	LADOT	DU	4.08	0.50	40%	60%	0.34	55%	45%
Apartment	220	DU	6.65	0.51	20%	80%	0.62	65%	35%
General Office	710	TSF	11.01	1.55	88%	12%	1.49	17%	83%
Quality Restaurant	931	TSF	89.95	0.81	50%	50%	7.49	67%	33%
High-Turnover Restaurant	932	TSF	127.15	11.52	52%	48%	11.15	59%	41%

Source: ITE *Trip Generation*, 9th Edition

DU – dwelling units; TSF – thousand square feet

Table 3 - Project Trips Generated by New Uses

Land Use	ITE Code	Qty	Units	Daily	AM			PM		
					IN	OUT	Total	IN	OUT	Total
Family Affordable Housing	LADOT	22	DU	90	4	7	11	4	3	7
Apartment	220	406	DU	2,700	41	166	207	164	88	252
General Office	710	2.98	TSF	33	4	1	5	1	4	5
Quality Restaurant	931	2.63	TSF	237	1	1	2	13	7	20
Total Proposed New Trips				3,060	50	175	225	182	102	284

DU – dwelling units; TSF – thousand square feet

Trip Credits

LADOT encourages developers to design and construct transit-friendly projects that provide safe and walkable sidewalks to and from transit stations for project patrons. The following trip credits are assumed for this project:

- Transit Usage – 25%
- Existing Active Land Use – See Table 5

Transit Usage

A staircase leading down to the Pershing Square Station, which provides access to the Metro Red and Purple rail lines, is located directly in front of the project site. There is also a transit stop located adjacent to the project site on Hill Street that is served by Metro Local, Rapid and Express buses with peak hour headways as short as five minutes. The maximum transit credit of 25% has been applied to this project.

Existing Active Land Use

The existing site is a paid surface parking lot with approximately 100 spaces, including 48 tandem parking spaces. No trip credits are associated with the redevelopment of the surface parking lot. A small restaurant (Taco House) with a gross floor area of approximately 850 square feet is also located on the site, with frontage on Hill Street. The restaurant will be removed with the project, and trip credits are assumed for the traffic generated by this use.

Pass-By Trips

The LADOT policy on pass-by trips is to apply a discount rate of 20% to high turnover restaurant uses. Pass-by trip reductions are used when generating the trips to be removed.

Affordable/Workforce Housing

The proposed 428 multi-family residential units consist of 320 market-rate units, 22 very-low income units (5%) and 86 workforce housing units (20%).

Table 4 - Net Project Generated Trips With Trip Credits

Land Use	ITE Code	Qty	Units	Daily	AM			PM		
					IN	OUT	Total	IN	OUT	Total
Proposed New Uses										
Apartment	220	406	DU	2,700	41	166	207	164	88	252
General Office	710	2.98	TSF	33	4	1	5	1	4	4
Quality Restaurant	931	2.63	TSF	237	1	1	2	13	7	20
Total Proposed New Trips (Not Including Affordable)				2,970	46	167	214	177	99	276
Existing Uses to be Removed										
Sit-Down Restaurant	932	0.85	TSF	-108	-5	-5	-10	-6	-4	-10
Pass-By Trips	932	-20%		22	1	1	2	1	1	2
Total Existing Trips to be Removed				-86	-4	-4	-8	-5	-3	-8
Total New Trips Minus Existing to be Removed (Total eligible for Transit Credit reduction)				2,884	42	163	206	172	96	268
Trip Credits (Transit)										
Transit Credit		-25%		-721	-10	-41	-51	-43	-24	-67
Affordable Housing										
Affordable Housing	LADOT	22	DU	90	4	7	11	4	3	7
Net Project Trips				2,253	36	129	166	133	75	208

DU – dwelling units; TSF – thousand square feet

Affordable housing and pass-by trip discount rate from Attachment I of the *LADOT Traffic Study Policies and Procedures*

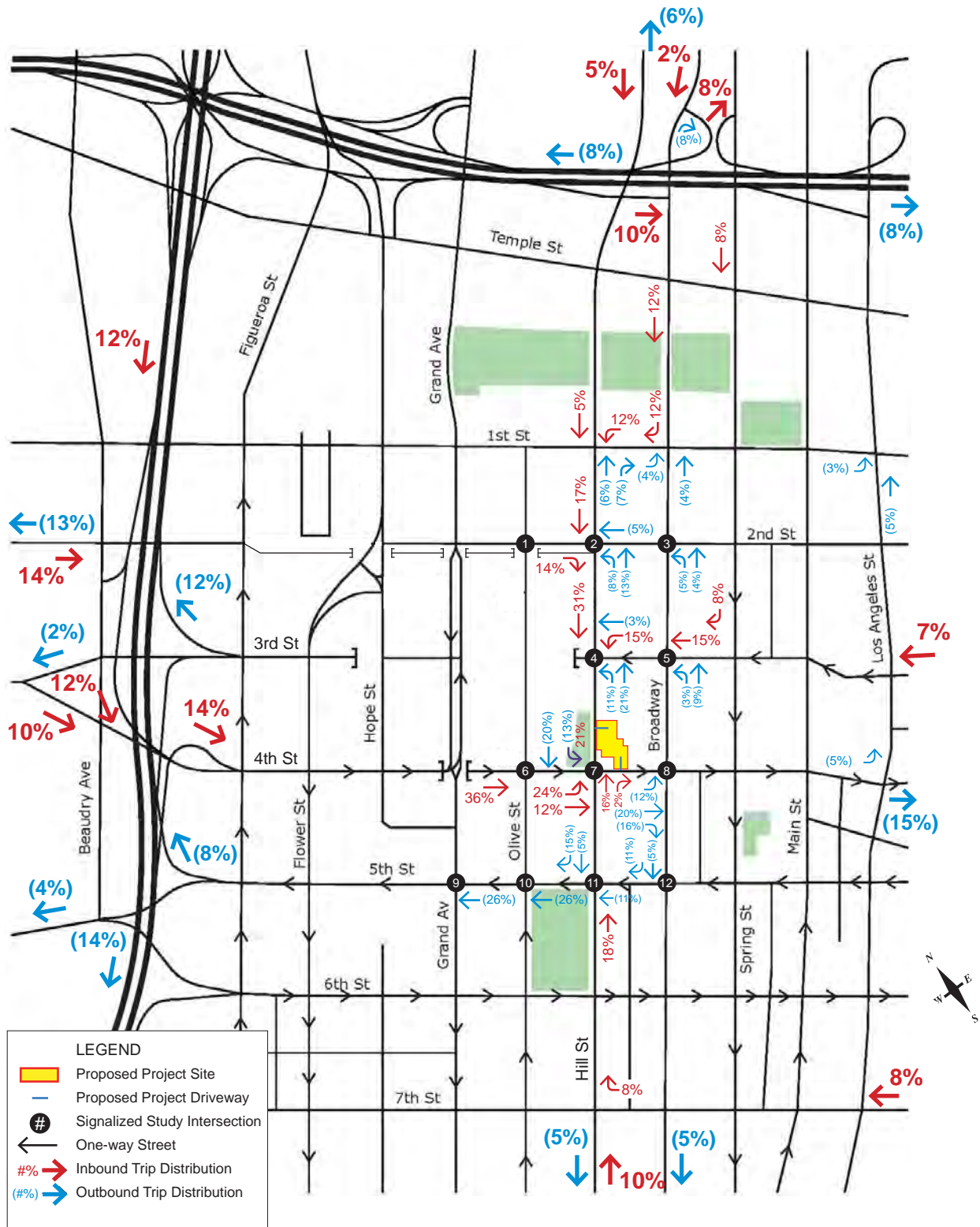
4.2 Trip Distribution

According to the site plans, the proposed project site would have two access driveways leading to the parking garage. A driveway located on Hill Street leads to 296 residential parking spaces located in garage levels 1 through 8. Another driveway on 4th Street provides access to 139 residential parking spaces in the underground garage levels B1, B2 and B3. Both driveways would be located in the approximate locations where existing driveways currently serve the surface parking lot. It is assumed that 65% of the project generated trips would utilize the driveway on Hill Street, and 35% of the project trips would use the 4th Street driveway.

Regional trip distribution has been estimated using the factors presented in Appendix D of the 2010 Congestion Management Program for Los Angeles County. Trips generated by the proposed project are expected to follow existing ambient traffic patterns, and are not expected to change the regional distribution of traffic through the study area.

The AM peak hour inbound and outbound trip distribution percentages are illustrated in Figure 10, and PM peak hour inbound and outbound trip distribution percentages are illustrated in Figure 11. The AM and PM peak hour project trips through each study intersection are shown in Figure 12. The Existing (Year 2017) With Project volumes during the AM and PM peak hours are shown in Figure 13. The Project Buildout (Year 2021) AM and PM peak hour With Project volumes are shown in Figure 14.

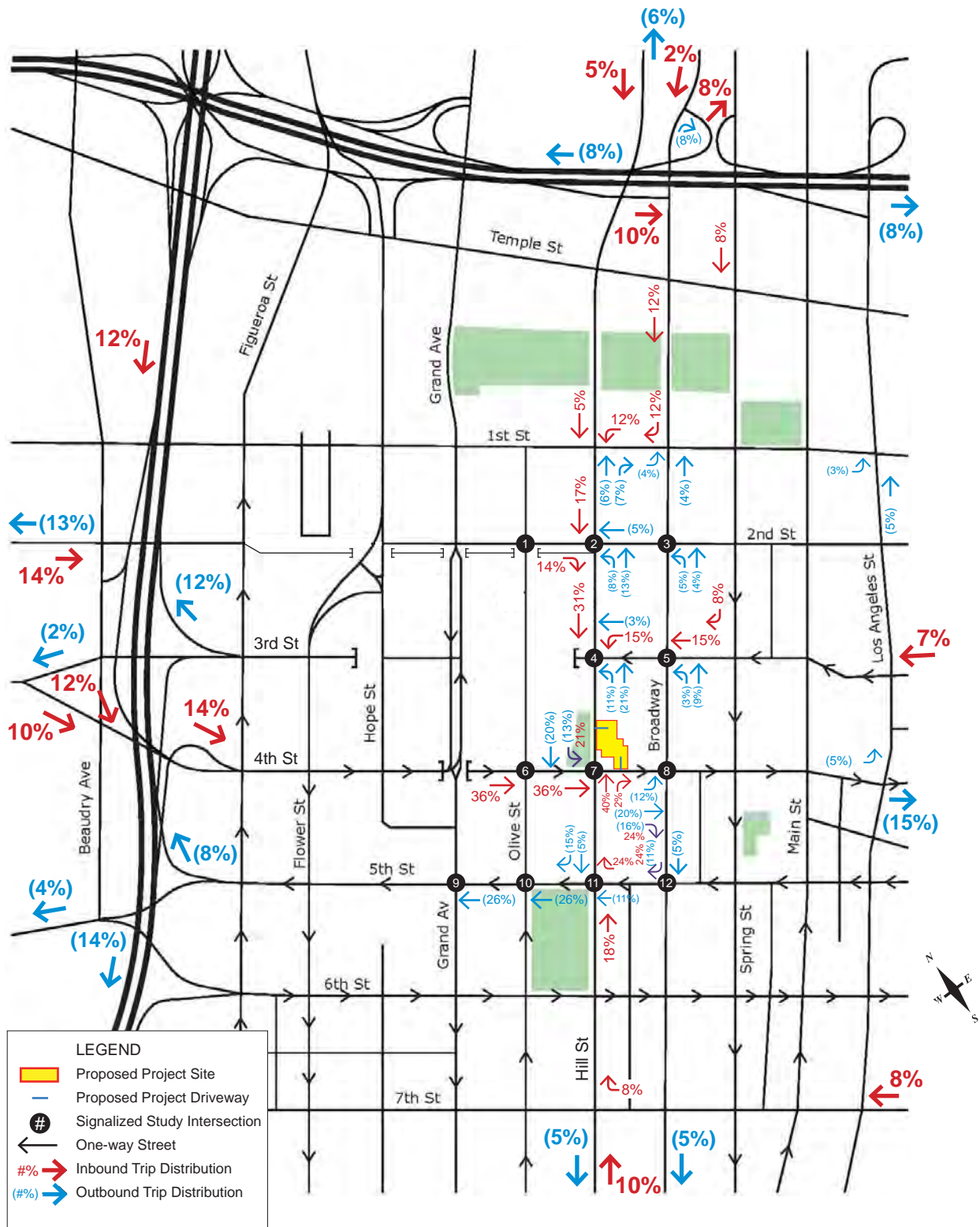
FIGURE 10 - PROJECT TRIP DISTRIBUTION: AM PEAK



Note: For trip distribution through project access driveways, see Figure 10.



FIGURE 11 - PROJECT TRIP DISTRIBUTION: PM PEAK

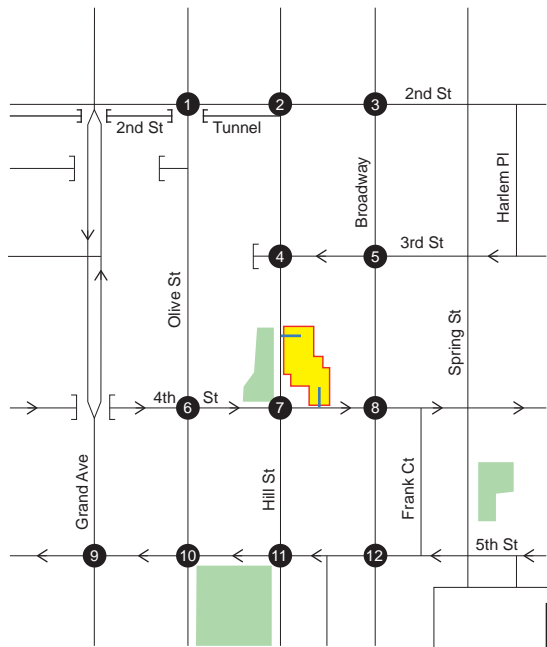


Note: For trip distribution through project access driveways, see Figure 10.



FIGURE 12 - PROJECT GENERATED TRIPS

AM Peak Hour



LEGEND

- Proposed Project Site
- Proposed Project Driveway
- # Signalized Study Intersection
- One-way Street
- ## ↗ Movement Volume (Vehicles)

PM Peak Hour

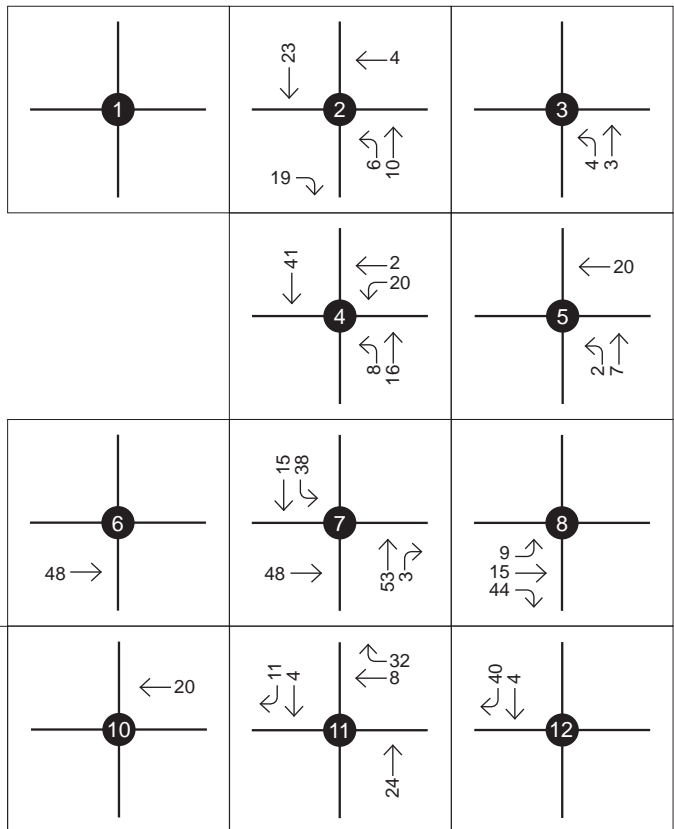
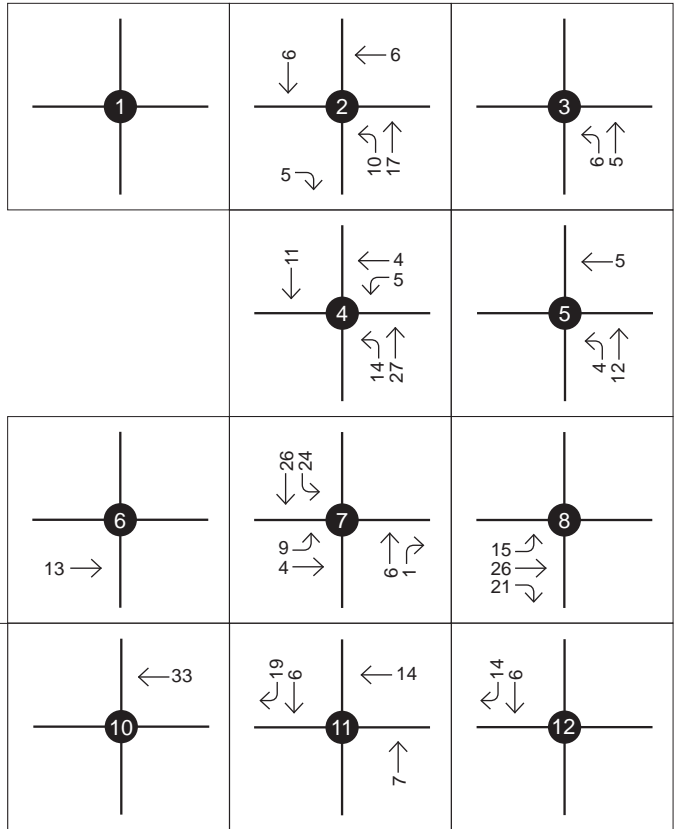
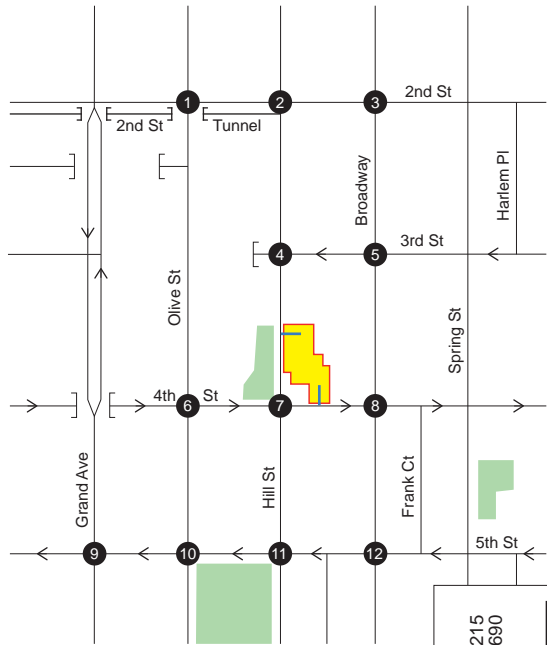


FIGURE 13 - EXISTING (YEAR 2017) TRAFFIC VOLUMES - WITH PROJECT

AM Peak Hour



LEGEND

- Proposed Project Site
- Proposed Project Driveway
- # Signalized Study Intersection
- One-way Street
- ## Movement Volume (Vehicles)

PM Peak Hour

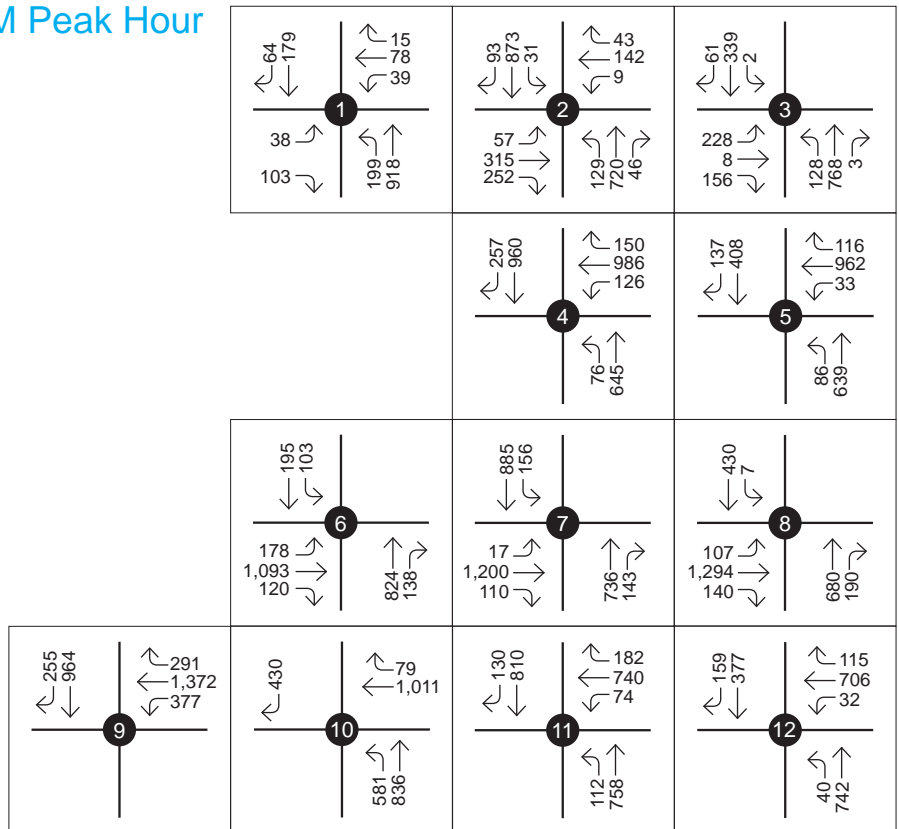
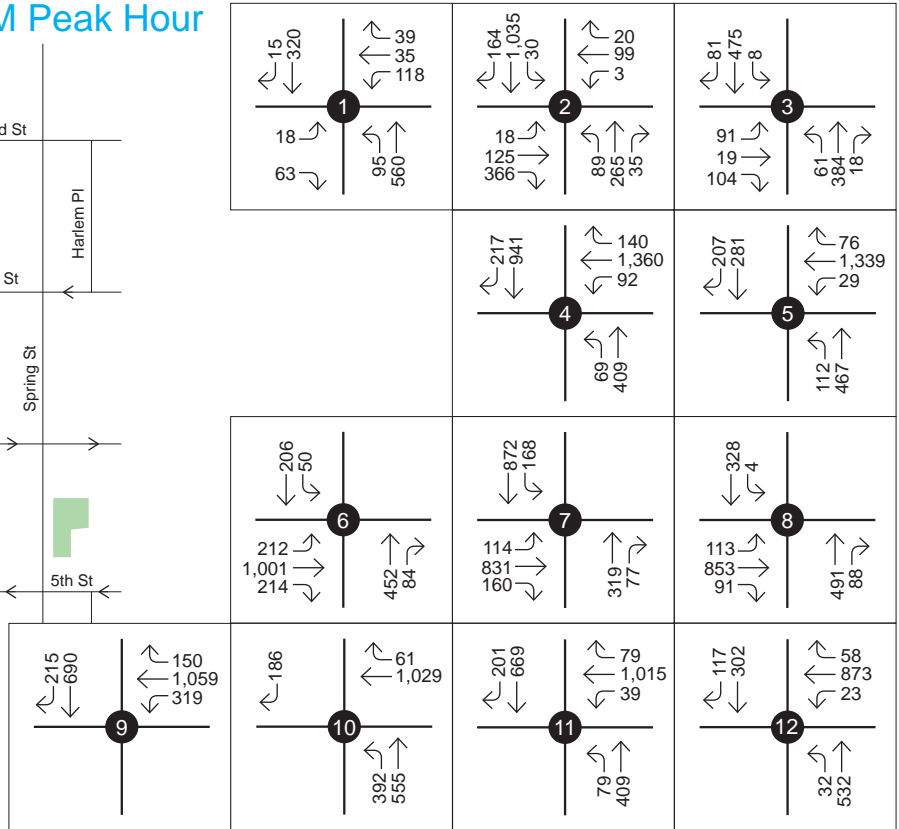
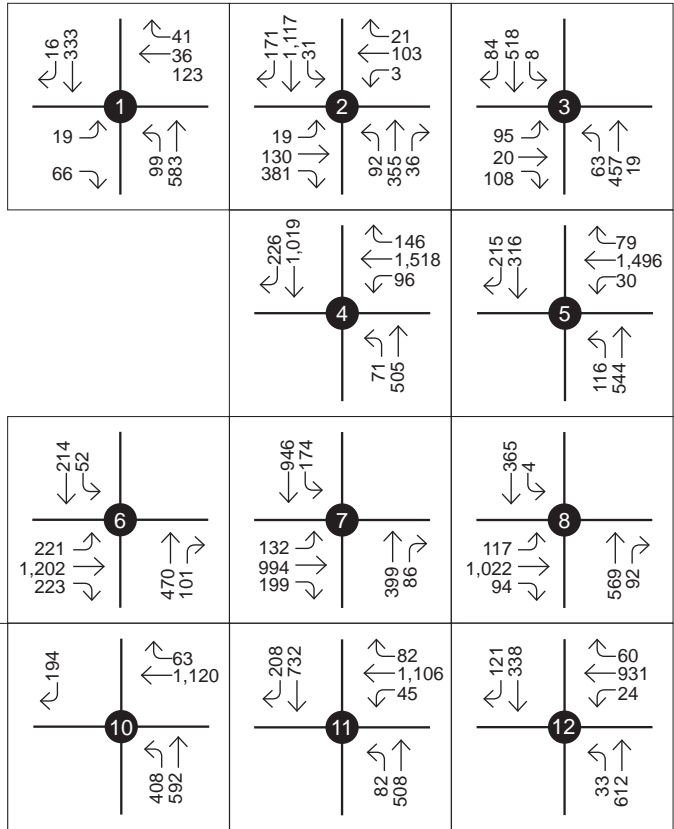
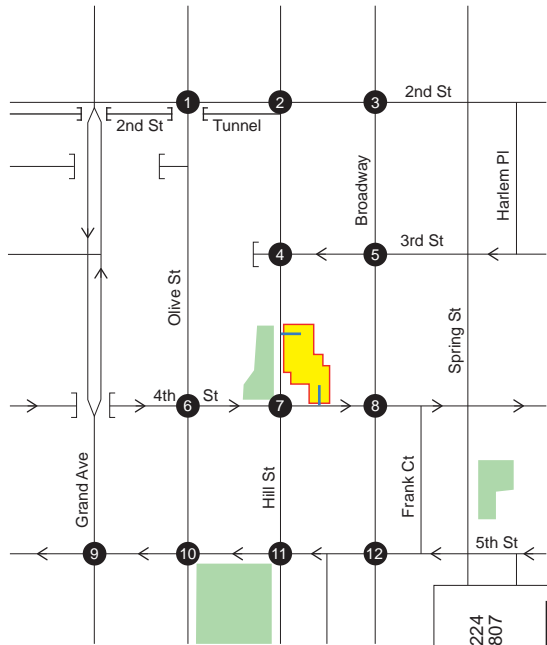


FIGURE 14 - BUILDOUT (YEAR 2021) VOLUMES - WITH PROJECT

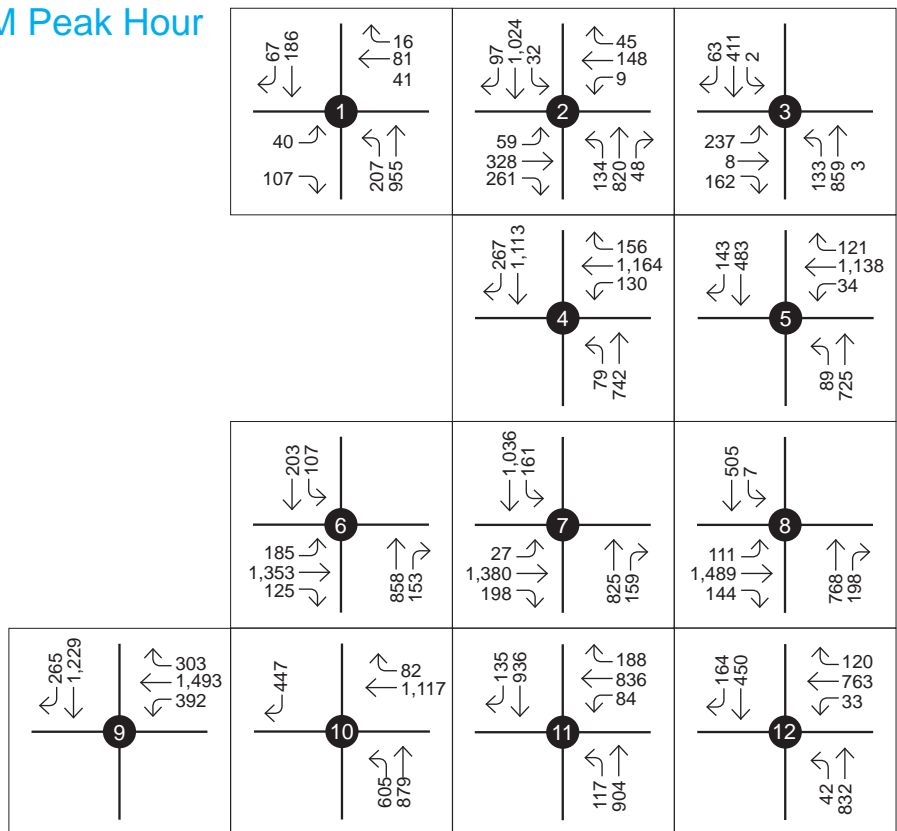
AM Peak Hour



PM Peak Hour

LEGEND

- Proposed Project Site
- Proposed Project Driveway
- Signalized Study Intersection
- One-way Street
- Movement Volume (Vehicles)



5 Level of Service Analysis Results

The Transportation Research Board, Circular 212 Critical Movement Analysis (CMA) Planning Method was utilized to analyze traffic operating conditions at study intersections using the MS-Excel spreadsheet developed by LADOT. No modifications were made to the spreadsheet to model non-standard intersection configurations, gridlock, heavy pedestrian volumes or other special conditions.

The results of the intersection Level of Service analysis during the AM and PM peak hours are summarized in Tables 5 and 6, respectively. There are no significant traffic impacts in the Existing (Year 2017) and Project Buildout (Year 2021) conditions.

Table 5 - Level of Service Analysis Results Summary - AM Peak Hour

Intersection		Year 2017 Existing Traffic Conditions		Existing Plus Project		Project Impact	Year 2021 Cumulative Base		Year 2021 Plus Project		Project Impact	Year 2021 Project with Mitigation		Net Project Impact
		V/C	LOS	V/C	LOS		V/C	LOS	V/C	LOS		V/C	LOS	
1	2nd St & Olive St	0.209	A	0.209	A	NO	0.221	A	0.221	A	NO	0.221	A	NO
2	2nd St & Hill St	0.597	A	0.606	B	NO	0.637	B	0.646	B	NO	0.646	B	NO
3	2nd St & Broadway	0.385	A	0.389	A	NO	0.420	A	0.424	A	NO	0.424	A	NO
4	3rd St & Hill St	0.729	C	0.743	C	NO	0.809	D	0.823	D	NO	0.823	D	NO
5	3rd St & Broadway	0.503	A	0.507	A	NO	0.564	A	0.568	A	NO	0.568	A	NO
6	4th St & Olive St	0.233	A	0.235	A	NO	0.274	A	0.277	A	NO	0.277	A	NO
7	4th St & Hill St	0.394	A	0.405	A	NO	0.455	A	0.466	A	NO	0.466	A	NO
8	4th St & Broadway	0.317	A	0.327	A	NO	0.371	A	0.381	A	NO	0.381	A	NO
9	5th St & Grand Ave	0.263	A	0.267	A	NO	0.303	A	0.307	A	NO	0.307	A	NO
10	5th St & Olive St	0.382	A	0.388	A	NO	0.415	A	0.421	A	NO	0.421	A	NO
11	5th St & Hill St	0.538	A	0.545	A	NO	0.591	A	0.597	A	NO	0.597	A	NO
12	5th St & Broadway	0.361	A	0.365	A	NO	0.399	A	0.403	A	NO	0.403	A	NO

Table 6 - Level of Service Analysis Results Summary - PM Peak Hour

Intersection		Year 2017 Existing Traffic Conditions		Existing Plus Project		Project Impact	Year 2021 Cumulative Base		Year 2021 Plus Project		Project Impact	Year 2021 Project with Mitigation		Net Project Impact
		V/C	LOS	V/C	LOS		V/C	LOS	V/C	LOS		V/C	LOS	
1	2nd St & Olive St	0.216	A	0.216	A	NO	0.228	A	0.228	A	NO	0.228	A	NO
2	2nd St & Hill St	0.581	A	0.592	A	NO	0.645	B	0.657	B	NO	0.657	B	NO
3	2nd St & Broadway	0.454	A	0.458	A	NO	0.496	A	0.499	A	NO	0.499	A	NO
4	3rd St & Hill St	0.610	B	0.629	B	NO	0.722	C	0.742	C	NO	0.742	C	NO
5	3rd St & Broadway	0.493	A	0.499	A	NO	0.585	A	0.591	A	NO	0.591	A	NO
6	4th St & Olive St	0.356	A	0.364	A	NO	0.411	A	0.419	A	NO	0.419	A	NO
7	4th St & Hill St	0.497	A	0.549	A	NO	0.581	A	0.633	B	NO	0.633	B	NO
8	4th St & Broadway	0.470	A	0.481	A	NO	0.551	A	0.562	A	NO	0.562	A	NO
9	5th St & Grand Ave	0.375	A	0.377	A	NO	0.452	A	0.455	A	NO	0.455	A	NO
10	5th St & Olive St	0.578	A	0.581	A	NO	0.618	B	0.622	B	NO	0.622	B	NO
11	5th St & Hill St	0.517	A	0.521	A	NO	0.595	A	0.599	A	NO	0.599	A	NO
12	5th St & Broadway	0.395	A	0.397	A	NO	0.459	A	0.467	A	NO	0.467	A	NO

6 Project Access Driveways

Vehicular access to the project site will be provided via two driveways and an existing alley. Both driveways are proposed in locations where driveways currently serve the existing surface parking lot, and it is assumed that the existing roadway striping on 4th Street and Hill Street would not need to be modified to accommodate the project. The first driveway is located on Hill Street, approximately 160 feet north of 4th Street. Vehicles entering the site from southbound Hill Street would be able to turn left into Driveway 1 via an existing two-way left turn lane. Vehicles exiting Driveway 1 would be able to turn left or right onto Hill Street.

The second driveway would be located on 4th Street, approximately 135 feet east of Hill Street and 175 feet west of Broadway. Fourth Street is a one-way street carrying eastbound traffic only, so Driveway 2 would be accessed via left turns in and left turns out only.

The project access driveways and the Project Buildout (Year 2021) peak hour driveway volumes with the project are shown in Figure 15. With peak hour volumes totaling less than 100 trips from each access driveway, the project driveways do not meet the criteria for the Manual on Uniform Traffic Control Design (MUTCD) Warrant 3, which is based on peak hour traffic volumes.

FIGURE 15 - PROJECT TRIPS AT ACCESS DRIVEWAYS



Driveway 1 - AM	
8 9	41 42
15	
Driveway 1 - PM	
28 33	24 25
53	

Driveway 2 - AM	
45	
13 17	
Driveway 2 - PM	
26	
47 42	



7 Los Angeles Congestion Management Plan (CMP)

Traffic analyses for new projects in Los Angeles County are also governed by the Los Angeles County Congestion Management Program (CMP), which sets forth specific analysis criteria for roadways and intersections included in the CMP network. The CMP facilities closest to the project, the distance from the project site to those facilities, and the number of peak hour forecast trips on those facilities are summarized in Table 7.

Table 7 - CMP Facilities

Facility Type	Facility Name	Distance From Project Site	AM Peak Hour Trips	PM Peak Hour Trips	Analysis Required
Freeway	Route 110	0.50 miles	23	30	No
Freeway	U.S. 101	0.65 miles	14	19	No
Freeway	Interstate 10	1.45 miles	7	8	No
Roadway	Wilshire Boulevard (west of Route 110)	0.65 miles	0	0	No
Roadway	Alameda Street	0.85 miles	13	17	No

The project does not contribute more than 50 peak hour trips to any CMP roadways and does not contribute more than 150 peak hour trips onto any CMP freeways, so a CMP analysis is not required for this project.

8 Alignment with Vision Zero

Mayor Eric Garcetti's Vision Zero Los Angeles initiative commits the City to creating safer streets for its most vulnerable road users, including children, older adults, and people walking and bicycling. The City aims to eliminate all traffic-related deaths by the year 2025. To focus the implementation of safety countermeasures, LADOT conducted a citywide traffic collision analysis and identified a network of streets known as the High Injury Network (HIN), which consists of streets where high incidences of collisions involving vulnerable road users have resulted in severe injuries and deaths. The segments of Hill Street and 4th Street adjacent to the project site are not included in the High Injury Network, so roadway improvements to enhance pedestrian and bicycle safety are not specifically required for the project.

9 Mitigation Measures

In the Existing (Year 2017), the project is not forecast to create significant impacts at any of the study intersections, and no mitigation measures are required based on LADOT criteria. The intersection of Hill Street and 3rd Street (#4) is forecast to operate at LOS D during the AM peak period in the With Project condition, but the project is not expected to create a significant impact at this location. All other study intersections are forecast to operate at LOS C or better during the AM and PM peak periods, therefore no mitigation measures are required by the LACCMP.

To be conservative, the analysis for the Project Buildout (Year 2021) does not assume that all study intersections will be operating under Adaptive Traffic Control System (ATCS) in the future condition. The project is not forecast to create a significant impact at any study intersections during the AM peak and PM peak, and would only operate better under adaptive traffic control. All intersections perform at LOS D or better during both time periods with and without the project, and no mitigation measures are required by the City or the LACCMP.

10 Conclusion

The high-rise residential project proposed at 340 S. Hill Street is not expected to generate any significant impacts to traffic operations in the existing condition or in the project opening year. No mitigation measures are required based on City of Los Angeles, County of Los Angeles, State of California or Federal criteria.

Appendix

LADOT Approved MOU

Traffic Counts

CMA Spreadsheets

Design Plans

LADOT Approved MOU



Transportation Impact Study Memorandum of Understanding (MOU)

This MOU acknowledges that the Transportation Impact Study for the following Project will be prepared in accordance with the latest version of LADOT's Transportation Impact Study Guidelines:

I. PROJECT INFORMATION

Project Name: 340 S. Hill St. Equity Residential Mixed-Use Project

Project Address: 338, 340, 342, 348, 352, 356 S. Hill Street and 311, 321 West 4th Street, Los Angeles CA 90013

Project Description The Project includes the demolition of a 109 space parking lot and 850 square foot restaurant on the Project site and the construction of a 33-story mixed-use building comprised of 428 multi-family residential units (320 market rate and 108 restricted affordable units including 22 very low income units), 2,980 square feet of leasing office space and up to a maximum of 2,630 square feet of neighborhood-serving retail. The Project site is made up of six parcels (APN's 5149-015-024, 5149-015-027, 5149-015-030, 5149-015-004, 5149-015-005, 5149-015-013). The site is adjacent to the Metro Red Line's Pershing Square northeast portal. A site access driveway on 4th Street leads to a basement garage with 139 parking stalls. An access driveway on Hill Street leads to the upper levels of the parking garage with 296 spaces.

LADOT Project Case Number: ENV-2015-982-EIR Project Site Plan attached? (Required) Yes No

II. TRIP GENERATION

Geographic Distribution: N 22 % S 28 % E 15 % W 35 %

Illustration of Project trip distribution percentages at Study intersections attached? (Required) Yes No

Trip Generation Adjustments (Exact amount of credit subject to approval by LADOT)

	Yes	No
Transit Usage	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Transportation Demand Management	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Existing Active Land Use	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Previous Land Use	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Internal Trip	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Pass-By Trip	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Trip Generation Rate(s): ITE 9th Edition / Other _____

Trip generation table including a description of the proposed land uses, ITE rates, estimated morning and afternoon peak hour volumes (ins/outs/totals), proposed trip credits, etc. attached? (Required) Yes No

	<u>IN</u>	<u>OUT</u>	<u>TOTAL</u>
AM Trips	<u>36</u>	<u>129</u>	<u>166</u>
PM Trips	<u>134</u>	<u>75</u>	<u>209</u>

III. STUDY AREA AND ASSUMPTIONS

Project Buildout Year: 2021 Ambient or CMP Growth Rate: 1.0018 % Per Yr.

Related Projects List, researched by the consultant and approved by LADOT, attached? (Required) Yes No


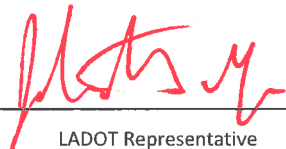
Subject to Freeway Impact Analysis, in addition to CMP Analysis? *(Freeway analysis screening filter must be included in this MOU; selecting "yes" implies that at least one criteria was satisfied)* Yes No

Map of Study Intersections attached? *(May be subject to LADOT revision after initial impact analysis)* Yes No

Is this Project located on a street within the High Injury Network? Yes No

IV. CONTACT INFORMATION

	<u>CONSULTANT</u>	<u>DEVELOPER</u>
Name	Lydia La Point, PE, LEED AP – IBI Group	Allison Geiman – Equity Residential
Address	315 W. 9th Street, Suite 600 Los Angeles CA 90015	26880 Aliso Viejo Parkway, Suite 200 Aliso Viejo, CA 92656
Phone No.	(310) 561-0065	(773) 505-2272
E-Mail	llapoint@ibigroup.com	ageiman@eqr.com

Approved by:	<input checked="" type="checkbox"/>  Consultant's Representative	6/6/2017 Date	<input checked="" type="checkbox"/>  LADOT Representative	6/6/17 Date
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V. SUPPLEMENTAL INFORMATION

Trip Generation

Project trips and trips generated by the existing site were estimated using the rates published in the ITE *Trip Generation*, 9th Edition. The LADOT rates for the affordable housing units and the ITE rates for all other uses are summarized in Table 1, and the project trip generation is calculated in Table 2. The project plans include a 2,980 square-foot leasing office and 2,630 square feet of space that may configured as residential lobby, office, retail or restaurant use, or a combination of uses. To be conservative, the project trip generation included in this memo assumes that the 2,630 square-foot area will be used as sit down restaurant space, because any other combination of uses would generate less trips.

Table 1 – Trip Generation Rates for Existing and Proposed Uses

Land Use	ITE Code	Units	Daily	AM	In (%)	Out (%)	PM	In (%)	Out (%)
Family Affordable Housing ¹	LADOT	DU	4.08	0.50	40%	60%	0.34	55%	45%
Apartment	220	DU	6.65	0.51	20%	80%	0.62	65%	35%
General Office	710	TSF	11.01	1.55	88%	12%	1.49	17%	83%
Retail	820	TSF	42.70	0.96	62%	38%	3.71	48%	52%
Quality Restaurant	931	TSF	89.95	0.81	50%	50%	7.49	67%	33%
High-Turnover Restaurant	932	TSF	127.15	11.52	52%	48%	11.15	59%	41%

1. Source: City of Los Angeles Transportation Impact Study Guidelines (December 2016), not eligible for transit credits.
 Source for all other rates: ITE *Trip Generation*, 9th Edition DU – dwelling units; TSF – thousand square feet

Table 2 – Project Trips Generated by New Uses

Land Use	ITE Code	Units	Qty	Daily	AM			PM		
					IN	OUT	Total	IN	OUT	Total
Apartment	220	DU	406	2,700	41	166	207	164	88	252
General Office	710	TSF	2.98	33	4	1	5	1	4	5
Quality Restaurant	931	TSF	2.63	237	1	1	2	13	7	20
Proposed New Trips Eligible for Transit Credit Reduction				2,970	46	167	214	178	99	277
Family Affordable Housing	LADOT	DU	22	90	4	7	11	4	3	7

DU – dwelling units; TSF – thousand square feet

Affordable/Workforce Housing

The 428 residential units include 320 market rate units and 108 set-aside Restricted Affordable units, including 22 very-low-income housing units and one of the following: 1) 10 percent of the total number of units for Low Income households; 2) 15 percent of the total number of units for Moderate Income households; or 3) 20 percent of the total number of units for Workforce Income households. The trip generation rates for Family Affordable Housing from the Los Angeles Transportation Impact Study Guidelines (dated December 2016) were applied to 22 of the residential units. No additional adjustments are applied to the affordable housing trips.

Transit Usage

A staircase leading down to the Pershing Square Station, which provides access to the Metro Red and Purple rail lines, is located directly in front of the project site. There is also a transit stop located adjacent to the project site on Hill Street that is served by Metro Local, Rapid and Express buses with peak hour headways as short as five minutes. It is expected that LADOT would allow the maximum transit credit of 25% for this project. The 25% reduction is applied to the market rate residential units, leasing office and commercial space trip generation.

Transportation Demand Management

The project includes 4 commercial bicycle parking spaces (2 long-term and 2 short-term) and 471 residential (43 long-term and 428 short-term) bicycle spaces and unbundled residential parking, but no trip credits are expected for these TDM measures. A performance-based TDM Program is not being prepared.

Existing Active Land Use

The existing site is currently developed with a 109 space surface parking lot. No trip credits are associated with the redevelopment of the surface parking lot. A small restaurant (Taco House) with a gross floor area of 850 square feet is also located on the site, with frontage on Hill Street. The restaurant will be removed with the project, and trip credits are assumed for the traffic generated by this use.

Pass-By Trips

The LADOT policy on pass-by trips is to apply a discount rate of 20% to high turnover restaurant uses. To be conservative, it is assumed that the total area allocated to retail or restaurant use will be developed as sit-down restaurant space, which is not eligible for this credit. Pass-by trips are accounted for in the existing active land use calculations.

Table 3 – Net Project Generated Trips with Trip Credits

Land Use	ITE Code	Qty	Units	Daily	AM			PM		
					IN	OUT	Total	IN	OUT	Total
Proposed New Uses										
Apartment	220	406	DU	2,700	41	166	207	164	88	252
General Office	710	2.98	TSF	33	4	1	5	1	4	5
Quality Restaurant	931	2.63	TSF	237	1	1	2	13	7	20
Total Proposed New Trips				2,970	46	167	214	178	99	277
Existing Uses to be Removed										
Sit-Down Restaurant	932	0.85	TSF	108	5	5	10	6	4	10
Pass-By Trips	932	-20%		-22	-1	-1	-2	-1	-1	-2
Total Existing Trips to be Removed				86	4	4	8	5	3	8
Proposed New Trips Minus Existing Use Trips				2,884	42	163	206	173	96	269
Transit Trip Credits										
Transit Credit	-25%	TSF		-721	-10	-41	-51	-43	-24	-67
Affordable Housing Trips										
Affordable Housing Trips	22	DU		90	4	7	11	4	3	7
Net Project Trips (Based on ITE Rates)				2,253	36	129	166	134	75	209

DU – dwelling units; TSF – thousand square feet

Pass-by trip discount rate from Attachment D of the LADOT Traffic Study Policies and Procedures

Freeway Impact Analysis Screening

The project is located about 0.5 miles east of the Route 110 freeway and about 0.6 miles south of the US-101 freeway. The distribution of project trips onto the freeway network is based on the regional daily distribution factors included in Appendix D of the 2010 Congestion Management Program for Los Angeles County.

Table 4 presents a summary of the peak hour project trips forecast to travel on the Route 110 and US-101 freeways. The project is not expected to increase peak hour traffic on any freeway mainline segments by more than one percent (1%) of capacity.

Table 4 – Freeway Mainline Analysis

Freeway	Dir	Location	Lanes	Capacity (vph)	Project Trips		Project Increase		Exceeds Threshold of 1%
					AM	PM	AM	PM	
Route 110	NB	South of 5 th St	3	6,000	5	19	0.08%	0.32%	
Route 110	SB	South of 5 th St	3	6,000	18	11	0.30%	0.18%	
Route 110	NB	North of 4 th St	3	6,000	15	9	0.25%	0.15%	
Route 110	SB	North of 4 th St	3	6,000	4	16	0.07%	0.27%	
US-101	NB	West of Hill St	3	6,000	10	6	0.17%	0.10%	
US-101	SB	West of Hill St	3	6,000	4	13	0.07%	0.22%	
US-101	NB	East of Hill St	3	6,000	3	11	0.05%	0.18%	
US-101	SB	East of Hill St	4	8,000	10	6	0.17%	0.10%	

Table 5 includes the number of AM and PM peak hour trips that are likely to use various freeway access ramps. With an assumed capacity of 850 vehicles per hour per ramp lane, the PM peak hour trips on the 4th Street off-ramp from northbound Route 110 are forecast to increase the ramp volume by 2.24% of capacity. However, the northbound and southbound Route 110 off-ramps to 4th Street do not terminate immediately at an intersection, but lead onto 4th Street in an exclusive lane with no merge or weave segments. Fourth Street is a one-way eastbound street that is grade separated from Flower Street, Hope Street and Grand Avenue. The first intersection following the freeway exit is 4th Street and Olive Street, which is one of the proposed study intersections. Given that the Route 110 off-ramps to 4th Street do not terminate at an intersection, a capacity of 1,700 vehicles per hour per lane has been used for these ramps.

Table 5 – Ramp Analysis

Freeway	Dir	Off-ramp to	Exit	Ramp Lanes	Ramp Capacity (vph)	Project Trips		Project Increase		Exceeds Threshold of 2%
						AM	PM	AM	PM	
Route 110	NB	4 th St	23C	1	1,700*	5	19	0.29%	1.12%	
Route 110	SB	4 th St	23B	1	1,700*	4	16	0.24%	0.94%	
US-101	NB	Spring St		1	850	3	11	0.35%	1.29%	
US-101	SB	Broadway		1	850	4	13	0.47%	1.53%	

* The northbound and southbound Route 110 off-ramps to 4th Street do not terminate immediately at an intersection, but lead onto 4th Street in an exclusive lane with no merge segments.

FIGURE 1 - PROJECT LOCATION

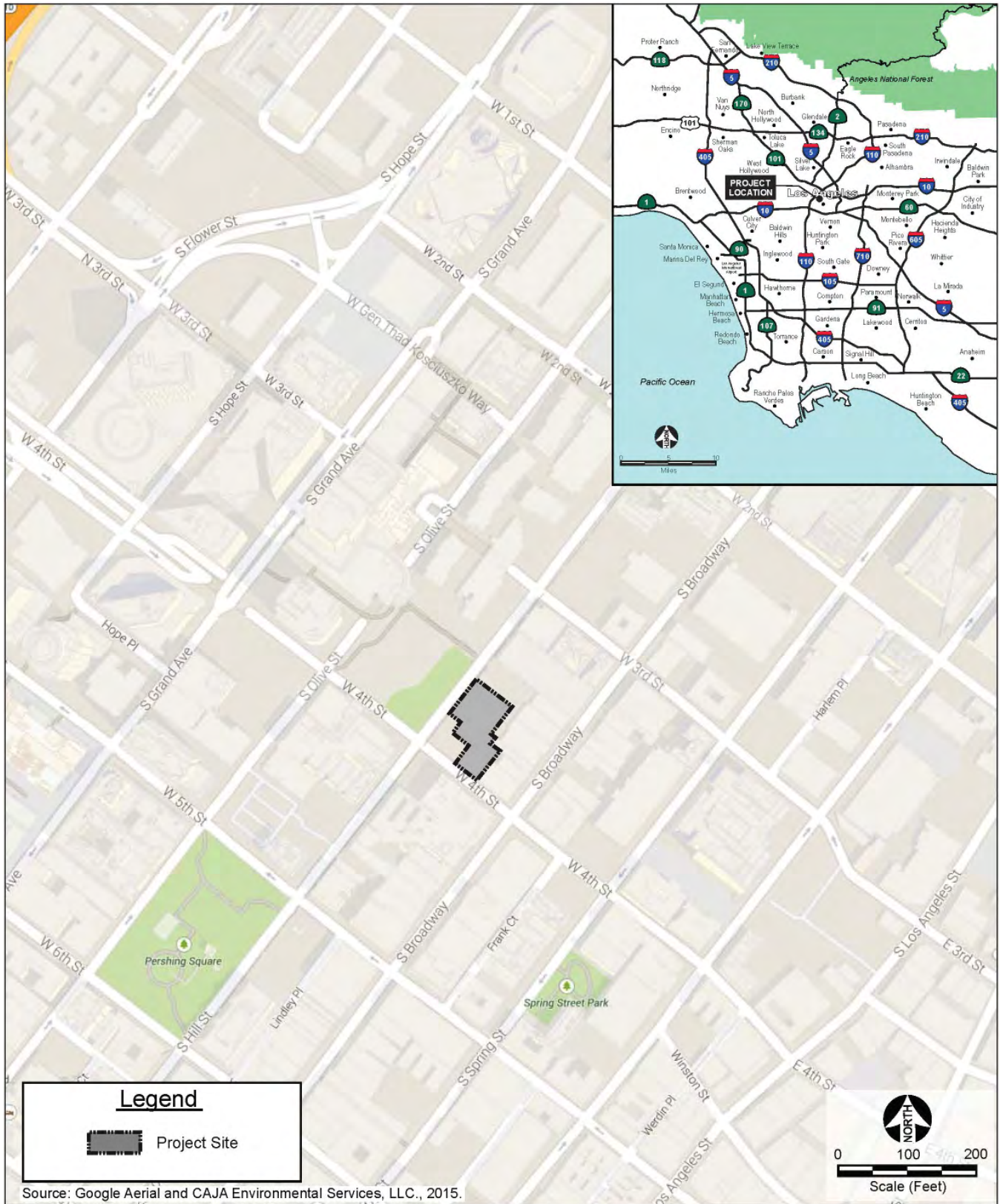


FIGURE 2 - PROJECT SITE PLAN

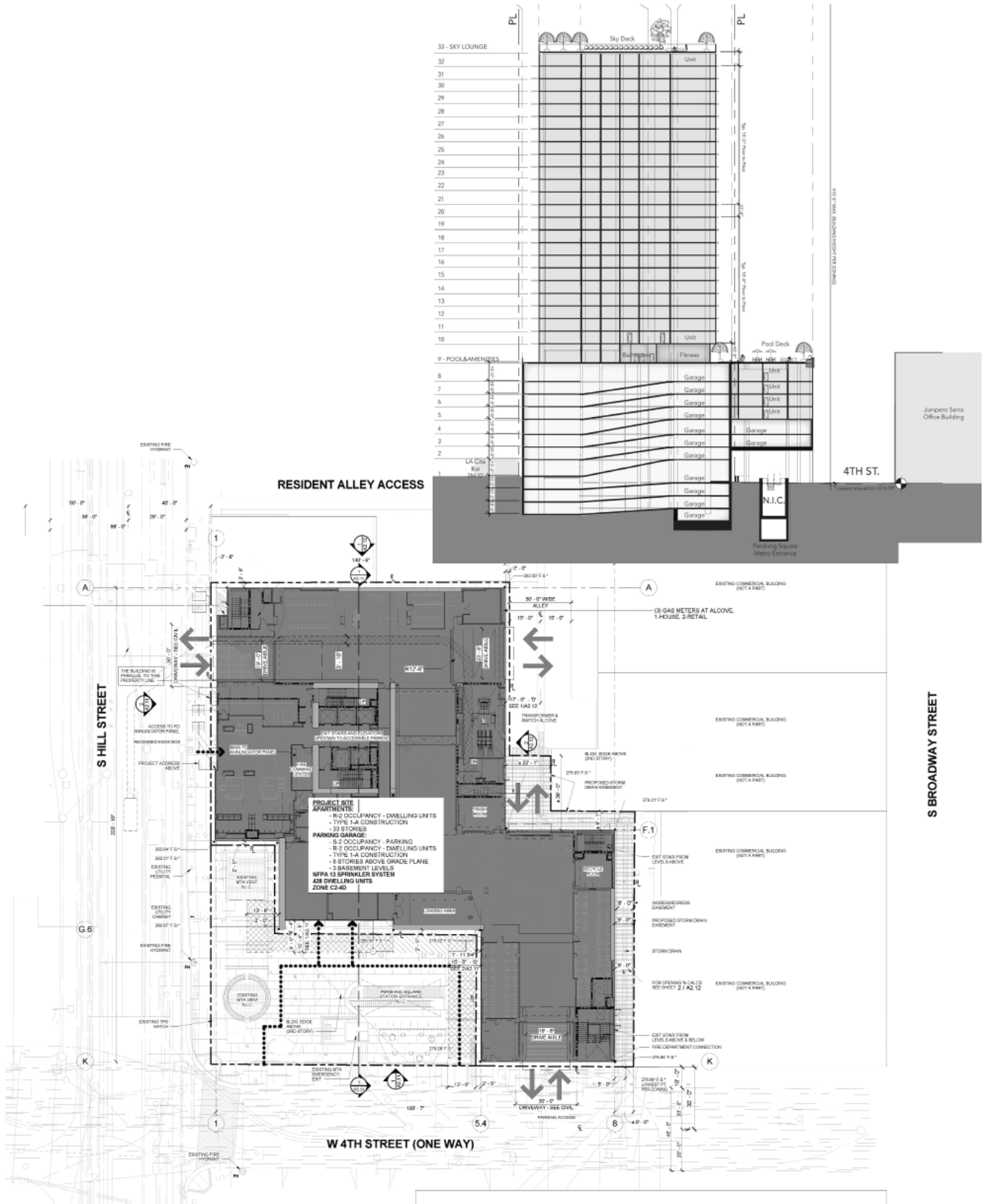


FIGURE 3 - STUDY INTERSECTION GEOMETRY AND CONTROL

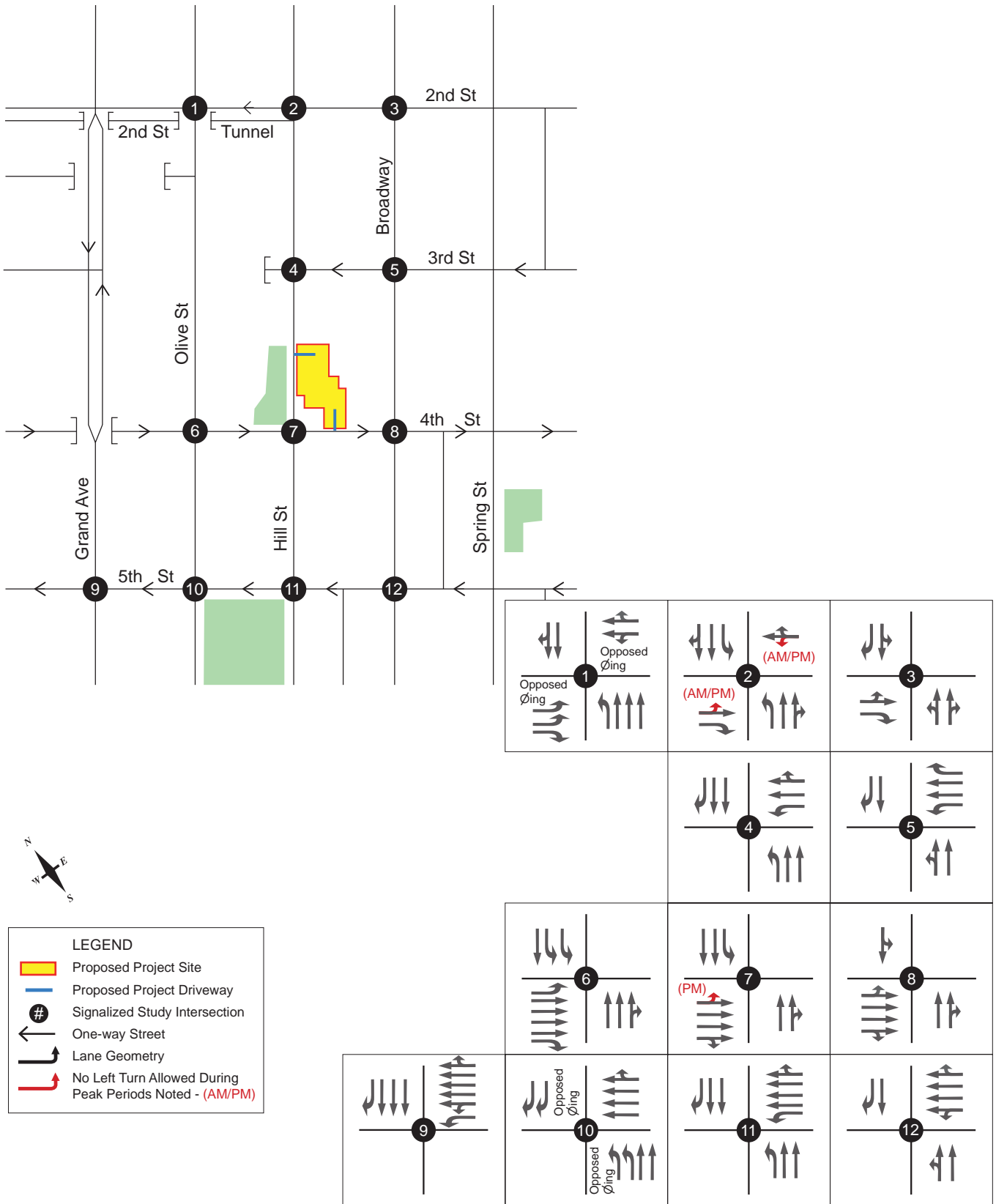
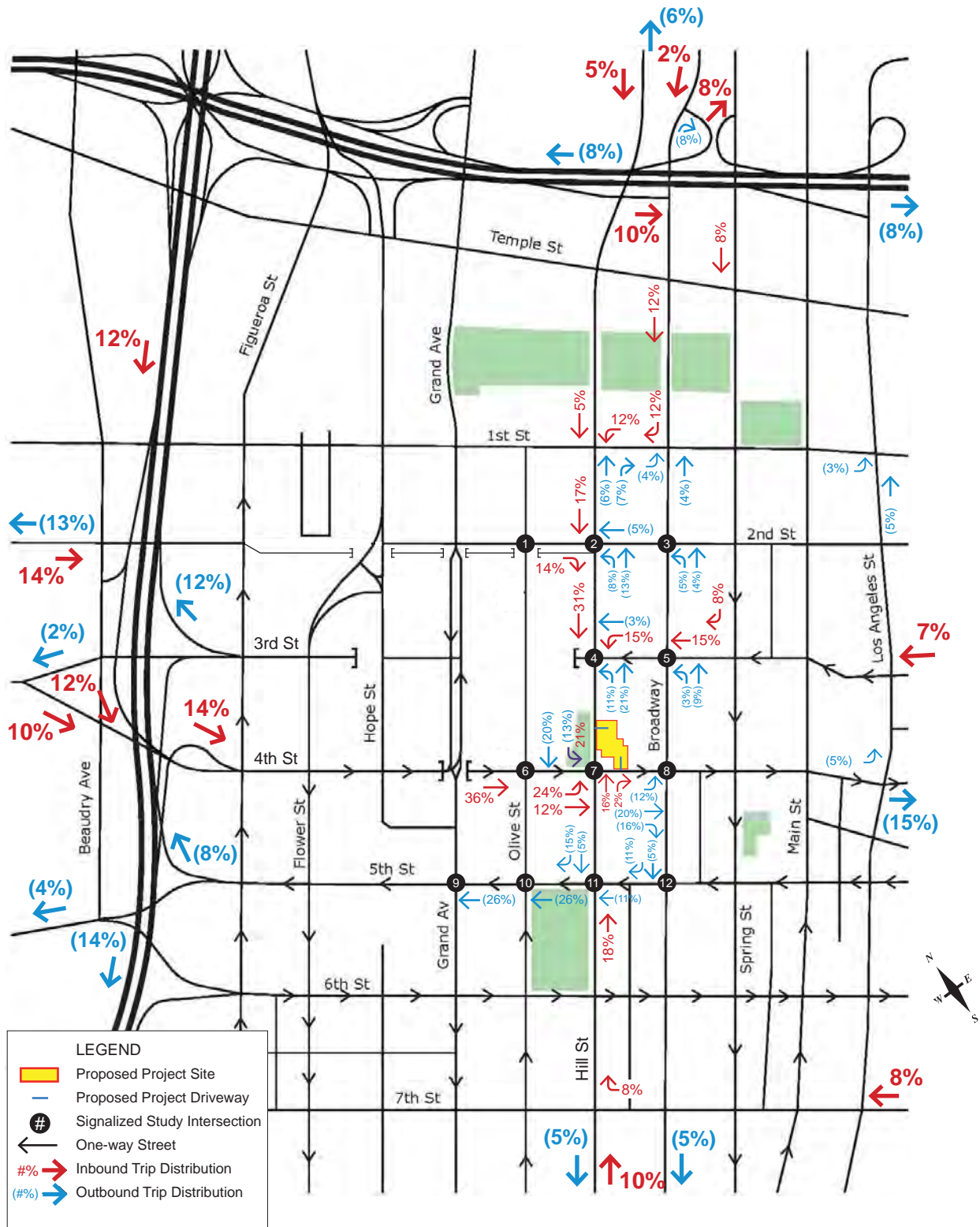


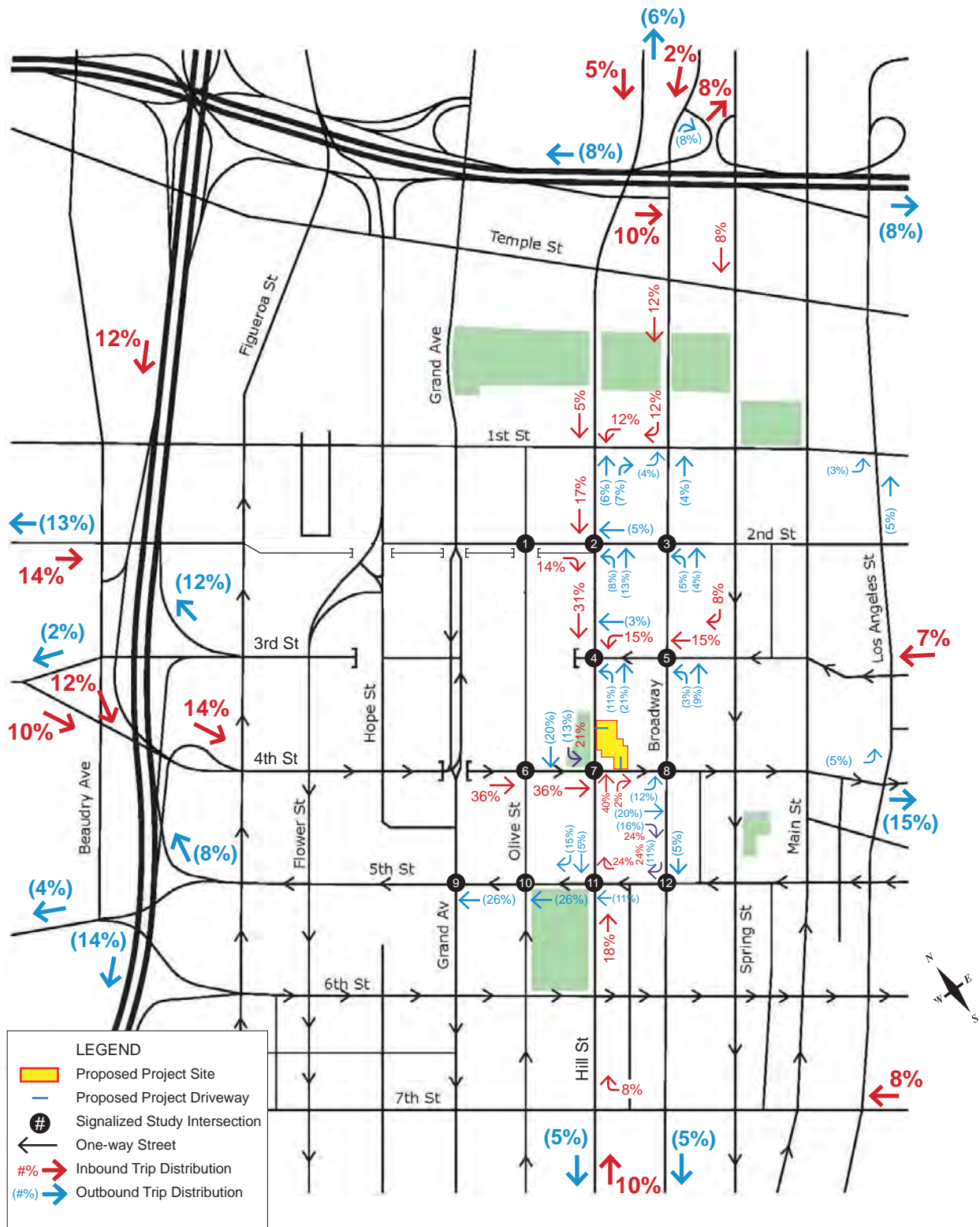
FIGURE 4 - PROJECT TRIP DISTRIBUTION: AM PEAK



Note: For trip distribution through project access driveways, see Figure 10.



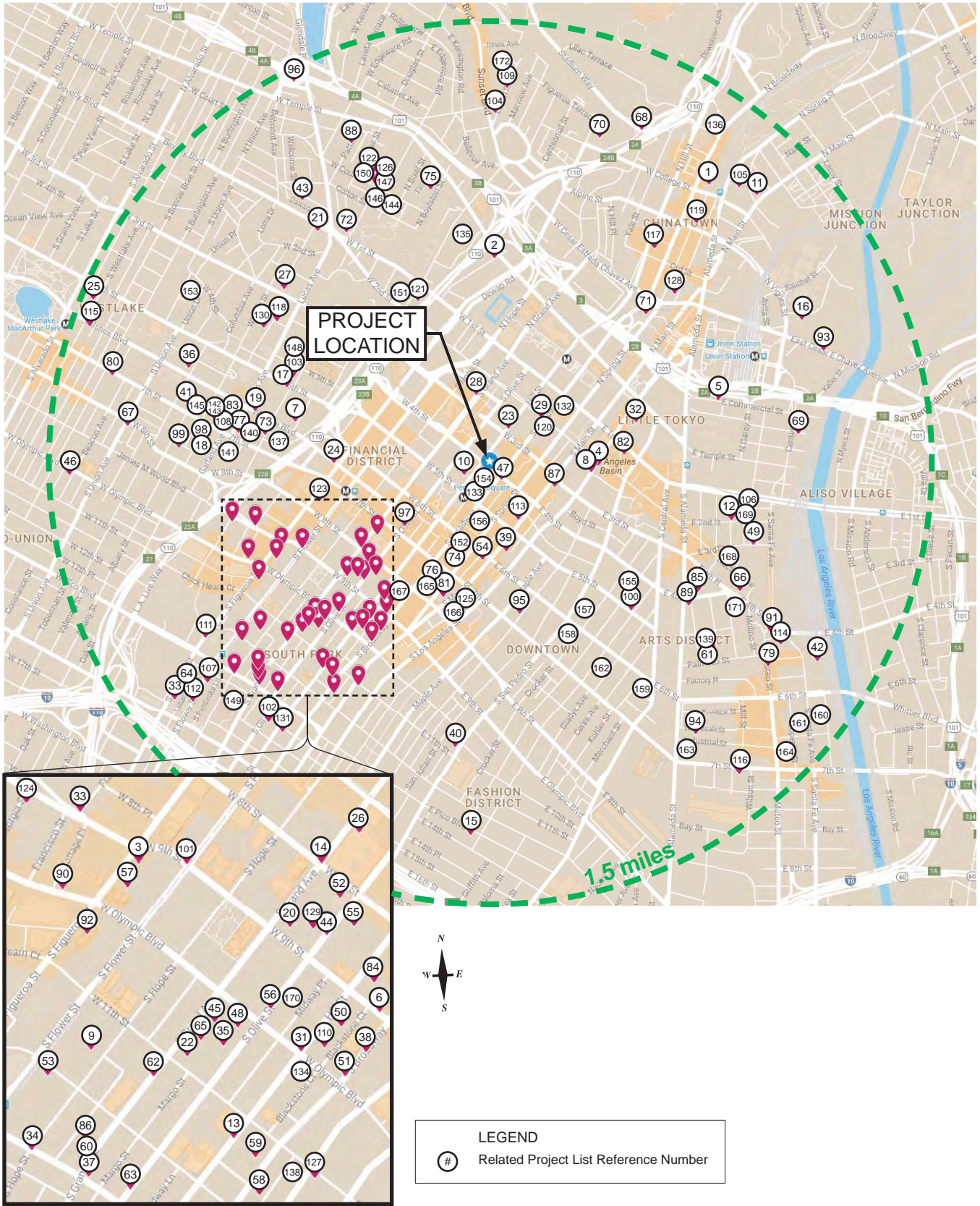
FIGURE 5 - PROJECT TRIP DISTRIBUTION: PM PEAK



Note: For trip distribution through project access driveways, see Figure 10.



FIGURE 6 - RELATED PROJECT LOCATIONS



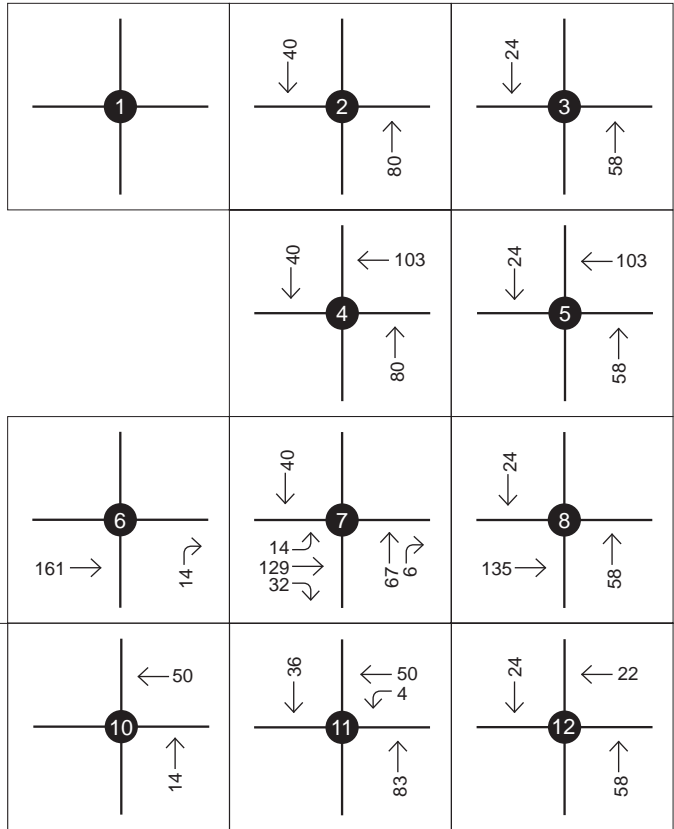
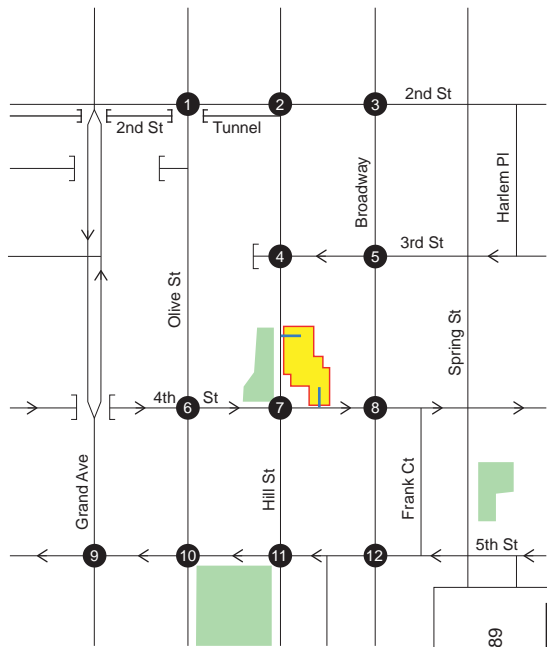
No.	LADOT Project ID	Project Title/Planning Case No.	First Study Submittal Date	Distance (mi)	Address	Net Trip Generation Data						
						AM	PM	Daily	AM IN	AM OUT	PM IN	PM OUT
1	30998	Blossom Plaza	3/25/2004	1.2	900 N Broadway	155	184	2767	66	89	105	79
2	31507	Da Vinci Apts Opening Summer 2014)	3/20/2006	0.6	327 N Fremont Av	361	503	5457	113	248	286	217
3	31989	2005-CEN-1989 (Apex Ph 1)	4/11/2005	0.8	900 S Figueroa St	183	238	2624	37	146	143	95
4	31993	Ava Little Tokyo	5/18/2005	0.4	200 S Los Angeles St	248	334	4331	59	189	187	147
5	32784	Bus Maintenance & Inspection Facility	12/5/2005	0.8	454 E Commercial St	30	10	0	22	8	9	1
6	32867	Northeast tower (mixed-use)	4/7/2006	0.7	215 W 9th St	70	102	1140	14	56	64	38
7	32870	Tenten Wilshire Expansion (The Icon)	12/23/2005	0.7	1027 W Wilshire Blvd	113	136	1498	21	92	83	53
8	33110	Vibiana Lofts (mixed-use)	3/28/2006	0.3	225 S Los Angeles St	224	126	1910	88	136	75	52
9	33242	Amacon Project	11/2/2006	1.0	1133 S Hope St	94	141	1543	20	74	91	50
10	33243	5th & Olive (formerly Park Fifth) Revised	4/12/2007	0.2	437 S Hill St	167	259	3088	44	122	162	97
11	33305	1101 N Main Condos	4/10/2006	1.3	1101 N Main St	71	87	1102	-9	80	75	12
12	33546	Mixed-Use Project (Megatoys)	1/3/2007	0.9	905 E 2nd St	64	92	1207	-6	70	69	23
13	33969	11th & Hill Project	7/2/2007	1.0	1115 S Hill St.	-5	43	543	-45	40	50	-7
14	33970	8th / Hope / Grand Project	4/4/2008	0.6	609 W 8th St.	194	401	4908	90	104	242	159
15	34168	Stanford Regency Plaza	8/14/2007	1.3	810 E Pico Bl	88	122	1889	54	34	59	63
16	34450	MTA Bus Facility	11/13/2008	1.1	920 N Vignes St	85	88	2277	33	52	57	31
17	34520	Bixel & Lucas Project	3/21/2008	0.8	1102 W 6th St	256	387	4200	61	195	232	155
18	34656	Condominiums (58 units)	1/28/2015	1.0	742 S Hartford Av	26	31	333	5	21	20	11
19	34699	Office Building	11/6/2008	0.8	1160 W Wilshire Blvd	104	89	964	92	12	28	61
20	34779	Embassy Tower	12/12/2008	0.7	848 S Grand Av	210	377	3882	66	144	212	165
21	34799	Beverly + Lucas Project	3/9/2009	1.0	1430 W Beverly Blvd	60	73	780	13	49	47	25
22	34802	Mixed-Use (Glass Tower Project - 2016)	11/17/2008	0.9	1050 S Grand Av	68	99	1084	15	54	64	35
23	34803	Zen Mixed-Use Project (Kawada Tower)	3/18/2009	0.1	250 S Hill St	94	108	1217	21	73	66	42
24	35080	Wilshire Grand Project	10/15/2009	0.6	900 W Wilshire Blvd	800	858	3624	725	75	94	764
25	35654	Westlake Theater Apts	3/9/2011	1.5	619 S Westlake Av	20	24	254	3	17	16	8
26	35867	Mixed-Use	5/27/2013	0.5	710 S Grand Av	273	477	5245	88	185	275	202
27	40016	Mixed-Use	3/1/2012	0.9	1435 W 3rd St	53	66	711	11	42	41	25
28	40129	Grand Avenue Parcel M-2 Rev)	3/7/2012	0.2	237 S Grand Av	1540	2414	21631	929	611	1067	1348
29	40175	ISAF - Retail/Restaurant	7/12/2013	0.2	201 S Broadway	-81	70	0	-40	-41	53	17
30	40289	1500 S Figueroa - MU	6/19/2012	1.4	1500 S Figueroa St	85	111	1199	18	67	71	40
31	40311	Olympic & Hill MU Project	7/20/2012	0.8	301 W Olympic Blvd	134	225	2496	30	104	143	82
32	40338	LA Civic Center Office	9/21/2012	0.5	150 N Los Angeles St	1048	1374	13534	930	118	435	942
33	40371	Metropolis Mixed-Use	5/31/2012	0.8	899 S Francisco St	625	899	8010	307	318	387	512
34	40430	SPR-Mixed-Use (Onyx West & East)	1/3/2013	1.2	1300 S Hope St	194	238	4280	88	105	136	102
35	40665	Apartments	11/8/2012	0.9	1027 S Olive St	48	59	632	9	39	38	21
36	40692	Mixed-Use (Valencia Project)	3/12/2013	1.1	1501 W Wilshire Bl	7	61	1163	-11	18	38	23
37	40712	G12 Mixed-Use	3/5/2013	1.1	1200 S Grand Av	240	315	4886	92	148	181	134
38	40746	Mixed-Use	1/3/2013	0.7	928 S Broadway	250	381	4715	21	229	272	109
39	40882	Mixed-Use	3/28/2013	0.4	534 S Main St	127	145	2213	52	75	87	58
40	40903	The City Market (Mixed-Use)	7/18/2013	1.1	1057 S San Pedro St	1271	1589	0	837	434	632	957
41	40923	Mixed-Use	3/20/2013	1.1	1329 W 7th St	53	61	662	16	37	39	22
42	40927	Office	3/3/2015	1.3	540 S Santa Fe Av	102	98	726	90	12	17	81
43	41004	Charter High School	4/18/2013	1.1	1552 W Rockwood St	180	54	715	122	58	26	29
44	41068	Mixed-Use	4/15/2013	0.6	840 S Olive St	247	270	3071	81	166	174	96
45	41207	Mixed-Use	9/2/2013	0.8	1000 S Grand Av	121	199	2216	27	94	130	69
46	41209	1700 W Olympic Hotel	8/6/2013	1.5	1700 W Olympic Bl	76	87	1157	44	32	45	42
47	41228	Mixed-Use	8/7/2013	0.1	400 S Broadway	183	212	2266	36	147	139	73
48	41288	1001 Olive Street Project	8/12/2013	0.8	1001 S Olive St	101	145	1581	22	79	94	51
49	41295	950 E. 3rd St	7/3/2013	1.0	950 E 3rd St	339	458	6372	162	177	245	213
50	41320	Hill Street Mixed-Use	9/17/2013	0.7	920 S Hill St	107	137	1476	23	84	87	50
51	41321	Broadway Mixed-Use	9/17/2013	0.8	955 S Broadway	93	117	1275	21	72	74	43
52	41367	Mixed-Use	9/24/2013	0.6	801 S Olive St	162	225	2557	33	129	140	83
53	41406	Flower (1212) Mixed Use	9/24/2013	1.1	1212 S Flower St	311	350	3956	78	233	229	121
54	41460	Mixed-Use	10/23/2013	0.4	601 S Main St	179	238	2686	36	144	152	87
55	41492	Mixed-Use	10/16/2013	0.6	820 S OLIVE St	264	302	3309	63	202	195	106
56	41567	Olympic & Olive Mixed-Use Project	10/14/2013	0.8	960 S Olive St	116	71	2266	25	91	48	23
57	41568	Variety Arts (Mixed-Use)	6/4/2014	0.9	940 S Figueroa St	9	134	2237	5	4	99	35
58	41695	Mixed-Use	1/13/2014	1.0	1148 S Broadway	38	50	553	8	30	32	18
59	41710	Mixed-Use Project (Herald Examiner)	12/4/2013	1.0	1111 S Broadway	319	532	5198	144	176	258	274
60	41713	Apartments	2/12/2014	1.1	1247 S Grand Av	51	67	763	10	41	42	25
61	41742	Mixed-Use	12/31/2014	1.0	1147 E Palmetto	215	230	2908	73	141	147	83
62	41774	DTLA South Park Site 1	2/6/2014	1.0	1120 S Grand Av	170	229	2730	42	127	136	93
63	41775	DTLA South Park Site 4	2/6/2014	1.1	1230 S Olive St	157	196	2114	31	126	127	69
64	41782	1400 S Figueroa St Residential Proj	3/25/2014	1.4	1400 S Figueroa St	48	61	647	10	38	39	22
65	41864	Restaurant	6/18/2014	0.9	1036 S Grand Av	5	41	492	2	3	27	14
66	41918	Mixed-Use (Coca Cola)	7/2/2014	1.0	963 E 4th St	128	251	2512	106	22	113	138

No.	LADOT Project ID	Project Title/Planning Case No.	First Study Submittal Date	Distance (mi)	Address	Net Trip Generation Data						
						AM	PM	Daily	AM IN	AM OUT	PM IN	PM OUT
67	42004	Legal Aid Foundation of LA	5/29/2014	1.3	1550 W 8th St	33	32	230	29	4	6	26
68	42089	Stadium Wy & Chavez Ravine Apartmer	7/21/2015	1.2	959 E Stadium Wy	81	98	1051	16	65	64	34
69	42151	Metro Emergency Security Operations C	9/1/2015	1.0	410 N Center St	87	79	1165	87	0	0	79
70	42188	Kaiser Victor Heights	6/11/2015	1.1	765 W College St	226	276	3422	178	48	78	198
71	42281	La Plaza Cultura Village	6/17/2014	0.7	527 N Spring St	167	320	3585	49	118	189	131
72	42361	Mixed-Use	9/3/2014	0.9	1335 W 1st St	50	66	714	10	40	42	24
73	42388	Hotel & Apartments	3/2/2016	0.8	675 S Bixel St	247	300	3461	74	173	184	116
74	42406	Spring St Hotel	5/12/2016	0.4	633 S Spring St	116	196	2045	83	33	97	99
75	42443	Residential	10/29/2014	0.9	401 N Boylston St	43	52	561	8	35	34	18
76	42499	Mixed-Use	11/25/2014	0.6	737 S Spring St	213	283	3942	72	141	167	116
77	42504	Mixed-Use	2/11/2015	0.9	1145 W 7th St	70	102	1084	4	66	67	35
78	42561	Mixed-Use	11/5/2014	0.9	1150 W Wilshire Bl	4	34	511	-22	26	39	-5
79	42563	Retail (Palmetto & Mateo)	12/10/2014	1.2	555 S Mateo St	35	425	4300	5	30	220	205
80	42691	Restaurants & Bar	2/9/2015	1.4	1728 W 7th St	-70	64	362	-30	-40	50	14
81	42698	Mixed-Use	1/28/2015	0.5	732 S Spring St	211	268	3409	59	152	164	104
82	42715	Apartments	5/28/2015	0.4	118 S Astronaut	19	25	97	-1	20	19	6
83	42718	Apartments	12/3/2014	1.0	1218 W Ingraham St	41	50	532	8	33	33	17
84	42971	Alexan South Broadway	10/1/2015	0.7	850 S Hill St	134	181	1970	28	106	116	65
85	43026	Mixed-Use	3/3/2015	0.8	360 S Alameda St	58	61	670	25	33	35	26
86	43131	Grand Residence	2/5/2016	1.1	1229 S Grand Av	85	95	1116	23	62	62	33
87	43247	Medallion Phase 2	9/29/2015	0.3	300 S Main St	386	410	4691	143	243	257	153
88	43328	Apartments	10/28/2015	1.2	340 N Patton St	20	25	267	4	16	17	8
89	43378	400 S Alameda Hotel	12/1/2015	0.9	400 S Alameda St	36	37	508	19	17	23	14
90	43386	Olympic Tower Project MU	11/3/2016	0.9	815 W Olympic Bl	270	332	3915	137	133	167	165
91	43417	Restaurant	9/2/2015	1.2	500 S Mateo St	89	81	1052	48	41	50	31
92	43497	LUXE Hotel Mixed-Use Project	5/17/2016	0.9	1020 S Figueroa St	478	539	6583	204	274	312	227
93	43533	Mixed-Use	8/5/2015	0.7	700 W Cesar Chavez Av	96	153	1511	7	89	99	54
94	43538	Camden Arts Mixed-Use	8/5/2015	1.2	1525 E Industrial St	131	155	2288	58	73	86	69
95	43554	Clinic at 7th & Wall	8/11/2015	0.6	649 S Wall St	29	27	104	24	5	3	24
96	43563	LA Hotel	10/28/2015	1.5	1625 W Palo Alto St	47	53	727	28	19	27	26
97	43608	Hotel + Retail	12/23/2015	0.4	649 S Olive St	109	123	1674	6	44	63	60
98	43794	Apartments (80 units)	3/3/2016	1.0	740 S Hartford Av	37	45	479	7	30	29	15
99	43861	1322 Linwood Apts	3/30/2016	1.1	1322 W Linwood Ave	35	42	449	5	30	28	14
100	43871	Mixed-Use	3/30/2016	0.7	719 E 5th St	73	96	1033	15	58	59	37
101	43880	Apex II Mixed-Use	12/2/2015	0.8	700 W 9th St	183	238	2624	37	146	143	95
102	43902	14th & Olive MU	4/7/2016	1.2	1340 S Olive St	133	146	1700	51	82	89	57
103	43947	Sapphire Mixed-Use	12/23/2015	0.8	1111 W 6th St	46	53	587	-71	117	104	-51
104	44006	Sunset Everett Mixed-Use	1/15/2016	1.2	1185 W Sunset Bl	201	175	2474	70	131	105	70
105	44019	College Station Mixed-Use	9/1/2016	1.2	129 W College St	461	509	6583	169	290	307	201
106	44072	Mixed-Use (mostly private club)	5/5/2016	0.9	929 E 2nd St	70	189	2014	61	9	101	88
107	44115	Mixed-Use	5/3/2016	1.3	1334 S Flower St	48	67	796	-1	49	51	16
108	44145	Mixed-use (Lifan Tower)	3/24/2016	1.0	1235 W 7th St	118	154	1725	23	95	100	54
109	44216	Everett St (1013) Project	7/13/2016	1.4	1013 Everett St	24	28	310	5	19	19	9
110	44220	940 S Hill MU - Revised	3/25/2016	0.8	940 S Hill St	100	168	1881	20	80	115	53
111	44297	Mixed-Use	2/21/2017	1.2	1250 S Figueroa St	317	415	5720	192	125	203	212
112	44373	1370 S Flower St Residential	6/23/2016	1.3	1400 S Flower St	48	68	801	-1	49	51	17
113	44382	433 S Main St	8/2/2016	0.2	433 S Main St	62	113	1859	85	147	66	48
114	44400	520 Mateo St MU	1/18/2017	1.2	520 S Mateo St	304	388	4314	77	227	255	133
115	44442	1930 Wilshire MU	7/19/2016	1.5	1930 W Wilshire Bl	85	61	1355	-44	128	103	-41
116	44454	Mixed-Use (Revised)	5/23/2016	1.4	1800 E 7th St	71	82	816	26	45	45	37
117	44458	Hill Mixed-Use Project	7/27/2016	0.9	708 N Hill St	73	90	980	16	57	57	33
118	44478	Urban View Lofts Project	9/7/2016	0.9	495 S Hartford Av	79	96	1033	16	63	62	34
119	44479	Alpine Mixed Use	8/18/2016	1.1	211 W Alpine St	51	55	566	9	42	37	18
120	44536	Tribune (LA Times) South Tower Project	4/12/2017	0.4	222 W 2nd St	560	541	4006	467	93	118	423
121	44484	Beaudry Av & 2nd St Mixed-Use Project	8/26/2016	0.6	130 S Beaudry Av	84	105	1159	8	76	76	29
122	44641	1316 Court & 1323 Colton Apts	9/27/2016	1.0	1316 W Court St	57	69	745	11	46	45	24
123	44685	8th & Figueroa MU	10/27/2016	0.7	744 S Figueroa St	186	270	2972	38	148	176	94
124	44688	Downtown LA Hotel	12/21/2016	1.0	926 W James M Woods Bl	101	115	1562	59	42	59	56
125	44824	Mixed-Use	4/6/2017	0.4	755 S Los Angeles	44	74	842	41	3	19	55
126	44947	Apartments	11/10/2016	1.0	1300 W Court St	22	27	286	4	18	17	10
127	44970	Mixed-Use	2/10/2017	1.0	1100 S Main St	112	92	385	9	103	78	14
128	44980	643-655 N Spring St MU	3/22/2017	0.8	643 N Spring St	98	147	1610	24	74	89	58
129	45034	845 Olive & 842 Grand MU	3/24/2017	0.7	845 S Olive St	94	111	1202	24	70	72	39
130	45288	Apartments	1/4/2017	0.9	459 S Hartford Av	31	44	361	15	15	22	22
131	45355	14th St/Hill St (DTLA) MU	3/22/2017	1.2	1340 S Hill St	114	138	1755	11	103	108	30
132	45603	Mixed-Use (Times Mirror Square)	4/12/2017	0.4	100 S Broadway	435	332	8535	94	341	294	38
133	45772	Fifth & Hill Center MU/VT-74659	9/30/2016	0.2	333 W 5th St	178	376	4689	89	89	233	143

No.	LADOT Project ID	Project Title/Planning Case No.	First Study Submittal Date	Distance (mi)	Address	Net Trip Generation Data						
						AM	PM	Daily	AM IN	AM OUT	PM IN	PM OUT
134		VTT-74760	12/9/2016	0.77	1000 S HILL ST 90015	262	341	3683	56	206	216	125
135		DIR-2015-2158-SPP	6/8/2015	0.76	1000 W TEMPLE ST 90012	-111	171	4826	-626	514	510	-339
136		ZA-2015-2039-CU-SPR	6/1/2015	1.46	1011 N BROADWAY 90012	42	19	346	26	17	12	7
137		ZA-2017-978-ZV-SPPA-SPP	3/8/2017	0.7	1018 W INGRAHAM ST 90017	8	15	167	2	6	9	6
138		ZA-2016-3025-ZV	8/16/2016	0.19	110 W 11TH ST 90015	-9	30	373	-8	-1	26	4
139		VTT-74549	9/28/2016	1.04	1100 E 5TH ST 90013	192	213	2007	94	98	101	112
140		ENV-2015-2800-MND	7/30/2015	0.89	1135 W 7TH ST 90017	103	142	1457	13	91	92	50
141		VTT-74535	1/31/2017	0.95	1200 W 7TH ST 90017	0	0	0	0	0	0	0
142		DIR-2017-11-DB-SPP	1/3/2017	0.97	1237 W 7TH ST 90017	158	207	2232	34	124	131	76
143		ENV-2006-8586-MND-REC2	1/3/2017	0.99	1247 W 7TH ST 90017	-33	-31	-231	-29	-4	-5	-26
144		ENV-2016-4032-EAF	10/24/2016	0.93	1301 W COLTON ST 90026	15	18	193	3	12	12	6
145		DIR-2015-3777-SPP-DB-1A	6/30/2016	1.03	1307 W 7TH ST 90017	41	66	722	11	31	39	27
146		DIR-2016-4576-DB-SPP	12/1/2016	0.97	1315 W COLTON ST 90026	31	37	399	6	24	24	13
147		DIR-2016-4578-DB-SPP	12/1/2016	1.03	1320 W COURT ST 90026	31	37	399	6	24	24	13
148		DIR-2016-3116-DB-SPP	8/22/2016	0.76	1322 W MARYLAND ST 90017	24	31	335	5	19	20	11
149		ENV-2016-4147-EAF	11/1/2016	1.23	1323 S GRAND AVE 90015	149	197	2133	31	118	125	72
150		ENV-2016-4030-EAF	10/24/2016	1.05	1346 W COURT ST 90026	22	27	286	4	18	17	9
151		ENV-2016-4116-MND	10/31/2016	0.59	136 S BEAUDRY AVE 90012	119	164	1783	27	92	102	62
152		ENV-2015-634-MND-REC1	6/8/2016	0.31	206 W 6TH ST 90014	0	57	0	0	0	37	19
153		ENV-2016-3319-EAF	9/1/2016	1.25	425 S UNION AVE 90017	16	20	213	3	13	13	7
154		DIR-2017-721-CDO	2/22/2017	0.11	437 S BROADWAY 90013	24	-89	-1268	31	-7	-61	-28
155		ENV-2017-404-EAF	2/1/2017	0.67	508 E 4TH ST 90013	21	25	273	4	17	17	9
156		ENV-2014-1309-EAF	4/14/2014	0.2	514 S BROADWAY 90013	-14	-84	-971	-14	-1	-38	-46
157		ENV-2017-615-EAF	2/14/2017	0.62	554 S SAN PEDRO ST 90013	215	255	2710	46	169	157	97
158		VTT-74864	2/13/2017	0.68	600 S SAN PEDRO ST 90014	174	262	2865	43	131	158	104
159		VTT-74751	12/15/2016	0.95	601 S CENTRAL AVE 90021	132	191	2082	31	101	116	74
160		ENV-2016-3860-EAF	10/11/2016	1.49	640 S SANTA FE AVE 90021	155	148	1046	137	18	24	123
161		VTT-74930	2/23/2017	1.42	641 S IMPERIAL ST 90021	140	194	1946	71	69	92	102
162		ENV-2017-850-EAF	3/2/2017	0.85	656 S STANFORD AVE 90021	16	20	213	3	13	13	7
163		VTT-74537	9/20/2016	1.24	668 S ALAMEDA ST 90021	430	597	5932	206	224	292	306
164		VTT-74550	9/27/2016	1.49	676 S MATEO ST 90021	168	247	2504	84	85	119	128
165		DIR-2016-3136-CDO	8/23/2016	0.49	740 S BROADWAY 90014	13	15	166	3	10	10	5
166		CPC-2016-4962-VZC-MCUP-ZV-SPR-M	12/29/2016	0.58	755 S LOS ANGELES ST 90014	23	191	2282	14	9	123	68
167		DIR-2017-999-CDO	3/9/2017	0.52	801 S BROADWAY 90014	15	59	677	9	6	28	31
168		ZA-2016-4497-MCUP-ZV	11/28/2016	0.9	806 E 3RD ST 90013	-1	17	217	-1	0	15	3
169		ENV-2016-1081-MND	3/30/2016	0.95	929 E 2ND ST 90012	62	239	2753	38	24	115	124
170		ZA-2015-807-MCUP	2/25/2015	0.75	936 S OLIVE ST 90015	0	201	0	0	0	133	68
171		VTT-74867	2/14/2017	1.01	940 E 4TH ST 90013	98	163	1686	50	49	78	84
172		VTT-74363-SL	10/4/2016	1.33	985 N EVERETT ST 90026	3	3	37	1	2	2	1

FIGURE 7 - CUMULATIVE PROJECT TRIPS

AM Peak Hour



PM Peak Hour

LEGEND

- Proposed Project Site
- Proposed Project Driveway
- # Signalized Study Intersection
- One-way Street
- ## ↘ Movement Volume (Vehicles)

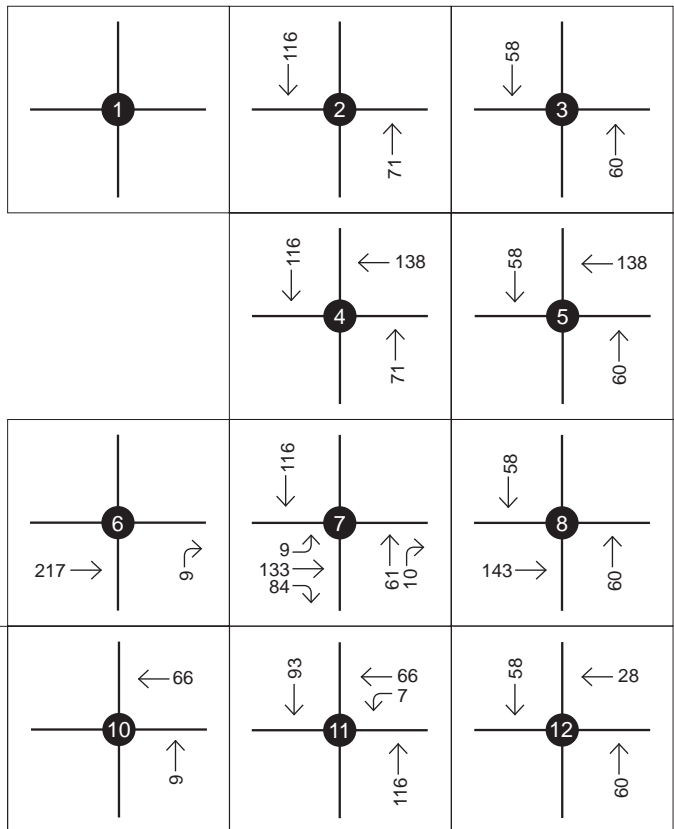
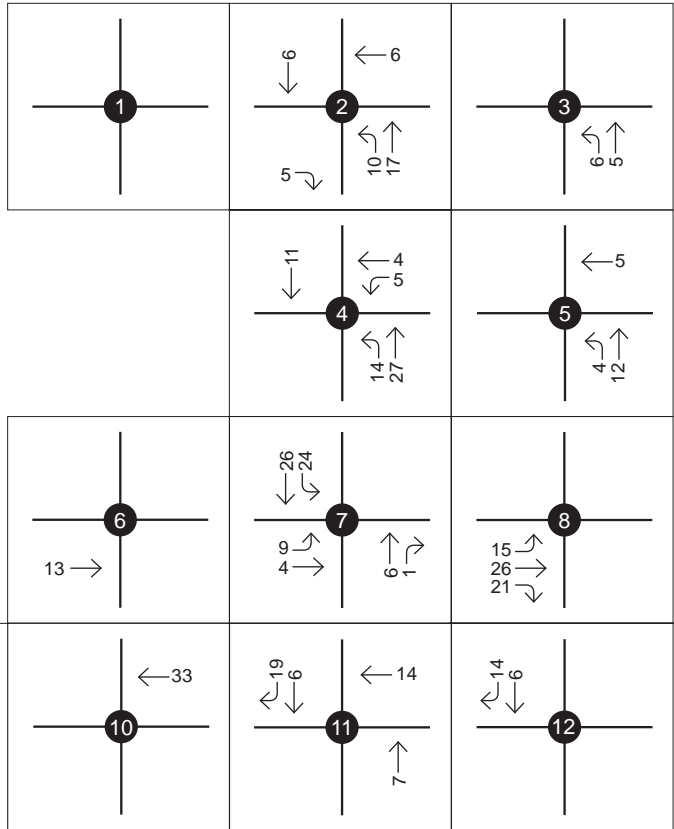
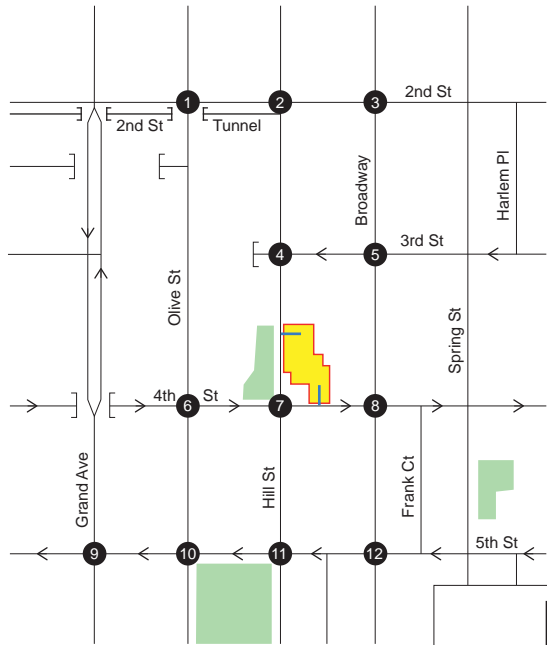


FIGURE 8 - PROJECT GENERATED TRIPS

AM Peak Hour



PM Peak Hour

LEGEND

- Proposed Project Site
- Proposed Project Driveway
- Signalized Study Intersection
- One-way Street
- Movement Volume (Vehicles)

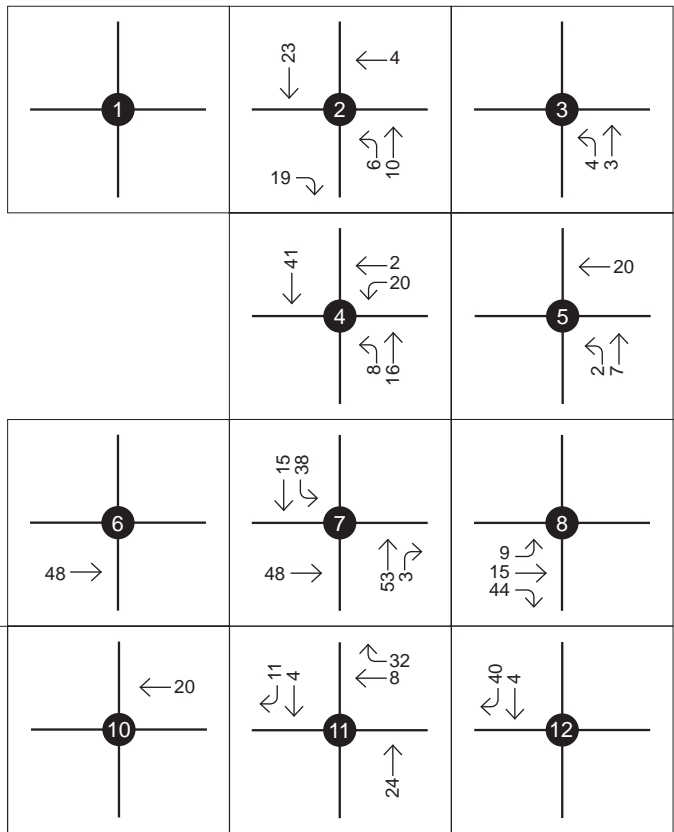


FIGURE 9 - PROJECT TRIPS AT ACCESS DRIVEWAYS



Driveway 1 - AM	
8 9	41 42
15	
Driveway 1 - PM	
28 33	24 25
53	

Driveway 2 - AM	
45	
13 17	
Driveway 2 - PM	
26	
47 42	



Traffic Counts – LADOT Format



City Of Los Angeles
Department Of Transportation
MANUAL TRAFFIC COUNT SUMMARY

STREET:

North/South Olive Street

East/West 2nd Street

Day: Thursday **Date:** April 6, 2017 **Weather:** CLEAR

Hours: 7-10AM 3-6PM **Staff:** CUI

School Day: YES **District:** Central **I/S CODE**

	N/B	S/B	E/B	W/B
DUAL-WHEELED BIKES	57	41	7	15
BUSES	18	12	6	7
BUSES	397	4	7	1

	N/B TIME		S/B TIME		E/B TIME		W/B TIME	
<i>AM PK 15 MIN</i>	186	7.45	141	9.00	30	9.00	61	8.00
<i>PM PK 15 MIN</i>	294	5.00	70	5.00	39	5.15	40	4.45
<i>AM PK HOUR</i>	675	7.30	466	8.45	109	8.45	201	8.00
<i>PM PK HOUR</i>	1125	5.00	253	4.30	141	4.45	140	4.30

NORTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	103	462	0	565
8-9	81	492	0	573
9-10	88	388	0	476
3-4	146	750	0	896
4-5	157	845	0	1002
5-6	212	913	0	1125
TOTAL	787	3850	0	4637

SOUTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	253	30	283
8-9	0	350	20	370
9-10	0	407	27	434
3-4	0	136	26	162
4-5	0	143	59	202
5-6	0	165	53	218
TOTAL	0	1454	215	1669

TOTAL

N-S
848
943
910
1058
1204
1343
6306

XING S/L

Ped	Sch
45	1
45	1
43	1
150	22
172	24
156	21
611	70

XING N/L

Ped	Sch
6	0
2	0
8	1
6	2
11	0
8	0
41	3

EASTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	13	0	45	58
8-9	15	0	78	93
9-10	20	0	88	108
3-4	29	0	57	86
4-5	31	0	92	123
5-6	38	0	90	128
TOTAL	146	0	450	596

WESTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	70	51	29	150
8-9	124	39	38	201
9-10	107	53	34	194
3-4	19	42	18	79
4-5	29	57	23	109
5-6	35	82	14	131
TOTAL	384	324	156	864

TOTAL

E-W
208
294
302
165
232
259
1460

XING W/L

Ped	Sch
40	1
26	0
29	0
58	8
64	5
49	2
266	16

XING E/L

Ped	Sch
75	0
97	1
78	2
125	31
156	23
146	18
677	75



City Of Los Angeles
Department Of Transportation
MANUAL TRAFFIC COUNT SUMMARY

STREET:

North/South Hill Street

East/West 2nd Street

Day: Thursday **Date:** April 6, 2017 **Weather:** CLEAR

Hours: 7-10AM 3-6PM **Staff:** CUI

School Day: YES **District:** Central **I/S CODE** 8539

	<u>N/B</u>	<u>S/B</u>	<u>E/B</u>	<u>W/B</u>
DUAL-WHEELED BIKES	52	60	49	22
BUSES	59	65	133	52
BUSES	204	199	3	0

	<u>N/B TIME</u>		<u>S/B TIME</u>		<u>E/B TIME</u>		<u>W/B TIME</u>	
<i>AM PK 15 MIN</i>	107	9.15	324	8.00	140	7.45	43	9.00
<i>PM PK 15 MIN</i>	252	5.15	266	4.45	158	3.45	60	5.15
<i>AM PK HOUR</i>	389	8.45	1223	7.45	517	8.15	137	8.15
<i>PM PK HOUR</i>	900	5.00	1006	4.15	606	4.30	209	5.00

NORTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	79	244	20	343
8-9	83	253	40	376
9-10	73	260	41	374
3-4	78	503	58	639
4-5	98	603	52	753
5-6	143	716	41	900
TOTAL	554	2579	252	3385

SOUTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	18	1016	104	1138
8-9	33	979	161	1173
9-10	30	944	116	1090
3-4	20	849	43	912
4-5	8	894	64	966
5-6	34	785	81	900
TOTAL	143	5467	569	6179

TOTAL

N-S
1481
1549
1464
1551
1719
1800
9564

XING S/L

Ped	Sch
59	1
94	0
107	0
62	0
104	0
64	0
490	1

XING N/L

Ped	Sch
66	0
94	1
104	0
129	0
135	0
111	0
639	1

EASTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	14	100	287	401
8-9	16	120	361	497
9-10	25	156	294	475
3-4	54	216	206	476
4-5	56	313	211	580
5-6	54	310	241	605
TOTAL	219	1215	1600	3034

WESTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	3	104	15	122
8-9	4	97	18	119
9-10	6	90	22	118
3-4	2	88	22	112
4-5	5	78	36	119
5-6	8	157	44	209
TOTAL	28	614	157	799

TOTAL

E-W
523
616
593
588
699
814
3833

XING W/L

Ped	Sch
137	1
185	0
187	0
167	0
173	0
145	0
994	1

XING E/L

Ped	Sch
105	0
194	0
201	0
193	0
203	0
123	0
1019	0



City Of Los Angeles
Department Of Transportation
MANUAL TRAFFIC COUNT SUMMARY

STREET:

North/South Broadway

East/West 2nd Street

Day: Thursday **Date:** April 6, 2017 **Weather:** CLEAR

Hours: 7-10AM 3-6PM **Staff:** CUI

School Day: YES **District:** Central **I/S CODE** 8538

	<u>N/B</u>	<u>S/B</u>	<u>E/B</u>	<u>W/B</u>
DUAL-WHEELED BIKES	106	60	29	0
BUSES	44	53	29	22
BUSES	222	13	4	0

	<u>N/B TIME</u>		<u>S/B TIME</u>		<u>E/B TIME</u>		<u>W/B TIME</u>	
<i>AM PK 15 MIN</i>	117	8.45	155	8.15	64	9.00	0	7.00
<i>PM PK 15 MIN</i>	251	5.30	111	4.15	114	5.15	0	3.00
<i>AM PK HOUR</i>	452	8.15	564	8.15	227	9.00	0	7.00
<i>PM PK HOUR</i>	892	4.45	438	4.15	406	4.30	0	3.00

NORTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	71	297	11	379
8-9	52	382	14	448
9-10	51	324	19	394
3-4	75	549	5	629
4-5	72	706	3	781
5-6	133	754	2	889
TOTAL	454	3012	54	3520

SOUTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	3	334	47	384
8-9	5	472	69	546
9-10	11	427	64	502
3-4	0	308	30	338
4-5	0	383	48	431
5-6	2	331	69	402
TOTAL	21	2255	327	2603

TOTAL

N-S
763
994
896
967
1212
1291
6123

XING S/L

Ped	Sch
43	3
79	1
116	4
57	5
93	2
81	0
469	15

XING N/L

Ped	Sch
29	4
44	2
39	0
34	3
67	9
60	2
273	20

EASTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	57	13	55	125
8-9	76	20	101	197
9-10	82	21	124	227
3-4	143	4	137	284
4-5	207	1	165	373
5-6	237	10	146	393
TOTAL	802	69	728	1599

WESTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	0	0	0
8-9	0	0	0	0
9-10	0	0	0	0
3-4	0	0	0	0
4-5	0	0	0	0
5-6	0	0	0	0
TOTAL	0	0	0	0

TOTAL

E-W
125
197
227
284
373
393
1599

XING W/L

Ped	Sch
46	2
67	0
88	0
80	10
106	6
61	3
448	21

XING E/L

Ped	Sch
80	1
135	2
141	0
141	43
136	25
116	1
749	72



City Of Los Angeles
Department Of Transportation
MANUAL TRAFFIC COUNT SUMMARY

STREET:

North/South Hill Street

East/West 3rd Street

Day: Thursday **Date:** April 6, 2017 **Weather:** CLEAR

Hours: 7-10AM 3-6PM **Staff:** CUI

School Day: YES **District:** Central **I/S CODE** 8565

	<u>N/B</u>	<u>S/B</u>	<u>E/B</u>	<u>W/B</u>
DUAL-WHEELED BIKES	36	55	0	80
BUSES	42	94	12	64
BUSES	207	201	0	76

	<u>N/B TIME</u>		<u>S/B TIME</u>		<u>E/B TIME</u>		<u>W/B TIME</u>	
<i>AM PK 15 MIN</i>	115	8.00	306	9.15	0	7.00	402	7.30
<i>PM PK 15 MIN</i>	190	5.15	315	5.00	0	3.00	344	5.45
<i>AM PK HOUR</i>	437	7.30	1173	8.30	0	7.00	1583	7.15
<i>PM PK HOUR</i>	697	5.00	1203	4.15	0	3.00	1268	4.15

NORTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	63	318	0	381
8-9	53	363	0	416
9-10	68	308	0	376
3-4	72	450	0	522
4-5	71	524	0	595
5-6	68	629	0	697
TOTAL	395	2592	0	2987

SOUTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	892	231	1123
8-9	0	962	183	1145
9-10	0	888	259	1147
3-4	0	855	235	1090
4-5	0	921	229	1150
5-6	0	919	257	1176
TOTAL	0	5437	1394	6831

TOTAL

N-S
1504
1561
1523
1612
1745
1873
9818

XING S/L

Ped	Sch
48	4
81	5
70	0
106	11
90	4
76	2
471	26

XING N/L

Ped	Sch
39	1
64	2
78	5
70	10
88	2
62	4
401	24

EASTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	0	0	0
8-9	0	0	0	0
9-10	0	0	0	0
3-4	0	0	0	0
4-5	0	0	0	0
5-6	0	0	0	0
TOTAL	0	0	0	0

WESTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	81	1366	118	1565
8-9	109	1326	136	1571
9-10	138	1142	106	1386
3-4	131	873	135	1139
4-5	134	992	141	1267
5-6	106	984	150	1240
TOTAL	699	6683	786	8168

TOTAL

E-W
1565
1571
1386
1139
1267
1240
8168

XING W/L

Ped	Sch
62	2
66	3
113	3
96	8
127	4
108	4
572	24

XING E/L

Ped	Sch
72	10
119	21
136	11
224	47
226	40
204	28
981	157



City Of Los Angeles
Department Of Transportation
MANUAL TRAFFIC COUNT SUMMARY

STREET:

North/South Broadway

East/West 3rd Street

Day: Thursday Date: April 6, 2017 Weather: CLEAR

Hours: 7-10AM 3-6PM Staff: CUI

School Day: YES District: Central I/S CODE 8565

	<u>N/B</u>	<u>S/B</u>	<u>E/B</u>	<u>W/B</u>
DUAL-WHEELED	85	54	0	77
BIKES	89	88	20	65
BUSES	216	14	0	64

	<u>N/B TIME</u>		<u>S/B TIME</u>		<u>E/B TIME</u>		<u>W/B TIME</u>	
<i>AM PK 15 MIN</i>	162	9.00	142	9.45	0	7.00	407	7.15
<i>PM PK 15 MIN</i>	205	5.15	151	4.45	0	3.00	307	5.45
<i>AM PK HOUR</i>	563	8.15	496	9.00	0	7.00	1480	7.15
<i>PM PK HOUR</i>	737	4.45	566	4.00	0	3.00	1144	5.00

NORTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	81	366	0	447
8-9	88	444	0	532
9-10	101	380	0	481
3-4	82	480	0	562
4-5	76	610	0	686
5-6	90	635	0	725
TOTAL	518	2915	0	3433

SOUTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	227	110	337
8-9	0	282	183	465
9-10	0	331	165	496
3-4	0	349	122	471
4-5	0	417	149	566
5-6	0	363	102	465
TOTAL	0	1969	831	2800

TOTAL

N-S
784
997
977
1033
1252
1190
6233

XING S/L

Ped	Sch
49	1
93	2
165	2
280	1
203	1
178	3
968	10

XING N/L

Ped	Sch
55	0
92	0
111	3
156	3
153	0
126	3
693	9

EASTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	0	0	0
8-9	0	0	0	0
9-10	0	0	0	0
3-4	0	0	0	0
4-5	0	0	0	0
5-6	0	0	0	0
TOTAL	0	0	0	0

WESTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	16	1400	51	1467
8-9	23	1368	77	1468
9-10	40	1160	81	1281
3-4	39	886	103	1028
4-5	37	954	90	1081
5-6	37	974	133	1144
TOTAL	192	6742	535	7469

TOTAL

E-W
1467
1468
1281
1028
1081
1144
7469

XING W/L

Ped	Sch
45	0
95	1
122	3
217	10
212	6
168	6
859	26

XING E/L

Ped	Sch
62	0
88	2
138	1
228	4
228	1
173	0
917	8



City Of Los Angeles
Department Of Transportation
MANUAL TRAFFIC COUNT SUMMARY

STREET:

North/South Olive Street

East/West 4th Street

Day: Thursday Date: April 6, 2017 Weather: CLEAR

Hours: 7-10AM 3-6PM Staff: CUI

School Day: YES District: Central I/S CODE

	N/B	S/B	E/B	W/B
DUAL-WHEELED BIKES	94	42	84	0
BIKES	8	18	13	6
BUSES	392	5	50	0

	N/B TIME		S/B TIME		E/B TIME		W/B TIME	
AM PK 15 MIN	162	7.45	77	9.00	371	8.45	0	7.00
PM PK 15 MIN	256	5.45	98	4.30	383	5.15	0	3.00
AM PK HOUR	583	7.30	258	8.30	1414	8.15	0	7.00
PM PK HOUR	962	5.00	336	4.15	1343	5.00	0	3.00

NORTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	460	73	533
8-9	0	479	77	556
9-10	0	402	105	507
3-4	0	716	156	872
4-5	0	704	170	874
5-6	0	824	138	962
TOTAL	0	3585	719	4304

SOUTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	34	138	0	172
8-9	46	185	0	231
9-10	51	200	0	251
3-4	67	185	0	252
4-5	98	217	0	315
5-6	103	195	0	298
TOTAL	399	1120	0	1519

TOTAL

N-S
705
787
758
1124
1189
1260
5823

XING S/L

Ped	Sch
39	4
56	4
43	0
54	15
40	2
48	21
280	46

XING N/L

Ped	Sch
181	4
256	14
174	3
100	20
123	10
160	5
994	56

EASTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	203	698	137	1038
8-9	222	936	205	1363
9-10	146	881	164	1191
3-4	140	758	114	1012
4-5	163	1008	145	1316
5-6	178	1045	120	1343
TOTAL	1052	5326	885	7263

WESTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	0	0	0
8-9	0	0	0	0
9-10	0	0	0	0
3-4	0	0	0	0
4-5	0	0	0	0
5-6	0	0	0	0
TOTAL	0	0	0	0

TOTAL

E-W
1038
1363
1191
1012
1316
1343
7263

XING W/L

Ped	Sch
45	5
80	2
82	3
59	8
78	4
66	4
410	26

XING E/L

Ped	Sch
17	2
16	3
22	0
19	6
29	10
24	1
127	22



City Of Los Angeles
Department Of Transportation
MANUAL TRAFFIC COUNT SUMMARY

STREET:

North/South Hill Street

East/West 4th Street

Day: Thursday **Date:** April 6, 2017 **Weather:** CLEAR

Hours: 7-10AM 3-6PM **Staff:** CUI

School Day: YES **District:** Central **I/S CODE** _____

	<u>N/B</u>	<u>S/B</u>	<u>E/B</u>	<u>W/B</u>
DUAL-WHEELED BIKES	49	64	87	0
BIKES	59	79	28	15
BUSES	204	236	72	0

	<u>N/B TIME</u>		<u>S/B TIME</u>		<u>E/B TIME</u>		<u>W/B TIME</u>	
<i>AM PK 15 MIN</i>	119	8.00	277	8.45	282	8.45	0	7.00
<i>PM PK 15 MIN</i>	216	5.15	255	4.45	384	5.15	0	3.00
<i>AM PK HOUR</i>	432	7.15	990	8.15	1097	8.30	0	7.00
<i>PM PK HOUR</i>	823	5.00	1003	4.15	1280	4.45	0	3.00

NORTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	337	56	393
8-9	0	332	78	410
9-10	0	294	80	374
3-4	0	458	105	563
4-5	0	547	116	663
5-6	0	683	140	823
TOTAL	0	2651	575	3226

SOUTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	139	761	0	900
8-9	155	828	0	983
9-10	116	834	0	950
3-4	87	832	0	919
4-5	103	867	0	970
5-6	118	870	0	988
TOTAL	718	4992	0	5710

TOTAL

XING S/L

XING N/L

N-S	Ped	Sch	Ped	Sch
1293	54	1	251	2
1393	77	1	326	3
1324	85	2	216	2
1482	90	4	236	5
1633	90	9	300	12
1811	105	15	354	36
8936	501	32	1683	60

EASTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	77	613	105	795
8-9	104	801	137	1042
9-10	84	711	218	1013
3-4	63	795	93	951
4-5	32	1059	124	1215
5-6	17	1152	110	1279
TOTAL	377	5131	787	6295

WESTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	0	0	0
8-9	0	0	0	0
9-10	0	0	0	0
3-4	0	0	0	0
4-5	0	0	0	0
5-6	0	0	0	0
TOTAL	0	0	0	0

TOTAL

XING W/L

XING E/L

E-W	Ped	Sch	Ped	Sch
795	52	0	124	1
1042	80	2	217	3
1013	90	2	201	5
951	111	2	303	30
1215	119	5	318	28
1279	136	13	255	36
6295	588	24	1418	103



City Of Los Angeles
Department Of Transportation
MANUAL TRAFFIC COUNT SUMMARY

STREET:

North/South Broadway

East/West 4th Street

Day: Thursday **Date:** April 6, 2017 **Weather:** CLEAR

Hours: 7-10AM 3-6PM **Staff:** CUI

School Day: YES **District:** Central **I/S CODE** 8577

	<u>N/B</u>	<u>S/B</u>	<u>E/B</u>	<u>W/B</u>
DUAL-WHEELED BIKES	121	68	129	0
BUSES	100	80	68	27
BUSES	230	8	74	0

	<u>N/B TIME</u>		<u>S/B TIME</u>		<u>E/B TIME</u>		<u>W/B TIME</u>	
<i>AM PK 15 MIN</i>	160	7.45	108	9.45	256	8.45	0	7.00
<i>PM PK 15 MIN</i>	227	5.30	126	5.00	409	5.15	0	3.00
<i>AM PK HOUR</i>	579	8.15	379	9.00	995	8.15	0	7.00
<i>PM PK HOUR</i>	870	5.00	485	4.15	1473	5.00	0	3.00

NORTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	444	74	518
8-9	0	473	78	551
9-10	0	404	98	502
3-4	0	507	134	641
4-5	0	609	144	753
5-6	0	680	190	870
TOTAL	0	3117	718	3835

SOUTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	2	263	0	265
8-9	5	324	0	329
9-10	2	377	0	379
3-4	4	398	0	402
4-5	9	463	0	472
5-6	7	430	0	437
TOTAL	29	2255	0	2284

TOTAL

N-S	783
880	
881	
1043	
1225	
1307	
6119	

XING S/L

Ped	Sch
109	1
209	0
138	0
181	0
211	0
183	6
1031	7

XING N/L

Ped	Sch
171	0
229	0
205	1
259	8
304	0
301	0
1469	9

EASTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	57	684	46	787
8-9	91	820	62	973
9-10	90	725	80	895
3-4	78	870	60	1008
4-5	74	1135	88	1297
5-6	98	1279	96	1473
TOTAL	488	5513	432	6433

WESTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	0	0	0
8-9	0	0	0	0
9-10	0	0	0	0
3-4	0	0	0	0
4-5	0	0	0	0
5-6	0	0	0	0
TOTAL	0	0	0	0

TOTAL

E-W	787
973	
895	
1008	
1297	
1473	
6433	

XING W/L

Ped	Sch
123	0
205	0
267	0
462	8
397	2
377	6
1831	16

XING E/L

Ped	Sch
97	0
153	0
168	0
248	2
318	0
238	0
1222	2



City Of Los Angeles
Department Of Transportation
MANUAL TRAFFIC COUNT SUMMARY

STREET:

North/South Grand Avenue

East/West 5th Street

Day: Thursday **Date:** April 6, 2017 **Weather:** CLEAR

Hours: 7-10AM 3-6PM **Staff:** CUI

School Day: YES **District:** Central **I/S CODE** 8964

	<u>N/B</u>	<u>S/B</u>	<u>E/B</u>	<u>W/B</u>
DUAL-WHEELED BIKES	0	96	0	167
BUSES	10	28	27	30
BUSES	0	650	0	472

	<u>N/B TIME</u>		<u>S/B TIME</u>		<u>E/B TIME</u>		<u>W/B TIME</u>	
<i>AM PK 15 MIN</i>	0	7.00	243	9.00	0	7.00	430	7.45
<i>PM PK 15 MIN</i>	0	3.00	321	5.30	0	3.00	545	5.45
<i>AM PK HOUR</i>	0	7.00	905	8.30	0	7.00	1600	7.15
<i>PM PK HOUR</i>	0	3.00	1245	4.45	0	3.00	2020	5.00

NORTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	0	0	0
8-9	0	0	0	0
9-10	0	0	0	0
3-4	0	0	0	0
4-5	0	0	0	0
5-6	0	0	0	0
TOTAL	0	0	0	0

SOUTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	498	176	674
8-9	0	656	200	856
9-10	0	673	217	890
3-4	0	646	201	847
4-5	0	827	287	1114
5-6	0	964	255	1219
TOTAL	0	4264	1336	5600

TOTAL

N-S
674
856
890
847
1114
1219
5600

XING S/L

Ped	Sch
265	3
313	0
368	0
381	16
464	0
446	7
2237	26

XING N/L

Ped	Sch
375	8
553	14
443	0
406	36
486	4
490	8
2753	70

EASTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	0	0	0
8-9	0	0	0	0
9-10	0	0	0	0
3-4	0	0	0	0
4-5	0	0	0	0
5-6	0	0	0	0
TOTAL	0	0	0	0

WESTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	289	1135	171	1595
8-9	301	1048	136	1485
9-10	359	934	142	1435
3-4	302	1033	185	1520
4-5	345	1214	241	1800
5-6	377	1352	291	2020
TOTAL	1973	6716	1166	9855

TOTAL

E-W
1595
1485
1435
1520
1800
2020
9855

XING W/L

Ped	Sch
252	5
354	4
259	0
389	25
321	0
373	10
1948	44

XING E/L

Ped	Sch
194	0
270	0
307	0
187	14
262	0
261	4
1481	18



City Of Los Angeles
Department Of Transportation
MANUAL TRAFFIC COUNT SUMMARY

STREET:
North/South Olive Street

East/West 5th Street

Day: Thursday **Date:** April 6, 2017 **Weather:** CLEAR

Hours: 7-10AM 3-6PM **Staff:** CUI

School Day: YES **District:** Central **I/S CODE** 8600

	<u>N/B</u>	<u>S/B</u>	<u>E/B</u>	<u>W/B</u>
DUAL-WHEELED	114	38	0	99
BIKES	14	12	33	85
BUSES	492	10	0	351

	<u>N/B TIME</u>		<u>S/B TIME</u>		<u>E/B TIME</u>		<u>W/B TIME</u>	
<i>AM PK 15 MIN</i>	258	7.45	78	8.45	0	7.00	289	7.45
<i>PM PK 15 MIN</i>	376	5.30	130	5.00	0	3.00	298	5.45
<i>AM PK HOUR</i>	974	7.45	285	8.30	0	7.00	1102	7.15
<i>PM PK HOUR</i>	1417	5.00	457	4.30	0	3.00	1070	5.00

NORTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	374	516	0	890
8-9	412	538	0	950
9-10	393	469	0	862
3-4	439	740	0	1179
4-5	513	763	0	1276
5-6	581	836	0	1417
TOTAL	2712	3862	0	6574

SOUTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	0	179	179
8-9	0	0	242	242
9-10	0	0	285	285
3-4	0	0	374	374
4-5	0	0	437	437
5-6	0	0	430	430
TOTAL	0	0	1947	1947

TOTAL

N-S
1069
1192
1147
1553
1713
1847
8521

XING S/L

Ped	Sch
281	37
420	43
385	85
425	13
566	23
647	25
2724	226

XING N/L

Ped	Sch
256	59
319	81
227	75
363	43
484	3
467	0
2116	261

EASTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	0	0	0
8-9	0	0	0	0
9-10	0	0	0	0
3-4	0	0	0	0
4-5	0	0	0	0
5-6	0	0	0	0
TOTAL	0	0	0	0

WESTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	1040	48	1088
8-9	0	857	67	924
9-10	0	742	82	824
3-4	0	701	68	769
4-5	0	829	61	890
5-6	0	991	79	1070
TOTAL	0	5160	405	5565

TOTAL

E-W
1088
924
824
769
890
1070
5565

XING W/L

Ped	Sch
158	20
223	37
194	40
128	1
203	2
175	0
1081	100

XING E/L

Ped	Sch
76	8
98	6
72	8
134	1
234	2
242	3
856	28



City Of Los Angeles
Department Of Transportation
MANUAL TRAFFIC COUNT SUMMARY

STREET:

North/South Hill Street

East/West 5th Street

Day: Thursday **Date:** April 6, 2017 **Weather:** CLEAR

Hours: 7-10AM 3-6PM **Staff:** CUI

School Day: YES **District:** Central **I/S CODE** 8599

	<u>N/B</u>	<u>S/B</u>	<u>E/B</u>	<u>W/B</u>
DUAL-WHEELED BIKES	34	49	0	99
BUSES	75	77	42	90
BUSES	215	231	0	305

	<u>N/B TIME</u>		<u>S/B TIME</u>		<u>E/B TIME</u>		<u>W/B TIME</u>	
<i>AM PK 15 MIN</i>	140	8.00	258	9.00	0	7.00	287	7.45
<i>PM PK 15 MIN</i>	226	5.00	282	4.45	0	3.00	265	5.45
<i>AM PK HOUR</i>	481	7.15	1003	9.00	0	7.00	1119	7.15
<i>PM PK HOUR</i>	846	5.00	1004	4.15	0	3.00	956	5.00

NORTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	75	344	0	419
8-9	67	393	0	460
9-10	64	319	0	383
3-4	77	526	0	603
4-5	88	601	0	689
5-6	112	734	0	846
TOTAL	483	2917	0	3400

SOUTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	645	180	825
8-9	0	680	200	880
9-10	0	755	248	1003
3-4	0	732	159	891
4-5	0	824	140	964
5-6	0	806	119	925
TOTAL	0	4442	1046	5488

TOTAL

N-S
1244
1340
1386
1494
1653
1771
8888

XING S/L

Ped	Sch
484	2
638	3
652	40
993	5
1091	10
959	10
4817	70

XING N/L

Ped	Sch
327	1
400	0
415	0
560	2
502	2
501	1
2705	6

EASTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	0	0	0
8-9	0	0	0	0
9-10	0	0	0	0
3-4	0	0	0	0
4-5	0	0	0	0
5-6	0	0	0	0
TOTAL	0	0	0	0

WESTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	45	972	81	1098
8-9	38	928	88	1054
9-10	79	729	81	889
3-4	85	562	117	764
4-5	70	624	131	825
5-6	74	732	150	956
TOTAL	391	4547	648	5586

TOTAL

E-W
1098
1054
889
764
825
956
5586

XING W/L

Ped	Sch
189	0
272	0
255	1
391	4
374	5
407	2
1888	12

XING E/L

Ped	Sch
291	4
368	3
352	3
476	2
468	1
490	2
2445	15



City Of Los Angeles
Department Of Transportation
MANUAL TRAFFIC COUNT SUMMARY

STREET:

North/South Broadway

East/West 5th Street

Day: Thursday Date: April 6, 2017 Weather: CLEAR

Hours: 7-10AM 3-6PM Staff: CUI

School Day: YES District: Central I/S CODE 8943

	<u>N/B</u>	<u>S/B</u>	<u>E/B</u>	<u>W/B</u>
DUAL-WHEELED BIKES	98	63	0	92
BUSES	134	104	80	133
BUSES	229	11	0	304

	<u>N/B TIME</u>		<u>S/B TIME</u>		<u>E/B TIME</u>		<u>W/B TIME</u>	
AM PK 15 MIN	163	9.00	128	9.45	0	7.00	296	7.45
PM PK 15 MIN	207	5.30	140	4.30	0	3.00	238	5.45
AM PK HOUR	575	8.15	441	9.00	0	7.00	1090	7.15
PM PK HOUR	791	4.45	522	4.15	0	3.00	853	5.00

NORTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	35	457	0	492
8-9	29	503	0	532
9-10	32	471	0	503
3-4	29	542	0	571
4-5	31	695	0	726
5-6	40	742	0	782
TOTAL	196	3410	0	3606

SOUTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	233	63	296
8-9	0	261	92	353
9-10	0	325	116	441
3-4	0	321	101	422
4-5	0	395	117	512
5-6	0	373	119	492
TOTAL	0	1908	608	2516

TOTAL

N-S
788
885
944
993
1238
1274
6122

XING S/L

Ped	Sch
318	34
458	18
474	15
595	34
640	25
596	47
3081	173

XING N/L

Ped	Sch
205	26
262	14
294	21
398	31
391	29
452	24
2002	145

EASTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	0	0	0
8-9	0	0	0	0
9-10	0	0	0	0
3-4	0	0	0	0
4-5	0	0	0	0
5-6	0	0	0	0
TOTAL	0	0	0	0

WESTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	20	996	59	1075
8-9	16	860	69	945
9-10	21	698	57	776
3-4	28	505	88	621
4-5	19	544	78	641
5-6	32	706	115	853
TOTAL	136	4309	466	4911

TOTAL

E-W
1075
945
776
621
641
853
4911

XING W/L

Ped	Sch
182	14
260	14
288	30
493	41
439	38
391	48
2053	185

XING E/L

Ped	Sch
142	9
224	6
274	11
364	21
414	17
384	10
1802	74

City of Los Angeles
 Department of Transportation
BICYCLE COUNT SUMMARY

STREET:

North/South: Olive Street

East/West: 2nd Street

Day: Thursday

Date: April 6, 2017

Weather: Clear

School Day: Yes

District: Central

I/S Code:

Hours: 7-10 AM, 3-6 PM

Staff: CUI

NORTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	1	0	1
8-9	0	1	0	1
9-10	0	4	0	4
3-4	0	3	0	3
4-5	0	4	0	4
5-6	1	4	0	5
TOTAL	1	17	0	18

SOUTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	2	0	2
8-9	0	2	0	2
9-10	0	3	0	3
3-4	0	2	0	2
4-5	1	2	0	3
5-6	0	0	0	0
TOTAL	1	11	0	12

TOTAL

N-S
3
3
7
5
7
5
30

EASTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	0	0	0
8-9	0	0	0	0
9-10	0	0	1	1
3-4	1	0	0	1
4-5	0	0	1	1
5-6	0	1	2	3
TOTAL	1	1	4	6

WESTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	0	0	0
8-9	0	0	0	0
9-10	0	0	0	0
3-4	0	1	0	1
4-5	2	1	1	4
5-6	0	2	0	2
TOTAL	2	4	1	7

TOTAL

N-S
0
0
1
2
5
5
13

REMARKS (6 hour total):

	NB	SB	EB	WB	TOTAL
- Female Riders	0	1	0	0	1
- No helmet riders	16	7	5	4	32
- Sidewalk Riding	7	1	0	1	9
- Wrong way riding	9	0	1	1	11

NB: Northbound, **SB:** Southbound, **EB:** Eastbound, **WB:** Westbound, **I/S:** Intersection

PEDESTRIAN COUNT SUMMARY

STREET:

North/South:	Olive Street				
East/West:	2nd Street				
Day:	Thursday	Date:	42831	Weather:	Clear
School Day:	Yes	District:	Central	I/S Code:	0
Hours:	7-10 AM, 3-6 PM	Staff:	CUI		

AM PEAK PERIOD

15 Min. Interval	N-LEG	S-LEG	E-LEG	W-LEG	TOTAL
7:00-7:15	1	14	9	4	28
7:15-7:30	2	18	20	7	47
7:30-7:45	3	8	19	15	45
7:45-8:00	0	6	27	15	48
8:00-8:15	0	11	34	4	49
8:15-8:30	1	15	23	9	48
8:30-8:45	1	10	18	9	38
8:45-9:00	0	10	23	4	37
9:00-9:15	0	10	21	11	42
9:15-9:30	3	8	17	8	36
9:30-9:45	0	16	20	6	42
9:45-10:00	6	10	22	4	42

PM PEAK PERIOD

15 Min. Interval	N-LEG	S-LEG	E-LEG	W-LEG	TOTAL
3:00-3:15	1	55	42	12	110
3:15-3:30	6	30	29	23	88
3:30-3:45	1	41	41	20	103
3:45-4:00	0	46	44	11	101
4:00-4:15	0	62	46	14	122
4:15-4:30	10	42	38	27	117
4:30-4:45	1	44	50	18	113
4:45-5:00	0	48	45	10	103
5:00-5:15	4	53	51	17	125
5:15-5:30	2	44	41	14	101
5:30-5:45	2	40	33	9	84
5:45-6:00	0	40	39	11	90

Hours

7 - 8	6	46	75	41	168
8 - 9	2	46	98	26	172
9 - 10	9	44	80	29	162
TOTAL	17	136	253	96	502

Hours

3 - 4	8	172	156	66	402
4 - 5	11	196	179	69	455
5 - 6	8	177	164	51	400
TOTAL	27	545	499	186	1257

REMARKS (6 hour total):

- Wheelchair/special needs assistance
- Skateboard/scooter

N-LEG S-LEG E-LEG W-LEG TOTAL

0	0	0	1	1
1	0	1	0	2

N: North, **S:** South, **E:** East, **W:** West, **I/S:** Intersection

Source: Counts Unlimited, Inc.

LADOT 2015 CMP

City of Los Angeles
 Department of Transportation
BICYCLE COUNT SUMMARY

STREET:

North/South:	Hill Street		
East/West:	2nd Street		
Day:	Thursday	Date:	April 6, 2017
School Day:	Yes	Weather:	Clear
Hours:	7-10 AM, 3-6 PM	District:	Central
		I/S Code:	8539
		Staff:	CUI

NORTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	1	0	1
8-9	0	7	2	9
9-10	1	3	1	5
3-4	0	13	4	17
4-5	1	15	6	22
5-6	0	5	0	5
TOTAL	2	44	13	59

SOUTHBOUND Approach

Hours	Lt	Th	Rt	Total	N-S
7-8	1	3	0	4	5
8-9	1	4	0	5	14
9-10	0	10	0	10	15
3-4	0	13	1	14	31
4-5	2	12	0	14	36
5-6	1	17	0	18	23
TOTAL	5	59	1	65	124

EASTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	1	6	1	8
8-9	11	9	11	31
9-10	7	8	12	27
3-4	14	12	6	32
4-5	4	15	7	26
5-6	2	5	2	9
TOTAL	39	55	39	133

WESTBOUND Approach

Hours	Lt	Th	Rt	Total	N-S
7-8	2	1	0	3	11
8-9	2	2	1	5	36
9-10	1	9	0	10	37
3-4	3	9	0	12	44
4-5	3	8	0	11	37
5-6	4	6	1	11	20
TOTAL	15	35	2	52	185

REMARKS (6 hour total):

	NB	SB	EB	WB	TOTAL
- Female Riders	8	4	4	1	17
- No helmet riders	71	27	49	34	181
- Sidewalk Riding	7	7	10	20	44
- Wrong way riding	8	9	5	24	46

NB: Northbound, **SB:** Southbound, **EB:** Eastbound, **WB:** Westbound, **I/S:** Intersection

PEDESTRIAN COUNT SUMMARY

STREET:

North/South:	Hill Street				
East/West:	2nd Street				
Day:	Thursday	Date:	42831	Weather:	Clear
School Day:	Yes	District:	Central	I/S Code:	8539
Hours:	7-10 AM, 3-6 PM		Staff:	CUI	

AM PEAK PERIOD

15 Min. Interval	N-LEG	S-LEG	E-LEG	W-LEG	TOTAL
7:00-7:15	10	12	20	19	61
7:15-7:30	19	16	22	27	84
7:30-7:45	11	18	25	40	94
7:45-8:00	26	14	38	52	130
8:00-8:15	19	15	39	47	120
8:15-8:30	22	36	60	59	177
8:30-8:45	17	26	47	33	123
8:45-9:00	37	17	48	46	148
9:00-9:15	31	23	40	43	137
9:15-9:30	26	25	61	30	142
9:30-9:45	28	26	38	58	150
9:45-10:00	19	33	62	56	170

PM PEAK PERIOD

15 Min. Interval	N-LEG	S-LEG	E-LEG	W-LEG	TOTAL
3:00-3:15	42	17	45	43	147
3:15-3:30	33	15	61	41	150
3:30-3:45	22	15	42	44	123
3:45-4:00	32	15	45	39	131
4:00-4:15	45	23	46	41	155
4:15-4:30	39	22	51	33	145
4:30-4:45	28	36	69	49	182
4:45-5:00	23	23	37	50	133
5:00-5:15	37	28	45	67	177
5:15-5:30	27	13	28	25	93
5:30-5:45	21	15	26	25	87
5:45-6:00	26	8	24	28	86

Hours

7 - 8	66	60	105	138	369
8 - 9	95	94	194	185	568
9 - 10	104	107	201	187	599
TOTAL	265	261	500	510	1536

Hours

3 - 4	129	62	193	167	551
4 - 5	135	104	203	173	615
5 - 6	111	64	123	145	443
TOTAL	375	230	519	485	1609

REMARKS (6 hour total):

- Wheelchair/special needs assistance
- Skateboard/scooter

N-LEG S-LEG E-LEG W-LEG TOTAL

0	0	0	0	0
3	3	11	3	20

N: North, S: South, E: East, W: West, I/S: Intersection

Source: Counts Unlimited, Inc.

LADOT 2015 CMP

City of Los Angeles
 Department of Transportation
BICYCLE COUNT SUMMARY

STREET:

North/South:	Broadway		
East/West:	2nd Street		
Day:	Thursday	Date:	April 6, 2017
School Day:	Yes	District:	Central
Hours:	7-10 AM, 3-6 PM	Weather:	Clear
		I/S Code:	8358
		Staff:	CUI

NORTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	3	0	3
8-9	1	3	0	4
9-10	1	3	2	6
3-4	2	5	0	7
4-5	2	10	1	13
5-6	3	7	1	11
TOTAL	9	31	4	44

SOUTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	6	0	6
8-9	0	6	1	7
9-10	2	4	1	7
3-4	3	5	0	8
4-5	1	6	0	7
5-6	0	15	3	18
TOTAL	6	42	5	53

TOTAL

N-S
9
11
13
15
20
29
97

EASTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	2	1	3
8-9	0	4	0	4
9-10	1	1	0	2
3-4	2	9	3	14
4-5	1	2	1	4
5-6	0	2	0	2
TOTAL	4	20	5	29

WESTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	1	0	1
8-9	0	1	0	1
9-10	0	0	0	0
3-4	1	5	1	7
4-5	0	2	0	2
5-6	2	8	1	11
TOTAL	3	17	2	22

TOTAL

N-S
4
5
2
21
6
13
51

REMARKS (6 hour total):

	NB	SB	EB	WB	TOTAL
- Female Riders	1	1	0	1	3
- No helmet riders	17	25	12	15	69
- Sidewalk Riding	15	15	12	12	54
- Wrong way riding	11	10	13	1	35

NB: Northbound, **SB:** Southbound, **EB:** Eastbound, **WB:** Westbound, **I/S:** Intersection

PEDESTRIAN COUNT SUMMARY

STREET:

North/South:	Broadway				
East/West:	2nd Street				
Day:	Thursday	Date:	42831	Weather:	Clear
School Day:	Yes	District:	Central	I/S Code:	8358
Hours:	7-10 AM, 3-6 PM	Staff:	CUI		

AM PEAK PERIOD

15 Min. Interval	N-LEG	S-LEG	E-LEG	W-LEG	TOTAL
7:00-7:15	2	11	15	10	38
7:15-7:30	9	9	14	12	44
7:30-7:45	6	14	22	11	53
7:45-8:00	16	12	30	15	73
8:00-8:15	16	17	32	14	79
8:15-8:30	8	18	26	16	68
8:30-8:45	5	18	40	17	80
8:45-9:00	17	27	39	20	103
9:00-9:15	6	19	22	27	74
9:15-9:30	8	37	45	20	110
9:30-9:45	10	25	34	14	83
9:45-10:00	15	39	40	27	121

PM PEAK PERIOD

15 Min. Interval	N-LEG	S-LEG	E-LEG	W-LEG	TOTAL
3:00-3:15	11	12	31	30	84
3:15-3:30	6	22	43	19	90
3:30-3:45	12	22	67	23	124
3:45-4:00	8	6	43	18	75
4:00-4:15	23	16	51	19	109
4:15-4:30	29	15	37	42	123
4:30-4:45	16	35	36	21	108
4:45-5:00	8	29	37	30	104
5:00-5:15	18	33	42	16	109
5:15-5:30	19	25	32	20	96
5:30-5:45	13	12	27	14	66
5:45-6:00	12	11	16	14	53

Hours

Hours	N-LEG	S-LEG	E-LEG	W-LEG	TOTAL
7 - 8	33	46	81	48	208
8 - 9	46	80	137	67	330
9 - 10	39	120	141	88	388
TOTAL	118	246	359	203	926

Hours

Hours	N-LEG	S-LEG	E-LEG	W-LEG	TOTAL
3 - 4	37	62	184	90	373
4 - 5	76	95	161	112	444
5 - 6	62	81	117	64	324
TOTAL	175	238	462	266	1141

REMARKS (6 hour total):

- Wheelchair/special needs assistance
- Skateboard/scooter

N-LEG S-LEG E-LEG W-LEG TOTAL

N-LEG	S-LEG	E-LEG	W-LEG	TOTAL
3	5	5	10	23
0	2	0	3	5

N: North, S: South, E: East, W: West, I/S: Intersection

Source: Counts Unlimited, Inc.

LADOT 2015 CMP

City of Los Angeles
 Department of Transportation
BICYCLE COUNT SUMMARY

STREET:

North/South:	Hill Street		
East/West:	3rd Street		
Day:	Thursday	Date:	April 6, 2017
School Day:	Yes	District:	Central
Hours:	7-10 AM, 3-6 PM	Staff:	CUI
		Weather:	Clear
		I/S Code:	8565

NORTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	3	0	3
8-9	0	3	1	4
9-10	1	4	0	5
3-4	0	9	1	10
4-5	2	5	1	8
5-6	1	11	0	12
TOTAL	4	35	3	42

SOUTHBOUND Approach

Hours	Lt	Th	Rt	Total	N-S
7-8	0	7	0	7	10
8-9	0	14	1	15	19
9-10	0	17	1	18	23
3-4	1	14	8	23	33
4-5	0	19	1	20	28
5-6	1	9	1	11	23
TOTAL	2	80	12	94	136

EASTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	1	0	1
8-9	0	1	0	1
9-10	0	2	0	2
3-4	2	0	0	2
4-5	1	2	1	4
5-6	1	1	0	2
TOTAL	4	7	1	12

WESTBOUND Approach

Hours	Lt	Th	Rt	Total	N-S
7-8	2	2	0	4	5
8-9	3	9	1	13	14
9-10	2	9	1	12	14
3-4	2	8	4	14	16
4-5	0	8	1	9	13
5-6	5	4	3	12	14
TOTAL	14	40	10	64	76

REMARKS (6 hour total):

	NB	SB	EB	WB	TOTAL
- Female Riders	3	3	3	5	14
- No helmet riders	25	37	9	29	100
- Sidewalk Riding	12	11	8	13	44
- Wrong way riding	9	4	8	8	29

NB: Northbound, **SB:** Southbound, **EB:** Eastbound, **WB:** Westbound, **I/S:** Intersection

PEDESTRIAN COUNT SUMMARY

STREET:

North/South:	Hill Street				
East/West:	3rd Street				
Day:	Thursday	Date:	42831	Weather:	Clear
School Day:	Yes	District:	Central	I/S Code:	8565
Hours:	7-10 AM, 3-6 PM	Staff:	CUI		

AM PEAK PERIOD

15 Min. Interval	N-LEG	S-LEG	E-LEG	W-LEG	TOTAL
7:00-7:15	11	10	15	10	46
7:15-7:30	7	14	19	14	54
7:30-7:45	11	10	26	20	67
7:45-8:00	11	18	22	20	71
8:00-8:15	13	19	26	20	78
8:15-8:30	22	26	36	19	103
8:30-8:45	16	17	37	11	81
8:45-9:00	15	24	41	19	99
9:00-9:15	20	14	35	28	97
9:15-9:30	29	21	39	31	120
9:30-9:45	24	14	37	26	101
9:45-10:00	10	21	36	31	98

PM PEAK PERIOD

15 Min. Interval	N-LEG	S-LEG	E-LEG	W-LEG	TOTAL
3:00-3:15	22	26	76	20	144
3:15-3:30	17	41	64	33	155
3:30-3:45	31	28	70	30	159
3:45-4:00	10	22	61	21	114
4:00-4:15	30	21	65	36	152
4:15-4:30	20	14	60	28	122
4:30-4:45	12	39	78	44	173
4:45-5:00	28	20	63	23	134
5:00-5:15	22	19	67	42	150
5:15-5:30	11	28	73	13	125
5:30-5:45	19	20	48	36	123
5:45-6:00	14	11	44	21	90

Hours

7 - 8	40	52	82	64	238
8 - 9	66	86	140	69	361
9 - 10	83	70	147	116	416
TOTAL	189	208	369	249	1015

Hours

3 - 4	80	117	271	104	572
4 - 5	90	94	266	131	581
5 - 6	66	78	232	112	488
TOTAL	236	289	769	347	1641

REMARKS (6 hour total):

- Wheelchair/special needs assistance
- Skateboard/scooter

N-LEG S-LEG E-LEG W-LEG TOTAL

3	3	3	5	14
5	12	5	1	23

N: North, S: South, E: East, W: West, I/S: Intersection

Source: Counts Unlimited, Inc.

LADOT 2015 CMP

City of Los Angeles
 Department of Transportation
BICYCLE COUNT SUMMARY

STREET:

North/South:	Broadway		
East/West:	3rd Street		
Day:	Thursday	Date:	April 6, 2017
School Day:	Yes	District:	Central
Hours:	7-10 AM, 3-6 PM	Weather:	Clear
		I/S Code:	8565
		Staff:	CUI

NORTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	1	7	0	8
8-9	2	5	2	9
9-10	2	9	2	13
3-4	0	19	1	20
4-5	1	13	1	15
5-6	3	12	5	20
TOTAL	9	65	11	85

SOUTHBOUND Approach

Hours	Lt	Th	Rt	Total	N-S
7-8	1	9	1	11	19
8-9	2	5	4	11	20
9-10	2	6	3	11	24
3-4	2	10	2	14	34
4-5	2	12	2	16	31
5-6	0	24	1	25	45
TOTAL	9	66	13	88	173

EASTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	1	0	1
8-9	1	2	1	4
9-10	2	2	2	6
3-4	1	2	1	4
4-5	0	2	1	3
5-6	1	1	0	2
TOTAL	5	10	5	20

WESTBOUND Approach

Hours	Lt	Th	Rt	Total	N-S
7-8	1	6	1	8	9
8-9	3	5	0	8	12
9-10	1	10	1	12	18
3-4	3	11	1	15	19
4-5	3	6	0	9	12
5-6	1	10	2	13	15
TOTAL	12	48	5	65	85

REMARKS (6 hour total):

	NB	SB	EB	WB	TOTAL
- Female Riders	8	7	7	2	24
- No helmet riders	52	58	19	24	153
- Sidewalk Riding	34	32	8	12	86
- Wrong way riding	11	21	0	13	45

NB: Northbound, **SB:** Southbound, **EB:** Eastbound, **WB:** Westbound, **I/S:** Intersection

PEDESTRIAN COUNT SUMMARY

STREET:

North/South:	Broadway				
East/West:	3rd Street				
Day:	Thursday	Date:	42831	Weather:	Clear
School Day:	Yes	District:	Central	I/S Code:	8565
Hours:	7-10 AM, 3-6 PM	Staff:	CUI		

AM PEAK PERIOD

15 Min. Interval	N-LEG	S-LEG	E-LEG	W-LEG	TOTAL
7:00-7:15	19	6	11	7	43
7:15-7:30	5	10	12	11	38
7:30-7:45	17	11	16	12	56
7:45-8:00	14	23	23	15	75
8:00-8:15	23	20	18	25	86
8:15-8:30	24	17	24	15	80
8:30-8:45	22	26	16	33	97
8:45-9:00	23	32	32	23	110
9:00-9:15	15	30	25	23	93
9:15-9:30	37	27	33	37	134
9:30-9:45	39	28	43	30	140
9:45-10:00	23	82	38	35	178

PM PEAK PERIOD

15 Min. Interval	N-LEG	S-LEG	E-LEG	W-LEG	TOTAL
3:00-3:15	43	60	58	48	209
3:15-3:30	32	85	49	72	238
3:30-3:45	54	80	89	64	287
3:45-4:00	30	56	36	43	165
4:00-4:15	43	58	77	44	222
4:15-4:30	42	38	48	45	173
4:30-4:45	24	54	55	77	210
4:45-5:00	44	54	49	52	199
5:00-5:15	37	74	48	42	201
5:15-5:30	32	44	47	52	175
5:30-5:45	35	34	42	34	145
5:45-6:00	25	29	36	46	136

Hours

7 - 8	55	50	62	45	212
8 - 9	92	95	90	96	373
9 - 10	114	167	139	125	545
TOTAL	261	312	291	266	1130

Hours

3 - 4	159	281	232	227	899
4 - 5	153	204	229	218	804
5 - 6	129	181	173	174	657
TOTAL	441	666	634	619	2360

REMARKS (6 hour total):

- Wheelchair/special needs assistance
- Skateboard/scooter

N-LEG S-LEG E-LEG W-LEG TOTAL

5	4	2	2	13
8	13	0	4	25

N: North, **S:** South, **E:** East, **W:** West, **I/S:** Intersection

Source: Counts Unlimited, Inc.

LADOT 2015 CMP

City of Los Angeles
 Department of Transportation
BICYCLE COUNT SUMMARY

STREET:

North/South: Olive Street

East/West: 4th Street

Day: Thursday

Date: April 6, 2017

Weather: Clear

School Day: Yes

District: Central

I/S Code:

Hours: 7-10 AM, 3-6 PM

Staff: CUI

NORTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	1	0	1
8-9	0	0	0	0
9-10	0	0	0	0
3-4	0	1	0	1
4-5	0	1	0	1
5-6	1	4	0	5
TOTAL	1	7	0	8

SOUTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	1	0	1
8-9	0	0	0	0
9-10	0	5	0	5
3-4	1	3	0	4
4-5	5	3	0	8
5-6	0	0	0	0
TOTAL	6	12	0	18

TOTAL

N-S
2
0
5
5
9
5
26

EASTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	0	0	0
8-9	0	1	0	1
9-10	0	3	1	4
3-4	0	2	0	2
4-5	0	1	1	2
5-6	0	2	2	4
TOTAL	0	9	4	13

WESTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	0	0	0
8-9	0	1	0	1
9-10	0	1	0	1
3-4	0	1	0	1
4-5	0	1	0	1
5-6	0	2	0	2
TOTAL	0	6	0	6

TOTAL

N-S
0
2
5
3
3
6
19

REMARKS (6 hour total):

	NB	SB	EB	WB	TOTAL
- Female Riders	1	2	0	0	3
- No helmet riders	4	16	4	0	24
- Sidewalk Riding	2	4	2	1	9
- Wrong way riding	2	5	0	1	8

NB: Northbound, **SB:** Southbound, **EB:** Eastbound, **WB:** Westbound, **I/S:** Intersection

PEDESTRIAN COUNT SUMMARY

STREET:

North/South:	Olive Street				
East/West:	4th Street				
Day:	Thursday	Date:	42831	Weather:	Clear
School Day:	Yes	District:	Central	I/S Code:	0
Hours:	7-10 AM, 3-6 PM	Staff:	CUI		

AM PEAK PERIOD

15 Min. Interval	N-LEG	S-LEG	E-LEG	W-LEG	TOTAL
7:00-7:15	31	7	5	5	48
7:15-7:30	47	12	8	11	78
7:30-7:45	54	10	1	16	81
7:45-8:00	53	14	5	18	90
8:00-8:15	69	9	6	14	98
8:15-8:30	65	19	2	30	116
8:30-8:45	77	14	7	17	115
8:45-9:00	59	18	4	21	102
9:00-9:15	59	15	3	31	108
9:15-9:30	49	12	5	21	87
9:30-9:45	33	7	8	16	64
9:45-10:00	36	9	6	17	68

PM PEAK PERIOD

15 Min. Interval	N-LEG	S-LEG	E-LEG	W-LEG	TOTAL
3:00-3:15	33	18	6	14	71
3:15-3:30	27	24	9	18	78
3:30-3:45	29	15	6	16	66
3:45-4:00	31	12	4	19	66
4:00-4:15	23	7	10	20	60
4:15-4:30	30	11	6	19	66
4:30-4:45	45	15	17	22	99
4:45-5:00	35	9	6	21	71
5:00-5:15	43	26	9	19	97
5:15-5:30	47	12	4	19	82
5:30-5:45	32	19	6	17	74
5:45-6:00	43	12	6	15	76

Hours

7 - 8	185	43	19	50	297
8 - 9	270	60	19	82	431
9 - 10	177	43	22	85	327
TOTAL	632	146	60	217	1055

Hours

3 - 4	120	69	25	67	281
4 - 5	133	42	39	82	296
5 - 6	165	69	25	70	329
TOTAL	418	180	89	219	906

REMARKS (6 hour total):

- Wheelchair/special needs assistance
- Skateboard/scooter

N-LEG S-LEG E-LEG W-LEG TOTAL

0	0	0	0	0
0	2	5	1	8

N: North, S: South, E: East, W: West, I/S: Intersection

Source: Counts Unlimited, Inc.

LADOT 2015 CMP

City of Los Angeles
 Department of Transportation
BICYCLE COUNT SUMMARY

STREET:

North/South:	Hill Street		
East/West:	4th Street		
Day:	Thursday	Date:	April 6, 2017
School Day:	Yes	Weather:	Clear
Hours:	7-10 AM, 3-6 PM	District:	Central
		Staff:	CUI
		I/S Code:	

NORTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	4	2	6
8-9	0	4	1	5
9-10	1	2	5	8
3-4	0	11	3	14
4-5	0	8	2	10
5-6	1	11	4	16
TOTAL	2	40	17	59

SOUTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	2	3	0	5
8-9	2	15	0	17
9-10	6	12	0	18
3-4	0	11	0	11
4-5	1	13	2	16
5-6	0	11	1	12
TOTAL	11	65	3	79

TOTAL

N-S
11
22
26
25
26
28
138

EASTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	0	0	0
8-9	0	2	1	3
9-10	0	2	0	2
3-4	0	4	0	4
4-5	0	6	0	6
5-6	2	11	0	13
TOTAL	2	25	1	28

WESTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	0	0	0
8-9	1	0	0	1
9-10	1	4	2	7
3-4	1	0	0	1
4-5	1	0	1	2
5-6	0	2	2	4
TOTAL	4	6	5	15

TOTAL

N-S
0
4
9
5
8
17
43

REMARKS (6 hour total):

	NB	SB	EB	WB	TOTAL
- Female Riders	11	1	2	2	16
- No helmet riders	41	45	7	10	103
- Sidewalk Riding	17	25	8	7	57
- Wrong way riding	4	15	9	0	28

NB: Northbound, **SB:** Southbound, **EB:** Eastbound, **WB:** Westbound, **I/S:** Intersection

PEDESTRIAN COUNT SUMMARY

STREET:

North/South:	Hill Street				
East/West:	4th Street				
Day:	Thursday	Date:	42831	Weather:	Clear
School Day:	Yes	District:	Central	I/S Code:	0
Hours:	7-10 AM, 3-6 PM	Staff:	CUI		

AM PEAK PERIOD

15 Min. Interval	N-LEG	S-LEG	E-LEG	W-LEG	TOTAL
7:00-7:15	46	11	30	9	96
7:15-7:30	60	11	36	14	121
7:30-7:45	65	13	27	17	122
7:45-8:00	82	20	32	12	146
8:00-8:15	66	10	55	15	146
8:15-8:30	93	24	52	19	188
8:30-8:45	93	19	48	26	186
8:45-9:00	77	25	65	22	189
9:00-9:15	67	20	51	22	160
9:15-9:30	59	27	56	26	168
9:30-9:45	47	23	44	23	137
9:45-10:00	45	17	55	21	138

PM PEAK PERIOD

15 Min. Interval	N-LEG	S-LEG	E-LEG	W-LEG	TOTAL
3:00-3:15	52	23	117	38	230
3:15-3:30	60	23	58	18	159
3:30-3:45	50	28	61	28	167
3:45-4:00	79	20	97	29	225
4:00-4:15	85	31	74	29	219
4:15-4:30	70	19	98	31	218
4:30-4:45	84	24	91	41	240
4:45-5:00	73	25	83	23	204
5:00-5:15	133	39	101	49	322
5:15-5:30	96	28	61	35	220
5:30-5:45	95	27	81	41	244
5:45-6:00	66	26	48	24	164

Hours

7 - 8	253	55	125	52	485
8 - 9	329	78	220	82	709
9 - 10	218	87	206	92	603
TOTAL	800	220	551	226	1797

Hours

3 - 4	241	94	333	113	781
4 - 5	312	99	346	124	881
5 - 6	390	120	291	149	950
TOTAL	943	313	970	386	2612

REMARKS (6 hour total):

- Wheelchair/special needs assistance
- Skateboard/scooter

N-LEG S-LEG E-LEG W-LEG TOTAL

0	1	0	0	1
4	7	7	6	24

N: North, **S:** South, **E:** East, **W:** West, **I/S:** Intersection

Source: Counts Unlimited, Inc.

LADOT 2015 CMP

City of Los Angeles
 Department of Transportation
BICYCLE COUNT SUMMARY

STREET:

North/South:	Broadway		
East/West:	4th Street		
Day:	Thursday	Date:	April 6, 2017
School Day:	Yes	Weather:	Clear
Hours:	7-10 AM, 3-6 PM	District:	Central
		I/S Code:	8577
		Staff:	CUI

NORTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	7	0	7
8-9	2	8	1	11
9-10	4	10	3	17
3-4	2	14	2	18
4-5	3	17	2	22
5-6	1	21	3	25
TOTAL	12	77	11	100

SOUTHBOUND Approach

Hours	Lt	Th	Rt	Total	N-S
7-8	1	9	0	10	17
8-9	1	6	2	9	20
9-10	3	6	2	11	28
3-4	3	15	1	19	37
4-5	2	17	1	20	42
5-6	2	9	0	11	36
TOTAL	12	62	6	80	180

EASTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	2	1	1	4
8-9	2	6	0	8
9-10	2	10	1	13
3-4	0	8	0	8
4-5	2	14	4	20
5-6	2	7	6	15
TOTAL	10	46	12	68

WESTBOUND Approach

Hours	Lt	Th	Rt	Total	N-S
7-8	0	1	0	1	5
8-9	1	2	0	3	11
9-10	2	1	0	3	16
3-4	1	3	0	4	12
4-5	1	6	0	7	27
5-6	3	6	0	9	24
TOTAL	8	19	0	27	95

REMARKS (6 hour total):

	NB	SB	EB	WB	TOTAL
- Female Riders	3	5	3	4	15
- No helmet riders	54	45	33	21	153
- Sidewalk Riding	33	28	10	15	86
- Wrong way riding	25	4	1	12	42

NB: Northbound, **SB:** Southbound, **EB:** Eastbound, **WB:** Westbound, **I/S:** Intersection

PEDESTRIAN COUNT SUMMARY

STREET:

North/South:	Broadway				
East/West:	4th Street				
Day:	Thursday	Date:	42831	Weather:	Clear
School Day:	Yes	District:	Central	I/S Code:	8577
Hours:	7-10 AM, 3-6 PM	Staff:	CUI		

AM PEAK PERIOD

15 Min. Interval	N-LEG	S-LEG	E-LEG	W-LEG	TOTAL
7:00-7:15	27	27	19	11	84
7:15-7:30	39	17	24	28	108
7:30-7:45	38	27	18	35	118
7:45-8:00	67	39	36	49	191
8:00-8:15	39	42	33	38	152
8:15-8:30	56	53	38	49	196
8:30-8:45	69	63	45	58	235
8:45-9:00	65	51	37	60	213
9:00-9:15	57	41	43	57	198
9:15-9:30	50	27	33	65	175
9:30-9:45	57	31	49	77	214
9:45-10:00	42	39	43	68	192

PM PEAK PERIOD

15 Min. Interval	N-LEG	S-LEG	E-LEG	W-LEG	TOTAL
3:00-3:15	56	68	85	149	358
3:15-3:30	65	38	54	112	269
3:30-3:45	79	49	67	105	300
3:45-4:00	67	26	44	104	241
4:00-4:15	70	53	73	101	297
4:15-4:30	66	43	72	103	284
4:30-4:45	91	55	84	97	327
4:45-5:00	77	60	89	98	324
5:00-5:15	95	56	54	112	317
5:15-5:30	73	52	71	98	294
5:30-5:45	72	45	68	90	275
5:45-6:00	61	36	45	83	225

Hours

7 - 8	171	110	97	123	501
8 - 9	229	209	153	205	796
9 - 10	206	138	168	267	779
TOTAL	606	457	418	595	2076

Hours

3 - 4	267	181	250	470	1168
4 - 5	304	211	318	399	1232
5 - 6	301	189	238	383	1111
TOTAL	872	581	806	1252	3511

REMARKS (6 hour total):

- Wheelchair/special needs assistance
- Skateboard/scooter

N-LEG S-LEG E-LEG W-LEG TOTAL

3	3	1	1	8
4	6	3	1	14

N: North, **S:** South, **E:** East, **W:** West, **I/S:** Intersection

Source: Counts Unlimited, Inc.

LADOT 2015 CMP

City of Los Angeles
 Department of Transportation
BICYCLE COUNT SUMMARY

STREET:

North/South: Grand Avenue

East/West: 5th Street

Day: Thursday

Date: April 6, 2017

Weather: Clear

School Day: Yes

District: Central

I/S Code: 8964

Hours: 7-10 AM, 3-6 PM

Staff: CUI

NORTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	0	0	0
8-9	0	1	0	1
9-10	0	1	1	2
3-4	0	2	0	2
4-5	0	2	1	3
5-6	1	1	0	2
TOTAL	1	7	2	10

SOUTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	1	2	0	3
8-9	0	2	0	2
9-10	0	1	3	4
3-4	0	6	2	8
4-5	0	5	0	5
5-6	0	6	0	6
TOTAL	1	22	5	28

TOTAL

N-S
3
3
6
10
8
8
38

EASTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	2	1	3
8-9	0	2	0	2
9-10	1	3	2	6
3-4	1	7	2	10
4-5	0	4	1	5
5-6	0	1	0	1
TOTAL	2	19	6	27

WESTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	1	2	0	3
8-9	0	2	0	2
9-10	0	3	1	4
3-4	2	8	0	10
4-5	2	2	0	4
5-6	0	7	0	7
TOTAL	5	24	1	30

TOTAL

N-S
6
4
10
20
9
8
57

REMARKS (6 hour total):

	NB	SB	EB	WB	TOTAL
- Female Riders	1	2	0	4	7
- No helmet riders	9	24	17	19	69
- Sidewalk Riding	6	7	10	9	32
- Wrong way riding	8	1	13	2	24

NB: Northbound, **SB:** Southbound, **EB:** Eastbound, **WB:** Westbound, **I/S:** Intersection

PEDESTRIAN COUNT SUMMARY

STREET:

North/South:	Grand Avenue				
East/West:	5th Street				
Day:	Thursday	Date:	42831	Weather:	Clear
School Day:	Yes	District:	Central	I/S Code:	8964
Hours:	7-10 AM, 3-6 PM	Staff:	CUI		

AM PEAK PERIOD

15 Min. Interval	N-LEG	S-LEG	E-LEG	W-LEG	TOTAL
7:00-7:15	77	49	41	69	236
7:15-7:30	91	66	55	56	268
7:30-7:45	92	74	50	72	288
7:45-8:00	123	79	48	60	310
8:00-8:15	126	51	57	70	304
8:15-8:30	130	75	51	90	346
8:30-8:45	135	95	92	94	416
8:45-9:00	176	92	70	104	442
9:00-9:15	126	73	76	64	339
9:15-9:30	126	104	105	83	418
9:30-9:45	96	85	58	47	286
9:45-10:00	95	106	68	65	334

PM PEAK PERIOD

15 Min. Interval	N-LEG	S-LEG	E-LEG	W-LEG	TOTAL
3:00-3:15	103	86	49	88	326
3:15-3:30	107	111	44	106	368
3:30-3:45	126	101	52	98	377
3:45-4:00	106	99	56	122	383
4:00-4:15	126	130	56	99	411
4:15-4:30	113	104	72	71	360
4:30-4:45	120	112	65	76	373
4:45-5:00	131	118	69	75	393
5:00-5:15	177	144	89	109	519
5:15-5:30	110	120	82	114	426
5:30-5:45	101	80	49	81	311
5:45-6:00	110	109	45	79	343

Hours

7 - 8	383	268	194	257	1102
8 - 9	567	313	270	358	1508
9 - 10	443	368	307	259	1377
TOTAL	1393	949	771	874	3987

Hours

3 - 4	442	397	201	414	1454
4 - 5	490	464	262	321	1537
5 - 6	498	453	265	383	1599
TOTAL	1430	1314	728	1118	4590

REMARKS (6 hour total):

- Wheelchair/special needs assistance
- Skateboard/scooter

N-LEG S-LEG E-LEG W-LEG TOTAL

1	2	0	1	4
1	1	1	2	5

N: North, S: South, E: East, W: West, I/S: Intersection

Source: Counts Unlimited, Inc.

LADOT 2015 CMP

City of Los Angeles
 Department of Transportation
BICYCLE COUNT SUMMARY

STREET:

North/South: Olive Street

East/West: 5th Street

Day: Thursday

Date: April 6, 2017

Weather: Clear

School Day: Yes

District: Central

I/S Code: 8600

Hours: 7-10 AM, 3-6 PM

Staff: CUI

NORTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	2	0	2
8-9	0	0	1	1
9-10	0	1	0	1
3-4	1	1	1	3
4-5	1	2	1	4
5-6	0	2	1	3
TOTAL	2	8	4	14

SOUTHBOUND Approach

Hours	Lt	Th	Rt	Total	N-S
7-8	0	1	0	1	3
8-9	0	3	0	3	4
9-10	0	2	0	2	3
3-4	0	2	2	4	7
4-5	1	1	0	2	6
5-6	0	0	0	0	3
TOTAL	1	9	2	12	26

EASTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	2	0	2
8-9	0	5	1	6
9-10	0	7	0	7
3-4	0	6	0	6
4-5	0	5	2	7
5-6	1	4	0	5
TOTAL	1	29	3	33

WESTBOUND Approach

Hours	Lt	Th	Rt	Total	N-S
7-8	2	3	2	7	9
8-9	0	9	2	11	17
9-10	3	16	0	19	26
3-4	2	15	1	18	24
4-5	5	12	0	17	24
5-6	3	10	0	13	18
TOTAL	15	65	5	85	118

REMARKS (6 hour total):

	NB	SB	EB	WB	TOTAL
- Female Riders	0	1	0	2	3
- No helmet riders	9	9	27	7	52
- Sidewalk Riding	3	4	14	7	28
- Wrong way riding	0	7	19	0	26

NB: Northbound, **SB:** Southbound, **EB:** Eastbound, **WB:** Westbound, **I/S:** Intersection

PEDESTRIAN COUNT SUMMARY

STREET:

North/South:	Olive Street				
East/West:	5th Street				
Day:	Thursday	Date:	42831	Weather:	Clear
School Day:	Yes	District:	Central	I/S Code:	8600
Hours:	7-10 AM, 3-6 PM	Staff:	CUI		

AM PEAK PERIOD

15 Min. Interval	N-LEG	S-LEG	E-LEG	W-LEG	TOTAL
7:00-7:15	52	54	15	24	145
7:15-7:30	90	73	18	46	227
7:30-7:45	79	87	22	45	233
7:45-8:00	94	104	29	63	290
8:00-8:15	92	106	19	56	273
8:15-8:30	99	113	36	50	298
8:30-8:45	103	136	21	80	340
8:45-9:00	106	108	28	74	316
9:00-9:15	90	112	26	73	301
9:15-9:30	71	107	24	60	262
9:30-9:45	76	91	17	46	230
9:45-10:00	65	160	13	55	293

PM PEAK PERIOD

15 Min. Interval	N-LEG	S-LEG	E-LEG	W-LEG	TOTAL
3:00-3:15	80	92	28	27	227
3:15-3:30	102	120	31	31	284
3:30-3:45	103	119	22	30	274
3:45-4:00	121	107	54	41	323
4:00-4:15	133	162	74	49	418
4:15-4:30	124	138	56	52	370
4:30-4:45	122	159	53	56	390
4:45-5:00	108	130	53	48	339
5:00-5:15	151	229	84	59	523
5:15-5:30	124	152	59	23	358
5:30-5:45	104	147	53	60	364
5:45-6:00	88	144	49	33	314

Hours

7 - 8	315	318	84	178	895
8 - 9	400	463	104	260	1227
9 - 10	302	470	80	234	1086
TOTAL	1017	1251	268	672	3208

Hours

3 - 4	406	438	135	129	1108
4 - 5	487	589	236	205	1517
5 - 6	467	672	245	175	1559
TOTAL	1360	1699	616	509	4184

REMARKS (6 hour total):

- Wheelchair/special needs assistance
- Skateboard/scooter

N-LEG S-LEG E-LEG W-LEG TOTAL

0	1	4	0	5
0	3	12	3	18

N: North, **S:** South, **E:** East, **W:** West, **I/S:** Intersection

Source: Counts Unlimited, Inc.

LADOT 2015 CMP

City of Los Angeles
 Department of Transportation
BICYCLE COUNT SUMMARY

STREET:

North/South: Hill Street

East/West: 5th Street

Day: Thursday

Date: April 6, 2017

Weather: Clear

School Day: Yes

District: Central

I/S Code: 8599

Hours: 7-10 AM, 3-6 PM

Staff: CUI

NORTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	1	5	1	7
8-9	1	7	2	10
9-10	1	9	5	15
3-4	2	13	2	17
4-5	2	12	3	17
5-6	0	9	0	9
TOTAL	7	55	13	75

SOUTHBOUND Approach

Hours	Lt	Th	Rt	Total	N-S
7-8	0	3	0	3	10
8-9	0	13	4	17	27
9-10	0	11	4	15	30
3-4	0	10	2	12	29
4-5	2	12	5	19	36
5-6	1	7	3	11	20
TOTAL	3	56	18	77	152

EASTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	2	1	3
8-9	1	0	1	2
9-10	0	2	0	2
3-4	2	8	0	10
4-5	5	14	0	19
5-6	2	4	0	6
TOTAL	10	30	2	42

WESTBOUND Approach

Hours	Lt	Th	Rt	Total	N-S
7-8	1	4	0	5	8
8-9	2	11	1	14	16
9-10	2	11	3	16	18
3-4	4	17	1	22	32
4-5	4	18	2	24	43
5-6	0	8	1	9	15
TOTAL	13	69	8	90	132

REMARKS (6 hour total):

	NB	SB	EB	WB	TOTAL
- Female Riders	3	8	0	6	17
- No helmet riders	25	33	37	34	129
- Sidewalk Riding	15	2	8	12	37
- Wrong way riding	7	1	9	5	22

NB: Northbound, **SB:** Southbound, **EB:** Eastbound, **WB:** Westbound, **I/S:** Intersection

PEDESTRIAN COUNT SUMMARY

STREET:

North/South:	Hill Street				
East/West:	5th Street				
Day:	Thursday	Date:	42831	Weather:	Clear
School Day:	Yes	District:	Central	I/S Code:	8599
Hours:	7-10 AM, 3-6 PM	Staff:	CUI		

AM PEAK PERIOD

15 Min. Interval	N-LEG	S-LEG	E-LEG	W-LEG	TOTAL
7:00-7:15	64	98	70	32	264
7:15-7:30	103	127	62	42	334
7:30-7:45	69	132	67	65	333
7:45-8:00	92	129	96	50	367
8:00-8:15	90	159	67	48	364
8:15-8:30	99	147	86	93	425
8:30-8:45	104	195	138	68	505
8:45-9:00	107	140	80	63	390
9:00-9:15	100	168	96	61	425
9:15-9:30	106	180	88	60	434
9:30-9:45	106	158	93	74	431
9:45-10:00	103	186	78	61	428

PM PEAK PERIOD

15 Min. Interval	N-LEG	S-LEG	E-LEG	W-LEG	TOTAL
3:00-3:15	143	277	135	69	624
3:15-3:30	132	213	86	61	492
3:30-3:45	140	247	124	114	625
3:45-4:00	147	261	133	151	692
4:00-4:15	150	302	122	108	682
4:15-4:30	118	287	111	105	621
4:30-4:45	133	276	128	102	639
4:45-5:00	103	236	108	64	511
5:00-5:15	146	282	155	127	710
5:15-5:30	145	223	121	78	567
5:30-5:45	104	246	105	103	558
5:45-6:00	107	218	111	101	537

Hours

7 - 8	328	486	295	189	1298
8 - 9	400	641	371	272	1684
9 - 10	415	692	355	256	1718
TOTAL	1143	1819	1021	717	4700

Hours

3 - 4	562	998	478	395	2433
4 - 5	504	1101	469	379	2453
5 - 6	502	969	492	409	2372
TOTAL	1568	3068	1439	1183	7258

REMARKS (6 hour total):

- Wheelchair/special needs assistance
- Skateboard/scooter

N-LEG S-LEG E-LEG W-LEG TOTAL

1	2	4	2	9
3	6	6	2	17

N: North, **S:** South, **E:** East, **W:** West, **I/S:** Intersection

Source: Counts Unlimited, Inc.

LADOT 2015 CMP

City of Los Angeles
 Department of Transportation
BICYCLE COUNT SUMMARY

STREET:

North/South:	Broadway		
East/West:	5th Street		
Day:	Thursday	Date:	April 6, 2017
School Day:	Yes	District:	Central
Hours:	7-10 AM, 3-6 PM	Staff:	CUI
		Weather:	Clear
		I/S Code:	8943

NORTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	8	0	8
8-9	0	14	2	16
9-10	2	23	1	26
3-4	2	19	3	24
4-5	1	32	1	34
5-6	4	20	2	26
TOTAL	9	116	9	134

SOUTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	8	2	10
8-9	3	3	1	7
9-10	0	8	2	10
3-4	1	22	8	31
4-5	1	19	0	20
5-6	2	21	3	26
TOTAL	7	81	16	104

TOTAL

N-S
18
23
36
55
54
52
238

EASTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	7	0	7
8-9	0	8	2	10
9-10	1	10	0	11
3-4	0	16	3	19
4-5	1	17	1	19
5-6	1	11	2	14
TOTAL	3	69	8	80

WESTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	4	13	0	17
8-9	2	21	0	23
9-10	2	25	0	27
3-4	4	18	1	23
4-5	1	23	2	26
5-6	0	17	0	17
TOTAL	13	117	3	133

TOTAL

N-S
24
33
38
42
45
31
213

REMARKS (6 hour total):

	NB	SB	EB	WB	TOTAL
- Female Riders	5	2	0	4	11
- No helmet riders	70	67	49	76	262
- Sidewalk Riding	31	33	28	20	112
- Wrong way riding	24	28	46	21	119

NB: Northbound, **SB:** Southbound, **EB:** Eastbound, **WB:** Westbound, **I/S:** Intersection

PEDESTRIAN COUNT SUMMARY

STREET:

North/South:	Broadway				
East/West:	5th Street				
Day:	Thursday	Date:	42831	Weather:	Clear
School Day:	Yes	District:	Central	I/S Code:	8943
Hours:	7-10 AM, 3-6 PM	Staff:	CUI		

AM PEAK PERIOD

15 Min. Interval	N-LEG	S-LEG	E-LEG	W-LEG	TOTAL
7:00-7:15	40	70	25	39	174
7:15-7:30	72	99	41	50	262
7:30-7:45	55	82	25	48	210
7:45-8:00	64	101	60	59	284
8:00-8:15	77	108	65	71	321
8:15-8:30	59	91	51	61	262
8:30-8:45	59	156	52	65	332
8:45-9:00	81	121	62	77	341
9:00-9:15	88	120	50	74	332
9:15-9:30	79	121	70	80	350
9:30-9:45	86	119	93	74	372
9:45-10:00	62	129	72	90	353

PM PEAK PERIOD

15 Min. Interval	N-LEG	S-LEG	E-LEG	W-LEG	TOTAL
3:00-3:15	122	166	99	139	526
3:15-3:30	105	166	95	166	532
3:30-3:45	99	155	94	98	446
3:45-4:00	103	142	97	131	473
4:00-4:15	106	145	112	135	498
4:15-4:30	101	172	123	127	523
4:30-4:45	108	187	96	100	491
4:45-5:00	105	161	100	115	481
5:00-5:15	90	162	98	98	448
5:15-5:30	143	161	103	127	534
5:30-5:45	119	158	105	130	512
5:45-6:00	124	162	88	84	458

Hours

7 - 8	231	352	151	196	930
8 - 9	276	476	230	274	1256
9 - 10	315	489	285	318	1407
TOTAL	822	1317	666	788	3593

Hours

3 - 4	429	629	385	534	1977
4 - 5	420	665	431	477	1993
5 - 6	476	643	394	439	1952
TOTAL	1325	1937	1210	1450	5922

REMARKS (6 hour total):

- Wheelchair/special needs assistance
- Skateboard/scooter

	N-LEG	S-LEG	E-LEG	W-LEG	TOTAL
- Wheelchair/special needs assistance	9	16	17	21	63
- Skateboard/scooter	6	4	4	7	21

N: North, S: South, E: East, W: West, I/S: Intersection

Source: Counts Unlimited, Inc.

LADOT 2015 CMP

Traffic Counts – Detail

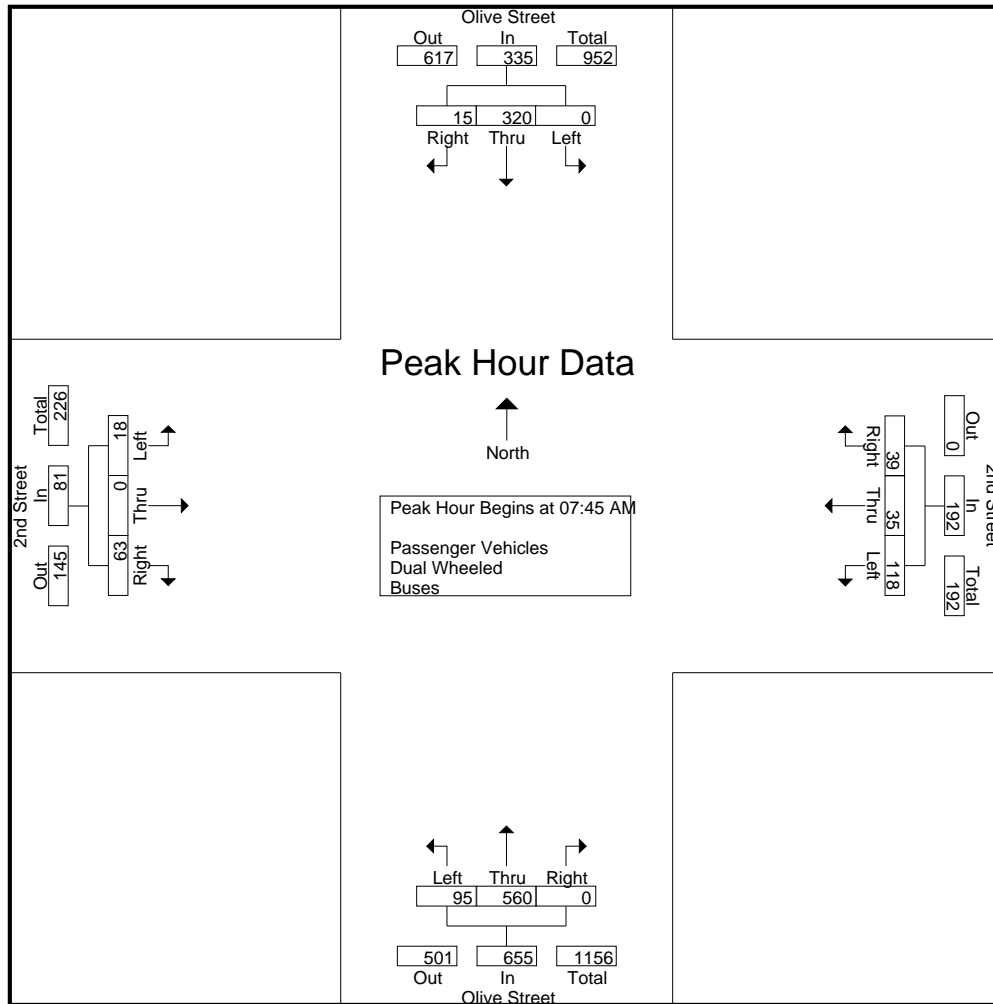
City of Los Angeles
 N/S: Olive Street
 E/W: 2nd Street
 Weather: Clear

File Name : LACOL2nAM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

Groups Printed- Passenger Vehicles - Dual Wheeled - Buses

Start Time	Olive Street Southbound				2nd Street Westbound				Olive Street Northbound				2nd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	0	69	6	75	11	10	3	24	18	79	0	97	3	0	19	22	218
07:15 AM	0	62	10	72	22	16	10	48	24	95	0	119	0	0	13	13	252
07:30 AM	0	53	12	65	24	17	11	52	27	136	0	163	6	0	6	12	292
07:45 AM	0	69	2	71	13	8	5	26	34	152	0	186	4	0	7	11	294
Total	0	253	30	283	70	51	29	150	103	462	0	565	13	0	45	58	1056
08:00 AM	0	70	4	74	40	10	11	61	21	131	0	152	3	0	17	20	307
08:15 AM	0	88	3	91	39	8	11	58	21	153	0	174	5	0	21	26	349
08:30 AM	0	93	6	99	26	9	12	47	19	124	0	143	6	0	18	24	313
08:45 AM	0	99	7	106	19	12	4	35	20	84	0	104	1	0	22	23	268
Total	0	350	20	370	124	39	38	201	81	492	0	573	15	0	78	93	1237
09:00 AM	0	136	5	141	31	10	7	48	22	89	0	111	2	0	28	30	330
09:15 AM	0	99	11	110	32	21	6	59	24	101	0	125	11	0	19	30	324
09:30 AM	0	102	7	109	26	12	13	51	22	116	0	138	3	0	23	26	324
09:45 AM	0	70	4	74	18	10	8	36	20	82	0	102	4	0	18	22	234
Total	0	407	27	434	107	53	34	194	88	388	0	476	20	0	88	108	1212
Grand Total	0	1010	77	1087	301	143	101	545	272	1342	0	1614	48	0	211	259	3505
Apprch %	0	92.9	7.1		55.2	26.2	18.5		16.9	83.1	0		18.5	0	81.5		
Total %	0	28.8	2.2	31	8.6	4.1	2.9	15.5	7.8	38.3	0	46	1.4	0	6	7.4	
Passenger Vehicles	0	970	77	1047	297	137	100	534	242	1131	0	1373	48	0	203	251	3205
% Passenger Vehicles	0	96	100	96.3	98.7	95.8	99	98	89	84.3	0	85.1	100	0	96.2	96.9	91.4
Dual Wheeled	0	37	0	37	3	6	1	10	1	31	0	32	0	0	3	3	82
% Dual Wheeled	0	3.7	0	3.4	1	4.2	1	1.8	0.4	2.3	0	2	0	0	1.4	1.2	2.3
Buses	0	3	0	3	1	0	0	1	29	180	0	209	0	0	5	5	218
% Buses	0	0.3	0	0.3	0.3	0	0	0.2	10.7	13.4	0	12.9	0	0	2.4	1.9	6.2

Start Time	Olive Street Southbound				2nd Street Westbound				Olive Street Northbound				2nd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	0	69	2	71	13	8	5	26	34	152	0	186	4	0	7	11	294
08:00 AM	0	70	4	74	40	10	11	61	21	131	0	152	3	0	17	20	307
08:15 AM	0	88	3	91	39	8	11	58	21	153	0	174	5	0	21	26	349
08:30 AM	0	93	6	99	26	9	12	47	19	124	0	143	6	0	18	24	313
Total Volume	0	320	15	335	118	35	39	192	95	560	0	655	18	0	63	81	1263
% App. Total	0	95.5	4.5		61.5	18.2	20.3		14.5	85.5	0		22.2	0	77.8		
PHF	.000	.860	.625	.846	.738	.875	.813	.787	.699	.915	.000	.880	.750	.000	.750	.779	.905



Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	08:45 AM				08:00 AM				07:30 AM				08:45 AM			
+0 mins.	0	99	7	106	40	10	11	61	27	136	0	163	1	0	22	23
+15 mins.	0	136	5	141	39	8	11	58	34	152	0	186	2	0	28	30
+30 mins.	0	99	11	110	26	9	12	47	21	131	0	152	11	0	19	30
+45 mins.	0	102	7	109	19	12	4	35	21	153	0	174	3	0	23	26
Total Volume	0	436	30	466	124	39	38	201	103	572	0	675	17	0	92	109
% App. Total	0	93.6	6.4		61.7	19.4	18.9		15.3	84.7	0		15.6	0	84.4	
PHF	.000	.801	.682	.826	.775	.813	.792	.824	.757	.935	.000	.907	.386	.000	.821	.908

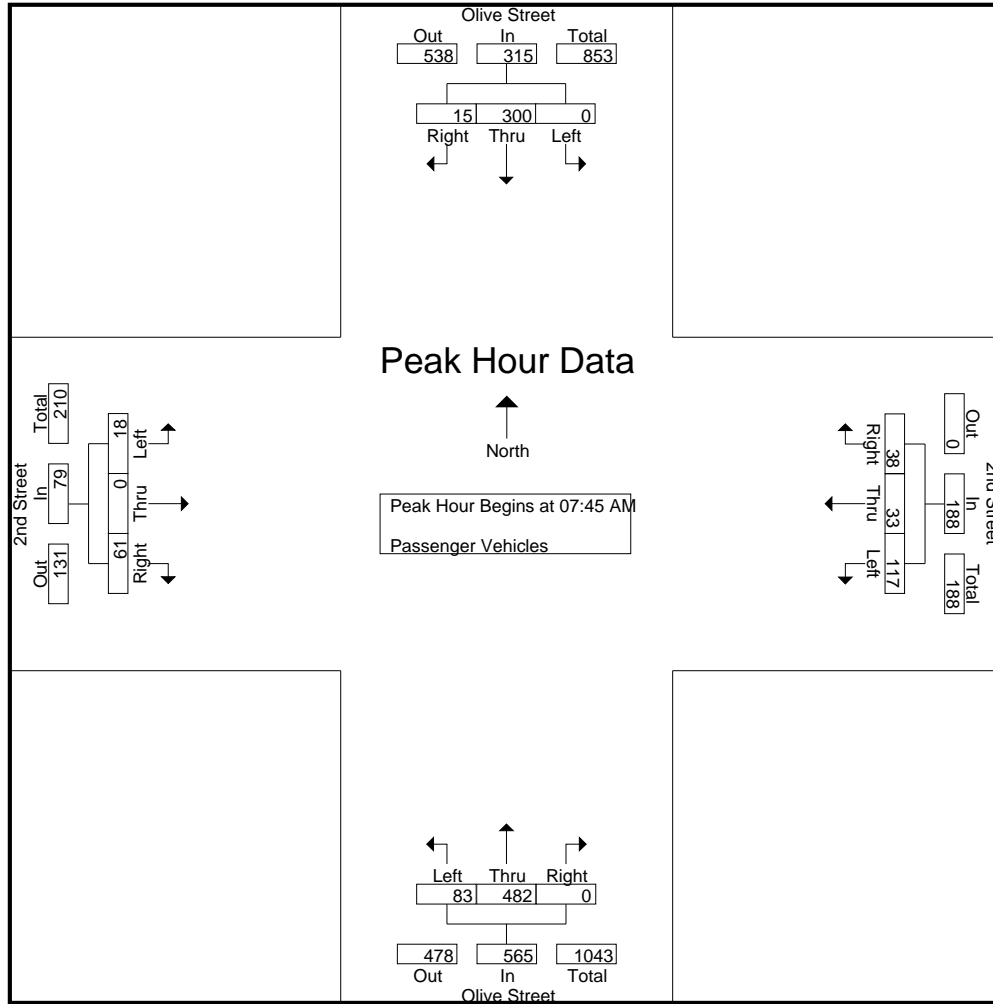
City of Los Angeles
 N/S: Olive Street
 E/W: 2nd Street
 Weather: Clear

File Name : LACOL2nAM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

Groups Printed- Passenger Vehicles

Start Time	Olive Street Southbound				2nd Street Westbound				Olive Street Northbound				2nd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	0	66	6	72	11	10	3	24	16	60	0	76	3	0	17	20	192
07:15 AM	0	58	10	68	21	16	10	47	20	75	0	95	0	0	13	13	223
07:30 AM	0	52	12	64	24	15	11	50	24	121	0	145	6	0	5	11	270
07:45 AM	0	67	2	69	13	8	5	26	31	134	0	165	4	0	6	10	270
Total	0	243	30	273	69	49	29	147	91	390	0	481	13	0	41	54	955
08:00 AM	0	66	4	70	40	10	11	61	19	113	0	132	3	0	17	20	283
08:15 AM	0	81	3	84	39	7	10	56	17	133	0	150	5	0	20	25	315
08:30 AM	0	86	6	92	25	8	12	45	16	102	0	118	6	0	18	24	279
08:45 AM	0	96	7	103	19	12	4	35	18	62	0	80	1	0	22	23	241
Total	0	329	20	349	123	37	37	197	70	410	0	480	15	0	77	92	1118
09:00 AM	0	133	5	138	31	10	7	48	20	72	0	92	2	0	26	28	306
09:15 AM	0	95	11	106	32	21	6	59	23	85	0	108	11	0	19	30	303
09:30 AM	0	102	7	109	25	10	13	48	20	104	0	124	3	0	22	25	306
09:45 AM	0	68	4	72	17	10	8	35	18	70	0	88	4	0	18	22	217
Total	0	398	27	425	105	51	34	190	81	331	0	412	20	0	85	105	1132
Grand Total	0	970	77	1047	297	137	100	534	242	1131	0	1373	48	0	203	251	3205
Apprch %	0	92.6	7.4		55.6	25.7	18.7		17.6	82.4	0		19.1	0	80.9		
Total %	0	30.3	2.4	32.7	9.3	4.3	3.1	16.7	7.6	35.3	0	42.8	1.5	0	6.3	7.8	

Start Time	Olive Street Southbound				2nd Street Westbound				Olive Street Northbound				2nd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	0	67	2	69	13	8	5	26	31	134	0	165	4	0	6	10	270
08:00 AM	0	66	4	70	40	10	11	61	19	113	0	132	3	0	17	20	283
08:15 AM	0	81	3	84	39	7	10	56	17	133	0	150	5	0	20	25	315
08:30 AM	0	86	6	92	25	8	12	45	16	102	0	118	6	0	18	24	279
Total Volume	0	300	15	315	117	33	38	188	83	482	0	565	18	0	61	79	1147
% App. Total	0	95.2	4.8		62.2	17.6	20.2		14.7	85.3	0		22.8	0	77.2		
PHF	.000	.872	.625	.856	.731	.825	.792	.770	.669	.899	.000	.856	.750	.000	.763	.790	.910



Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	07:45 AM				07:45 AM				07:45 AM				07:45 AM			
+0 mins.	0	67	2	69	13	8	5	26	31	134	0	165	4	0	6	10
+15 mins.	0	66	4	70	40	10	11	61	19	113	0	132	3	0	17	20
+30 mins.	0	81	3	84	39	7	10	56	17	133	0	150	5	0	20	25
+45 mins.	0	86	6	92	25	8	12	45	16	102	0	118	6	0	18	24
Total Volume	0	300	15	315	117	33	38	188	83	482	0	565	18	0	61	79
% App. Total	0	95.2	4.8		62.2	17.6	20.2		14.7	85.3	0		22.8	0	77.2	
PHF	.000	.872	.625	.856	.731	.825	.792	.770	.669	.899	.000	.856	.750	.000	.763	.790

City of Los Angeles
 N/S: Olive Street
 E/W: 2nd Street
 Weather: Clear

File Name : LACOL2nAM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

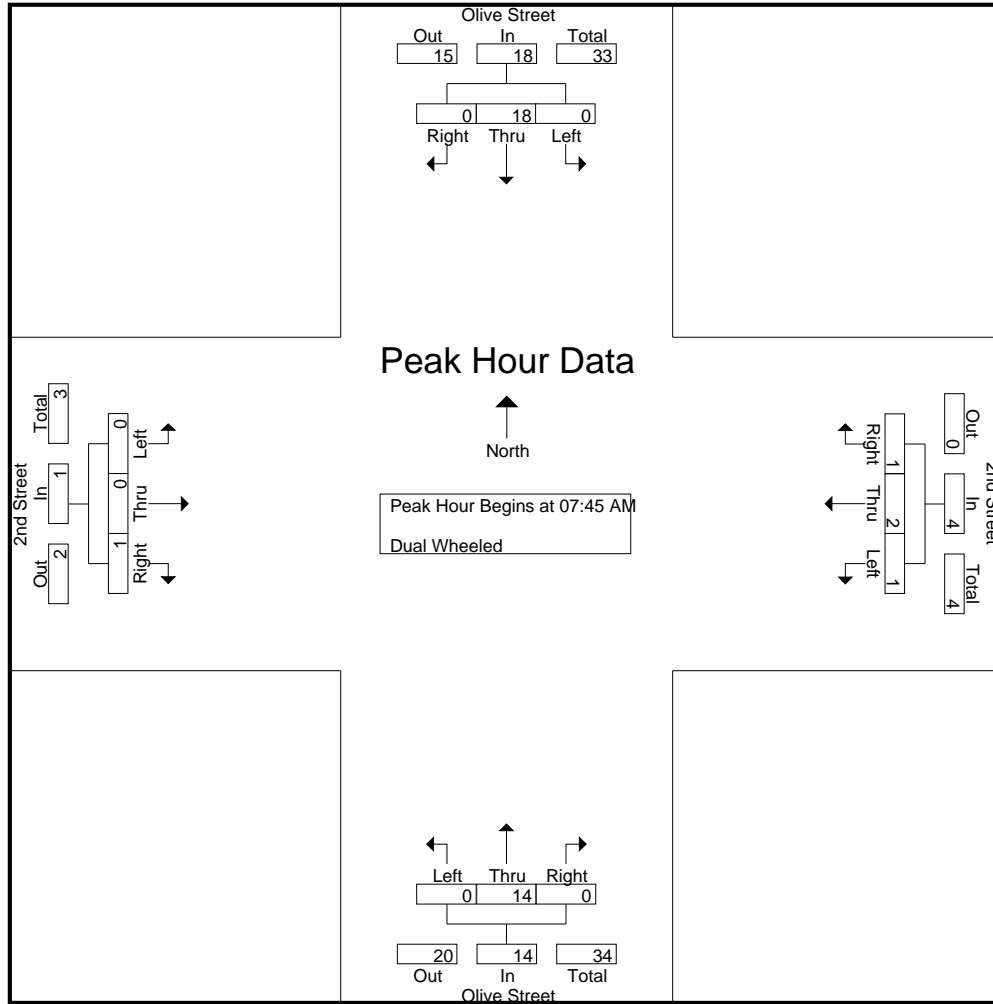
Groups Printed- Dual Wheeled

Start Time	Olive Street Southbound				2nd Street Westbound				Olive Street Northbound				2nd Street Eastbound				Int. Total	
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total		
07:00 AM	0	3	0	3	0	0	0	0	0	1	0	1	0	0	0	2	2	6
07:15 AM	0	4	0	4	1	0	0	1	1	2	0	3	0	0	0	0	0	8
07:30 AM	0	1	0	1	0	2	0	2	0	2	0	2	0	0	0	0	0	5
07:45 AM	0	2	0	2	0	0	0	0	0	1	0	1	0	0	0	0	0	3
Total	0	10	0	10	1	2	0	3	1	6	0	7	0	0	2	2		22
08:00 AM	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3
08:15 AM	0	7	0	7	0	1	1	2	0	4	0	4	0	0	1	1	1	14
08:30 AM	0	6	0	6	1	1	0	2	0	9	0	9	0	0	0	0	0	17
08:45 AM	0	3	0	3	0	0	0	0	0	4	0	4	0	0	0	0	0	7
Total	0	19	0	19	1	2	1	4	0	17	0	17	0	0	1	1		41
09:00 AM	0	3	0	3	0	0	0	0	0	4	0	4	0	0	0	0	0	7
09:15 AM	0	4	0	4	0	0	0	0	0	2	0	2	0	0	0	0	0	6
09:30 AM	0	0	0	0	1	2	0	3	0	1	0	1	0	0	0	0	0	4
09:45 AM	0	1	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	2
Total	0	8	0	8	1	2	0	3	0	8	0	8	0	0	0	0	0	19
Grand Total	0	37	0	37	3	6	1	10	1	31	0	32	0	0	3	3		82
Apprch %	0	100	0		30	60	10		3.1	96.9	0		0	0	100			
Total %	0	45.1	0	45.1	3.7	7.3	1.2	12.2	1.2	37.8	0	39	0	0	3.7	3.7		

Start Time	Olive Street Southbound				2nd Street Westbound				Olive Street Northbound				2nd Street Eastbound				Int. Total	
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total		
Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1																		
Peak Hour for Entire Intersection Begins at 07:45 AM																		
07:45 AM	0	2	0	2	0	0	0	0	0	1	0	1	0	0	0	0	0	3
08:00 AM	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3
08:15 AM	0	7	0	7	0	1	1	2	0	4	0	4	0	0	1	1	1	14
08:30 AM	0	6	0	6	1	1	0	2	0	9	0	9	0	0	0	0	0	17
Total Volume	0	18	0	18	1	2	1	4	0	14	0	14	0	0	1	1		37
% App. Total	0	100	0		25	50	25		0	100	0		0	0	100			
PHF	.000	.643	.000	.643	.250	.500	.250	.500	.000	.389	.000	.389	.000	.000	.250	.250		.544

City of Los Angeles
 N/S: Olive Street
 E/W: 2nd Street
 Weather: Clear

File Name : LACOL2nAM
 Site Code : 20217215
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Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	07:45 AM				07:45 AM				07:45 AM				07:45 AM			
+0 mins.	0	2	0	2	0	0	0	0	0	1	0	1	0	0	0	0
+15 mins.	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0
+30 mins.	0	7	0	7	0	1	1	2	0	4	0	4	0	0	1	1
+45 mins.	0	6	0	6	1	1	0	2	0	9	0	9	0	0	0	0
Total Volume	0	18	0	18	1	2	1	4	0	14	0	14	0	0	1	1
% App. Total	0	100	0		25	50	25		0	100	0		0	0	100	
PHF	.000	.643	.000	.643	.250	.500	.250	.500	.000	.389	.000	.389	.000	.000	.250	.250

City of Los Angeles
 N/S: Olive Street
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File Name : LACOL2nAM
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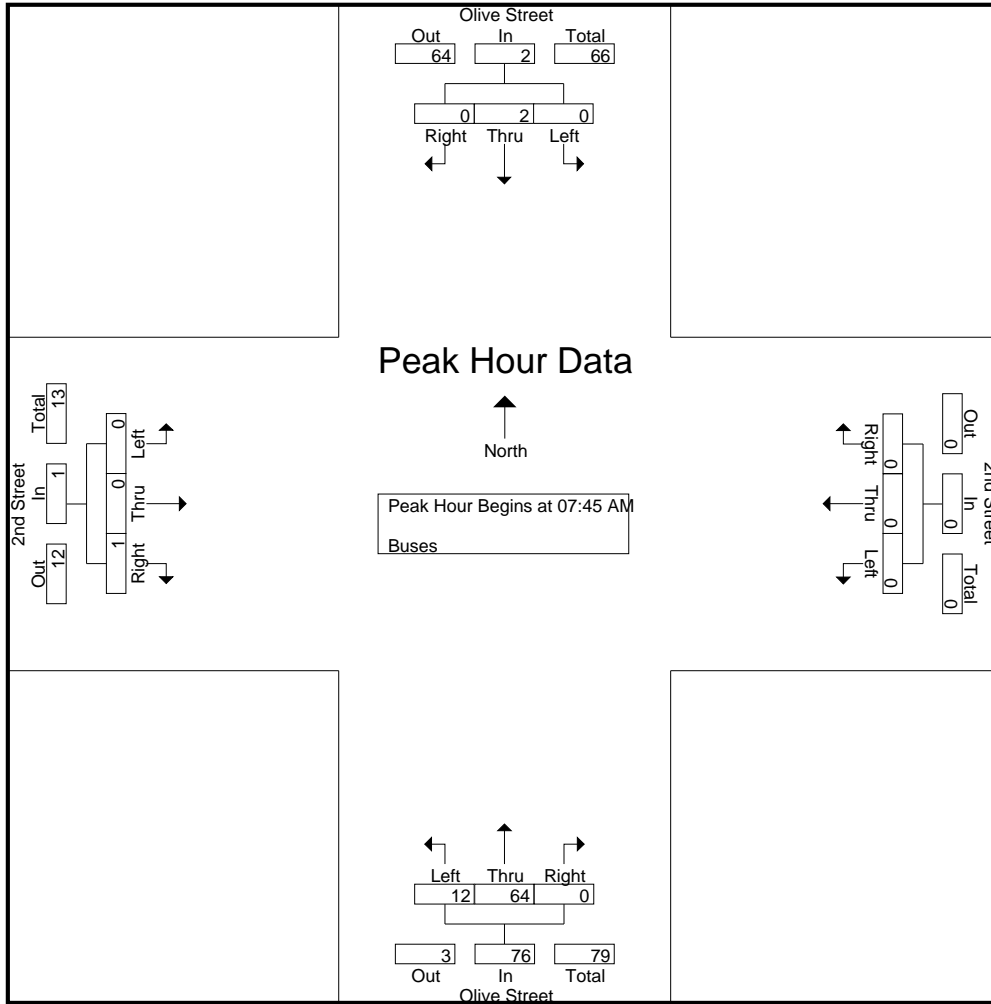
Groups Printed- Buses

Start Time	Olive Street Southbound				2nd Street Westbound				Olive Street Northbound				2nd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	0	0	0	0	0	0	0	0	2	18	0	20	0	0	0	0	20
07:15 AM	0	0	0	0	0	0	0	0	3	18	0	21	0	0	0	0	21
07:30 AM	0	0	0	0	0	0	0	0	3	13	0	16	0	0	1	1	17
07:45 AM	0	0	0	0	0	0	0	0	3	17	0	20	0	0	1	1	21
Total	0	0	0	0	0	0	0	0	11	66	0	77	0	0	2	2	79
08:00 AM	0	1	0	1	0	0	0	0	2	18	0	20	0	0	0	0	21
08:15 AM	0	0	0	0	0	0	0	0	4	16	0	20	0	0	0	0	20
08:30 AM	0	1	0	1	0	0	0	0	3	13	0	16	0	0	0	0	17
08:45 AM	0	0	0	0	0	0	0	0	2	18	0	20	0	0	0	0	20
Total	0	2	0	2	0	0	0	0	11	65	0	76	0	0	0	0	78
09:00 AM	0	0	0	0	0	0	0	0	2	13	0	15	0	0	2	2	17
09:15 AM	0	0	0	0	0	0	0	0	1	14	0	15	0	0	0	0	15
09:30 AM	0	0	0	0	0	0	0	0	2	11	0	13	0	0	1	1	14
09:45 AM	0	1	0	1	1	0	0	1	2	11	0	13	0	0	0	0	15
Total	0	1	0	1	1	0	0	1	7	49	0	56	0	0	3	3	61
Grand Total	0	3	0	3	1	0	0	1	29	180	0	209	0	0	5	5	218
Apprch %	0	100	0		100	0	0		13.9	86.1	0		0	0	100		
Total %	0	1.4	0	1.4	0.5	0	0	0.5	13.3	82.6	0	95.9	0	0	2.3	2.3	

Start Time	Olive Street Southbound				2nd Street Westbound				Olive Street Northbound				2nd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	0	0	0	0	0	0	0	0	3	17	0	20	0	0	1	1	21
08:00 AM	0	1	0	1	0	0	0	0	2	18	0	20	0	0	0	0	21
08:15 AM	0	0	0	0	0	0	0	0	4	16	0	20	0	0	0	0	20
08:30 AM	0	1	0	1	0	0	0	0	3	13	0	16	0	0	0	0	17
Total Volume	0	2	0	2	0	0	0	0	12	64	0	76	0	0	1	1	79
% App. Total	0	100	0		0	0	0		15.8	84.2	0		0	0	100		
PHF	.000	.500	.000	.500	.000	.000	.000	.000	.750	.889	.000	.950	.000	.000	.250	.250	.940

City of Los Angeles
 N/S: Olive Street
 E/W: 2nd Street
 Weather: Clear

File Name : LACOL2nAM
 Site Code : 20217215
 Start Date : 4/6/2017
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Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	07:45 AM				07:45 AM				07:45 AM				07:45 AM			
+0 mins.	0	0	0	0	0	0	0	0	3	17	0	20	0	0	1	1
+15 mins.	0	1	0	1	0	0	0	0	2	18	0	20	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	4	16	0	20	0	0	0	0
+45 mins.	0	1	0	1	0	0	0	0	3	13	0	16	0	0	0	0
Total Volume	0	2	0	2	0	0	0	0	12	64	0	76	0	0	1	1
% App. Total	0	100	0	0	0	0	0	0	15.8	84.2	0	100	0	0	100	100
PHF	.000	.500	.000	.500	.000	.000	.000	.000	.750	.889	.000	.950	.000	.000	.250	.250

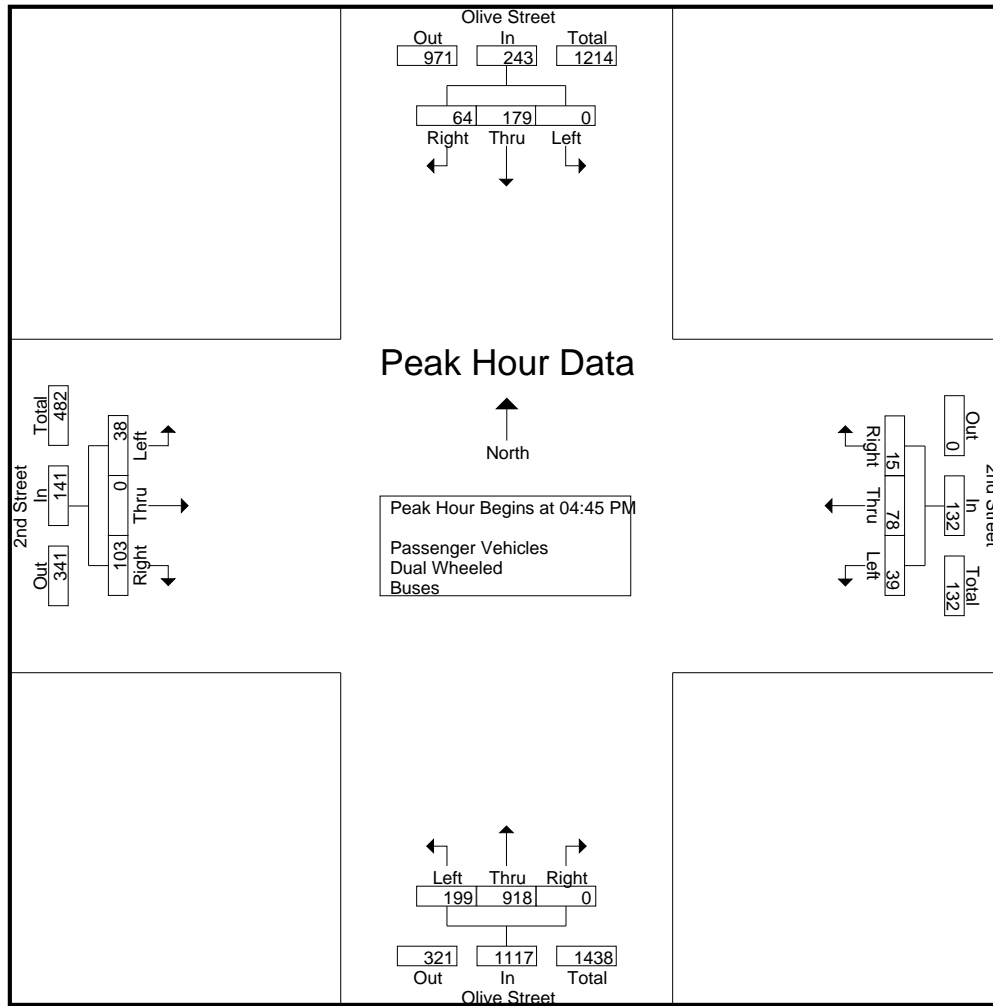
City of Los Angeles
 N/S: Olive Street
 E/W: 2nd Street
 Weather: Clear

File Name : LACOL2nPM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

Groups Printed- Passenger Vehicles - Dual Wheeled - Buses

Start Time	Olive Street Southbound				2nd Street Westbound				Olive Street Northbound				2nd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
03:00 PM	0	37	4	41	2	7	5	14	33	181	0	214	4	0	7	11	280
03:15 PM	0	27	7	34	6	14	8	28	40	187	0	227	9	0	14	23	312
03:30 PM	0	34	8	42	4	5	2	11	34	207	0	241	7	0	15	22	316
03:45 PM	0	38	7	45	7	16	3	26	39	175	0	214	9	0	21	30	315
Total	0	136	26	162	19	42	18	79	146	750	0	896	29	0	57	86	1223
04:00 PM	0	37	9	46	6	10	6	22	27	189	0	216	8	0	18	26	310
04:15 PM	0	23	14	37	6	8	4	18	38	238	0	276	10	0	19	29	360
04:30 PM	0	39	19	58	6	15	8	29	47	204	0	251	6	0	24	30	368
04:45 PM	0	44	17	61	11	24	5	40	45	214	0	259	7	0	31	38	398
Total	0	143	59	202	29	57	23	109	157	845	0	1002	31	0	92	123	1436
05:00 PM	0	45	25	70	13	21	4	38	55	239	0	294	8	0	18	26	428
05:15 PM	0	50	14	64	9	19	5	33	39	240	0	279	12	0	27	39	415
05:30 PM	0	40	8	48	6	14	1	21	60	225	0	285	11	0	27	38	392
05:45 PM	0	30	6	36	7	28	4	39	58	209	0	267	7	0	18	25	367
Total	0	165	53	218	35	82	14	131	212	913	0	1125	38	0	90	128	1602
Grand Total	0	444	138	582	83	181	55	319	515	2508	0	3023	98	0	239	337	4261
Apprch %	0	76.3	23.7		26	56.7	17.2		17	83	0		29.1	0	70.9		
Total %	0	10.4	3.2	13.7	1.9	4.2	1.3	7.5	12.1	58.9	0	70.9	2.3	0	5.6	7.9	
Passenger Vehicles	0	439	138	577	80	179	55	314	502	2308	0	2810	97	0	234	331	4032
% Passenger Vehicles	0	98.9	100	99.1	96.4	98.9	100	98.4	97.5	92	0	93	99	0	97.9	98.2	94.6
Dual Wheeled	0	4	0	4	3	2	0	5	0	25	0	25	1	0	3	4	38
% Dual Wheeled	0	0.9	0	0.7	3.6	1.1	0	1.6	0	1	0	0.8	1	0	1.3	1.2	0.9
Buses	0	1	0	1	0	0	0	0	13	175	0	188	0	0	2	2	191
% Buses	0	0.2	0	0.2	0	0	0	0	2.5	7	0	6.2	0	0	0.8	0.6	4.5

Start Time	Olive Street Southbound				2nd Street Westbound				Olive Street Northbound				2nd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	0	44	17	61	11	24	5	40	45	214	0	259	7	0	31	38	398
05:00 PM	0	45	25	70	13	21	4	38	55	239	0	294	8	0	18	26	428
05:15 PM	0	50	14	64	9	19	5	33	39	240	0	279	12	0	27	39	415
05:30 PM	0	40	8	48	6	14	1	21	60	225	0	285	11	0	27	38	392
Total Volume	0	179	64	243	39	78	15	132	199	918	0	1117	38	0	103	141	1633
% App. Total	0	73.7	26.3		29.5	59.1	11.4		17.8	82.2	0		27	0	73		
PHF	.000	.895	.640	.868	.750	.813	.750	.825	.829	.956	.000	.950	.792	.000	.831	.904	.954



Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	04:30 PM				04:30 PM				05:00 PM				04:45 PM			
+0 mins.	0	39	19	58	6	15	8	29	55	239	0	294	7	0	31	38
+15 mins.	0	44	17	61	11	24	5	40	39	240	0	279	8	0	18	26
+30 mins.	0	45	25	70	13	21	4	38	60	225	0	285	12	0	27	39
+45 mins.	0	50	14	64	9	19	5	33	58	209	0	267	11	0	27	38
Total Volume	0	178	75	253	39	79	22	140	212	913	0	1125	38	0	103	141
% App. Total	0	70.4	29.6		27.9	56.4	15.7		18.8	81.2	0		27	0	73	
PHF	.000	.890	.750	.904	.750	.823	.688	.875	.883	.951	.000	.957	.792	.000	.831	.904

City of Los Angeles
 N/S: Olive Street
 E/W: 2nd Street
 Weather: Clear

File Name : LACOL2nPM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

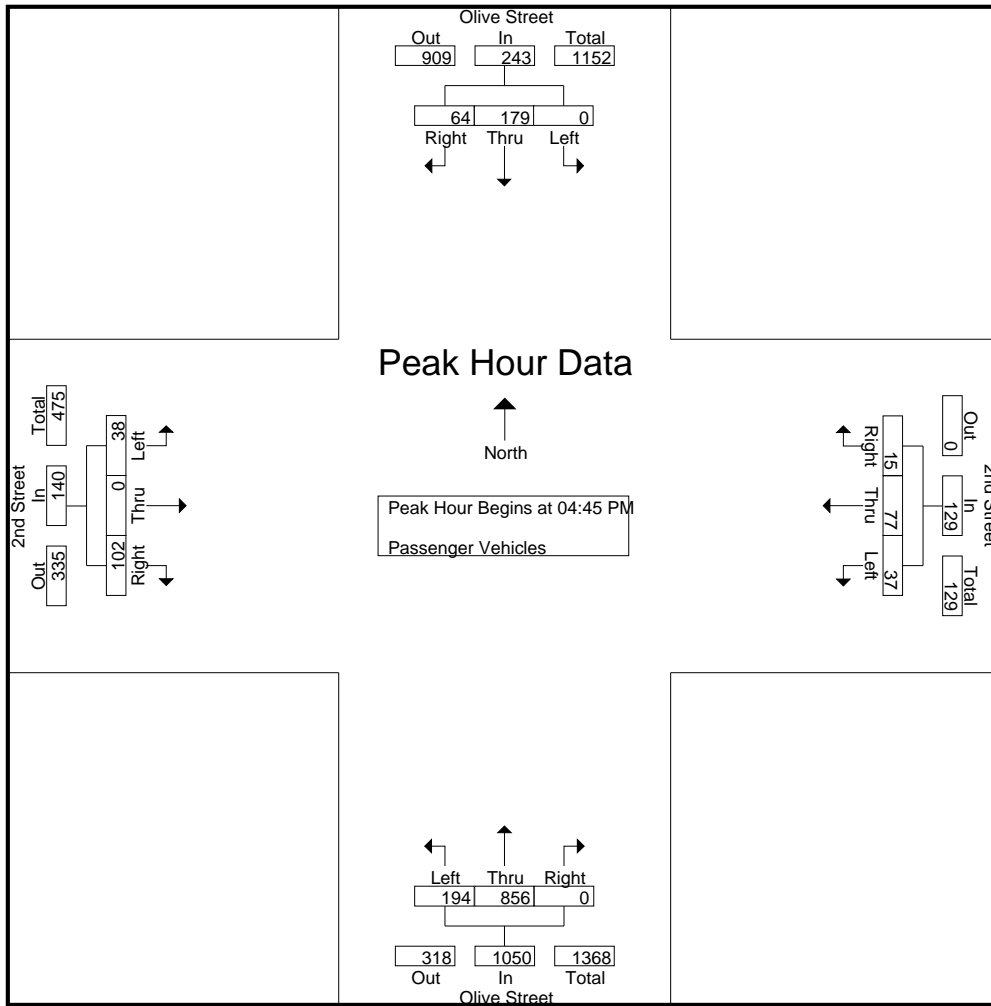
Groups Printed- Passenger Vehicles

Start Time	Olive Street Southbound				2nd Street Westbound				Olive Street Northbound				2nd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
03:00 PM	0	37	4	41	2	7	5	14	33	163	0	196	4	0	6	10	261
03:15 PM	0	26	7	33	6	14	8	28	39	172	0	211	8	0	14	22	294
03:30 PM	0	33	8	41	4	5	2	11	33	190	0	223	7	0	14	21	296
03:45 PM	0	37	7	44	6	15	3	24	38	161	0	199	9	0	20	29	296
Total	0	133	26	159	18	41	18	77	143	686	0	829	28	0	54	82	1147
04:00 PM	0	36	9	45	6	10	6	22	27	173	0	200	8	0	18	26	293
04:15 PM	0	22	14	36	6	8	4	18	36	220	0	256	10	0	19	29	339
04:30 PM	0	39	19	58	6	15	8	29	45	183	0	228	6	0	24	30	345
04:45 PM	0	44	17	61	11	23	5	39	44	203	0	247	7	0	31	38	385
Total	0	141	59	200	29	56	23	108	152	779	0	931	31	0	92	123	1362
05:00 PM	0	45	25	70	13	21	4	38	54	219	0	273	8	0	17	25	406
05:15 PM	0	50	14	64	8	19	5	32	38	221	0	259	12	0	27	39	394
05:30 PM	0	40	8	48	5	14	1	20	58	213	0	271	11	0	27	38	377
05:45 PM	0	30	6	36	7	28	4	39	57	190	0	247	7	0	17	24	346
Total	0	165	53	218	33	82	14	129	207	843	0	1050	38	0	88	126	1523
Grand Total	0	439	138	577	80	179	55	314	502	2308	0	2810	97	0	234	331	4032
Apprch %	0	76.1	23.9		25.5	57	17.5		17.9	82.1	0		29.3	0	70.7		
Total %	0	10.9	3.4	14.3	2	4.4	1.4	7.8	12.5	57.2	0	69.7	2.4	0	5.8	8.2	

Start Time	Olive Street Southbound				2nd Street Westbound				Olive Street Northbound				2nd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	0	44	17	61	11	23	5	39	44	203	0	247	7	0	31	38	385
05:00 PM	0	45	25	70	13	21	4	38	54	219	0	273	8	0	17	25	406
05:15 PM	0	50	14	64	8	19	5	32	38	221	0	259	12	0	27	39	394
05:30 PM	0	40	8	48	5	14	1	20	58	213	0	271	11	0	27	38	377
Total Volume	0	179	64	243	37	77	15	129	194	856	0	1050	38	0	102	140	1562
% App. Total	0	73.7	26.3		28.7	59.7	11.6		18.5	81.5	0		27.1	0	72.9		
PHF	.000	.895	.640	.868	.712	.837	.750	.827	.836	.968	.000	.962	.792	.000	.823	.897	.962

City of Los Angeles
 N/S: Olive Street
 E/W: 2nd Street
 Weather: Clear

File Name : LACOL2nPM
 Site Code : 20217215
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Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	04:45 PM				04:45 PM				04:45 PM				04:45 PM			
+0 mins.	0	44	17	61	11	23	5	39	44	203	0	247	7	0	31	38
+15 mins.	0	45	25	70	13	21	4	38	54	219	0	273	8	0	0	17
+30 mins.	0	50	14	64	8	19	5	32	38	221	0	259	12	0	0	27
+45 mins.	0	40	8	48	5	14	1	20	58	213	0	271	11	0	0	27
Total Volume	0	179	64	243	37	77	15	129	194	856	0	1050	38	0	102	140
% App. Total	0	73.7	26.3		28.7	59.7	11.6		18.5	81.5	0		27.1	0	72.9	
PHF	.000	.895	.640	.868	.712	.837	.750	.827	.836	.968	.000	.962	.792	.000	.823	.897

City of Los Angeles
 N/S: Olive Street
 E/W: 2nd Street
 Weather: Clear

File Name : LACOL2nPM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

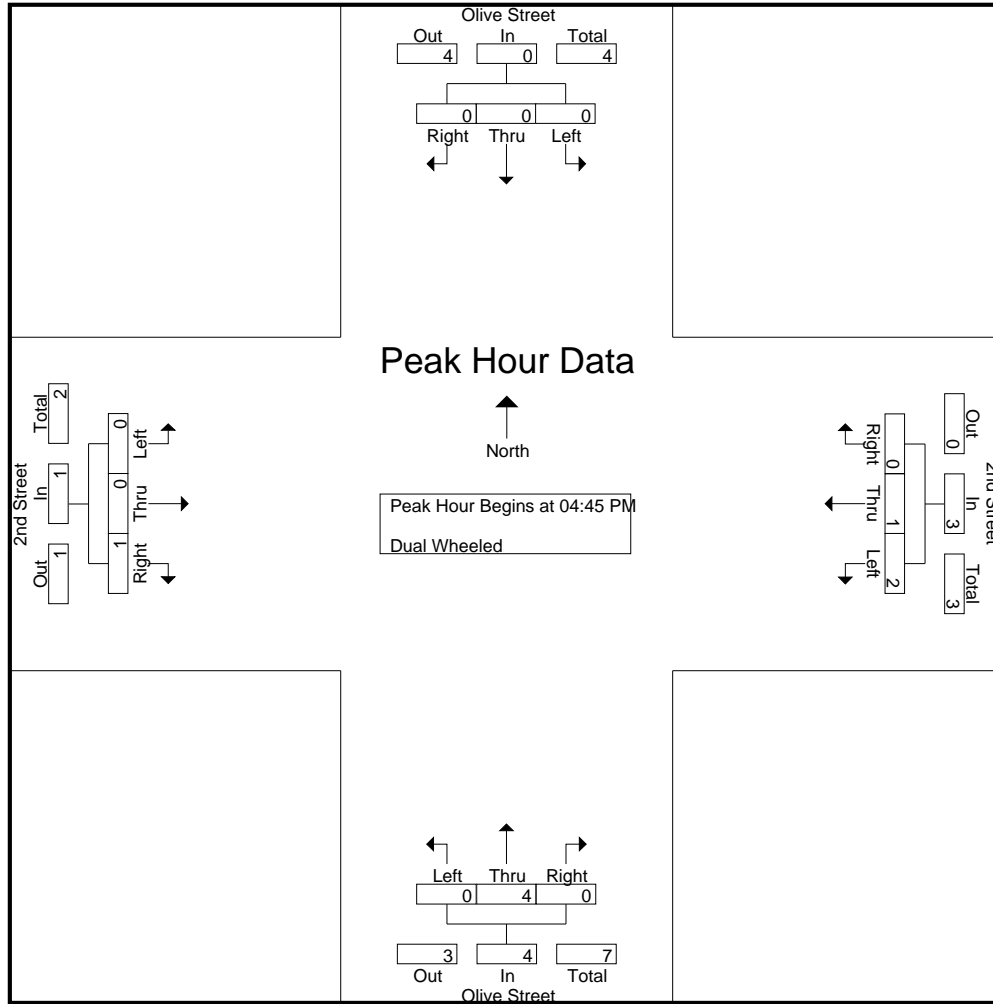
Groups Printed- Dual Wheeled

Start Time	Olive Street Southbound				2nd Street Westbound				Olive Street Northbound				2nd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
03:00 PM	0	0	0	0	0	0	0	0	0	6	0	6	0	0	0	0	6
03:15 PM	0	1	0	1	0	0	0	0	0	3	0	3	1	0	0	1	5
03:30 PM	0	1	0	1	0	0	0	0	0	2	0	2	0	0	1	1	4
03:45 PM	0	1	0	1	1	1	0	2	0	2	0	2	0	0	1	1	6
Total	0	3	0	3	1	1	0	2	0	13	0	13	1	0	2	3	21
04:00 PM	0	1	0	1	0	0	0	0	0	2	0	2	0	0	0	0	3
04:15 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
04:30 PM	0	0	0	0	0	0	0	0	0	3	0	3	0	0	0	0	3
04:45 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
Total	0	1	0	1	0	1	0	1	0	6	0	6	0	0	0	0	8
05:00 PM	0	0	0	0	0	0	0	0	0	3	0	3	0	0	1	1	4
05:15 PM	0	0	0	0	1	0	0	1	0	1	0	1	0	0	0	0	2
05:30 PM	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1
05:45 PM	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	2
Total	0	0	0	0	2	0	0	2	0	6	0	6	0	0	1	1	9
Grand Total	0	4	0	4	3	2	0	5	0	25	0	25	1	0	3	4	38
Apprch %	0	100	0		60	40	0		0	100	0		25	0	75		
Total %	0	10.5	0	10.5	7.9	5.3	0	13.2	0	65.8	0	65.8	2.6	0	7.9	10.5	

Start Time	Olive Street Southbound				2nd Street Westbound				Olive Street Northbound				2nd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
05:00 PM	0	0	0	0	0	0	0	0	0	3	0	3	0	0	1	1	4
05:15 PM	0	0	0	0	1	0	0	1	0	1	0	1	0	0	0	0	2
05:30 PM	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1
Total Volume	0	0	0	0	2	1	0	3	0	4	0	4	0	0	1	1	8
% App. Total	0	0	0		66.7	33.3	0		0	100	0		0	0	100		
PHF	.000	.000	.000	.000	.500	.250	.000	.750	.000	.333	.000	.333	.000	.000	.250	.250	.500

City of Los Angeles
 N/S: Olive Street
 E/W: 2nd Street
 Weather: Clear

File Name : LACOL2nPM
 Site Code : 20217215
 Start Date : 4/6/2017
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Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	04:45 PM				04:45 PM				04:45 PM				04:45 PM			
+0 mins.	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0	3	0	3	0	0	0	1
+30 mins.	0	0	0	0	1	0	0	1	0	1	0	1	0	0	0	0
+45 mins.	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	2	1	0	3	0	4	0	4	0	0	1	1
% App. Total	0	0	0	0	66.7	33.3	0	0	0	100	0	0	0	0	100	0
PHF	.000	.000	.000	.000	.500	.250	.000	.750	.000	.333	.000	.333	.000	.000	.250	.250

City of Los Angeles
 N/S: Olive Street
 E/W: 2nd Street
 Weather: Clear

File Name : LACOL2nPM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

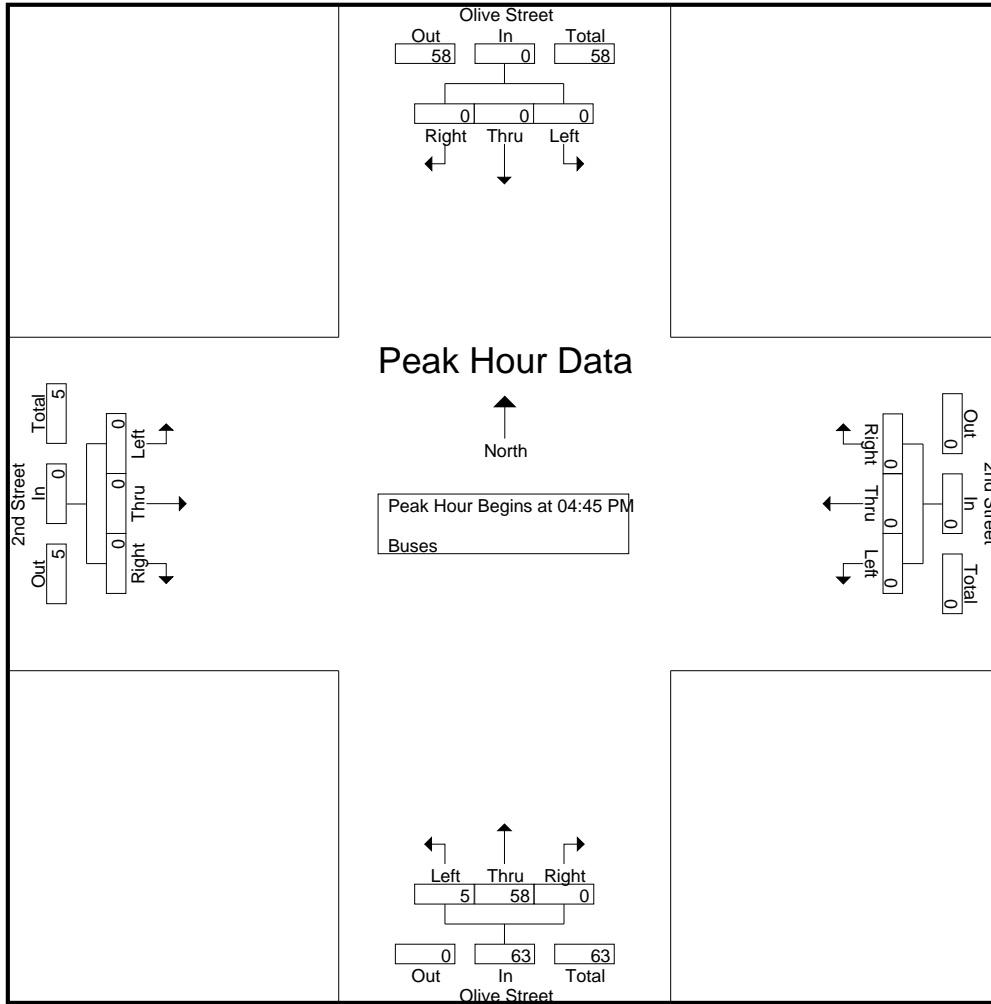
Groups Printed- Buses

Start Time	Olive Street Southbound				2nd Street Westbound				Olive Street Northbound				2nd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
03:00 PM	0	0	0	0	0	0	0	0	0	12	0	12	0	0	1	1	13
03:15 PM	0	0	0	0	0	0	0	0	1	12	0	13	0	0	0	0	13
03:30 PM	0	0	0	0	0	0	0	0	1	15	0	16	0	0	0	0	16
03:45 PM	0	0	0	0	0	0	0	0	1	12	0	13	0	0	0	0	13
Total	0	0	0	0	0	0	0	0	3	51	0	54	0	0	1	1	55
04:00 PM	0	0	0	0	0	0	0	0	0	14	0	14	0	0	0	0	14
04:15 PM	0	1	0	1	0	0	0	0	2	17	0	19	0	0	0	0	20
04:30 PM	0	0	0	0	0	0	0	0	2	18	0	20	0	0	0	0	20
04:45 PM	0	0	0	0	0	0	0	0	1	11	0	12	0	0	0	0	12
Total	0	1	0	1	0	0	0	0	5	60	0	65	0	0	0	0	66
05:00 PM	0	0	0	0	0	0	0	0	1	17	0	18	0	0	0	0	18
05:15 PM	0	0	0	0	0	0	0	0	1	18	0	19	0	0	0	0	19
05:30 PM	0	0	0	0	0	0	0	0	2	12	0	14	0	0	0	0	14
05:45 PM	0	0	0	0	0	0	0	0	1	17	0	18	0	0	1	1	19
Total	0	0	0	0	0	0	0	0	5	64	0	69	0	0	1	1	70
Grand Total	0	1	0	1	0	0	0	0	13	175	0	188	0	0	2	2	191
Apprch %	0	100	0		0	0	0		6.9	93.1	0		0	0	100		
Total %	0	0.5	0	0.5	0	0	0	0	6.8	91.6	0	98.4	0	0	1	1	

Start Time	Olive Street Southbound				2nd Street Westbound				Olive Street Northbound				2nd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	0	0	0	0	0	0	0	0	1	11	0	12	0	0	0	0	12
05:00 PM	0	0	0	0	0	0	0	0	1	17	0	18	0	0	0	0	18
05:15 PM	0	0	0	0	0	0	0	0	1	18	0	19	0	0	0	0	19
05:30 PM	0	0	0	0	0	0	0	0	2	12	0	14	0	0	0	0	14
Total Volume	0	0	0	0	0	0	0	0	5	58	0	63	0	0	0	0	63
% App. Total	0	0	0		0	0	0		7.9	92.1	0		0	0	0		
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.625	.806	.000	.829	.000	.000	.000	.000	.829

City of Los Angeles
 N/S: Olive Street
 E/W: 2nd Street
 Weather: Clear

File Name : LACOL2nPM
 Site Code : 20217215
 Start Date : 4/6/2017
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Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	04:45 PM				04:45 PM				04:45 PM				04:45 PM			
+0 mins.	0	0	0	0	0	0	0	0	1	11	0	12	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	1	17	0	18	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	1	18	0	19	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	0	2	12	0	14	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	5	58	0	63	0	0	0	0
% App. Total	0	0	0	0	0	0	0	0	7.9	92.1	0		0	0	0	0
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.625	.806	.000	.829	.000	.000	.000	.000

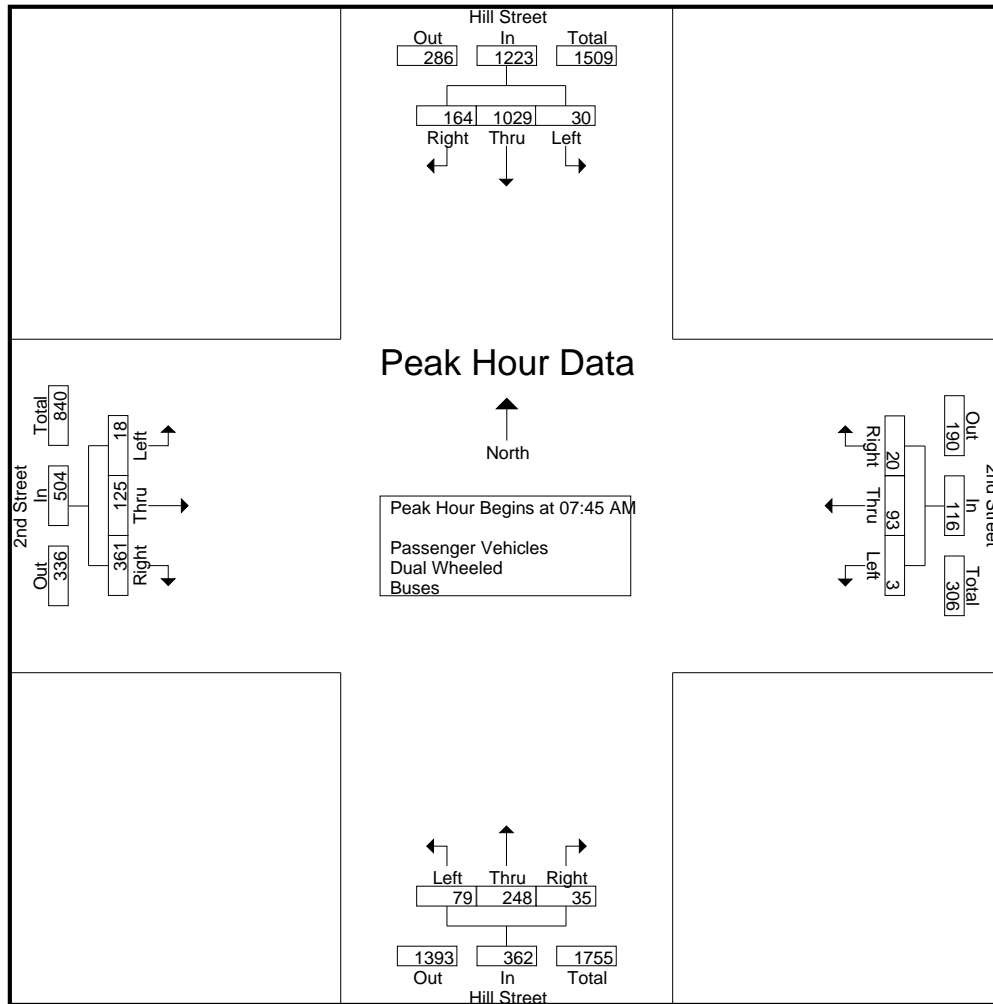
City of Los Angeles
 N/S: Hill Street
 E/W: 2nd Street
 Weather: Clear

File Name : LACHI2nAM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

Groups Printed- Passenger Vehicles - Dual Wheeled - Buses

Start Time	Hill Street Southbound				2nd Street Westbound				Hill Street Northbound				2nd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	6	260	14	280	1	28	3	32	14	54	0	68	2	18	61	81	461
07:15 AM	5	238	28	271	2	30	3	35	26	61	9	96	0	22	66	88	490
07:30 AM	4	250	29	283	0	24	5	29	22	70	4	96	6	28	58	92	500
07:45 AM	3	268	33	304	0	22	4	26	17	59	7	83	6	32	102	140	553
Total	18	1016	104	1138	3	104	15	122	79	244	20	343	14	100	287	401	2004
08:00 AM	10	256	58	324	0	23	2	25	18	70	9	97	2	28	85	115	561
08:15 AM	5	250	40	295	1	27	10	38	27	65	12	104	6	36	85	127	564
08:30 AM	12	255	33	300	2	21	4	27	17	54	7	78	4	29	89	122	527
08:45 AM	6	218	30	254	1	26	2	29	21	64	12	97	4	27	102	133	513
Total	33	979	161	1173	4	97	18	119	83	253	40	376	16	120	361	497	2165
09:00 AM	7	241	29	277	4	29	10	43	16	56	13	85	5	41	89	135	540
09:15 AM	6	257	35	298	0	20	4	24	23	66	18	107	9	40	64	113	542
09:30 AM	9	219	32	260	2	22	5	29	12	81	7	100	3	36	72	111	500
09:45 AM	8	227	20	255	0	19	3	22	22	57	3	82	8	39	69	116	475
Total	30	944	116	1090	6	90	22	118	73	260	41	374	25	156	294	475	2057
Grand Total	81	2939	381	3401	13	291	55	359	235	757	101	1093	55	376	942	1373	6226
Apprch %	2.4	86.4	11.2		3.6	81.1	15.3		21.5	69.3	9.2		4	27.4	68.6		
Total %	1.3	47.2	6.1	54.6	0.2	4.7	0.9	5.8	3.8	12.2	1.6	17.6	0.9	6	15.1	22.1	
Passenger Vehicles	79	2817	380	3276	12	280	52	344	231	645	92	968	51	364	934	1349	5937
% Passenger Vehicles	97.5	95.8	99.7	96.3	92.3	96.2	94.5	95.8	98.3	85.2	91.1	88.6	92.7	96.8	99.2	98.3	95.4
Dual Wheeled	2	25	1	28	1	11	3	15	3	16	9	28	4	12	8	24	95
% Dual Wheeled	2.5	0.9	0.3	0.8	7.7	3.8	5.5	4.2	1.3	2.1	8.9	2.6	7.3	3.2	0.8	1.7	1.5
Buses	0	97	0	97	0	0	0	0	1	96	0	97	0	0	0	0	194
% Buses	0	3.3	0	2.9	0	0	0	0	0.4	12.7	0	8.9	0	0	0	0	3.1

Start Time	Hill Street Southbound				2nd Street Westbound				Hill Street Northbound				2nd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	3	268	33	304	0	22	4	26	17	59	7	83	6	32	102	140	553
08:00 AM	10	256	58	324	0	23	2	25	18	70	9	97	2	28	85	115	561
08:15 AM	5	250	40	295	1	27	10	38	27	65	12	104	6	36	85	127	564
08:30 AM	12	255	33	300	2	21	4	27	17	54	7	78	4	29	89	122	527
Total Volume	30	1029	164	1223	3	93	20	116	79	248	35	362	18	125	361	504	2205
% App. Total	2.5	84.1	13.4		2.6	80.2	17.2		21.8	68.5	9.7		3.6	24.8	71.6		
PHF	.625	.960	.707	.944	.375	.861	.500	.763	.731	.886	.729	.870	.750	.868	.885	.900	.977



Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	07:45 AM				08:15 AM				08:45 AM				08:15 AM			
+0 mins.	3	268	33	304	1	27	10	38	21	64	12	97	6	36	85	127
+15 mins.	10	256	58	324	2	21	4	27	16	56	13	85	4	29	89	122
+30 mins.	5	250	40	295	1	26	2	29	23	66	18	107	4	27	102	133
+45 mins.	12	255	33	300	4	29	10	43	12	81	7	100	5	41	89	135
Total Volume	30	1029	164	1223	8	103	26	137	72	267	50	389	19	133	365	517
% App. Total	2.5	84.1	13.4		5.8	75.2	19		18.5	68.6	12.9		3.7	25.7	70.6	
PHF	.625	.960	.707	.944	.500	.888	.650	.797	.783	.824	.694	.909	.792	.811	.895	.957

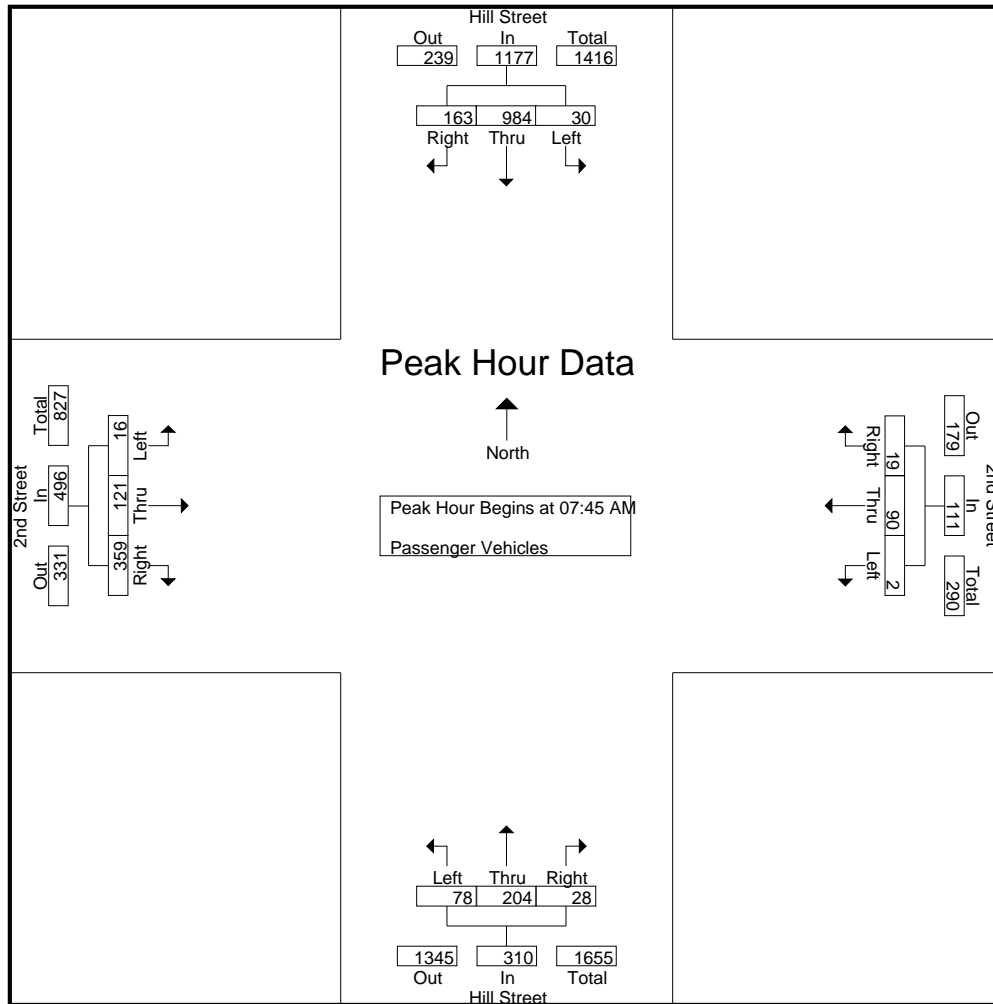
City of Los Angeles
 N/S: Hill Street
 E/W: 2nd Street
 Weather: Clear

File Name : LACHI2nAM
 Site Code : 20217215
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Groups Printed- Passenger Vehicles

Start Time	Hill Street Southbound				2nd Street Westbound				Hill Street Northbound				2nd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	6	249	14	269	1	27	3	31	14	45	0	59	2	18	60	80	439
07:15 AM	5	225	28	258	2	29	3	34	26	51	8	85	0	21	66	87	464
07:30 AM	4	242	29	275	0	22	5	27	21	58	4	83	6	27	57	90	475
07:45 AM	3	257	33	293	0	22	4	26	16	48	4	68	5	31	102	138	525
Total	18	973	104	1095	3	100	15	118	77	202	16	295	13	97	285	395	1903
08:00 AM	10	245	58	313	0	22	2	24	18	59	7	84	2	28	85	115	536
08:15 AM	5	235	40	280	0	26	9	35	27	54	10	91	6	35	84	125	531
08:30 AM	12	247	32	291	2	20	4	26	17	43	7	67	3	27	88	118	502
08:45 AM	6	206	30	242	1	26	2	29	21	58	12	91	3	27	101	131	493
Total	33	933	160	1126	3	94	17	114	83	214	36	333	14	117	358	489	2062
09:00 AM	7	235	29	271	4	28	10	42	16	45	13	74	4	41	88	133	520
09:15 AM	6	247	35	288	0	20	4	24	23	62	18	103	9	37	63	109	524
09:30 AM	9	212	32	253	2	20	3	25	11	69	6	86	3	35	71	109	473
09:45 AM	6	217	20	243	0	18	3	21	21	53	3	77	8	37	69	114	455
Total	28	911	116	1055	6	86	20	112	71	229	40	340	24	150	291	465	1972
Grand Total	79	2817	380	3276	12	280	52	344	231	645	92	968	51	364	934	1349	5937
Apprch %	2.4	86	11.6		3.5	81.4	15.1		23.9	66.6	9.5		3.8	27	69.2		
Total %	1.3	47.4	6.4	55.2	0.2	4.7	0.9	5.8	3.9	10.9	1.5	16.3	0.9	6.1	15.7	22.7	

Start Time	Hill Street Southbound				2nd Street Westbound				Hill Street Northbound				2nd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	3	257	33	293	0	22	4	26	16	48	4	68	5	31	102	138	525
08:00 AM	10	245	58	313	0	22	2	24	18	59	7	84	2	28	85	115	536
08:15 AM	5	235	40	280	0	26	9	35	27	54	10	91	6	35	84	125	531
08:30 AM	12	247	32	291	2	20	4	26	17	43	7	67	3	27	88	118	502
Total Volume	30	984	163	1177	2	90	19	111	78	204	28	310	16	121	359	496	2094
% App. Total	2.5	83.6	13.8		1.8	81.1	17.1		25.2	65.8	9		3.2	24.4	72.4		
PHF	.625	.957	.703	.940	.250	.865	.528	.793	.722	.864	.700	.852	.667	.864	.880	.899	.977



Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	07:45 AM				07:45 AM				07:45 AM				07:45 AM			
+0 mins.	3	257	33	293	0	22	4	26	16	48	4	68	5	31	102	138
+15 mins.	10	245	58	313	0	22	2	24	18	59	7	84	2	28	85	115
+30 mins.	5	235	40	280	0	26	9	35	27	54	10	91	6	35	84	125
+45 mins.	12	247	32	291	2	20	4	26	17	43	7	67	3	27	88	118
Total Volume	30	984	163	1177	2	90	19	111	78	204	28	310	16	121	359	496
% App. Total	2.5	83.6	13.8		1.8	81.1	17.1		25.2	65.8	9		3.2	24.4	72.4	
PHF	.625	.957	.703	.940	.250	.865	.528	.793	.722	.864	.700	.852	.667	.864	.880	.899

City of Los Angeles
 N/S: Hill Street
 E/W: 2nd Street
 Weather: Clear

File Name : LACHI2nAM
 Site Code : 20217215
 Start Date : 4/6/2017
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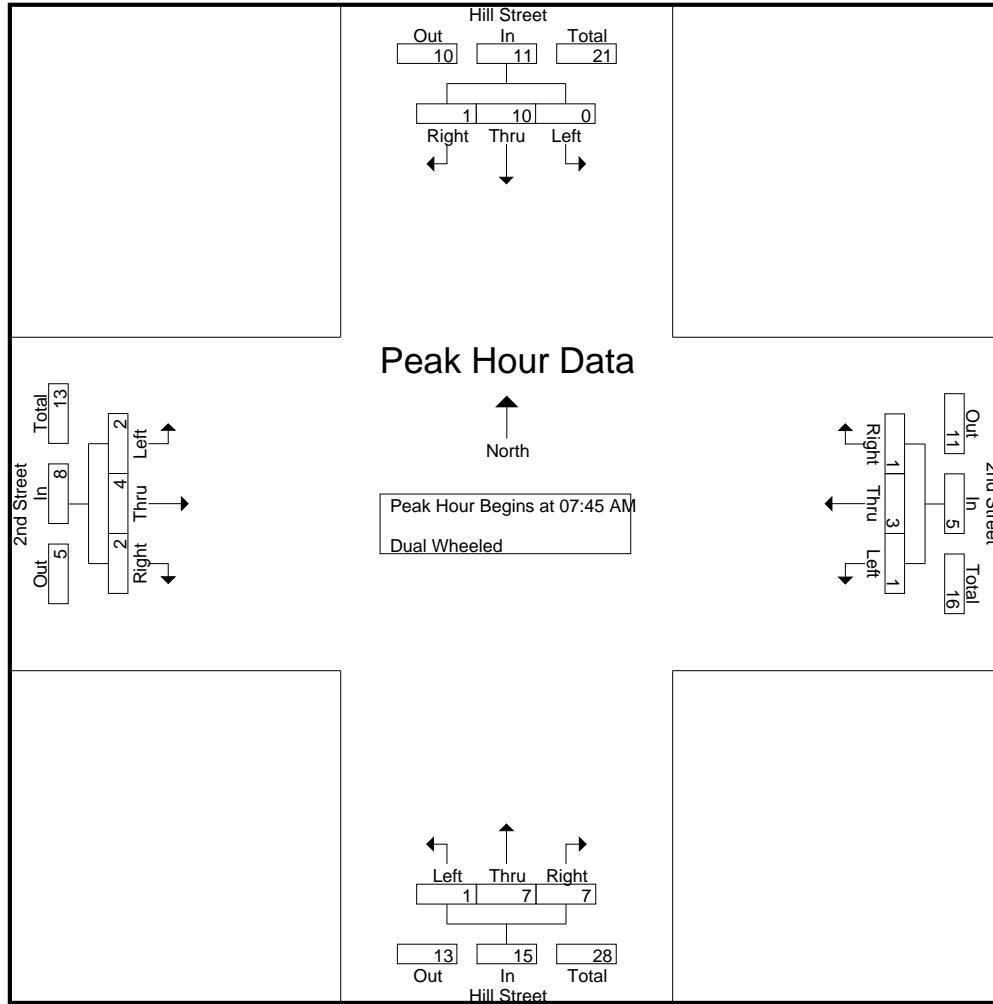
Groups Printed- Dual Wheeled

Start Time	Hill Street Southbound				2nd Street Westbound				Hill Street Northbound				2nd Street Eastbound				Int. Total	
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total		
07:00 AM	0	3	0	3	0	1	0	1	0	0	0	0	0	0	0	1	1	5
07:15 AM	0	3	0	3	0	1	0	1	0	0	1	1	0	1	0	1	1	6
07:30 AM	0	0	0	0	0	2	0	2	1	1	0	2	0	1	1	2	2	6
07:45 AM	0	4	0	4	0	0	0	0	1	2	3	6	1	1	0	2	2	12
Total	0	10	0	10	0	4	0	4	2	3	4	9	1	3	2	6	29	
08:00 AM	0	1	0	1	0	1	0	1	0	3	2	5	0	0	0	0	0	7
08:15 AM	0	5	0	5	1	1	1	3	0	0	2	2	0	1	1	2	2	12
08:30 AM	0	0	1	1	0	1	0	1	0	2	0	2	1	2	1	4	4	8
08:45 AM	0	2	0	2	0	0	0	0	0	1	0	1	1	0	1	2	2	5
Total	0	8	1	9	1	3	1	5	0	6	4	10	2	3	3	8	32	
09:00 AM	0	1	0	1	0	1	0	1	0	4	0	4	1	0	1	2	2	8
09:15 AM	0	2	0	2	0	0	0	0	0	1	0	1	0	3	1	4	4	7
09:30 AM	0	2	0	2	0	2	2	4	1	2	1	4	0	1	1	2	2	12
09:45 AM	2	2	0	4	0	1	0	1	0	0	0	0	0	2	0	2	2	7
Total	2	7	0	9	0	4	2	6	1	7	1	9	1	6	3	10	34	
Grand Total	2	25	1	28	1	11	3	15	3	16	9	28	4	12	8	24	95	
Apprch %	7.1	89.3	3.6		6.7	73.3	20		10.7	57.1	32.1		16.7	50	33.3			
Total %	2.1	26.3	1.1	29.5	1.1	11.6	3.2	15.8	3.2	16.8	9.5	29.5	4.2	12.6	8.4	25.3		

Start Time	Hill Street Southbound				2nd Street Westbound				Hill Street Northbound				2nd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	0	4	0	4	0	0	0	0	1	2	3	6	1	1	0	2	12
08:00 AM	0	1	0	1	0	1	0	1	0	3	2	5	0	0	0	0	7
08:15 AM	0	5	0	5	1	1	1	3	0	0	2	2	0	1	1	2	12
08:30 AM	0	0	1	1	0	1	0	1	0	2	0	2	1	2	1	4	8
Total Volume	0	10	1	11	1	3	1	5	1	7	7	15	2	4	2	8	39
% App. Total	0	90.9	9.1		20	60	20		6.7	46.7	46.7		25	50	25		
PHF	.000	.500	.250	.550	.250	.750	.250	.417	.250	.583	.583	.625	.500	.500	.500	.500	.813

City of Los Angeles
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Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	07:45 AM				07:45 AM				07:45 AM				07:45 AM			
+0 mins.	0	4	0	4	0	0	0	0	1	2	3	6	1	1	0	2
+15 mins.	0	1	0	1	0	1	0	1	0	3	2	5	0	0	0	0
+30 mins.	0	5	0	5	1	1	1	3	0	0	2	2	0	1	1	2
+45 mins.	0	0	1	1	0	1	0	1	0	2	0	2	1	2	1	4
Total Volume	0	10	1	11	1	3	1	5	1	7	7	15	2	4	2	8
% App. Total	0	90.9	9.1		20	60	20		6.7	46.7	46.7		25	50	25	
PHF	.000	.500	.250	.550	.250	.750	.250	.417	.250	.583	.583	.625	.500	.500	.500	.500

City of Los Angeles
 N/S: Hill Street
 E/W: 2nd Street
 Weather: Clear

File Name : LACHI2nAM
 Site Code : 20217215
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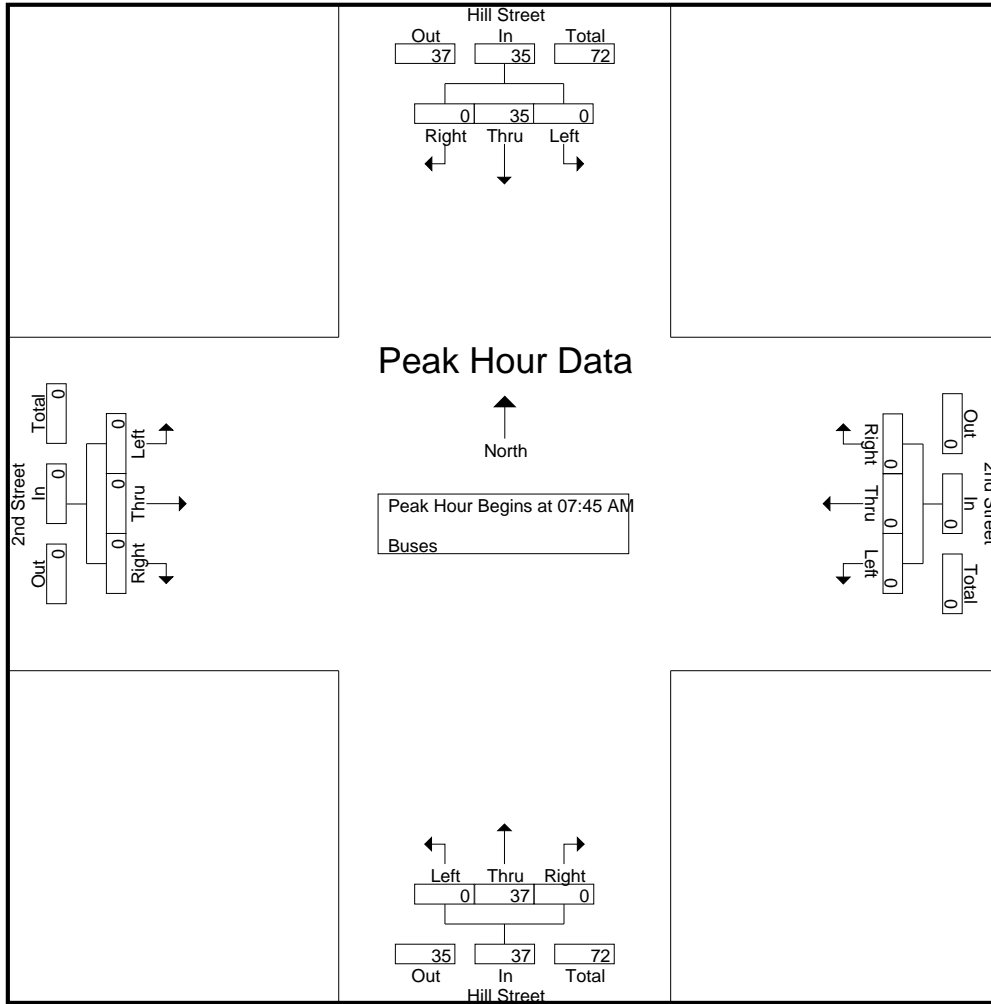
Groups Printed- Buses

Start Time	Hill Street Southbound				2nd Street Westbound				Hill Street Northbound				2nd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	0	8	0	8	0	0	0	0	0	9	0	9	0	0	0	0	17
07:15 AM	0	10	0	10	0	0	0	0	0	10	0	10	0	0	0	0	20
07:30 AM	0	8	0	8	0	0	0	0	0	11	0	11	0	0	0	0	19
07:45 AM	0	7	0	7	0	0	0	0	0	9	0	9	0	0	0	0	16
Total	0	33	0	33	0	0	0	0	0	39	0	39	0	0	0	0	72
08:00 AM	0	10	0	10	0	0	0	0	0	8	0	8	0	0	0	0	18
08:15 AM	0	10	0	10	0	0	0	0	0	11	0	11	0	0	0	0	21
08:30 AM	0	8	0	8	0	0	0	0	0	9	0	9	0	0	0	0	17
08:45 AM	0	10	0	10	0	0	0	0	0	5	0	5	0	0	0	0	15
Total	0	38	0	38	0	0	0	0	0	33	0	33	0	0	0	0	71
09:00 AM	0	5	0	5	0	0	0	0	0	7	0	7	0	0	0	0	12
09:15 AM	0	8	0	8	0	0	0	0	0	3	0	3	0	0	0	0	11
09:30 AM	0	5	0	5	0	0	0	0	0	10	0	10	0	0	0	0	15
09:45 AM	0	8	0	8	0	0	0	0	1	4	0	5	0	0	0	0	13
Total	0	26	0	26	0	0	0	0	1	24	0	25	0	0	0	0	51
Grand Total	0	97	0	97	0	0	0	0	1	96	0	97	0	0	0	0	194
Apprch %	0	100	0		0	0	0		1	99	0		0	0	0		
Total %	0	50	0	50	0	0	0	0	0.5	49.5	0	50	0	0	0	0	

Start Time	Hill Street Southbound				2nd Street Westbound				Hill Street Northbound				2nd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	0	7	0	7	0	0	0	0	0	9	0	9	0	0	0	0	16
08:00 AM	0	10	0	10	0	0	0	0	0	8	0	8	0	0	0	0	18
08:15 AM	0	10	0	10	0	0	0	0	0	11	0	11	0	0	0	0	21
08:30 AM	0	8	0	8	0	0	0	0	0	9	0	9	0	0	0	0	17
Total Volume	0	35	0	35	0	0	0	0	0	37	0	37	0	0	0	0	72
% App. Total	0	100	0		0	0	0		0	100	0		0	0	0		
PHF	.000	.875	.000	.875	.000	.000	.000	.000	.000	.841	.000	.841	.000	.000	.000	.000	.857

City of Los Angeles
 N/S: Hill Street
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 Weather: Clear

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Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	07:45 AM				07:45 AM				07:45 AM				07:45 AM			
+0 mins.	0	7	0	7	0	0	0	0	0	9	0	9	0	0	0	0
+15 mins.	0	10	0	10	0	0	0	0	0	8	0	8	0	0	0	0
+30 mins.	0	10	0	10	0	0	0	0	0	11	0	11	0	0	0	0
+45 mins.	0	8	0	8	0	0	0	0	0	9	0	9	0	0	0	0
Total Volume	0	35	0	35	0	0	0	0	0	37	0	37	0	0	0	0
% App. Total	0	100	0		0	0	0	0	0	100	0		0	0	0	0
PHF	.000	.875	.000	.875	.000	.000	.000	.000	.000	.841	.000	.841	.000	.000	.000	.000

City of Los Angeles
 N/S: Hill Street
 E/W: 2nd Street
 Weather: Clear

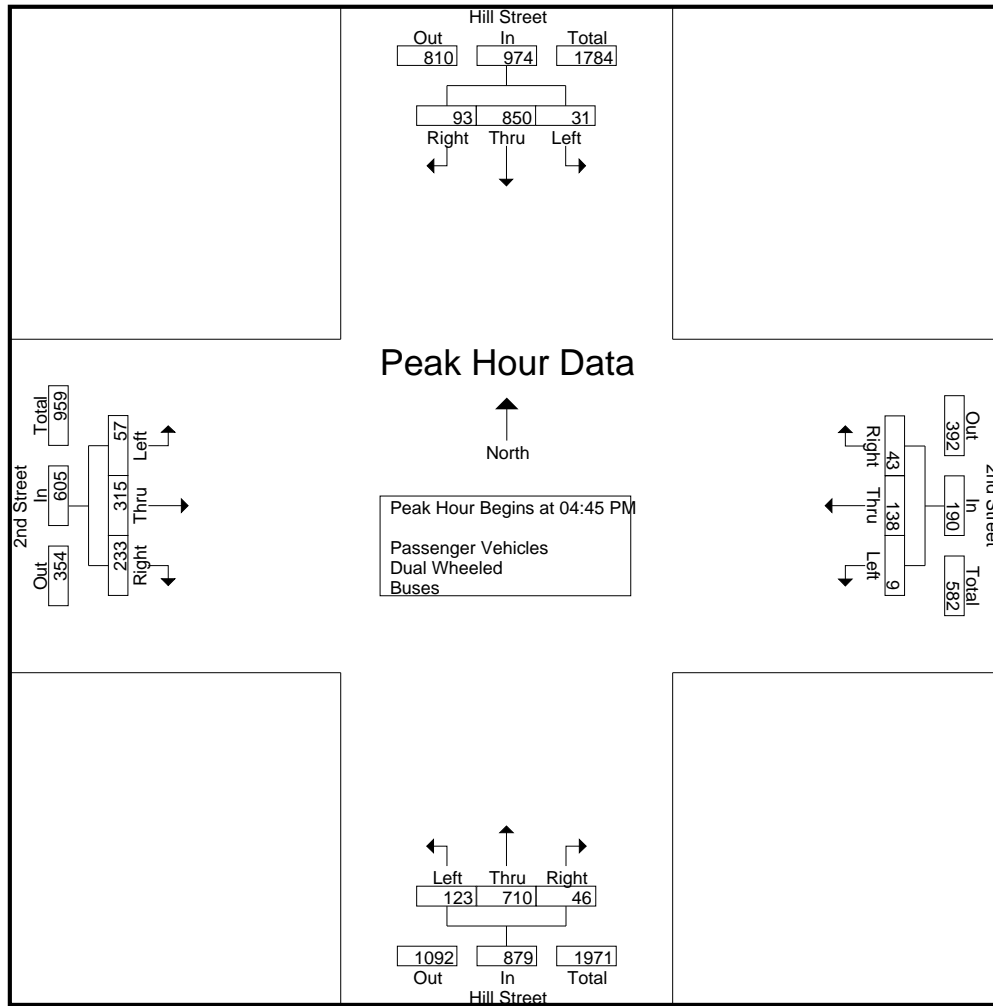
File Name : LACHI2nPM
 Site Code : 20217215
 Start Date : 4/6/2017
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Groups Printed- Passenger Vehicles - Dual Wheeled - Buses

Start Time	Hill Street Southbound				2nd Street Westbound				Hill Street Northbound				2nd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
03:00 PM	8	226	12	246	0	23	6	29	15	111	22	148	13	46	42	101	524
03:15 PM	4	179	9	192	1	25	8	34	25	127	16	168	5	51	39	95	489
03:30 PM	6	236	11	253	1	23	4	28	16	116	8	140	17	43	62	122	543
03:45 PM	2	208	11	221	0	17	4	21	22	149	12	183	19	76	63	158	583
Total	20	849	43	912	2	88	22	112	78	503	58	639	54	216	206	476	2139
04:00 PM	3	208	10	221	2	10	5	17	20	144	20	184	15	57	54	126	548
04:15 PM	2	221	11	234	1	22	8	31	22	159	7	188	18	83	50	151	604
04:30 PM	2	228	15	245	0	22	10	32	35	141	13	189	12	85	55	152	618
04:45 PM	1	237	28	266	2	24	13	39	21	159	12	192	11	88	52	151	648
Total	8	894	64	966	5	78	36	119	98	603	52	753	56	313	211	580	2418
05:00 PM	9	226	26	261	1	34	8	43	32	181	6	219	12	80	53	145	668
05:15 PM	13	179	22	214	2	44	14	60	35	201	16	252	14	82	62	158	684
05:30 PM	8	208	17	233	4	36	8	48	35	169	12	216	20	65	66	151	648
05:45 PM	4	172	16	192	1	43	14	58	41	165	7	213	8	83	60	151	614
Total	34	785	81	900	8	157	44	209	143	716	41	900	54	310	241	605	2614
Grand Total	62	2528	188	2778	15	323	102	440	319	1822	151	2292	164	839	658	1661	7171
Apprch %	2.2	91	6.8		3.4	73.4	23.2		13.9	79.5	6.6		9.9	50.5	39.6		
Total %	0.9	35.3	2.6	38.7	0.2	4.5	1.4	6.1	4.4	25.4	2.1	32	2.3	11.7	9.2	23.2	
Passenger Vehicles	62	2396	186	2644	15	318	100	433	315	1701	145	2161	158	826	649	1633	6871
% Passenger Vehicles	100	94.8	98.9	95.2	100	98.5	98	98.4	98.7	93.4	96	94.3	96.3	98.5	98.6	98.3	95.8
Dual Wheeled	0	31	1	32	0	5	2	7	3	17	4	24	5	11	9	25	88
% Dual Wheeled	0	1.2	0.5	1.2	0	1.5	2	1.6	0.9	0.9	2.6	1	3	1.3	1.4	1.5	1.2
Buses	0	101	1	102	0	0	0	0	1	104	2	107	1	2	0	3	212
% Buses	0	4	0.5	3.7	0	0	0	0	0.3	5.7	1.3	4.7	0.6	0.2	0	0.2	3

Start Time	Hill Street Southbound				2nd Street Westbound				Hill Street Northbound				2nd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
04:45 PM	1	237	28	266	2	24	13	39	21	159	12	192	11	88	52	151	648
05:00 PM	9	226	26	261	1	34	8	43	32	181	6	219	12	80	53	145	668
05:15 PM	13	179	22	214	2	44	14	60	35	201	16	252	14	82	62	158	684
05:30 PM	8	208	17	233	4	36	8	48	35	169	12	216	20	65	66	151	648
Total Volume	31	850	93	974	9	138	43	190	123	710	46	879	57	315	233	605	2648
% App. Total	3.2	87.3	9.5		4.7	72.6	22.6		14	80.8	5.2		9.4	52.1	38.5		
PHF	.596	.897	.830	.915	.563	.784	.768	.792	.879	.883	.719	.872	.713	.895	.883	.957	.968

Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1
 Peak Hour for Entire Intersection Begins at 04:45 PM



Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	04:15 PM				05:00 PM				05:00 PM				04:30 PM			
+0 mins.	2	221	11	234	1	34	8	43	32	181	6	219	12	85	55	152
+15 mins.	2	228	15	245	2	44	14	60	35	201	16	252	11	88	52	151
+30 mins.	1	237	28	266	4	36	8	48	35	169	12	216	12	80	53	145
+45 mins.	9	226	26	261	1	43	14	58	41	165	7	213	14	82	62	158
Total Volume	14	912	80	1006	8	157	44	209	143	716	41	900	49	335	222	606
% App. Total	1.4	90.7	8		3.8	75.1	21.1		15.9	79.6	4.6		8.1	55.3	36.6	
PHF	.389	.962	.714	.945	.500	.892	.786	.871	.872	.891	.641	.893	.875	.952	.895	.959

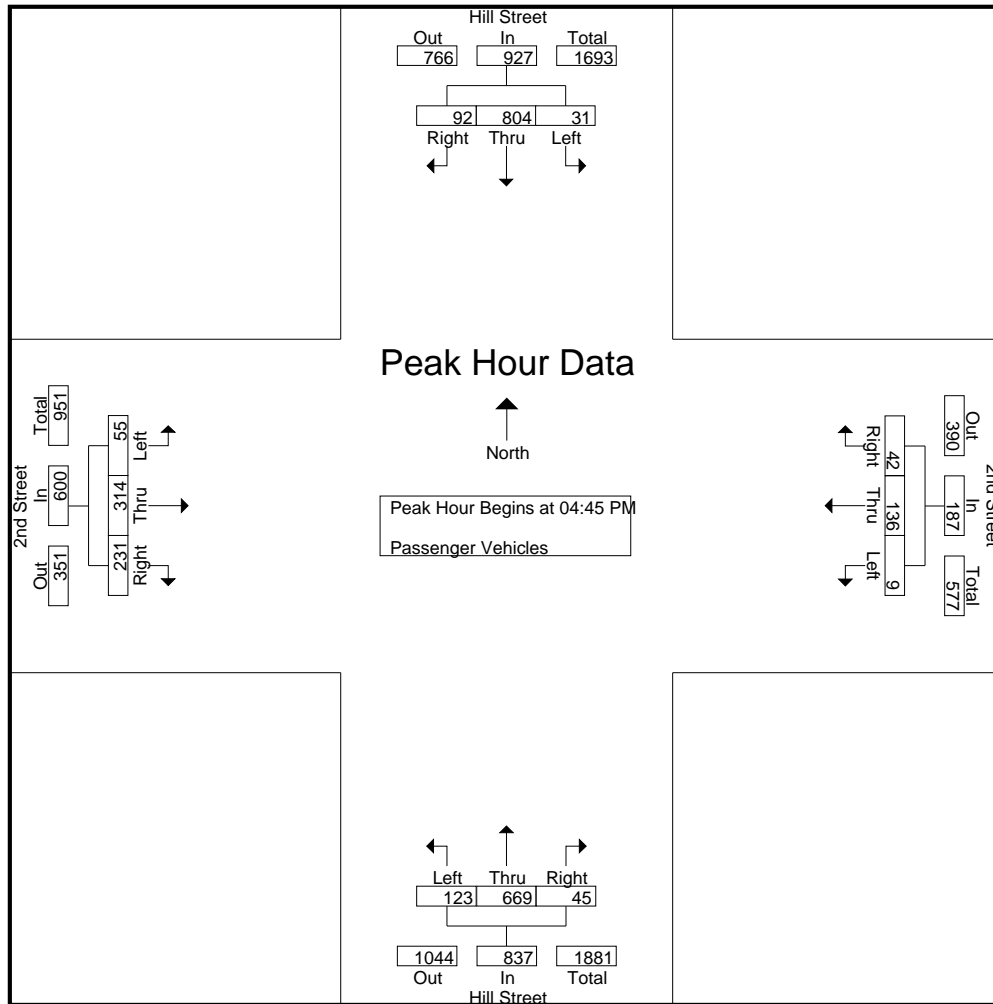
City of Los Angeles
 N/S: Hill Street
 E/W: 2nd Street
 Weather: Clear

File Name : LACHI2nPM
 Site Code : 20217215
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Groups Printed- Passenger Vehicles

Start Time	Hill Street Southbound				2nd Street Westbound				Hill Street Northbound				2nd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
03:00 PM	8	218	11	237	0	23	6	29	14	101	22	137	13	46	40	99	502
03:15 PM	4	170	9	183	1	24	8	33	24	119	16	159	5	50	39	94	469
03:30 PM	6	223	11	240	1	23	3	27	16	107	7	130	15	39	59	113	510
03:45 PM	2	196	11	209	0	15	4	19	21	141	12	174	18	74	61	153	555
Total	20	807	42	869	2	85	21	108	75	468	57	600	51	209	199	459	2036
04:00 PM	3	199	10	212	2	10	5	17	20	131	18	169	15	56	54	125	523
04:15 PM	2	209	11	222	1	22	8	31	22	146	7	175	17	82	50	149	577
04:30 PM	2	212	15	229	0	22	10	32	34	133	11	178	12	83	55	150	589
04:45 PM	1	225	28	254	2	24	13	39	21	148	12	181	10	88	51	149	623
Total	8	845	64	917	5	78	36	119	97	558	48	703	54	309	210	573	2312
05:00 PM	9	214	26	249	1	33	8	42	32	171	5	208	12	80	52	144	643
05:15 PM	13	167	22	202	2	43	13	58	35	188	16	239	14	82	62	158	657
05:30 PM	8	198	16	222	4	36	8	48	35	162	12	209	19	64	66	149	628
05:45 PM	4	165	16	185	1	43	14	58	41	154	7	202	8	82	60	150	595
Total	34	744	80	858	8	155	43	206	143	675	40	858	53	308	240	601	2523
Grand Total	62	2396	186	2644	15	318	100	433	315	1701	145	2161	158	826	649	1633	6871
Apprch %	2.3	90.6	7		3.5	73.4	23.1		14.6	78.7	6.7		9.7	50.6	39.7		
Total %	0.9	34.9	2.7	38.5	0.2	4.6	1.5	6.3	4.6	24.8	2.1	31.5	2.3	12	9.4	23.8	

Start Time	Hill Street Southbound				2nd Street Westbound				Hill Street Northbound				2nd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	1	225	28	254	2	24	13	39	21	148	12	181	10	88	51	149	623
05:00 PM	9	214	26	249	1	33	8	42	32	171	5	208	12	80	52	144	643
05:15 PM	13	167	22	202	2	43	13	58	35	188	16	239	14	82	62	158	657
05:30 PM	8	198	16	222	4	36	8	48	35	162	12	209	19	64	66	149	628
Total Volume	31	804	92	927	9	136	42	187	123	669	45	837	55	314	231	600	2551
% App. Total	3.3	86.7	9.9		4.8	72.7	22.5		14.7	79.9	5.4		9.2	52.3	38.5		
PHF	.596	.893	.821	.912	.563	.791	.808	.806	.879	.890	.703	.876	.724	.892	.875	.949	.971



Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	04:45 PM				04:45 PM				04:45 PM				04:45 PM			
+0 mins.	1	225	28	254	2	24	13	39	21	148	12	181	10	88	51	149
+15 mins.	9	214	26	249	1	33	8	42	32	171	5	208	12	80	52	144
+30 mins.	13	167	22	202	2	43	13	58	35	188	16	239	14	82	62	158
+45 mins.	8	198	16	222	4	36	8	48	35	162	12	209	19	64	66	149
Total Volume	31	804	92	927	9	136	42	187	123	669	45	837	55	314	231	600
% App. Total	3.3	86.7	9.9		4.8	72.7	22.5		14.7	79.9	5.4		9.2	52.3	38.5	
PHF	.596	.893	.821	.912	.563	.791	.808	.806	.879	.890	.703	.876	.724	.892	.875	.949

City of Los Angeles
 N/S: Hill Street
 E/W: 2nd Street
 Weather: Clear

File Name : LACHI2nPM
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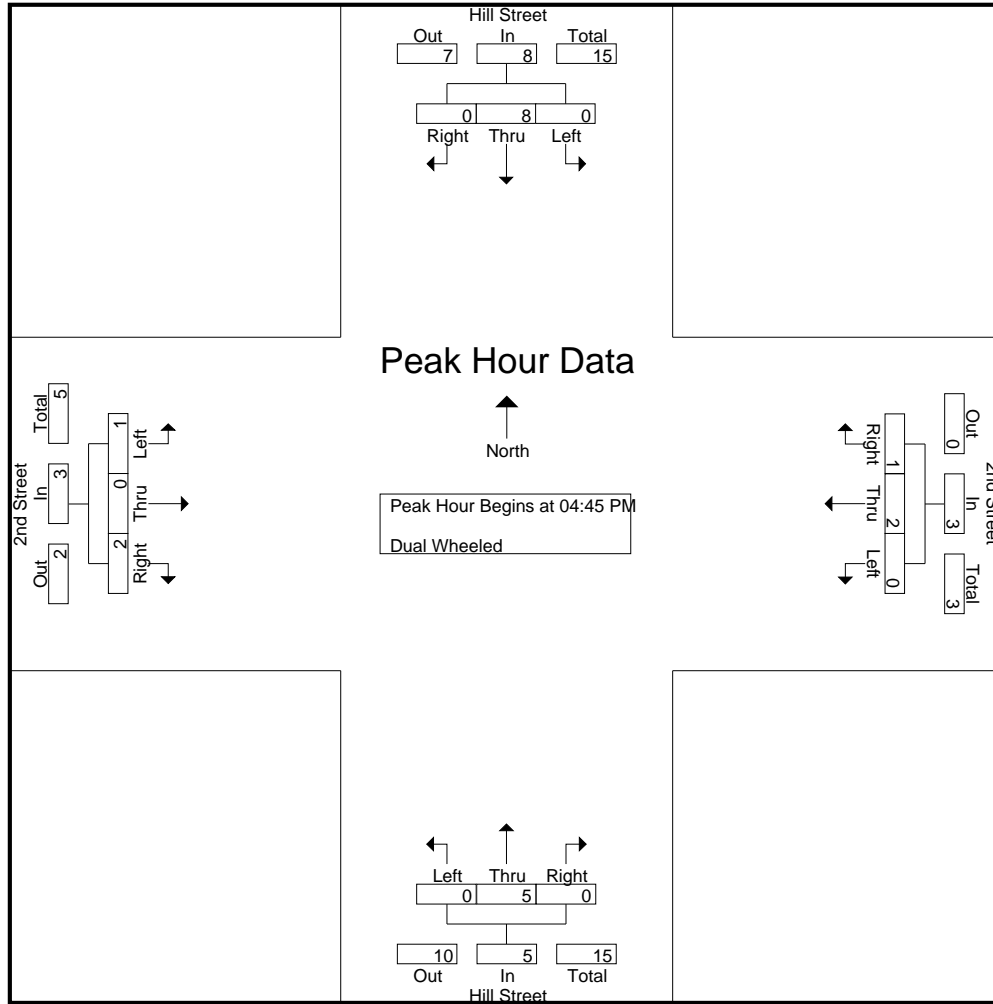
Groups Printed- Dual Wheeled

Start Time	Hill Street Southbound				2nd Street Westbound				Hill Street Northbound				2nd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
03:00 PM	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2	2	3
03:15 PM	0	4	0	4	0	1	0	1	1	0	0	1	0	1	0	1	7
03:30 PM	0	5	0	5	0	0	1	1	0	3	1	4	2	3	3	8	18
03:45 PM	0	4	0	4	0	2	0	2	1	2	0	3	1	2	2	5	14
Total	0	13	1	14	0	3	1	4	2	5	1	8	3	6	7	16	42
04:00 PM	0	2	0	2	0	0	0	0	0	1	2	3	0	1	0	1	6
04:15 PM	0	2	0	2	0	0	0	0	0	4	0	4	1	1	0	2	8
04:30 PM	0	5	0	5	0	0	0	0	1	1	1	3	0	2	0	2	10
04:45 PM	0	3	0	3	0	0	0	0	0	0	0	0	0	0	1	1	4
Total	0	12	0	12	0	0	0	0	1	6	3	10	1	4	1	6	28
05:00 PM	0	2	0	2	0	1	0	1	0	2	0	2	0	0	1	1	6
05:15 PM	0	1	0	1	0	1	1	2	0	2	0	2	0	0	0	0	5
05:30 PM	0	2	0	2	0	0	0	0	0	1	0	1	1	0	0	1	4
05:45 PM	0	1	0	1	0	0	0	0	0	1	0	1	0	1	0	1	3
Total	0	6	0	6	0	2	1	3	0	6	0	6	1	1	1	3	18
Grand Total	0	31	1	32	0	5	2	7	3	17	4	24	5	11	9	25	88
Apprch %	0	96.9	3.1		0	71.4	28.6		12.5	70.8	16.7		20	44	36		
Total %	0	35.2	1.1	36.4	0	5.7	2.3	8	3.4	19.3	4.5	27.3	5.7	12.5	10.2	28.4	

Start Time	Hill Street Southbound				2nd Street Westbound				Hill Street Northbound				2nd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	0	3	0	3	0	0	0	0	0	0	0	0	0	0	1	1	4
05:00 PM	0	2	0	2	0	1	0	1	0	2	0	2	0	0	1	1	6
05:15 PM	0	1	0	1	0	1	1	2	0	2	0	2	0	0	0	0	5
05:30 PM	0	2	0	2	0	0	0	0	0	1	0	1	1	0	0	1	4
Total Volume	0	8	0	8	0	2	1	3	0	5	0	5	1	0	2	3	19
% App. Total	0	100	0		0	66.7	33.3		0	100	0		33.3	0	66.7		
PHF	.000	.667	.000	.667	.000	.500	.250	.375	.000	.625	.000	.625	.250	.000	.500	.750	.792

City of Los Angeles
 N/S: Hill Street
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Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	04:45 PM				04:45 PM				04:45 PM				04:45 PM			
+0 mins.	0	3	0	3	0	0	0	0	0	0	0	0	0	0	1	1
+15 mins.	0	2	0	2	0	1	0	1	0	2	0	2	0	0	1	1
+30 mins.	0	1	0	1	0	1	1	2	0	2	0	2	0	0	0	0
+45 mins.	0	2	0	2	0	0	0	0	0	1	0	1	1	0	0	1
Total Volume	0	8	0	8	0	2	1	3	0	5	0	5	1	0	2	3
% App. Total	0	100	0		0	66.7	33.3		0	100	0		33.3	0	66.7	
PHF	.000	.667	.000	.667	.000	.500	.250	.375	.000	.625	.000	.625	.250	.000	.500	.750

City of Los Angeles
 N/S: Hill Street
 E/W: 2nd Street
 Weather: Clear

File Name : LACHI2nPM
 Site Code : 20217215
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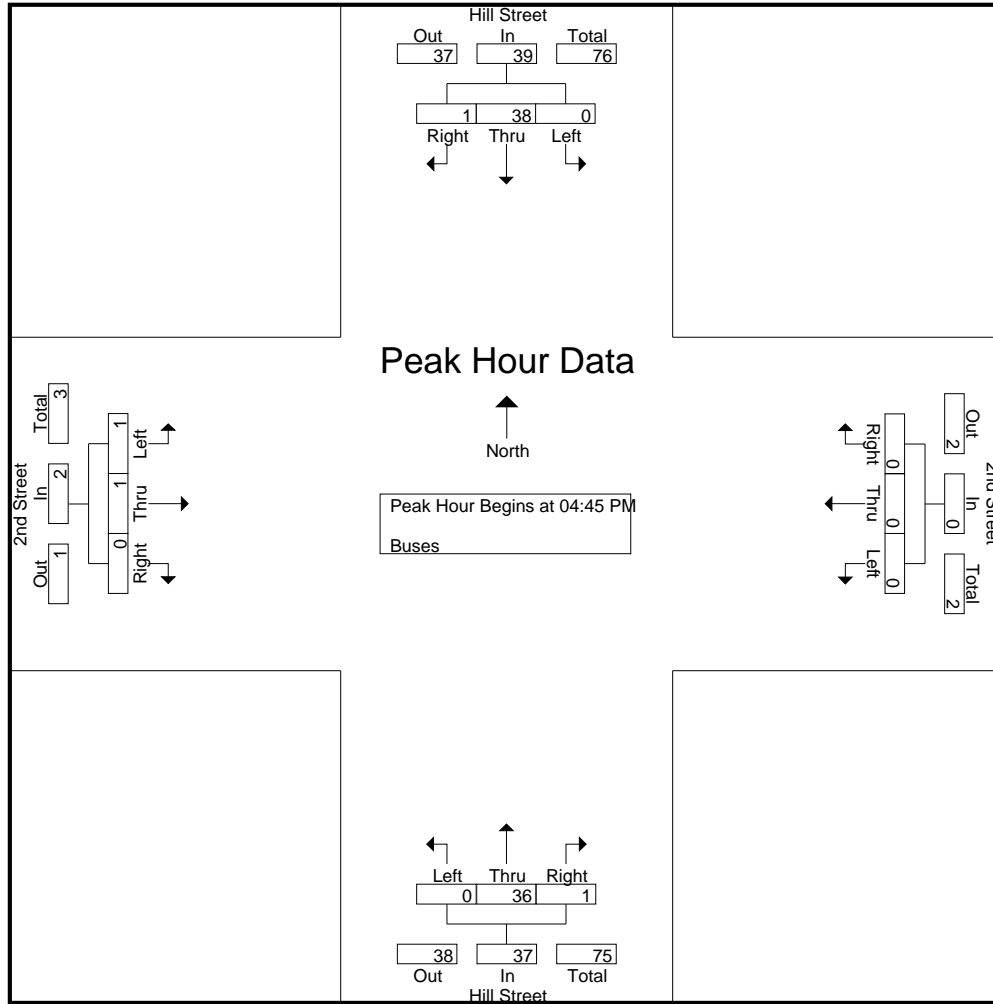
Groups Printed- Buses

Start Time	Hill Street Southbound				2nd Street Westbound				Hill Street Northbound				2nd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
03:00 PM	0	8	0	8	0	0	0	0	1	10	0	11	0	0	0	0	19
03:15 PM	0	5	0	5	0	0	0	0	0	8	0	8	0	0	0	0	13
03:30 PM	0	8	0	8	0	0	0	0	0	6	0	6	0	1	0	1	15
03:45 PM	0	8	0	8	0	0	0	0	0	6	0	6	0	0	0	0	14
Total	0	29	0	29	0	0	0	0	1	30	0	31	0	1	0	1	61
04:00 PM	0	7	0	7	0	0	0	0	0	12	0	12	0	0	0	0	19
04:15 PM	0	10	0	10	0	0	0	0	0	9	0	9	0	0	0	0	19
04:30 PM	0	11	0	11	0	0	0	0	0	7	1	8	0	0	0	0	19
04:45 PM	0	9	0	9	0	0	0	0	0	11	0	11	1	0	0	1	21
Total	0	37	0	37	0	0	0	0	0	39	1	40	1	0	0	1	78
05:00 PM	0	10	0	10	0	0	0	0	0	8	1	9	0	0	0	0	19
05:15 PM	0	11	0	11	0	0	0	0	0	11	0	11	0	0	0	0	22
05:30 PM	0	8	1	9	0	0	0	0	0	6	0	6	0	1	0	1	16
05:45 PM	0	6	0	6	0	0	0	0	0	10	0	10	0	0	0	0	16
Total	0	35	1	36	0	0	0	0	0	35	1	36	0	1	0	1	73
Grand Total	0	101	1	102	0	0	0	0	1	104	2	107	1	2	0	3	212
Apprch %	0	99	1		0	0	0		0.9	97.2	1.9		33.3	66.7	0		
Total %	0	47.6	0.5	48.1	0	0	0	0	0.5	49.1	0.9	50.5	0.5	0.9	0	1.4	

Start Time	Hill Street Southbound				2nd Street Westbound				Hill Street Northbound				2nd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	0	9	0	9	0	0	0	0	0	11	0	11	1	0	0	1	21
05:00 PM	0	10	0	10	0	0	0	0	0	8	1	9	0	0	0	0	19
05:15 PM	0	11	0	11	0	0	0	0	0	11	0	11	0	0	0	0	22
05:30 PM	0	8	1	9	0	0	0	0	0	6	0	6	0	1	0	1	16
Total Volume	0	38	1	39	0	0	0	0	0	36	1	37	1	1	0	2	78
% App. Total	0	97.4	2.6		0	0	0		0	97.3	2.7		50	50	0		
PHF	.000	.864	.250	.886	.000	.000	.000	.000	.000	.818	.250	.841	.250	.250	.000	.500	.886

City of Los Angeles
 N/S: Hill Street
 E/W: 2nd Street
 Weather: Clear

File Name : LACHI2nPM
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Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	04:45 PM				04:45 PM				04:45 PM				04:45 PM			
+0 mins.	0	9	0	9	0	0	0	0	0	11	0	11	1	0	0	1
+15 mins.	0	10	0	10	0	0	0	0	0	8	1	9	0	0	0	0
+30 mins.	0	11	0	11	0	0	0	0	0	11	0	11	0	0	0	0
+45 mins.	0	8	1	9	0	0	0	0	0	6	0	6	0	1	0	1
Total Volume	0	38	1	39	0	0	0	0	0	36	1	37	1	1	0	2
% App. Total	0	97.4	2.6		0	0	0	0	0	97.3	2.7		50	50	0	
PHF	.000	.864	.250	.886	.000	.000	.000	.000	.000	.818	.250	.841	.250	.250	.000	.500

City of Los Angeles
 N/S: Broadway
 E/W: 2nd Street
 Weather: Clear

File Name : LACBR2nAM
 Site Code : 20217215
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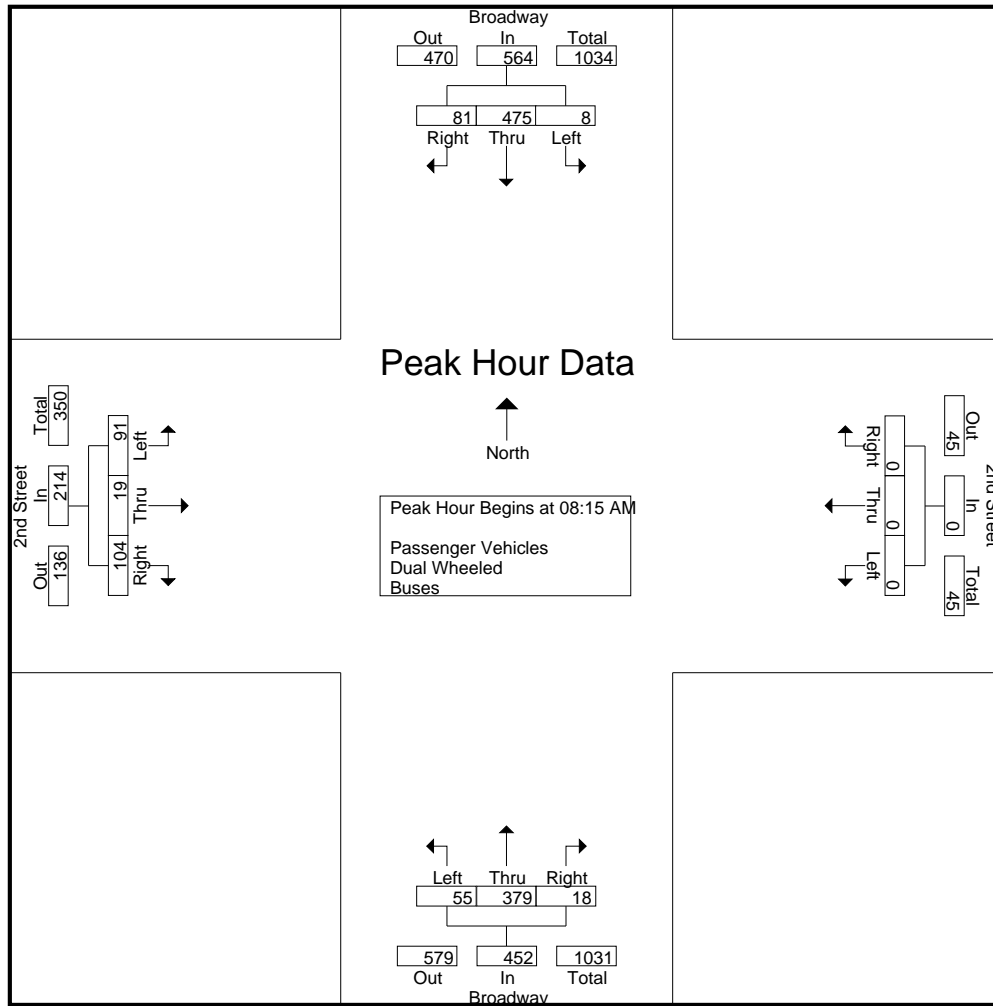
Groups Printed- Passenger Vehicles - Dual Wheeled - Buses

Start Time	Broadway Southbound				2nd Street Westbound				Broadway Northbound				2nd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	2	77	19	98	0	0	0	0	13	56	3	72	7	4	13	24	194
07:15 AM	1	87	10	98	0	0	0	0	22	68	2	92	12	4	11	27	217
07:30 AM	0	94	11	105	0	0	0	0	16	82	3	101	13	2	20	35	241
07:45 AM	0	76	7	83	0	0	0	0	20	91	3	114	25	3	11	39	236
Total	3	334	47	384	0	0	0	0	71	297	11	379	57	13	55	125	888
08:00 AM	1	105	15	121	0	0	0	0	10	100	2	112	14	6	27	47	280
08:15 AM	1	131	23	155	0	0	0	0	18	94	3	115	22	3	28	53	323
08:30 AM	1	124	15	140	0	0	0	0	12	86	6	104	23	7	22	52	296
08:45 AM	2	112	16	130	0	0	0	0	12	102	3	117	17	4	24	45	292
Total	5	472	69	546	0	0	0	0	52	382	14	448	76	20	101	197	1191
09:00 AM	4	108	27	139	0	0	0	0	13	97	6	116	29	5	30	64	319
09:15 AM	1	97	13	111	0	0	0	0	10	84	6	100	16	6	39	61	272
09:30 AM	2	112	14	128	0	0	0	0	18	69	4	91	13	5	27	45	264
09:45 AM	4	110	10	124	0	0	0	0	10	74	3	87	24	5	28	57	268
Total	11	427	64	502	0	0	0	0	51	324	19	394	82	21	124	227	1123
Grand Total	19	1233	180	1432	0	0	0	0	174	1003	44	1221	215	54	280	549	3202
Apprch %	1.3	86.1	12.6		0	0	0		14.3	82.1	3.6		39.2	9.8	51		
Total %	0.6	38.5	5.6	44.7	0	0	0	0	5.4	31.3	1.4	38.1	6.7	1.7	8.7	17.1	
Passenger Vehicles	19	1179	176	1374	0	0	0	0	168	832	44	1044	207	54	271	532	2950
% Passenger Vehicles	100	95.6	97.8	95.9	0	0	0	0	96.6	83	100	85.5	96.3	100	96.8	96.9	92.1
Dual Wheeled	0	47	4	51	0	0	0	0	6	56	0	62	8	0	9	17	130
% Dual Wheeled	0	3.8	2.2	3.6	0	0	0	0	3.4	5.6	0	5.1	3.7	0	3.2	3.1	4.1
Buses	0	7	0	7	0	0	0	0	0	115	0	115	0	0	0	0	122
% Buses	0	0.6	0	0.5	0	0	0	0	0	11.5	0	9.4	0	0	0	0	3.8

Start Time	Broadway Southbound				2nd Street Westbound				Broadway Northbound				2nd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:15 AM																	
08:15 AM	1	131	23	155	0	0	0	0	18	94	3	115	22	3	28	53	323
08:30 AM	1	124	15	140	0	0	0	0	12	86	6	104	23	7	22	52	296
08:45 AM	2	112	16	130	0	0	0	0	12	102	3	117	17	4	24	45	292
09:00 AM	4	108	27	139	0	0	0	0	13	97	6	116	29	5	30	64	319
Total Volume	8	475	81	564	0	0	0	0	55	379	18	452	91	19	104	214	1230
% App. Total	1.4	84.2	14.4		0	0	0		12.2	83.8	4		42.5	8.9	48.6		
PHF	.500	.906	.750	.910	.000	.000	.000	.000	.764	.929	.750	.966	.784	.679	.867	.836	.952

City of Los Angeles
 N/S: Broadway
 E/W: 2nd Street
 Weather: Clear

File Name : LACBR2nAM
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Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	08:15 AM				07:00 AM				08:15 AM				09:00 AM			
+0 mins.	1	131	23	155	0	0	0	0	18	94	3	115	29	5	30	64
+15 mins.	1	124	15	140	0	0	0	0	12	86	6	104	16	6	39	61
+30 mins.	2	112	16	130	0	0	0	0	12	102	3	117	13	5	27	45
+45 mins.	4	108	27	139	0	0	0	0	13	97	6	116	24	5	28	57
Total Volume	8	475	81	564	0	0	0	0	55	379	18	452	82	21	124	227
% App. Total	1.4	84.2	14.4		0	0	0	0	12.2	83.8	4		36.1	9.3	54.6	
PHF	.500	.906	.750	.910	.000	.000	.000	.000	.764	.929	.750	.966	.707	.875	.795	.887

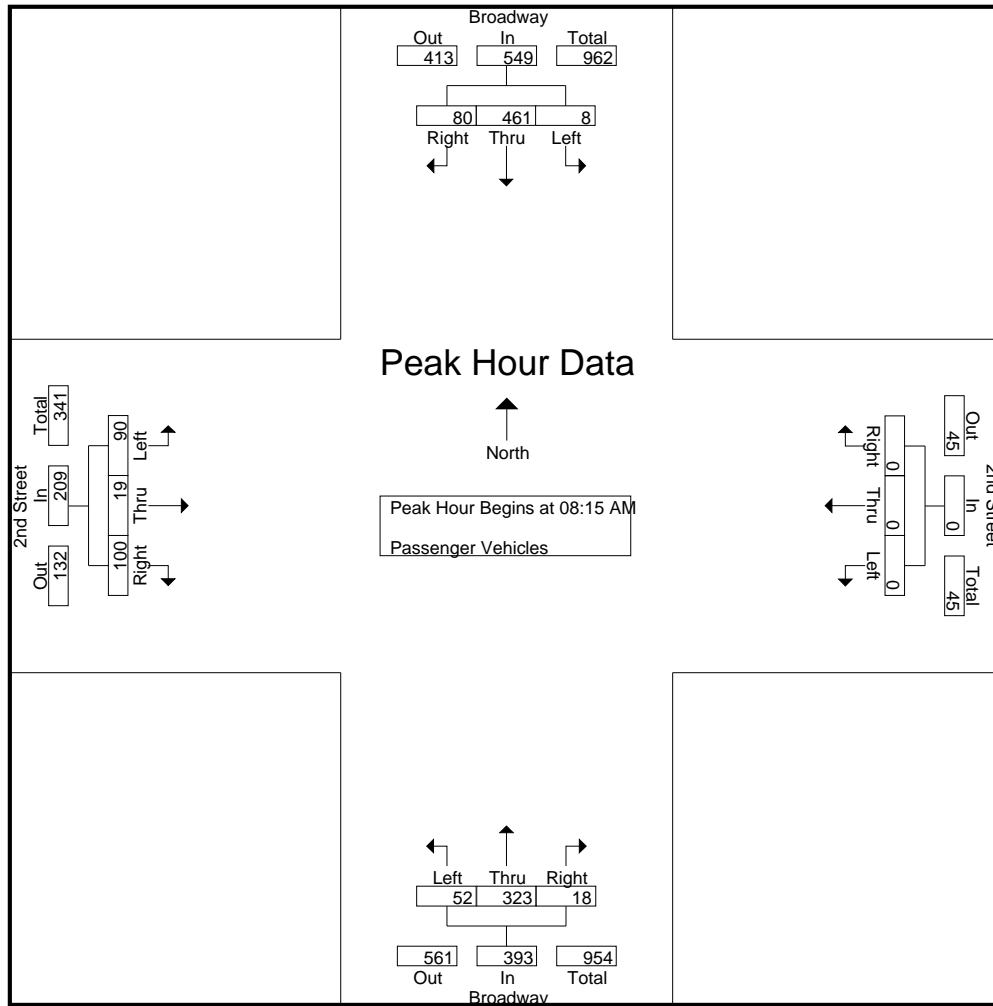
City of Los Angeles
 N/S: Broadway
 E/W: 2nd Street
 Weather: Clear

File Name : LACBR2nAM
 Site Code : 20217215
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Groups Printed- Passenger Vehicles

Start Time	Broadway Southbound				2nd Street Westbound				Broadway Northbound				2nd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	2	69	19	90	0	0	0	0	13	38	3	54	7	4	13	24	168
07:15 AM	1	81	10	92	0	0	0	0	21	54	2	77	11	4	11	26	195
07:30 AM	0	87	10	97	0	0	0	0	15	63	3	81	13	2	20	35	213
07:45 AM	0	73	7	80	0	0	0	0	20	70	3	93	23	3	10	36	209
Total	3	310	46	359	0	0	0	0	69	225	11	305	54	13	54	121	785
08:00 AM	1	104	15	120	0	0	0	0	10	85	2	97	14	6	26	46	263
08:15 AM	1	125	23	149	0	0	0	0	16	78	3	97	22	3	25	50	296
08:30 AM	1	122	14	137	0	0	0	0	12	73	6	91	22	7	21	50	278
08:45 AM	2	109	16	127	0	0	0	0	12	90	3	105	17	4	24	45	277
Total	5	460	68	533	0	0	0	0	50	326	14	390	75	20	96	191	1114
09:00 AM	4	105	27	136	0	0	0	0	12	82	6	100	29	5	30	64	300
09:15 AM	1	91	13	105	0	0	0	0	10	75	6	91	15	6	37	58	254
09:30 AM	2	109	12	123	0	0	0	0	18	60	4	82	12	5	27	44	249
09:45 AM	4	104	10	118	0	0	0	0	9	64	3	76	22	5	27	54	248
Total	11	409	62	482	0	0	0	0	49	281	19	349	78	21	121	220	1051
Grand Total	19	1179	176	1374	0	0	0	0	168	832	44	1044	207	54	271	532	2950
Apprch %	1.4	85.8	12.8		0	0	0		16.1	79.7	4.2		38.9	10.2	50.9		
Total %	0.6	40	6	46.6	0	0	0	0	5.7	28.2	1.5	35.4	7	1.8	9.2	18	

Start Time	Broadway Southbound				2nd Street Westbound				Broadway Northbound				2nd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 08:15 AM to 09:00 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:15 AM																	
08:15 AM	1	125	23	149	0	0	0	0	16	78	3	97	22	3	25	50	296
08:30 AM	1	122	14	137	0	0	0	0	12	73	6	91	22	7	21	50	278
08:45 AM	2	109	16	127	0	0	0	0	12	90	3	105	17	4	24	45	277
09:00 AM	4	105	27	136	0	0	0	0	12	82	6	100	29	5	30	64	300
Total Volume	8	461	80	549	0	0	0	0	52	323	18	393	90	19	100	209	1151
% App. Total	1.5	84	14.6		0	0	0		13.2	82.2	4.6		43.1	9.1	47.8		
PHF	.500	.922	.741	.921	.000	.000	.000	.000	.813	.897	.750	.936	.776	.679	.833	.816	.959



Peak Hour Analysis From 08:15 AM to 09:00 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	08:15 AM				08:15 AM				08:15 AM				08:15 AM			
+0 mins.	1	125	23	149	0	0	0	0	16	78	3	97	22	3	25	50
+15 mins.	1	122	14	137	0	0	0	0	12	73	6	91	22	7	21	50
+30 mins.	2	109	16	127	0	0	0	0	12	90	3	105	17	4	24	45
+45 mins.	4	105	27	136	0	0	0	0	12	82	6	100	29	5	30	64
Total Volume	8	461	80	549	0	0	0	0	52	323	18	393	90	19	100	209
% App. Total	1.5	84	14.6		0	0	0	0	13.2	82.2	4.6		43.1	9.1	47.8	
PHF	.500	.922	.741	.921	.000	.000	.000	.000	.813	.897	.750	.936	.776	.679	.833	.816

City of Los Angeles
 N/S: Broadway
 E/W: 2nd Street
 Weather: Clear

File Name : LACBR2nAM
 Site Code : 20217215
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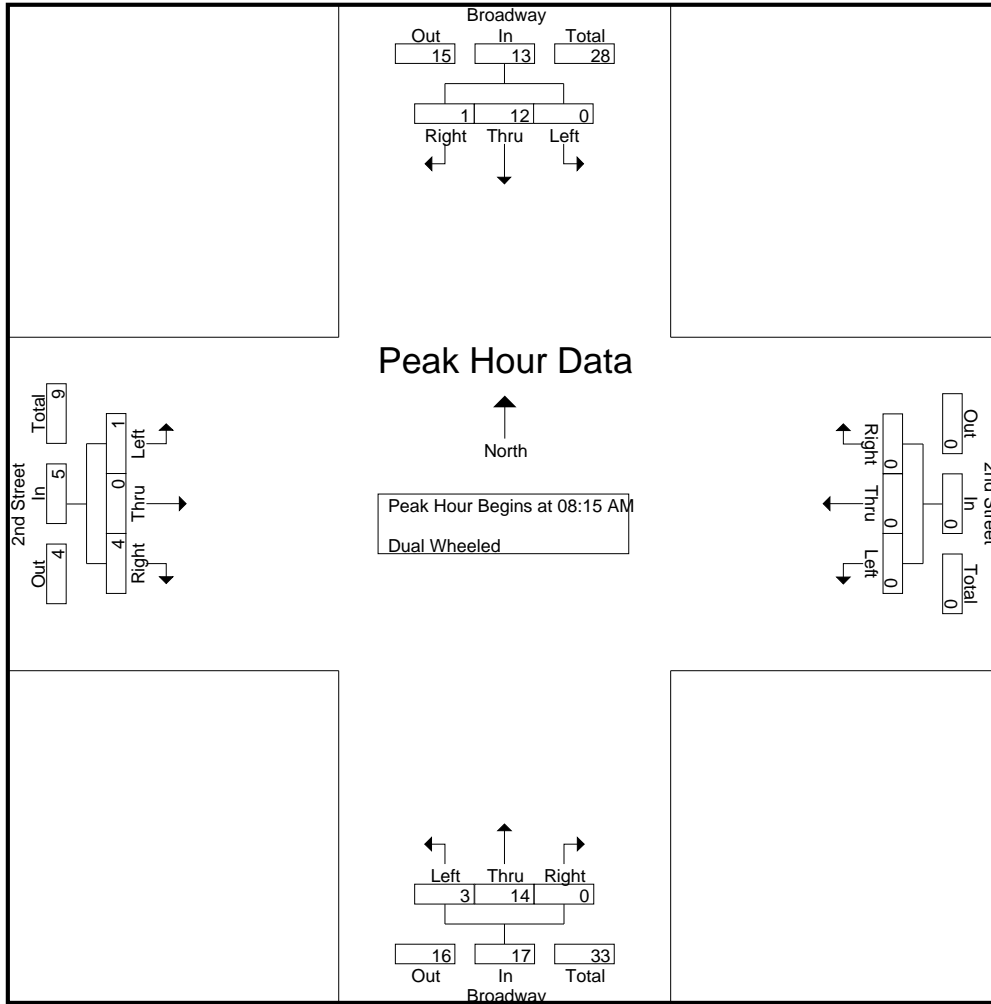
Groups Printed- Dual Wheeled

Start Time	Broadway Southbound				2nd Street Westbound				Broadway Northbound				2nd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	0	7	0	7	0	0	0	0	0	6	0	6	0	0	0	0	13
07:15 AM	0	6	0	6	0	0	0	0	0	1	1	0	2	1	0	0	9
07:30 AM	0	7	1	8	0	0	0	0	0	1	10	0	11	0	0	0	19
07:45 AM	0	3	0	3	0	0	0	0	0	0	11	0	11	2	0	1	17
Total	0	23	1	24	0	0	0	0	0	2	28	0	30	3	0	1	58
08:00 AM	0	0	0	0	0	0	0	0	0	0	6	0	6	0	0	1	7
08:15 AM	0	6	0	6	0	0	0	0	0	2	0	0	2	0	0	3	11
08:30 AM	0	1	1	2	0	0	0	0	0	0	4	0	4	1	0	1	8
08:45 AM	0	2	0	2	0	0	0	0	0	0	4	0	4	0	0	0	6
Total	0	9	1	10	0	0	0	0	0	2	14	0	16	1	0	5	32
09:00 AM	0	3	0	3	0	0	0	0	0	1	6	0	7	0	0	0	10
09:15 AM	0	3	0	3	0	0	0	0	0	0	2	0	2	1	0	2	8
09:30 AM	0	3	2	5	0	0	0	0	0	0	2	0	2	1	0	0	8
09:45 AM	0	6	0	6	0	0	0	0	0	1	4	0	5	2	0	1	14
Total	0	15	2	17	0	0	0	0	0	2	14	0	16	4	0	3	40
Grand Total	0	47	4	51	0	0	0	0	0	6	56	0	62	8	0	9	130
Apprch %	0	92.2	7.8		0	0	0			9.7	90.3	0		47.1	0	52.9	
Total %	0	36.2	3.1	39.2	0	0	0	0	0	4.6	43.1	0	47.7	6.2	0	6.9	13.1

Start Time	Broadway Southbound				2nd Street Westbound				Broadway Northbound				2nd Street Eastbound				Int. Total	
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total		
Peak Hour Analysis From 08:15 AM to 09:00 AM - Peak 1 of 1																		
Peak Hour for Entire Intersection Begins at 08:15 AM																		
08:15 AM	0	6	0	6	0	0	0	0	0	2	0	0	2	0	0	3	3	11
08:30 AM	0	1	1	2	0	0	0	0	0	0	4	0	4	1	0	1	2	8
08:45 AM	0	2	0	2	0	0	0	0	0	0	4	0	4	0	0	0	0	6
09:00 AM	0	3	0	3	0	0	0	0	0	1	6	0	7	0	0	0	0	10
Total Volume	0	12	1	13	0	0	0	0	0	3	14	0	17	1	0	4	5	35
% App. Total	0	92.3	7.7		0	0	0			17.6	82.4	0		20	0	80		
PHF	.000	.500	.250	.542	.000	.000	.000	.000	.000	.375	.583	.000	.607	.250	.000	.333	.417	.795

City of Los Angeles
 N/S: Broadway
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Peak Hour Analysis From 08:15 AM to 09:00 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	08:15 AM				08:15 AM				08:15 AM				08:15 AM			
+0 mins.	0	6	0	6	0	0	0	0	2	0	0	2	0	0	3	3
+15 mins.	0	1	1	2	0	0	0	0	0	4	0	4	1	0	0	1
+30 mins.	0	2	0	2	0	0	0	0	0	4	0	4	0	0	0	0
+45 mins.	0	3	0	3	0	0	0	0	1	6	0	7	0	0	0	0
Total Volume	0	12	1	13	0	0	0	0	3	14	0	17	1	0	4	5
% App. Total	0	92.3	7.7		0	0	0	0	17.6	82.4	0		20	0	80	
PHF	.000	.500	.250	.542	.000	.000	.000	.000	.375	.583	.000	.607	.250	.000	.333	.417

City of Los Angeles
 N/S: Broadway
 E/W: 2nd Street
 Weather: Clear

File Name : LACBR2nAM
 Site Code : 20217215
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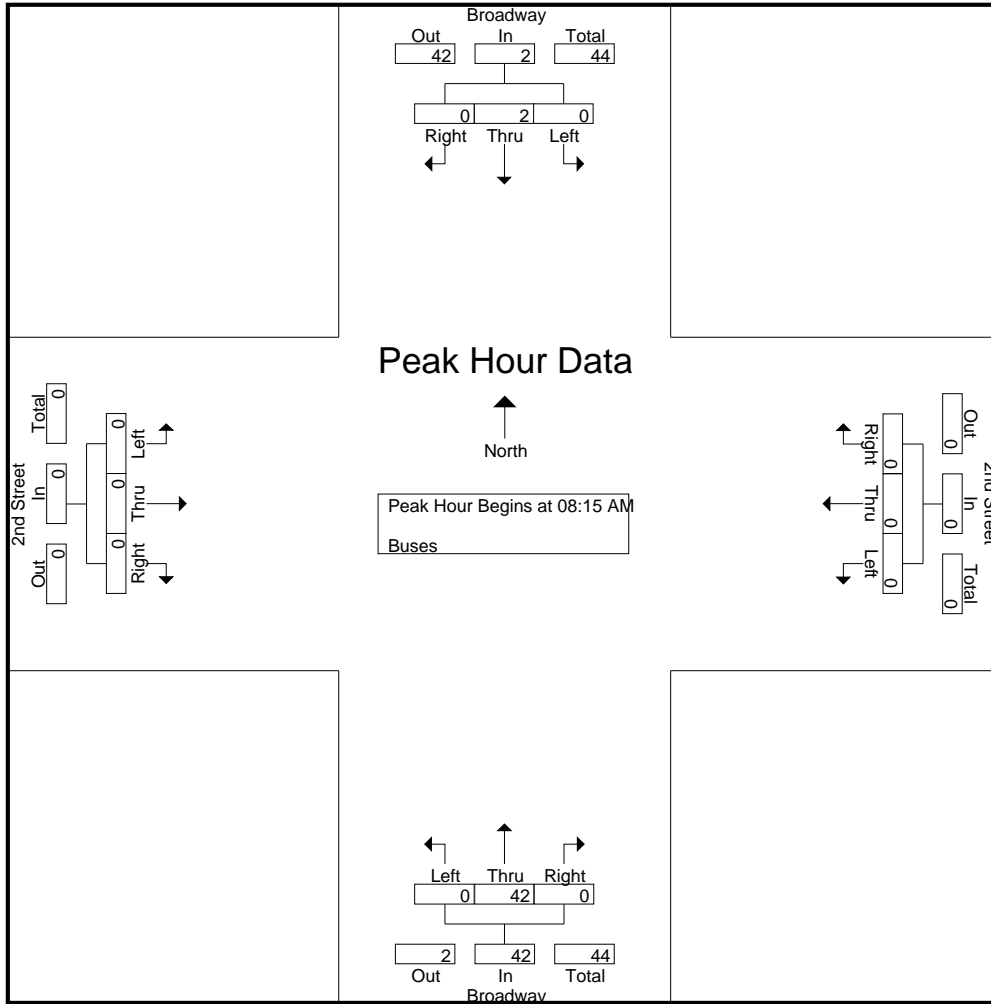
Groups Printed- Buses

Start Time	Broadway Southbound				2nd Street Westbound				Broadway Northbound				2nd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	0	1	0	1	0	0	0	0	0	12	0	12	0	0	0	0	13
07:15 AM	0	0	0	0	0	0	0	0	0	13	0	13	0	0	0	0	13
07:30 AM	0	0	0	0	0	0	0	0	0	9	0	9	0	0	0	0	9
07:45 AM	0	0	0	0	0	0	0	0	0	10	0	10	0	0	0	0	10
Total	0	1	0	1	0	0	0	0	0	44	0	44	0	0	0	0	45
08:00 AM	0	1	0	1	0	0	0	0	0	9	0	9	0	0	0	0	10
08:15 AM	0	0	0	0	0	0	0	0	0	16	0	16	0	0	0	0	16
08:30 AM	0	1	0	1	0	0	0	0	0	9	0	9	0	0	0	0	10
08:45 AM	0	1	0	1	0	0	0	0	0	8	0	8	0	0	0	0	9
Total	0	3	0	3	0	0	0	0	0	42	0	42	0	0	0	0	45
09:00 AM	0	0	0	0	0	0	0	0	0	9	0	9	0	0	0	0	9
09:15 AM	0	3	0	3	0	0	0	0	0	7	0	7	0	0	0	0	10
09:30 AM	0	0	0	0	0	0	0	0	0	7	0	7	0	0	0	0	7
09:45 AM	0	0	0	0	0	0	0	0	0	6	0	6	0	0	0	0	6
Total	0	3	0	3	0	0	0	0	0	29	0	29	0	0	0	0	32
Grand Total	0	7	0	7	0	0	0	0	0	115	0	115	0	0	0	0	122
Apprch %	0	100	0		0	0	0		0	100	0		0	0	0		
Total %	0	5.7	0	5.7	0	0	0	0	0	94.3	0	94.3	0	0	0	0	

Start Time	Broadway Southbound				2nd Street Westbound				Broadway Northbound				2nd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 08:15 AM to 09:00 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:15 AM																	
08:15 AM	0	0	0	0	0	0	0	0	0	16	0	16	0	0	0	0	16
08:30 AM	0	1	0	1	0	0	0	0	0	9	0	9	0	0	0	0	10
08:45 AM	0	1	0	1	0	0	0	0	0	8	0	8	0	0	0	0	9
09:00 AM	0	0	0	0	0	0	0	0	0	9	0	9	0	0	0	0	9
Total Volume	0	2	0	2	0	0	0	0	0	42	0	42	0	0	0	0	44
% App. Total	0	100	0		0	0	0		0	100	0		0	0	0		
PHF	.000	.500	.000	.500	.000	.000	.000	.000	.000	.656	.000	.656	.000	.000	.000	.000	.688

City of Los Angeles
 N/S: Broadway
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 Weather: Clear

File Name : LACBR2nAM
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Peak Hour Analysis From 08:15 AM to 09:00 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	08:15 AM				08:15 AM				08:15 AM				08:15 AM			
+0 mins.	0	0	0	0	0	0	0	0	0	16	0	16	0	0	0	0
+15 mins.	0	1	0	1	0	0	0	0	0	9	0	9	0	0	0	0
+30 mins.	0	1	0	1	0	0	0	0	0	8	0	8	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	0	0	9	0	9	0	0	0	0
Total Volume	0	2	0	2	0	0	0	0	0	42	0	42	0	0	0	0
% App. Total	0	100	0	0	0	0	0	0	0	100	0	0	0	0	0	0
PHF	.000	.500	.000	.500	.000	.000	.000	.000	.000	.656	.000	.656	.000	.000	.000	.000

City of Los Angeles
 N/S: Broadway
 E/W: 2nd Street
 Weather: Clear

File Name : LACBR2nPM
 Site Code : 20217215
 Start Date : 4/6/2017
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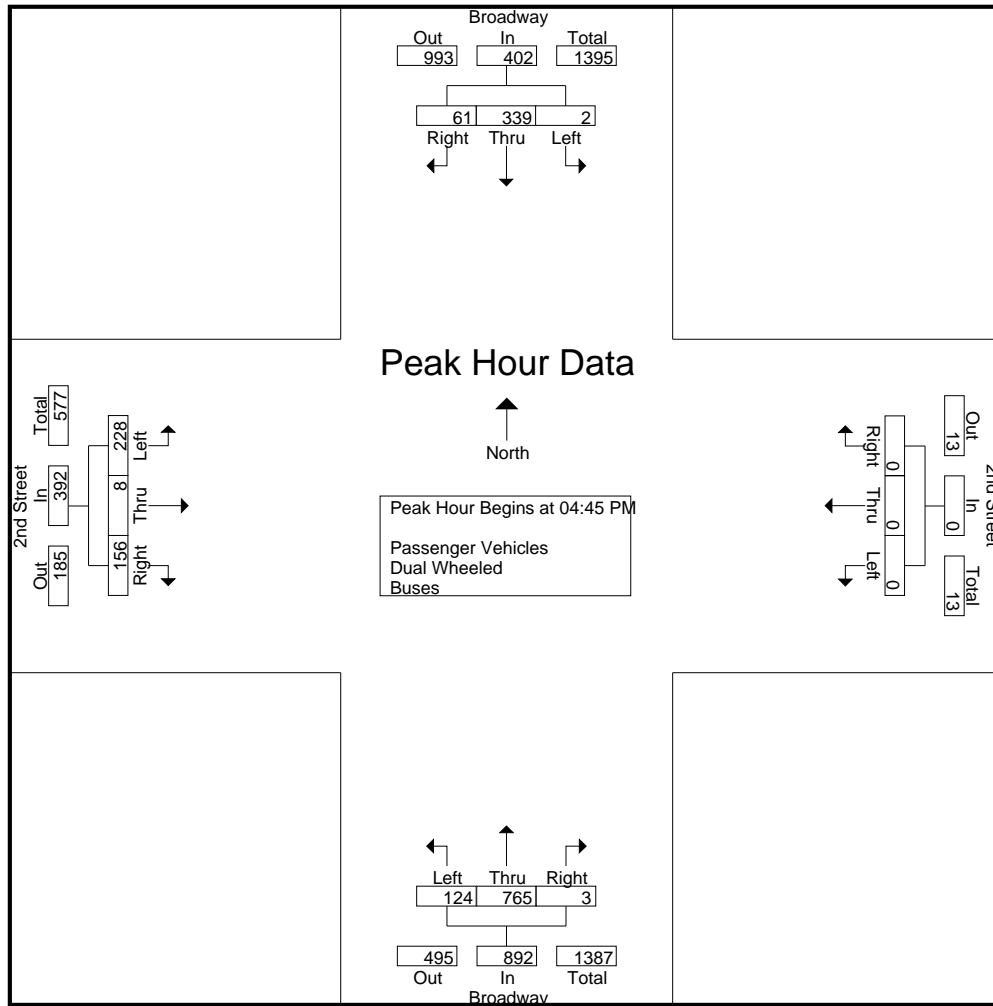
Groups Printed- Passenger Vehicles - Dual Wheeled - Buses

Start Time	Broadway Southbound				2nd Street Westbound				Broadway Northbound				2nd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
03:00 PM	0	67	4	71	0	0	0	0	18	127	3	148	37	0	35	72	291
03:15 PM	0	77	13	90	0	0	0	0	20	141	0	161	36	2	31	69	320
03:30 PM	0	85	5	90	0	0	0	0	24	135	1	160	29	1	31	61	311
03:45 PM	0	79	8	87	0	0	0	0	13	146	1	160	41	1	40	82	329
Total	0	308	30	338	0	0	0	0	75	549	5	629	143	4	137	284	1251
04:00 PM	0	90	11	101	0	0	0	0	8	158	1	167	38	0	41	79	347
04:15 PM	0	97	14	111	0	0	0	0	14	179	0	193	57	0	39	96	400
04:30 PM	0	103	8	111	0	0	0	0	23	173	1	197	51	0	42	93	401
04:45 PM	0	93	15	108	0	0	0	0	27	196	1	224	61	1	43	105	437
Total	0	383	48	431	0	0	0	0	72	706	3	781	207	1	165	373	1585
05:00 PM	1	91	16	108	0	0	0	0	24	190	0	214	47	1	46	94	416
05:15 PM	1	70	17	88	0	0	0	0	40	163	0	203	74	0	40	114	405
05:30 PM	0	85	13	98	0	0	0	0	33	216	2	251	46	6	27	79	428
05:45 PM	0	85	23	108	0	0	0	0	36	185	0	221	70	3	33	106	435
Total	2	331	69	402	0	0	0	0	133	754	2	889	237	10	146	393	1684
Grand Total	2	1022	147	1171	0	0	0	0	280	2009	10	2299	587	15	448	1050	4520
Apprch %	0.2	87.3	12.6		0	0	0		12.2	87.4	0.4		55.9	1.4	42.7		
Total %	0	22.6	3.3	25.9	0	0	0	0	6.2	44.4	0.2	50.9	13	0.3	9.9	23.2	
Passenger Vehicles	2	1007	147	1156	0	0	0	0	275	1863	10	2148	580	15	439	1034	4338
% Passenger Vehicles	100	98.5	100	98.7	0	0	0	0	98.2	92.7	100	93.4	98.8	100	98	98.5	96
Dual Wheeled	0	9	0	9	0	0	0	0	4	40	0	44	5	0	7	12	65
% Dual Wheeled	0	0.9	0	0.8	0	0	0	0	1.4	2	0	1.9	0.9	0	1.6	1.1	1.4
Buses	0	6	0	6	0	0	0	0	1	106	0	107	2	0	2	4	117
% Buses	0	0.6	0	0.5	0	0	0	0	0.4	5.3	0	4.7	0.3	0	0.4	0.4	2.6

Start Time	Broadway Southbound				2nd Street Westbound				Broadway Northbound				2nd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	0	93	15	108	0	0	0	0	27	196	1	224	61	1	43	105	437
05:00 PM	1	91	16	108	0	0	0	0	24	190	0	214	47	1	46	94	416
05:15 PM	1	70	17	88	0	0	0	0	40	163	0	203	74	0	40	114	405
05:30 PM	0	85	13	98	0	0	0	0	33	216	2	251	46	6	27	79	428
Total Volume	2	339	61	402	0	0	0	0	124	765	3	892	228	8	156	392	1686
% App. Total	0.5	84.3	15.2		0	0	0		13.9	85.8	0.3		58.2	2	39.8		
PHF	.500	.911	.897	.931	.000	.000	.000	.000	.775	.885	.375	.888	.770	.333	.848	.860	.965

City of Los Angeles
 N/S: Broadway
 E/W: 2nd Street
 Weather: Clear

File Name : LACBR2nPM
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Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	04:15 PM				03:00 PM				04:45 PM				04:30 PM			
+0 mins.	0	97	14	111	0	0	0	0	27	196	1	224	51	0	42	93
+15 mins.	0	103	8	111	0	0	0	0	24	190	0	214	61	1	43	105
+30 mins.	0	93	15	108	0	0	0	0	40	163	0	203	47	1	46	94
+45 mins.	1	91	16	108	0	0	0	0	33	216	2	251	74	0	40	114
Total Volume	1	384	53	438	0	0	0	0	124	765	3	892	233	2	171	406
% App. Total	0.2	87.7	12.1		0	0	0	0	13.9	85.8	0.3		57.4	0.5	42.1	
PHF	.250	.932	.828	.986	.000	.000	.000	.000	.775	.885	.375	.888	.787	.500	.929	.890

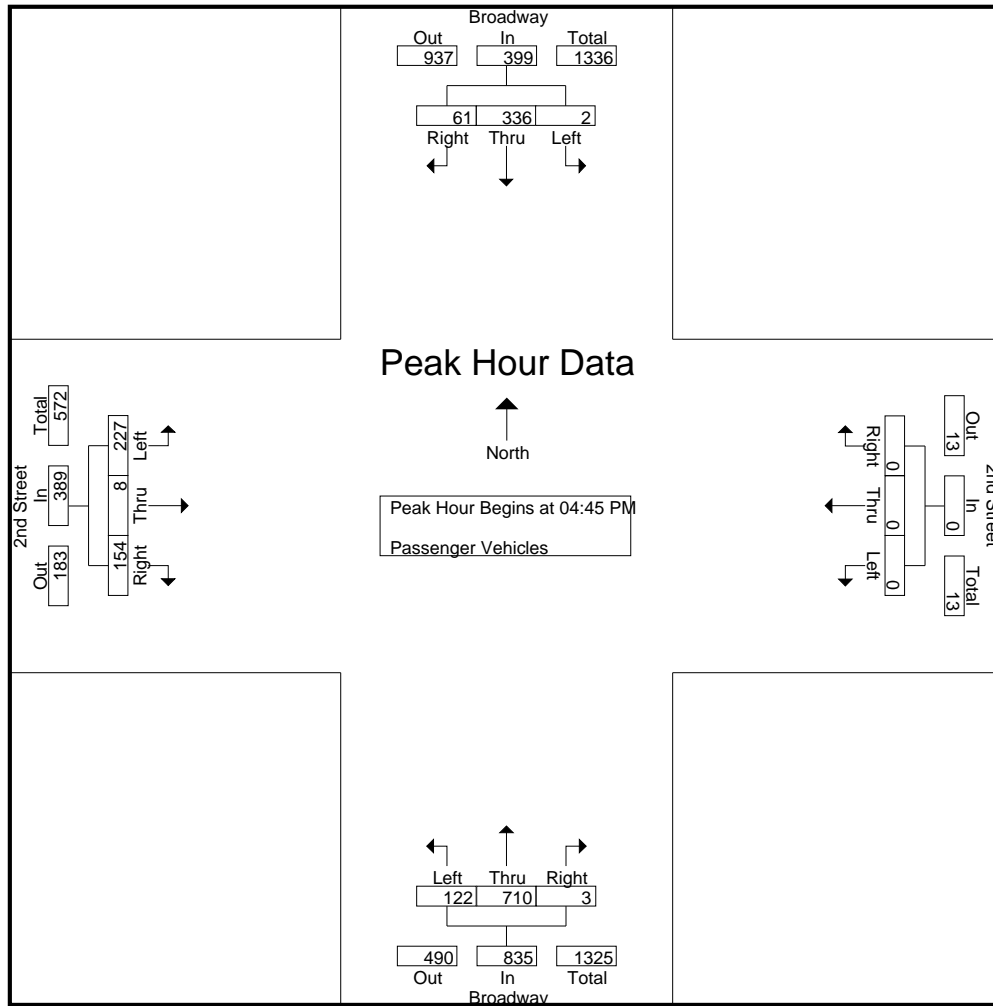
City of Los Angeles
 N/S: Broadway
 E/W: 2nd Street
 Weather: Clear

File Name : LACBR2nPM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

Groups Printed- Passenger Vehicles

Start Time	Broadway Southbound				2nd Street Westbound				Broadway Northbound				2nd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
03:00 PM	0	66	4	70	0	0	0	0	18	122	3	143	37	0	35	72	285
03:15 PM	0	76	13	89	0	0	0	0	20	126	0	146	36	2	31	69	304
03:30 PM	0	83	5	88	0	0	0	0	24	126	1	151	27	1	28	56	295
03:45 PM	0	78	8	86	0	0	0	0	11	133	1	145	39	1	39	79	310
Total	0	303	30	333	0	0	0	0	73	507	5	585	139	4	133	276	1194
04:00 PM	0	88	11	99	0	0	0	0	8	149	1	158	37	0	40	77	334
04:15 PM	0	97	14	111	0	0	0	0	13	164	0	177	57	0	39	96	384
04:30 PM	0	98	8	106	0	0	0	0	23	159	1	183	51	0	40	91	380
04:45 PM	0	93	15	108	0	0	0	0	27	186	1	214	61	1	42	104	426
Total	0	376	48	424	0	0	0	0	71	658	3	732	206	1	161	368	1524
05:00 PM	1	90	16	107	0	0	0	0	23	171	0	194	47	1	45	93	394
05:15 PM	1	69	17	87	0	0	0	0	39	151	0	190	74	0	40	114	391
05:30 PM	0	84	13	97	0	0	0	0	33	202	2	237	45	6	27	78	412
05:45 PM	0	85	23	108	0	0	0	0	36	174	0	210	69	3	33	105	423
Total	2	328	69	399	0	0	0	0	131	698	2	831	235	10	145	390	1620
Grand Total	2	1007	147	1156	0	0	0	0	275	1863	10	2148	580	15	439	1034	4338
Apprch %	0.2	87.1	12.7		0	0	0		12.8	86.7	0.5		56.1	1.5	42.5		
Total %	0	23.2	3.4	26.6	0	0	0	0	6.3	42.9	0.2	49.5	13.4	0.3	10.1	23.8	

Start Time	Broadway Southbound				2nd Street Westbound				Broadway Northbound				2nd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	0	93	15	108	0	0	0	0	27	186	1	214	61	1	42	104	426
05:00 PM	1	90	16	107	0	0	0	0	23	171	0	194	47	1	45	93	394
05:15 PM	1	69	17	87	0	0	0	0	39	151	0	190	74	0	40	114	391
05:30 PM	0	84	13	97	0	0	0	0	33	202	2	237	45	6	27	78	412
Total Volume	2	336	61	399	0	0	0	0	122	710	3	835	227	8	154	389	1623
% App. Total	0.5	84.2	15.3		0	0	0		14.6	85	0.4		58.4	2.1	39.6		
PHF	.500	.903	.897	.924	.000	.000	.000	.000	.782	.879	.375	.881	.767	.333	.856	.853	.952



Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	04:45 PM				04:45 PM				04:45 PM				04:45 PM			
+0 mins.	0	93	15	108	0	0	0	0	27	186	1	214	61	1	42	104
+15 mins.	1	90	16	107	0	0	0	0	23	171	0	194	47	1	45	93
+30 mins.	1	69	17	87	0	0	0	0	39	151	0	190	74	0	40	114
+45 mins.	0	84	13	97	0	0	0	0	33	202	2	237	45	6	27	78
Total Volume	2	336	61	399	0	0	0	0	122	710	3	835	227	8	154	389
% App. Total	0.5	84.2	15.3		0	0	0	0	14.6	85	0.4		58.4	2.1	39.6	
PHF	.500	.903	.897	.924	.000	.000	.000	.000	.782	.879	.375	.881	.767	.333	.856	.853

City of Los Angeles
 N/S: Broadway
 E/W: 2nd Street
 Weather: Clear

File Name : LACBR2nPM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

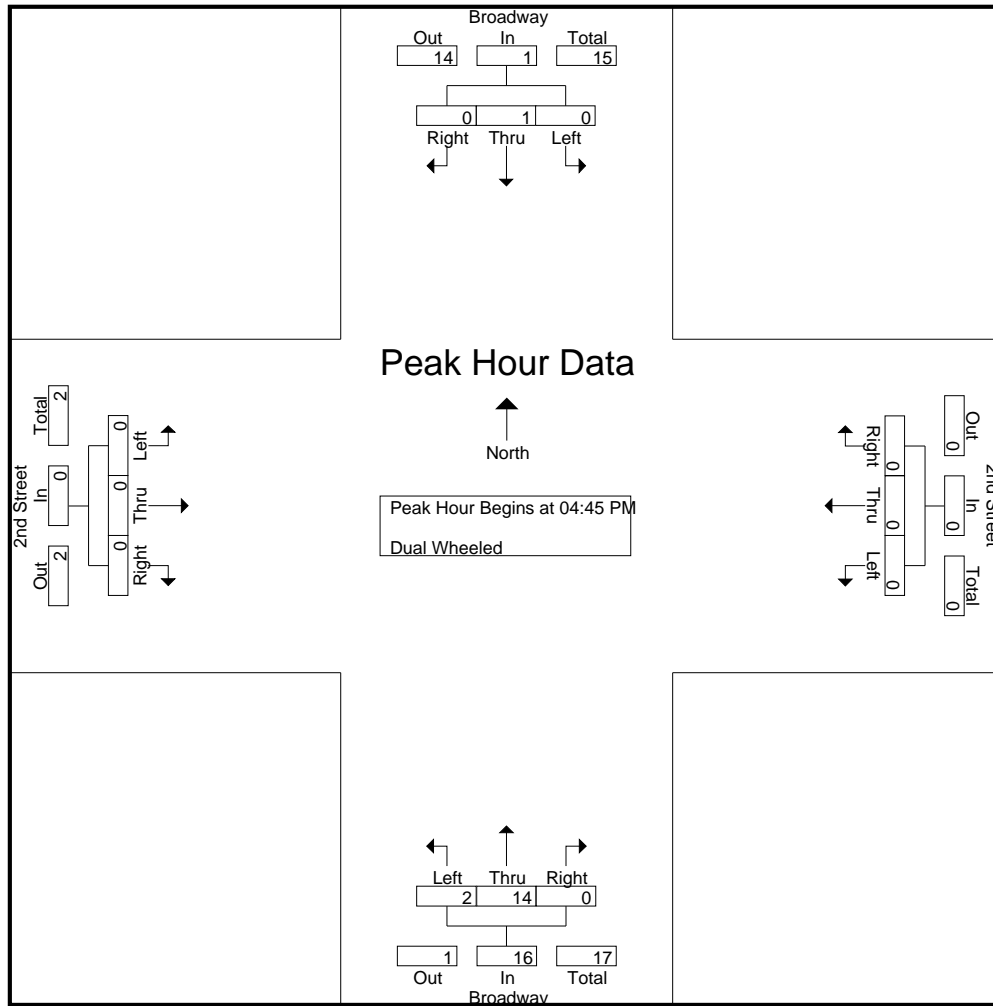
Groups Printed- Dual Wheeled

Start Time	Broadway Southbound				2nd Street Westbound				Broadway Northbound				2nd Street Eastbound				Int. Total	
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total		
03:00 PM	0	1	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	2
03:15 PM	0	1	0	1	0	0	0	0	0	0	3	0	3	0	0	0	0	4
03:30 PM	0	1	0	1	0	0	0	0	0	0	4	0	4	1	0	3	4	9
03:45 PM	0	1	0	1	0	0	0	0	0	2	2	0	4	2	0	1	3	8
Total	0	4	0	4	0	0	0	0	0	2	10	0	12	3	0	4	7	23
04:00 PM	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1	2	3
04:15 PM	0	0	0	0	0	0	0	0	0	0	5	0	5	0	0	0	0	5
04:30 PM	0	4	0	4	0	0	0	0	0	0	5	0	5	0	0	2	2	11
04:45 PM	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	2
Total	0	4	0	4	0	0	0	0	0	0	13	0	13	1	0	3	4	21
05:00 PM	0	1	0	1	0	0	0	0	0	1	6	0	7	0	0	0	0	8
05:15 PM	0	0	0	0	0	0	0	0	0	1	2	0	3	0	0	0	0	3
05:30 PM	0	0	0	0	0	0	0	0	0	0	4	0	4	0	0	0	0	4
05:45 PM	0	0	0	0	0	0	0	0	0	0	5	0	5	1	0	0	1	6
Total	0	1	0	1	0	0	0	0	0	2	17	0	19	1	0	0	1	21
Grand Total	0	9	0	9	0	0	0	0	0	4	40	0	44	5	0	7	12	65
Apprch %	0	100	0		0	0	0			9.1	90.9	0		41.7	0	58.3		
Total %	0	13.8	0	13.8	0	0	0	0	0	6.2	61.5	0	67.7	7.7	0	10.8	18.5	

Start Time	Broadway Southbound				2nd Street Westbound				Broadway Northbound				2nd Street Eastbound				Int. Total	
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total		
Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1																		
Peak Hour for Entire Intersection Begins at 04:45 PM																		
04:45 PM	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	2
05:00 PM	0	1	0	1	0	0	0	0	0	1	6	0	7	0	0	0	0	8
05:15 PM	0	0	0	0	0	0	0	0	0	1	2	0	3	0	0	0	0	3
05:30 PM	0	0	0	0	0	0	0	0	0	0	4	0	4	0	0	0	0	4
Total Volume	0	1	0	1	0	0	0	0	0	2	14	0	16	0	0	0	0	17
% App. Total	0	100	0		0	0	0			12.5	87.5	0		0	0	0		
PHF	.000	.250	.000	.250	.000	.000	.000	.000	.000	.500	.583	.000	.571	.000	.000	.000	.000	.531

City of Los Angeles
 N/S: Broadway
 E/W: 2nd Street
 Weather: Clear

File Name : LACBR2nPM
 Site Code : 20217215
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Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	04:45 PM				04:45 PM				04:45 PM				04:45 PM			
+0 mins.	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0
+15 mins.	0	1	0	1	0	0	0	0	1	6	0	7	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	1	2	0	3	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	0	0	4	0	4	0	0	0	0
Total Volume	0	1	0	1	0	0	0	0	2	14	0	16	0	0	0	0
% App. Total	0	100	0	0	0	0	0	0	12.5	87.5	0	0	0	0	0	0
PHF	.000	.250	.000	.250	.000	.000	.000	.000	.500	.583	.000	.571	.000	.000	.000	.000

City of Los Angeles
 N/S: Broadway
 E/W: 2nd Street
 Weather: Clear

File Name : LACBR2nPM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

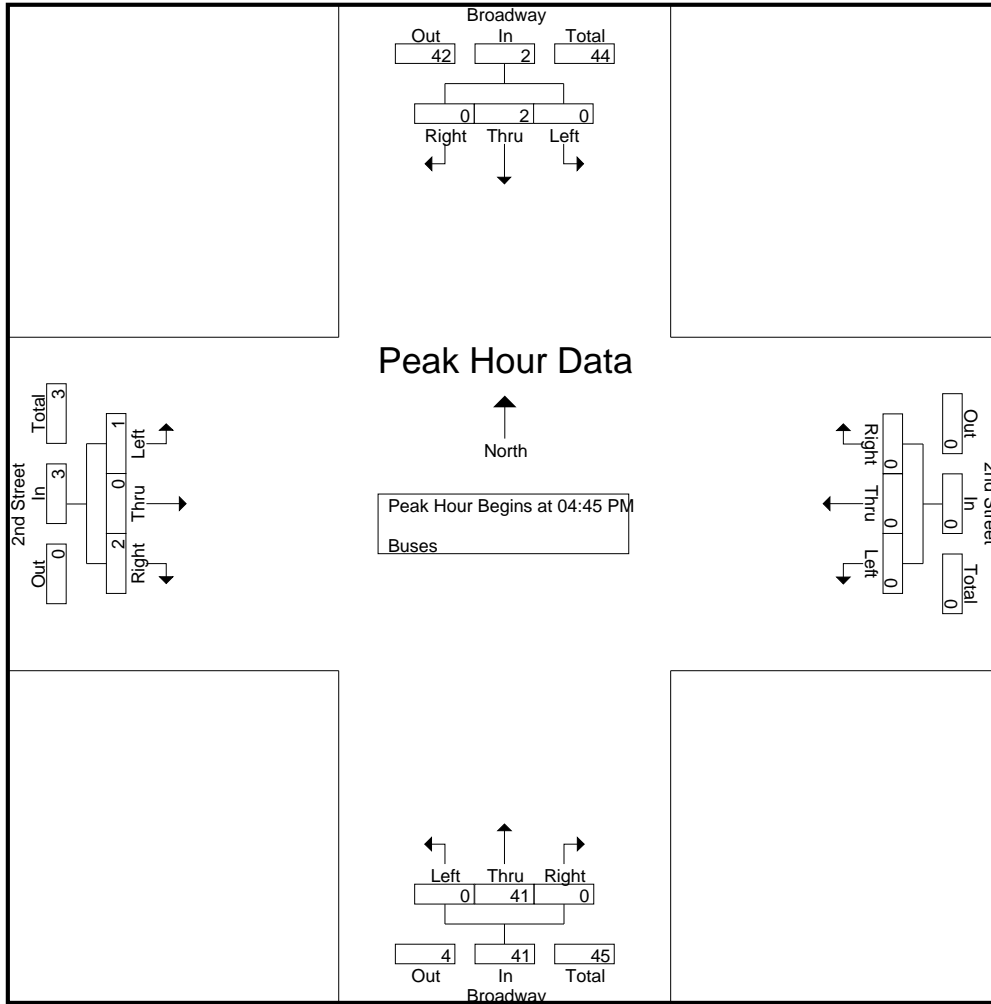
Groups Printed- Buses

Start Time	Broadway Southbound				2nd Street Westbound				Broadway Northbound				2nd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
03:00 PM	0	0	0	0	0	0	0	0	0	4	0	4	0	0	0	0	4
03:15 PM	0	0	0	0	0	0	0	0	0	12	0	12	0	0	0	0	12
03:30 PM	0	1	0	1	0	0	0	0	0	5	0	5	1	0	0	1	7
03:45 PM	0	0	0	0	0	0	0	0	0	11	0	11	0	0	0	0	11
Total	0	1	0	1	0	0	0	0	0	32	0	32	1	0	0	1	34
04:00 PM	0	2	0	2	0	0	0	0	0	8	0	8	0	0	0	0	10
04:15 PM	0	0	0	0	0	0	0	0	1	10	0	11	0	0	0	0	11
04:30 PM	0	1	0	1	0	0	0	0	0	9	0	9	0	0	0	0	10
04:45 PM	0	0	0	0	0	0	0	0	0	8	0	8	0	0	1	1	9
Total	0	3	0	3	0	0	0	0	1	35	0	36	0	0	1	1	40
05:00 PM	0	0	0	0	0	0	0	0	0	13	0	13	0	0	1	1	14
05:15 PM	0	1	0	1	0	0	0	0	0	10	0	10	0	0	0	0	11
05:30 PM	0	1	0	1	0	0	0	0	0	10	0	10	1	0	0	1	12
05:45 PM	0	0	0	0	0	0	0	0	0	6	0	6	0	0	0	0	6
Total	0	2	0	2	0	0	0	0	0	39	0	39	1	0	1	2	43
Grand Total	0	6	0	6	0	0	0	0	1	106	0	107	2	0	2	4	117
Apprch %	0	100	0		0	0	0		0.9	99.1	0		50	0	50		
Total %	0	5.1	0	5.1	0	0	0	0	0.9	90.6	0	91.5	1.7	0	1.7	3.4	

Start Time	Broadway Southbound				2nd Street Westbound				Broadway Northbound				2nd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	0	0	0	0	0	0	0	0	0	8	0	8	0	0	1	1	9
05:00 PM	0	0	0	0	0	0	0	0	0	13	0	13	0	0	1	1	14
05:15 PM	0	1	0	1	0	0	0	0	0	10	0	10	0	0	0	0	11
05:30 PM	0	1	0	1	0	0	0	0	0	10	0	10	1	0	0	1	12
Total Volume	0	2	0	2	0	0	0	0	0	41	0	41	1	0	2	3	46
% App. Total	0	100	0		0	0	0		0	100	0		33.3	0	66.7		
PHF	.000	.500	.000	.500	.000	.000	.000	.000	.000	.788	.000	.788	.250	.000	.500	.750	.821

City of Los Angeles
 N/S: Broadway
 E/W: 2nd Street
 Weather: Clear

File Name : LACBR2nPM
 Site Code : 20217215
 Start Date : 4/6/2017
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Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	04:45 PM				04:45 PM				04:45 PM				04:45 PM			
+0 mins.	0	0	0	0	0	0	0	0	0	8	0	8	0	0	1	1
+15 mins.	0	0	0	0	0	0	0	0	0	13	0	13	0	0	1	1
+30 mins.	0	1	0	1	0	0	0	0	0	10	0	10	0	0	0	0
+45 mins.	0	1	0	1	0	0	0	0	0	10	0	10	1	0	0	1
Total Volume	0	2	0	2	0	0	0	0	0	41	0	41	1	0	2	3
% App. Total	0	100	0	0	0	0	0	0	0	100	0	0	33.3	0	66.7	0
PHF	.000	.500	.000	.500	.000	.000	.000	.000	.000	.788	.000	.788	.250	.000	.500	.750

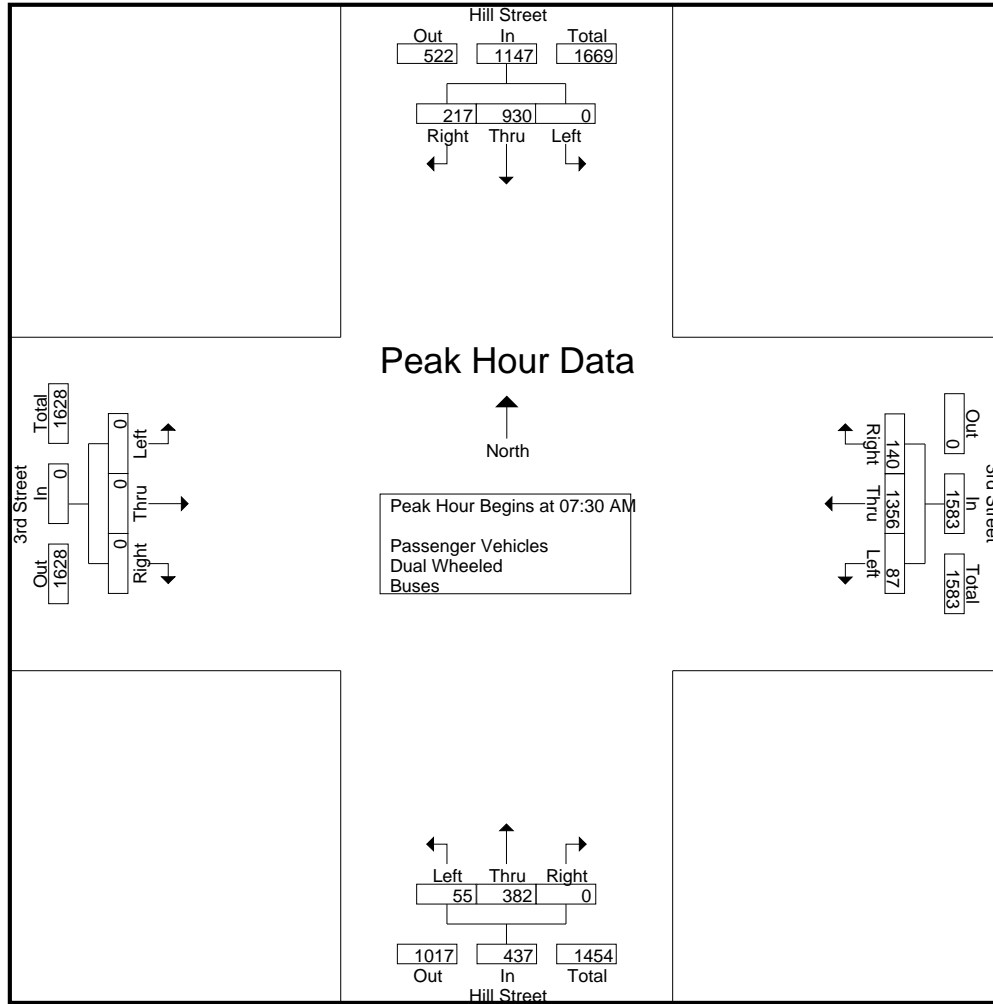
City of Los Angeles
 N/S: Hill Street
 E/W: 3rd Street
 Weather: Clear

File Name : LACHI3rAM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

Groups Printed- Passenger Vehicles - Dual Wheeled - Buses

Start Time	Hill Street Southbound				3rd Street Westbound				Hill Street Northbound				3rd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	0	221	61	282	16	335	22	373	11	63	0	74	0	0	0	0	729
07:15 AM	0	213	52	265	26	340	34	400	24	72	0	96	0	0	0	0	761
07:30 AM	0	217	57	274	23	342	37	402	14	89	0	103	0	0	0	0	779
07:45 AM	0	241	61	302	16	349	25	390	14	94	0	108	0	0	0	0	800
Total	0	892	231	1123	81	1366	118	1565	63	318	0	381	0	0	0	0	3069
08:00 AM	0	231	53	284	19	339	33	391	13	102	0	115	0	0	0	0	790
08:15 AM	0	241	46	287	29	326	45	400	14	97	0	111	0	0	0	0	798
08:30 AM	0	231	49	280	32	327	24	383	8	73	0	81	0	0	0	0	744
08:45 AM	0	259	35	294	29	334	34	397	18	91	0	109	0	0	0	0	800
Total	0	962	183	1145	109	1326	136	1571	53	363	0	416	0	0	0	0	3132
09:00 AM	0	220	73	293	33	315	28	376	20	75	0	95	0	0	0	0	764
09:15 AM	0	240	66	306	30	279	33	342	17	84	0	101	0	0	0	0	749
09:30 AM	0	212	66	278	42	272	24	338	14	84	0	98	0	0	0	0	714
09:45 AM	0	216	54	270	33	276	21	330	17	65	0	82	0	0	0	0	682
Total	0	888	259	1147	138	1142	106	1386	68	308	0	376	0	0	0	0	2909
Grand Total	0	2742	673	3415	328	3834	360	4522	184	989	0	1173	0	0	0	0	9110
Apprch %	0	80.3	19.7		7.3	84.8	8		15.7	84.3	0		0	0	0		
Total %	0	30.1	7.4	37.5	3.6	42.1	4	49.6	2	10.9	0	12.9	0	0	0	0	
Passenger Vehicles	0	2625	666	3291	293	3770	355	4418	178	873	0	1051	0	0	0	0	8760
% Passenger Vehicles	0	95.7	99	96.4	89.3	98.3	98.6	97.7	96.7	88.3	0	89.6	0	0	0	0	96.2
Dual Wheeled	0	21	4	25	16	40	4	60	6	18	0	24	0	0	0	0	109
% Dual Wheeled	0	0.8	0.6	0.7	4.9	1	1.1	1.3	3.3	1.8	0	2	0	0	0	0	1.2
Buses	0	96	3	99	19	24	1	44	0	98	0	98	0	0	0	0	241
% Buses	0	3.5	0.4	2.9	5.8	0.6	0.3	1	0	9.9	0	8.4	0	0	0	0	2.6

Start Time	Hill Street Southbound				3rd Street Westbound				Hill Street Northbound				3rd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	217	57	274	23	342	37	402	14	89	0	103	0	0	0	0	779
07:45 AM	0	241	61	302	16	349	25	390	14	94	0	108	0	0	0	0	800
08:00 AM	0	231	53	284	19	339	33	391	13	102	0	115	0	0	0	0	790
08:15 AM	0	241	46	287	29	326	45	400	14	97	0	111	0	0	0	0	798
Total Volume	0	930	217	1147	87	1356	140	1583	55	382	0	437	0	0	0	0	3167
% App. Total	0	81.1	18.9		5.5	85.7	8.8		12.6	87.4	0		0	0	0		
PHF	.000	.965	.889	.950	.750	.971	.778	.984	.982	.936	.000	.950	.000	.000	.000	.000	.990



Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	08:30 AM				07:15 AM				07:30 AM				07:00 AM			
+0 mins.	0	231	49	280	26	340	34	400	14	89	0	103	0	0	0	0
+15 mins.	0	259	35	294	23	342	37	402	14	94	0	108	0	0	0	0
+30 mins.	0	220	73	293	16	349	25	390	13	102	0	115	0	0	0	0
+45 mins.	0	240	66	306	19	339	33	391	14	97	0	111	0	0	0	0
Total Volume	0	950	223	1173	84	1370	129	1583	55	382	0	437	0	0	0	0
% App. Total	0	81	19		5.3	86.5	8.1		12.6	87.4	0		0	0	0	
PHF	.000	.917	.764	.958	.808	.981	.872	.984	.982	.936	.000	.950	.000	.000	.000	.000

City of Los Angeles
 N/S: Hill Street
 E/W: 3rd Street
 Weather: Clear

File Name : LACHI3rAM
 Site Code : 20217215
 Start Date : 4/6/2017
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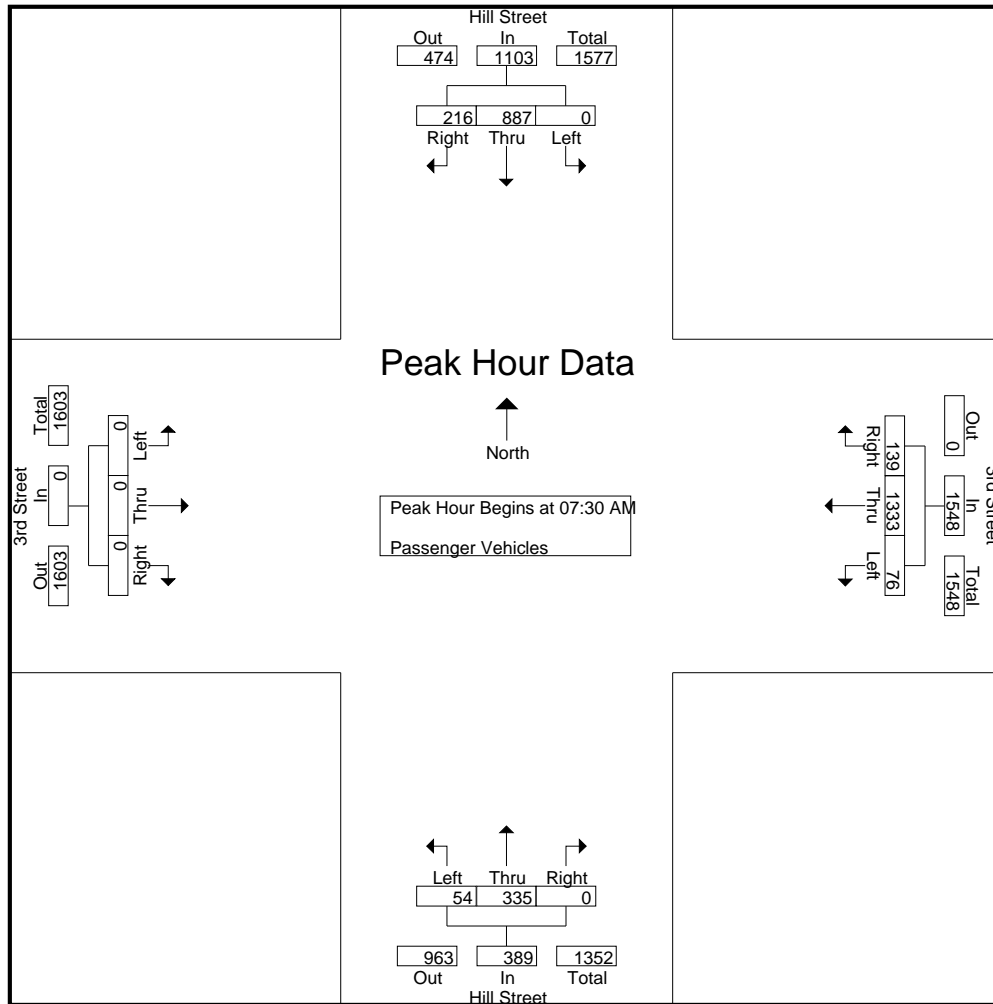
Groups Printed- Passenger Vehicles

Start Time	Hill Street Southbound				3rd Street Westbound				Hill Street Northbound				3rd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	0	210	59	269	12	330	22	364	11	50	0	61	0	0	0	0	694
07:15 AM	0	202	51	253	23	335	34	392	24	62	0	86	0	0	0	0	731
07:30 AM	0	208	57	265	20	336	36	392	14	78	0	92	0	0	0	0	749
07:45 AM	0	233	60	293	15	343	25	383	14	83	0	97	0	0	0	0	773
Total	0	853	227	1080	70	1344	117	1531	63	273	0	336	0	0	0	0	2947
08:00 AM	0	221	53	274	16	334	33	383	12	88	0	100	0	0	0	0	757
08:15 AM	0	225	46	271	25	320	45	390	14	86	0	100	0	0	0	0	761
08:30 AM	0	221	49	270	31	319	24	374	8	63	0	71	0	0	0	0	715
08:45 AM	0	250	33	283	26	330	34	390	16	84	0	100	0	0	0	0	773
Total	0	917	181	1098	98	1303	136	1537	50	321	0	371	0	0	0	0	3006
09:00 AM	0	213	73	286	29	309	27	365	18	66	0	84	0	0	0	0	735
09:15 AM	0	231	65	296	27	275	32	334	17	79	0	96	0	0	0	0	726
09:30 AM	0	204	66	270	39	269	22	330	13	73	0	86	0	0	0	0	686
09:45 AM	0	207	54	261	30	270	21	321	17	61	0	78	0	0	0	0	660
Total	0	855	258	1113	125	1123	102	1350	65	279	0	344	0	0	0	0	2807
Grand Total	0	2625	666	3291	293	3770	355	4418	178	873	0	1051	0	0	0	0	8760
Apprch %	0	79.8	20.2		6.6	85.3	8		16.9	83.1	0		0	0	0		
Total %	0	30	7.6	37.6	3.3	43	4.1	50.4	2	10	0	12	0	0	0	0	

Start Time	Hill Street Southbound				3rd Street Westbound				Hill Street Northbound				3rd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	208	57	265	20	336	36	392	14	78	0	92	0	0	0	0	749
07:45 AM	0	233	60	293	15	343	25	383	14	83	0	97	0	0	0	0	773
08:00 AM	0	221	53	274	16	334	33	383	12	88	0	100	0	0	0	0	757
08:15 AM	0	225	46	271	25	320	45	390	14	86	0	100	0	0	0	0	761
Total Volume	0	887	216	1103	76	1333	139	1548	54	335	0	389	0	0	0	0	3040
% App. Total	0	80.4	19.6		4.9	86.1	9		13.9	86.1	0		0	0	0		
PHF	.000	.952	.900	.941	.760	.972	.772	.987	.964	.952	.000	.973	.000	.000	.000	.000	.983

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

	07:30 AM				07:30 AM				07:30 AM				07:30 AM			
+0 mins.	0	208	57	265	20	336	36	392	14	78	0	92	0	0	0	0
+15 mins.	0	233	60	293	15	343	25	383	14	83	0	97	0	0	0	0
+30 mins.	0	221	53	274	16	334	33	383	12	88	0	100	0	0	0	0
+45 mins.	0	225	46	271	25	320	45	390	14	86	0	100	0	0	0	0
Total Volume	0	887	216	1103	76	1333	139	1548	54	335	0	389	0	0	0	0
% App. Total	0	80.4	19.6		4.9	86.1	9		13.9	86.1	0		0	0	0	
PHF	.000	.952	.900	.941	.760	.972	.772	.987	.964	.952	.000	.973	.000	.000	.000	.000

City of Los Angeles
 N/S: Hill Street
 E/W: 3rd Street
 Weather: Clear

File Name : LACHI3rAM
 Site Code : 20217215
 Start Date : 4/6/2017
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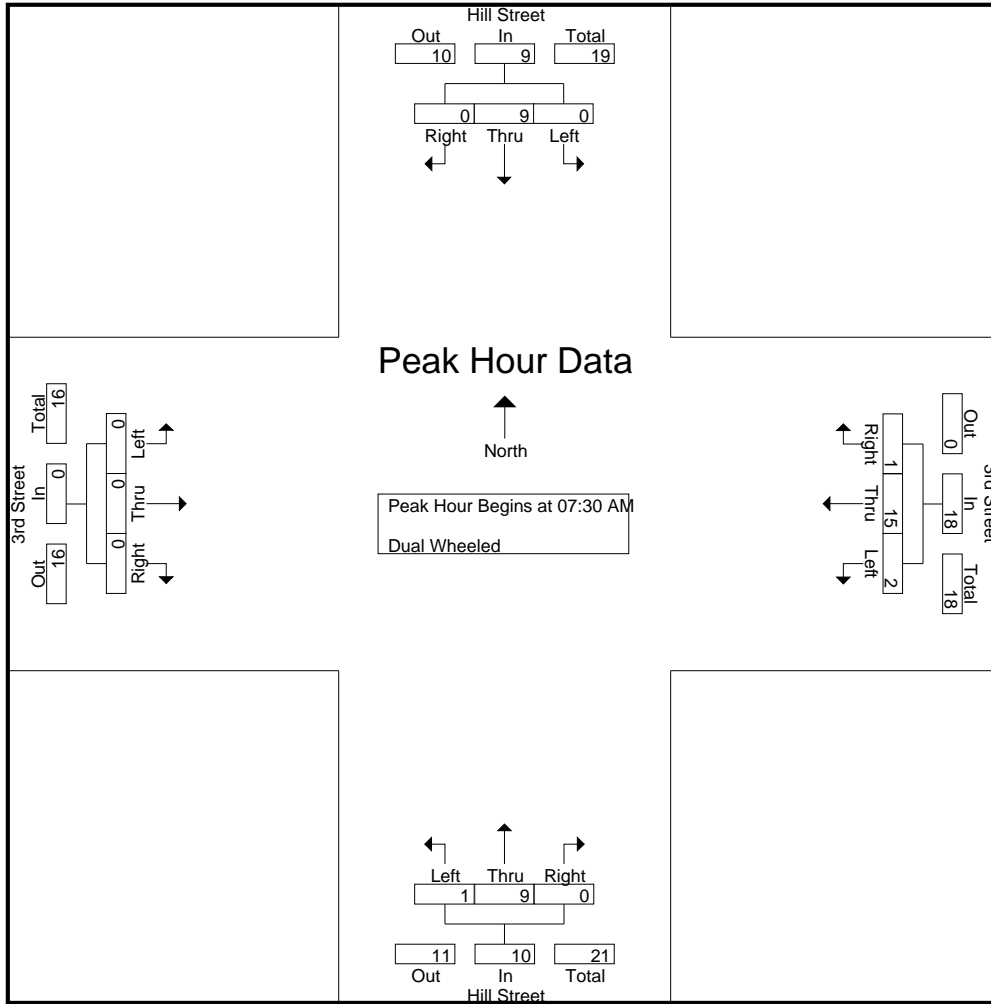
Groups Printed- Dual Wheeled

Start Time	Hill Street Southbound				3rd Street Westbound				Hill Street Northbound				3rd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	0	2	1	3	3	3	0	6	0	1	0	1	0	0	0	0	10
07:15 AM	0	1	1	2	2	2	0	4	0	0	0	0	0	0	0	0	6
07:30 AM	0	1	0	1	0	4	1	5	0	2	0	2	0	0	0	0	8
07:45 AM	0	2	0	2	0	5	0	5	0	2	0	2	0	0	0	0	9
Total	0	6	2	8	5	14	1	20	0	5	0	5	0	0	0	0	33
08:00 AM	0	1	0	1	1	2	0	3	1	3	0	4	0	0	0	0	8
08:15 AM	0	5	0	5	1	4	0	5	0	2	0	2	0	0	0	0	12
08:30 AM	0	2	0	2	0	4	0	4	0	2	0	2	0	0	0	0	8
08:45 AM	0	1	1	2	1	2	0	3	2	0	0	2	0	0	0	0	7
Total	0	9	1	10	3	12	0	15	3	7	0	10	0	0	0	0	35
09:00 AM	0	1	0	1	3	4	1	8	2	3	0	5	0	0	0	0	14
09:15 AM	0	1	1	2	1	2	1	4	0	1	0	1	0	0	0	0	7
09:30 AM	0	3	0	3	2	2	1	5	1	2	0	3	0	0	0	0	11
09:45 AM	0	1	0	1	2	6	0	8	0	0	0	0	0	0	0	0	9
Total	0	6	1	7	8	14	3	25	3	6	0	9	0	0	0	0	41
Grand Total	0	21	4	25	16	40	4	60	6	18	0	24	0	0	0	0	109
Apprch %	0	84	16		26.7	66.7	6.7		25	75	0		0	0	0		
Total %	0	19.3	3.7	22.9	14.7	36.7	3.7	55	5.5	16.5	0	22	0	0	0	0	

Start Time	Hill Street Southbound				3rd Street Westbound				Hill Street Northbound				3rd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	1	0	1	0	4	1	5	0	2	0	2	0	0	0	0	8
07:45 AM	0	2	0	2	0	5	0	5	0	2	0	2	0	0	0	0	9
08:00 AM	0	1	0	1	1	2	0	3	1	3	0	4	0	0	0	0	8
08:15 AM	0	5	0	5	1	4	0	5	0	2	0	2	0	0	0	0	12
Total Volume	0	9	0	9	2	15	1	18	1	9	0	10	0	0	0	0	37
% App. Total	0	100	0		11.1	83.3	5.6		10	90	0		0	0	0		
PHF	.000	.450	.000	.450	.500	.750	.250	.900	.250	.750	.000	.625	.000	.000	.000	.000	.771

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

	07:30 AM				07:30 AM				07:30 AM				07:30 AM			
+0 mins.	0	1	0	1	0	4	1	5	0	2	0	2	0	0	0	0
+15 mins.	0	2	0	2	0	5	0	5	0	2	0	2	0	0	0	0
+30 mins.	0	1	0	1	1	2	0	3	1	3	0	4	0	0	0	0
+45 mins.	0	5	0	5	1	4	0	5	0	2	0	2	0	0	0	0
Total Volume	0	9	0	9	2	15	1	18	1	9	0	10	0	0	0	0
% App. Total	0	100	0		11.1	83.3	5.6		10	90	0		0	0	0	
PHF	.000	.450	.000	.450	.500	.750	.250	.900	.250	.750	.000	.625	.000	.000	.000	.000

City of Los Angeles
 N/S: Hill Street
 E/W: 3rd Street
 Weather: Clear

File Name : LACHI3rAM
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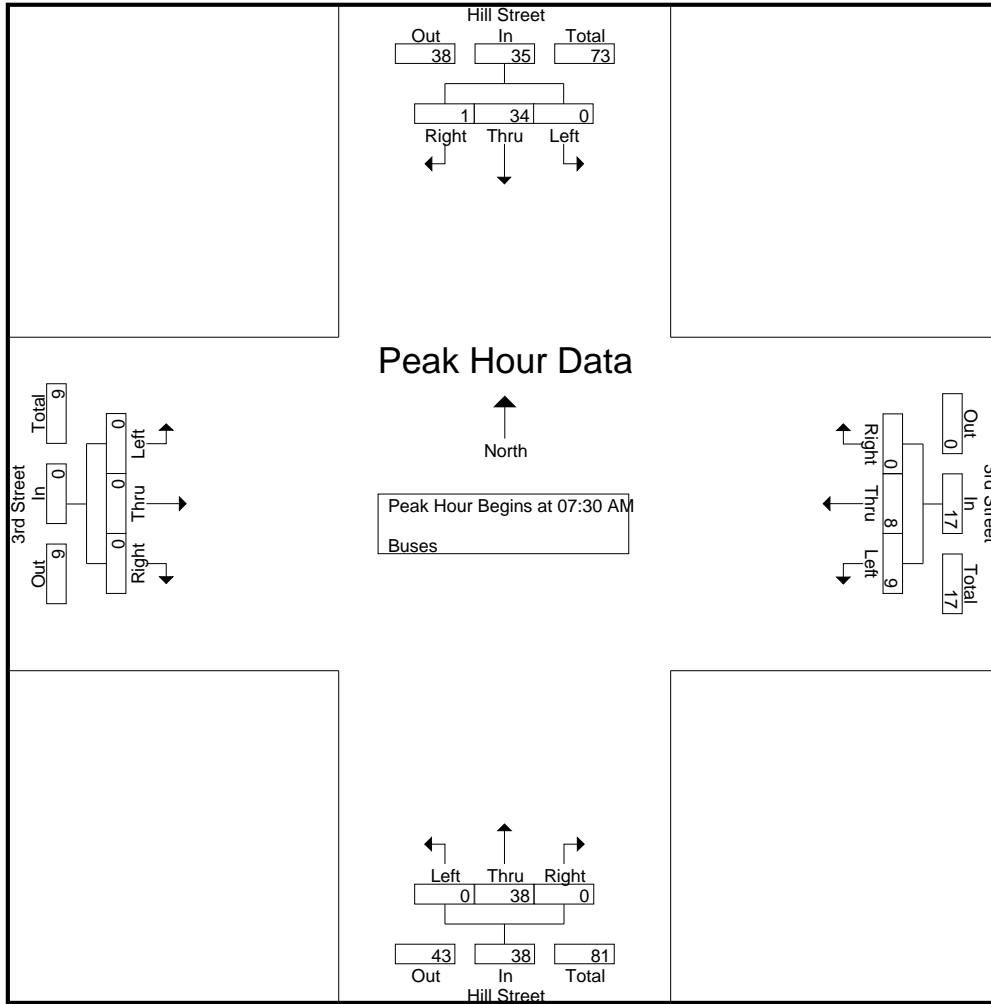
Groups Printed- Buses

Start Time	Hill Street Southbound				3rd Street Westbound				Hill Street Northbound				3rd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	0	9	1	10	1	2	0	3	0	12	0	12	0	0	0	0	25
07:15 AM	0	10	0	10	1	3	0	4	0	10	0	10	0	0	0	0	24
07:30 AM	0	8	0	8	3	2	0	5	0	9	0	9	0	0	0	0	22
07:45 AM	0	6	1	7	1	1	0	2	0	9	0	9	0	0	0	0	18
Total	0	33	2	35	6	8	0	14	0	40	0	40	0	0	0	0	89
08:00 AM	0	9	0	9	2	3	0	5	0	11	0	11	0	0	0	0	25
08:15 AM	0	11	0	11	3	2	0	5	0	9	0	9	0	0	0	0	25
08:30 AM	0	8	0	8	1	4	0	5	0	8	0	8	0	0	0	0	21
08:45 AM	0	8	1	9	2	2	0	4	0	7	0	7	0	0	0	0	20
Total	0	36	1	37	8	11	0	19	0	35	0	35	0	0	0	0	91
09:00 AM	0	6	0	6	1	2	0	3	0	6	0	6	0	0	0	0	15
09:15 AM	0	8	0	8	2	2	0	4	0	4	0	4	0	0	0	0	16
09:30 AM	0	5	0	5	1	1	1	3	0	9	0	9	0	0	0	0	17
09:45 AM	0	8	0	8	1	0	0	1	0	4	0	4	0	0	0	0	13
Total	0	27	0	27	5	5	1	11	0	23	0	23	0	0	0	0	61
Grand Total	0	96	3	99	19	24	1	44	0	98	0	98	0	0	0	0	241
Apprch %	0	97	3		43.2	54.5	2.3		0	100	0		0	0	0		
Total %	0	39.8	1.2	41.1	7.9	10	0.4	18.3	0	40.7	0	40.7	0	0	0	0	

Start Time	Hill Street Southbound				3rd Street Westbound				Hill Street Northbound				3rd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	8	0	8	3	2	0	5	0	9	0	9	0	0	0	0	22
07:45 AM	0	6	1	7	1	1	0	2	0	9	0	9	0	0	0	0	18
08:00 AM	0	9	0	9	2	3	0	5	0	11	0	11	0	0	0	0	25
08:15 AM	0	11	0	11	3	2	0	5	0	9	0	9	0	0	0	0	25
Total Volume	0	34	1	35	9	8	0	17	0	38	0	38	0	0	0	0	90
% App. Total	0	97.1	2.9		52.9	47.1	0		0	100	0		0	0	0		
PHF	.000	.773	.250	.795	.750	.667	.000	.850	.000	.864	.000	.864	.000	.000	.000	.000	.900

City of Los Angeles
 N/S: Hill Street
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 Weather: Clear

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

	07:30 AM				07:30 AM				07:30 AM				07:30 AM			
+0 mins.	0	8	0	8	3	2	0	5	0	9	0	9	0	0	0	0
+15 mins.	0	6	1	7	1	1	0	2	0	9	0	9	0	0	0	0
+30 mins.	0	9	0	9	2	3	0	5	0	11	0	11	0	0	0	0
+45 mins.	0	11	0	11	3	2	0	5	0	9	0	9	0	0	0	0
Total Volume	0	34	1	35	9	8	0	17	0	38	0	38	0	0	0	0
% App. Total	0	97.1	2.9		52.9	47.1	0		0	100	0		0	0	0	
PHF	.000	.773	.250	.795	.750	.667	.000	.850	.000	.864	.000	.864	.000	.000	.000	.000

City of Los Angeles
 N/S: Hill Street
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 Weather: Clear

File Name : LACHI3rPM
 Site Code : 20217215
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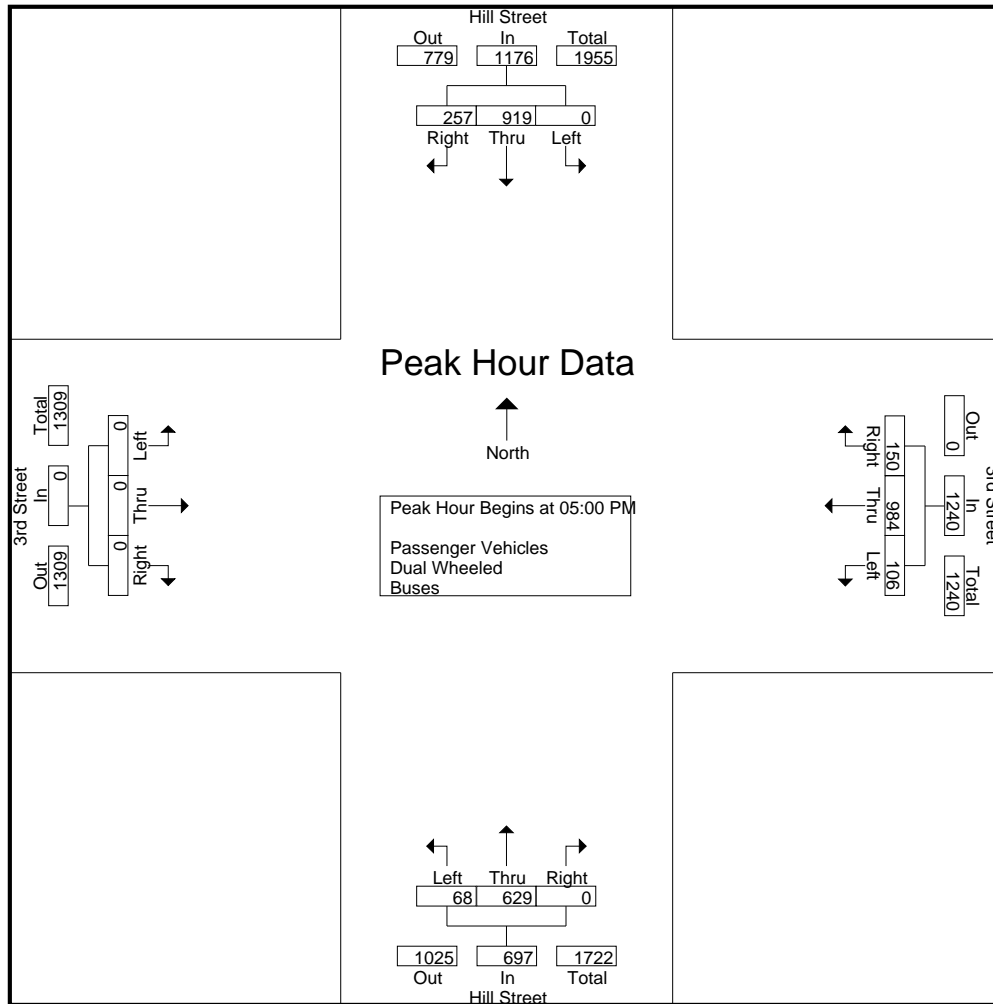
Groups Printed- Passenger Vehicles - Dual Wheeled - Buses

Start Time	Hill Street Southbound				3rd Street Westbound				Hill Street Northbound				3rd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
03:00 PM	0	221	53	274	32	259	31	322	23	105	0	128	0	0	0	0	724
03:15 PM	0	175	55	230	32	191	33	256	15	117	0	132	0	0	0	0	618
03:30 PM	0	229	69	298	33	214	40	287	13	97	0	110	0	0	0	0	695
03:45 PM	0	230	58	288	34	209	31	274	21	131	0	152	0	0	0	0	714
Total	0	855	235	1090	131	873	135	1139	72	450	0	522	0	0	0	0	2751
04:00 PM	0	208	54	262	32	260	38	330	17	125	0	142	0	0	0	0	734
04:15 PM	0	242	64	306	36	242	27	305	23	140	0	163	0	0	0	0	774
04:30 PM	0	218	56	274	32	255	39	326	17	122	0	139	0	0	0	0	739
04:45 PM	0	253	55	308	34	235	37	306	14	137	0	151	0	0	0	0	765
Total	0	921	229	1150	134	992	141	1267	71	524	0	595	0	0	0	0	3012
05:00 PM	0	244	71	315	34	255	42	331	15	135	0	150	0	0	0	0	796
05:15 PM	0	212	68	280	25	213	37	275	11	179	0	190	0	0	0	0	745
05:30 PM	0	240	59	299	28	226	36	290	23	151	0	174	0	0	0	0	763
05:45 PM	0	223	59	282	19	290	35	344	19	164	0	183	0	0	0	0	809
Total	0	919	257	1176	106	984	150	1240	68	629	0	697	0	0	0	0	3113
Grand Total	0	2695	721	3416	371	2849	426	3646	211	1603	0	1814	0	0	0	0	8876
Apprch %	0	78.9	21.1		10.2	78.1	11.7		11.6	88.4	0		0	0	0		
Total %	0	30.4	8.1	38.5	4.2	32.1	4.8	41.1	2.4	18.1	0	20.4	0	0	0	0	
Passenger Vehicles	0	2566	718	3284	343	2829	422	3594	207	1486	0	1693	0	0	0	0	8571
% Passenger Vehicles	0	95.2	99.6	96.1	92.5	99.3	99.1	98.6	98.1	92.7	0	93.3	0	0	0	0	96.6
Dual Wheeled	0	27	3	30	6	11	3	20	3	9	0	12	0	0	0	0	62
% Dual Wheeled	0	1	0.4	0.9	1.6	0.4	0.7	0.5	1.4	0.6	0	0.7	0	0	0	0	0.7
Buses	0	102	0	102	22	9	1	32	1	108	0	109	0	0	0	0	243
% Buses	0	3.8	0	3	5.9	0.3	0.2	0.9	0.5	6.7	0	6	0	0	0	0	2.7

Start Time	Hill Street Southbound				3rd Street Westbound				Hill Street Northbound				3rd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	244	71	315	34	255	42	331	15	135	0	150	0	0	0	0	796
05:15 PM	0	212	68	280	25	213	37	275	11	179	0	190	0	0	0	0	745
05:30 PM	0	240	59	299	28	226	36	290	23	151	0	174	0	0	0	0	763
05:45 PM	0	223	59	282	19	290	35	344	19	164	0	183	0	0	0	0	809
Total Volume	0	919	257	1176	106	984	150	1240	68	629	0	697	0	0	0	0	3113
% App. Total	0	78.1	21.9		8.5	79.4	12.1		9.8	90.2	0		0	0	0		
PHF	.000	.942	.905	.933	.779	.848	.893	.901	.739	.878	.000	.917	.000	.000	.000	.000	.962

City of Los Angeles
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 Weather: Clear

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Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	04:15 PM				04:15 PM				05:00 PM				03:00 PM			
+0 mins.	0	242	64	306	36	242	27	305	15	135	0	150	0	0	0	0
+15 mins.	0	218	56	274	32	255	39	326	11	179	0	190	0	0	0	0
+30 mins.	0	253	55	308	34	235	37	306	23	151	0	174	0	0	0	0
+45 mins.	0	244	71	315	34	255	42	331	19	164	0	183	0	0	0	0
Total Volume	0	957	246	1203	136	987	145	1268	68	629	0	697	0	0	0	0
% App. Total	0	79.6	20.4		10.7	77.8	11.4		9.8	90.2	0		0	0	0	
PHF	.000	.946	.866	.955	.944	.968	.863	.958	.739	.878	.000	.917	.000	.000	.000	.000

City of Los Angeles
 N/S: Hill Street
 E/W: 3rd Street
 Weather: Clear

File Name : LACHI3rPM
 Site Code : 20217215
 Start Date : 4/6/2017
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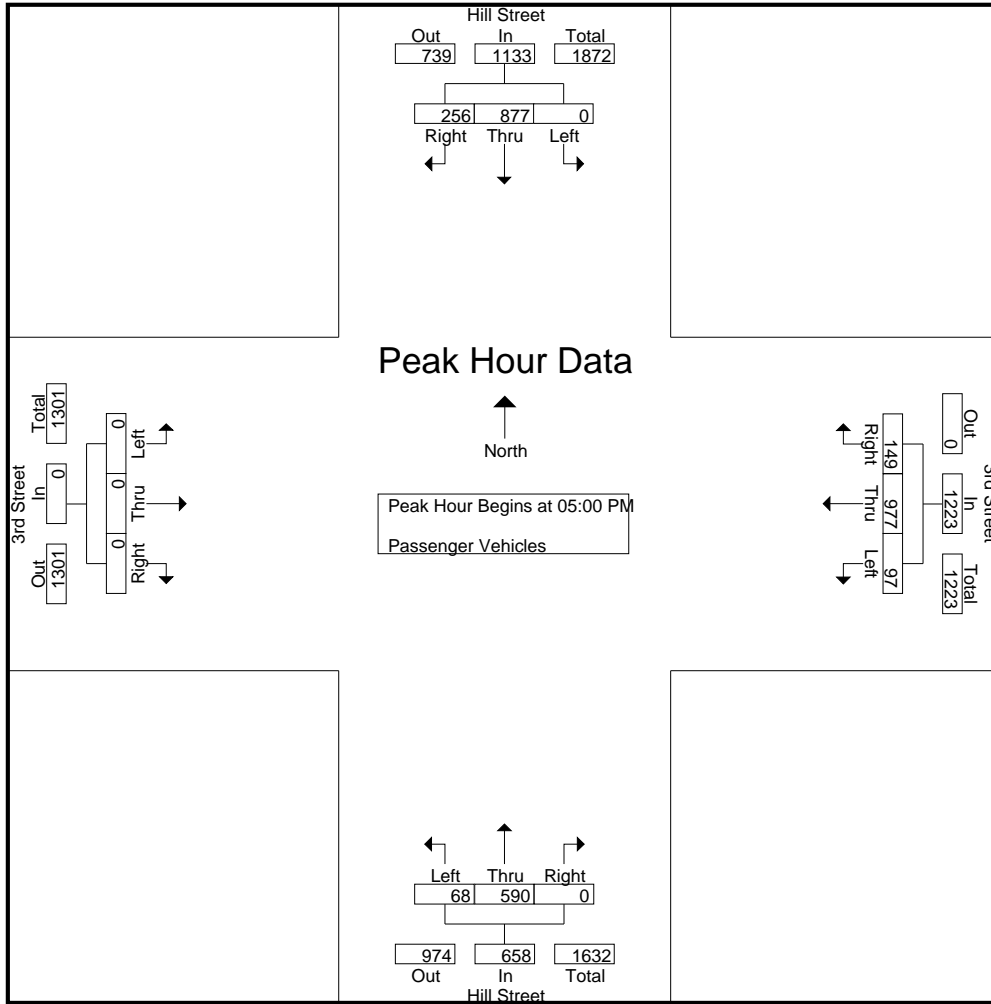
Groups Printed- Passenger Vehicles

Start Time	Hill Street Southbound				3rd Street Westbound				Hill Street Northbound				3rd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
03:00 PM	0	212	51	263	29	256	31	316	22	95	0	117	0	0	0	0	696
03:15 PM	0	167	55	222	32	188	31	251	14	109	0	123	0	0	0	0	596
03:30 PM	0	217	69	286	28	214	40	282	13	90	0	103	0	0	0	0	671
03:45 PM	0	217	58	275	32	208	31	271	21	124	0	145	0	0	0	0	691
Total	0	813	233	1046	121	866	133	1120	70	418	0	488	0	0	0	0	2654
04:00 PM	0	201	54	255	28	257	38	323	17	111	0	128	0	0	0	0	706
04:15 PM	0	230	64	294	35	240	27	302	23	129	0	152	0	0	0	0	748
04:30 PM	0	205	56	261	30	254	38	322	15	110	0	125	0	0	0	0	708
04:45 PM	0	240	55	295	32	235	37	304	14	128	0	142	0	0	0	0	741
Total	0	876	229	1105	125	986	140	1251	69	478	0	547	0	0	0	0	2903
05:00 PM	0	232	71	303	29	253	41	323	15	126	0	141	0	0	0	0	767
05:15 PM	0	201	68	269	23	212	37	272	11	166	0	177	0	0	0	0	718
05:30 PM	0	231	58	289	27	224	36	287	23	145	0	168	0	0	0	0	744
05:45 PM	0	213	59	272	18	288	35	341	19	153	0	172	0	0	0	0	785
Total	0	877	256	1133	97	977	149	1223	68	590	0	658	0	0	0	0	3014
Grand Total	0	2566	718	3284	343	2829	422	3594	207	1486	0	1693	0	0	0	0	8571
Apprch %	0	78.1	21.9		9.5	78.7	11.7		12.2	87.8	0		0	0	0		
Total %	0	29.9	8.4	38.3	4	33	4.9	41.9	2.4	17.3	0	19.8	0	0	0	0	

Start Time	Hill Street Southbound				3rd Street Westbound				Hill Street Northbound				3rd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	232	71	303	29	253	41	323	15	126	0	141	0	0	0	0	767
05:15 PM	0	201	68	269	23	212	37	272	11	166	0	177	0	0	0	0	718
05:30 PM	0	231	58	289	27	224	36	287	23	145	0	168	0	0	0	0	744
05:45 PM	0	213	59	272	18	288	35	341	19	153	0	172	0	0	0	0	785
Total Volume	0	877	256	1133	97	977	149	1223	68	590	0	658	0	0	0	0	3014
% App. Total	0	77.4	22.6		7.9	79.9	12.2		10.3	89.7	0		0	0	0		
PHF	.000	.945	.901	.935	.836	.848	.909	.897	.739	.889	.000	.929	.000	.000	.000	.000	.960

City of Los Angeles
 N/S: Hill Street
 E/W: 3rd Street
 Weather: Clear

File Name : LACHI3rPM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 2



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

	05:00 PM				05:00 PM				05:00 PM				05:00 PM			
+0 mins.	0	232	71	303	29	253	41	323	15	126	0	141	0	0	0	0
+15 mins.	0	201	68	269	23	212	37	272	11	166	0	177	0	0	0	0
+30 mins.	0	231	58	289	27	224	36	287	23	145	0	168	0	0	0	0
+45 mins.	0	213	59	272	18	288	35	341	19	153	0	172	0	0	0	0
Total Volume	0	877	256	1133	97	977	149	1223	68	590	0	658	0	0	0	0
% App. Total	0	77.4	22.6		7.9	79.9	12.2		10.3	89.7	0		0	0	0	
PHF	.000	.945	.901	.935	.836	.848	.909	.897	.739	.889	.000	.929	.000	.000	.000	.000

City of Los Angeles
 N/S: Hill Street
 E/W: 3rd Street
 Weather: Clear

File Name : LACHI3rPM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

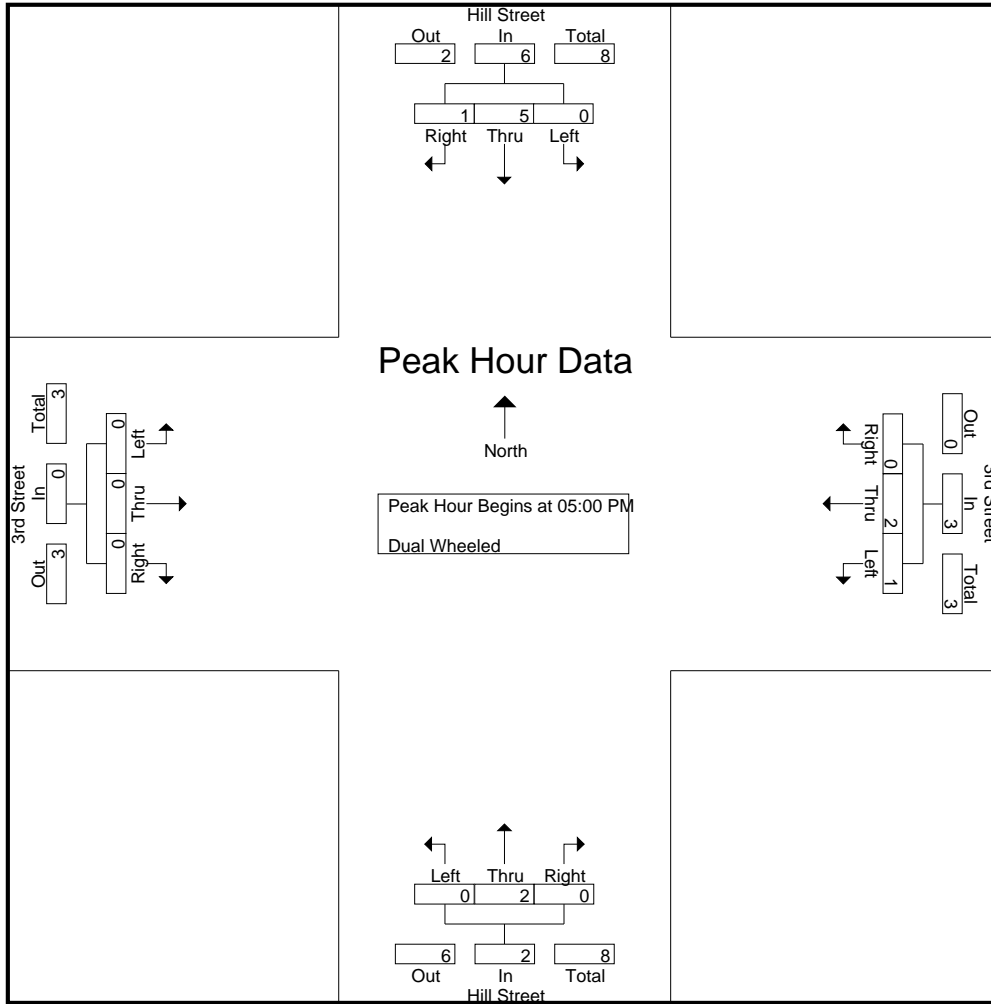
Groups Printed- Dual Wheeled

Start Time	Hill Street Southbound				3rd Street Westbound				Hill Street Northbound				3rd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
03:00 PM	0	1	2	3	1	2	0	3	0	0	0	0	0	0	0	0	6
03:15 PM	0	3	0	3	0	1	2	3	1	0	0	1	0	0	0	0	7
03:30 PM	0	3	0	3	1	0	0	1	0	1	0	1	0	0	0	0	5
03:45 PM	0	5	0	5	1	1	0	2	0	1	0	1	0	0	0	0	8
Total	0	12	2	14	3	4	2	9	1	2	0	3	0	0	0	0	26
04:00 PM	0	1	0	1	2	3	0	5	0	2	0	2	0	0	0	0	8
04:15 PM	0	1	0	1	0	2	0	2	0	1	0	1	0	0	0	0	4
04:30 PM	0	4	0	4	0	0	1	1	2	2	0	4	0	0	0	0	9
04:45 PM	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4
Total	0	10	0	10	2	5	1	8	2	5	0	7	0	0	0	0	25
05:00 PM	0	2	0	2	1	1	0	2	0	0	0	0	0	0	0	0	4
05:15 PM	0	1	0	1	0	0	0	0	0	1	0	1	0	0	0	0	2
05:30 PM	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	2
05:45 PM	0	1	0	1	0	1	0	1	0	1	0	1	0	0	0	0	3
Total	0	5	1	6	1	2	0	3	0	2	0	2	0	0	0	0	11
Grand Total	0	27	3	30	6	11	3	20	3	9	0	12	0	0	0	0	62
Apprch %	0	90	10		30	55	15		25	75	0		0	0	0		
Total %	0	43.5	4.8	48.4	9.7	17.7	4.8	32.3	4.8	14.5	0	19.4	0	0	0	0	

Start Time	Hill Street Southbound				3rd Street Westbound				Hill Street Northbound				3rd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	2	0	2	1	1	0	2	0	0	0	0	0	0	0	0	4
05:15 PM	0	1	0	1	0	0	0	0	0	1	0	1	0	0	0	0	2
05:30 PM	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	2
05:45 PM	0	1	0	1	0	1	0	1	0	1	0	1	0	0	0	0	3
Total Volume	0	5	1	6	1	2	0	3	0	2	0	2	0	0	0	0	11
% App. Total	0	83.3	16.7		33.3	66.7	0		0	100	0		0	0	0		
PHF	.000	.625	.250	.750	.250	.500	.000	.375	.000	.500	.000	.500	.000	.000	.000	.000	.688

City of Los Angeles
 N/S: Hill Street
 E/W: 3rd Street
 Weather: Clear

File Name : LACHI3rPM
 Site Code : 20217215
 Start Date : 4/6/2017
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Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	05:00 PM				05:00 PM				05:00 PM				05:00 PM			
+0 mins.	0	2	0	2	1	1	0	2	0	0	0	0	0	0	0	0
+15 mins.	0	1	0	1	0	0	0	0	0	1	0	1	0	0	0	0
+30 mins.	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0
+45 mins.	0	1	0	1	0	1	0	1	0	1	0	1	0	0	0	0
Total Volume	0	5	1	6	1	2	0	3	0	2	0	2	0	0	0	0
% App. Total	0	83.3	16.7		33.3	66.7	0		0	100	0		0	0	0	
PHF	.000	.625	.250	.750	.250	.500	.000	.375	.000	.500	.000	.500	.000	.000	.000	.000

City of Los Angeles
 N/S: Hill Street
 E/W: 3rd Street
 Weather: Clear

File Name : LACHI3rPM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

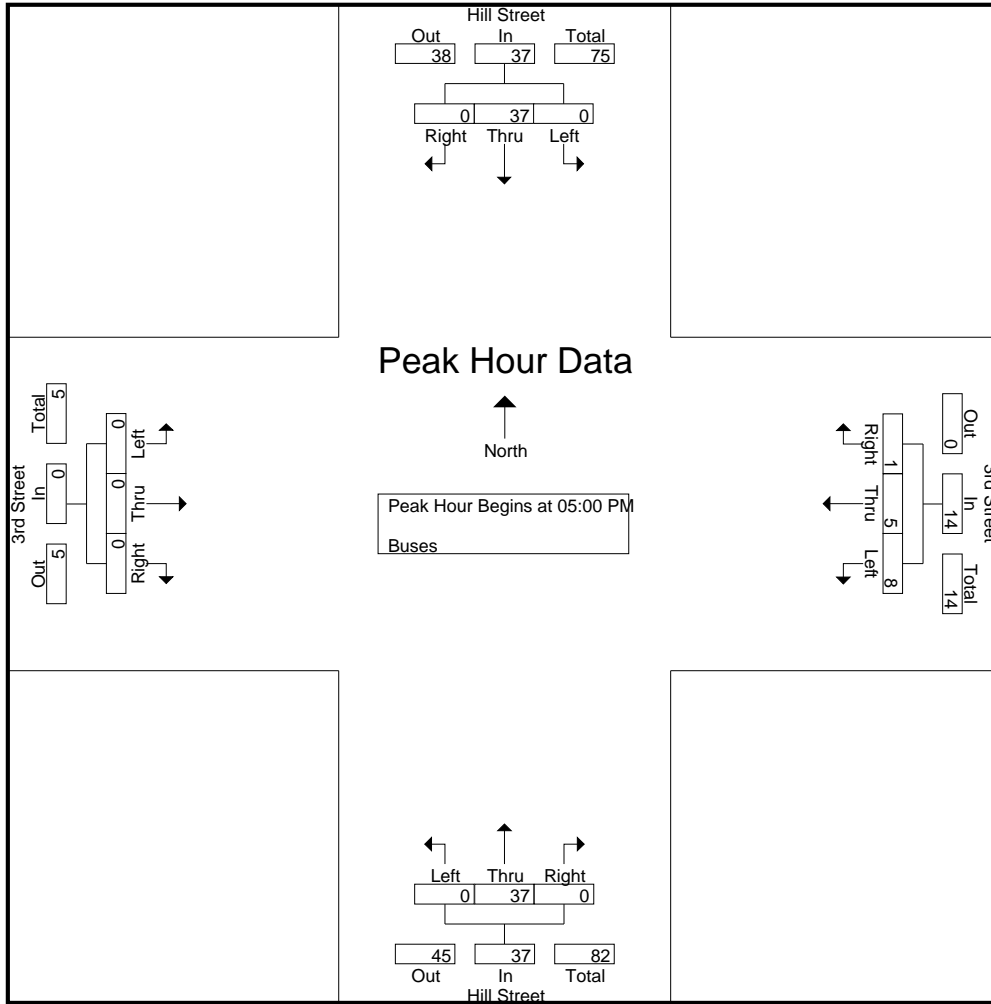
Groups Printed- Buses

Start Time	Hill Street Southbound				3rd Street Westbound				Hill Street Northbound				3rd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
03:00 PM	0	8	0	8	2	1	0	3	1	10	0	11	0	0	0	0	22
03:15 PM	0	5	0	5	0	2	0	2	0	8	0	8	0	0	0	0	15
03:30 PM	0	9	0	9	4	0	0	4	0	6	0	6	0	0	0	0	19
03:45 PM	0	8	0	8	1	0	0	1	0	6	0	6	0	0	0	0	15
Total	0	30	0	30	7	3	0	10	1	30	0	31	0	0	0	0	71
04:00 PM	0	6	0	6	2	0	0	2	0	12	0	12	0	0	0	0	20
04:15 PM	0	11	0	11	1	0	0	1	0	10	0	10	0	0	0	0	22
04:30 PM	0	9	0	9	2	1	0	3	0	10	0	10	0	0	0	0	22
04:45 PM	0	9	0	9	2	0	0	2	0	9	0	9	0	0	0	0	20
Total	0	35	0	35	7	1	0	8	0	41	0	41	0	0	0	0	84
05:00 PM	0	10	0	10	4	1	1	6	0	9	0	9	0	0	0	0	25
05:15 PM	0	10	0	10	2	1	0	3	0	12	0	12	0	0	0	0	25
05:30 PM	0	8	0	8	1	2	0	3	0	6	0	6	0	0	0	0	17
05:45 PM	0	9	0	9	1	1	0	2	0	10	0	10	0	0	0	0	21
Total	0	37	0	37	8	5	1	14	0	37	0	37	0	0	0	0	88
Grand Total	0	102	0	102	22	9	1	32	1	108	0	109	0	0	0	0	243
Apprch %	0	100	0		68.8	28.1	3.1		0.9	99.1	0		0	0	0		
Total %	0	42	0	42	9.1	3.7	0.4	13.2	0.4	44.4	0	44.9	0	0	0	0	

Start Time	Hill Street Southbound				3rd Street Westbound				Hill Street Northbound				3rd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	10	0	10	4	1	1	6	0	9	0	9	0	0	0	0	25
05:15 PM	0	10	0	10	2	1	0	3	0	12	0	12	0	0	0	0	25
05:30 PM	0	8	0	8	1	2	0	3	0	6	0	6	0	0	0	0	17
05:45 PM	0	9	0	9	1	1	0	2	0	10	0	10	0	0	0	0	21
Total Volume	0	37	0	37	8	5	1	14	0	37	0	37	0	0	0	0	88
% App. Total	0	100	0		57.1	35.7	7.1		0	100	0		0	0	0		
PHF	.000	.925	.000	.925	.500	.625	.250	.583	.000	.771	.000	.771	.000	.000	.000	.000	.880

City of Los Angeles
 N/S: Hill Street
 E/W: 3rd Street
 Weather: Clear

File Name : LACHI3rPM
 Site Code : 20217215
 Start Date : 4/6/2017
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Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	05:00 PM				05:00 PM				05:00 PM				05:00 PM			
+0 mins.	0	10	0	10	4	1	1	6	0	9	0	9	0	0	0	0
+15 mins.	0	10	0	10	2	1	0	3	0	12	0	12	0	0	0	0
+30 mins.	0	8	0	8	1	2	0	3	0	6	0	6	0	0	0	0
+45 mins.	0	9	0	9	1	1	0	2	0	10	0	10	0	0	0	0
Total Volume	0	37	0	37	8	5	1	14	0	37	0	37	0	0	0	0
% App. Total	0	100	0		57.1	35.7	7.1		0	100	0		0	0	0	
PHF	.000	.925	.000	.925	.500	.625	.250	.583	.000	.771	.000	.771	.000	.000	.000	.000

City of Los Angeles
 N/S: Broadway
 E/W: 3rd Street
 Weather: Clear

File Name : LACBR3rAM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

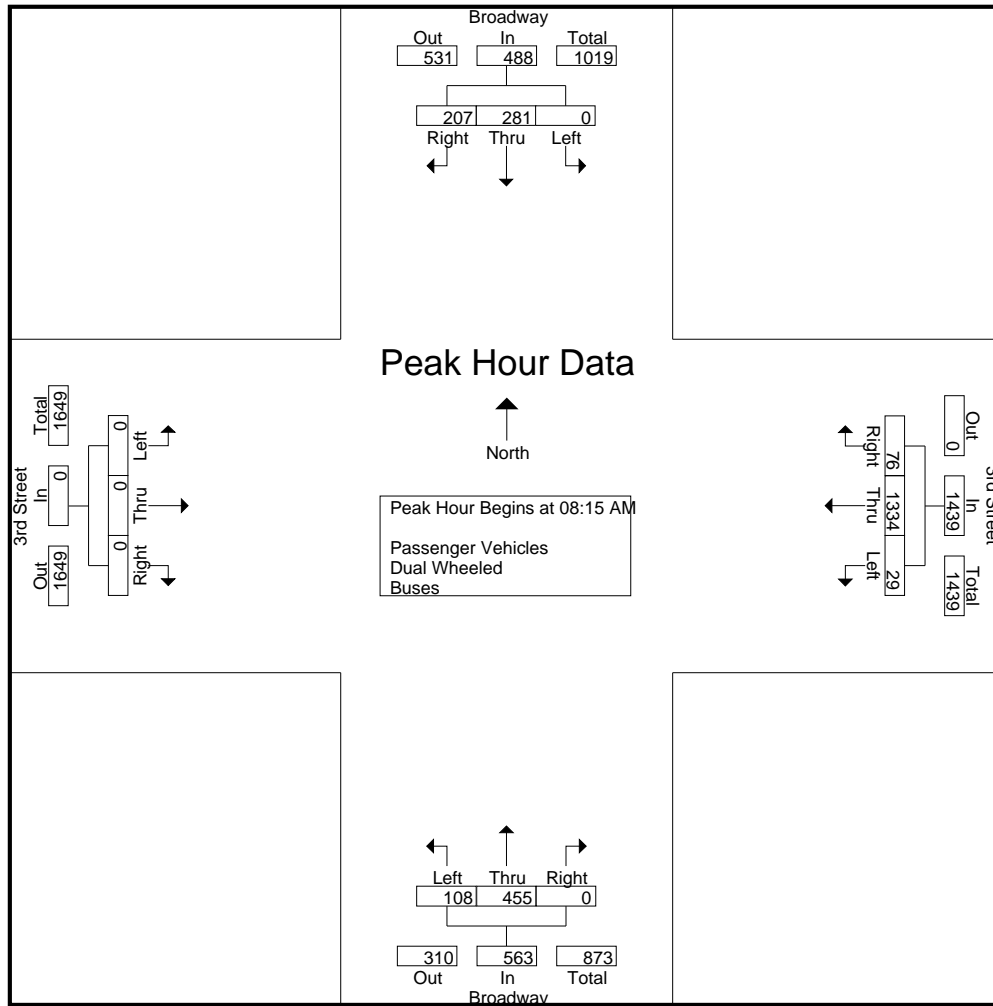
Groups Printed- Passenger Vehicles - Dual Wheeled - Buses

Start Time	Broadway Southbound				3rd Street Westbound				Broadway Northbound				3rd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	0	64	20	84	5	338	7	350	19	76	0	95	0	0	0	0	529
07:15 AM	0	54	27	81	2	394	11	407	13	94	0	107	0	0	0	0	595
07:30 AM	0	54	32	86	4	322	14	340	21	83	0	104	0	0	0	0	530
07:45 AM	0	55	31	86	5	346	19	370	28	113	0	141	0	0	0	0	597
Total	0	227	110	337	16	1400	51	1467	81	366	0	447	0	0	0	0	2251
08:00 AM	0	72	36	108	4	340	19	363	13	118	0	131	0	0	0	0	602
08:15 AM	0	68	48	116	10	357	21	388	24	101	0	125	0	0	0	0	629
08:30 AM	0	73	51	124	5	339	15	359	22	107	0	129	0	0	0	0	612
08:45 AM	0	69	48	117	4	332	22	358	29	118	0	147	0	0	0	0	622
Total	0	282	183	465	23	1368	77	1468	88	444	0	532	0	0	0	0	2465
09:00 AM	0	71	60	131	10	306	18	334	33	129	0	162	0	0	0	0	627
09:15 AM	0	83	28	111	12	292	20	324	21	84	0	105	0	0	0	0	540
09:30 AM	0	73	39	112	8	329	19	356	24	87	0	111	0	0	0	0	579
09:45 AM	0	104	38	142	10	233	24	267	23	80	0	103	0	0	0	0	512
Total	0	331	165	496	40	1160	81	1281	101	380	0	481	0	0	0	0	2258
Grand Total	0	840	458	1298	79	3928	209	4216	270	1190	0	1460	0	0	0	0	6974
Apprch %	0	64.7	35.3		1.9	93.2	5		18.5	81.5	0		0	0	0		
Total %	0	12	6.6	18.6	1.1	56.3	3	60.5	3.9	17.1	0	20.9	0	0	0	0	
Passenger Vehicles	0	799	447	1246	78	3847	203	4128	258	1025	0	1283	0	0	0	0	6657
% Passenger Vehicles	0	95.1	97.6	96	98.7	97.9	97.1	97.9	95.6	86.1	0	87.9	0	0	0	0	95.5
Dual Wheeled	0	38	8	46	1	48	6	55	12	54	0	66	0	0	0	0	167
% Dual Wheeled	0	4.5	1.7	3.5	1.3	1.2	2.9	1.3	4.4	4.5	0	4.5	0	0	0	0	2.4
Buses	0	3	3	6	0	33	0	33	0	111	0	111	0	0	0	0	150
% Buses	0	0.4	0.7	0.5	0	0.8	0	0.8	0	9.3	0	7.6	0	0	0	0	2.2

Start Time	Broadway Southbound				3rd Street Westbound				Broadway Northbound				3rd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:15 AM																	
08:15 AM	0	68	48	116	10	357	21	388	24	101	0	125	0	0	0	0	629
08:30 AM	0	73	51	124	5	339	15	359	22	107	0	129	0	0	0	0	612
08:45 AM	0	69	48	117	4	332	22	358	29	118	0	147	0	0	0	0	622
09:00 AM	0	71	60	131	10	306	18	334	33	129	0	162	0	0	0	0	627
Total Volume	0	281	207	488	29	1334	76	1439	108	455	0	563	0	0	0	0	2490
% App. Total	0	57.6	42.4		2	92.7	5.3		19.2	80.8	0		0	0	0		
PHF	.000	.962	.863	.931	.725	.934	.864	.927	.818	.882	.000	.869	.000	.000	.000	.000	.990

City of Los Angeles
 N/S: Broadway
 E/W: 3rd Street
 Weather: Clear

File Name : LACBR3rAM
 Site Code : 20217215
 Start Date : 4/6/2017
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Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	09:00 AM				07:15 AM				08:15 AM				07:00 AM			
+0 mins.	0	71	60	131	2	394	11	407	24	101	0	125	0	0	0	0
+15 mins.	0	83	28	111	4	322	14	340	22	107	0	129	0	0	0	0
+30 mins.	0	73	39	112	5	346	19	370	29	118	0	147	0	0	0	0
+45 mins.	0	104	38	142	4	340	19	363	33	129	0	162	0	0	0	0
Total Volume	0	331	165	496	15	1402	63	1480	108	455	0	563	0	0	0	0
% App. Total	0	66.7	33.3		1	94.7	4.3		19.2	80.8	0		0	0	0	
PHF	.000	.796	.688	.873	.750	.890	.829	.909	.818	.882	.000	.869	.000	.000	.000	.000

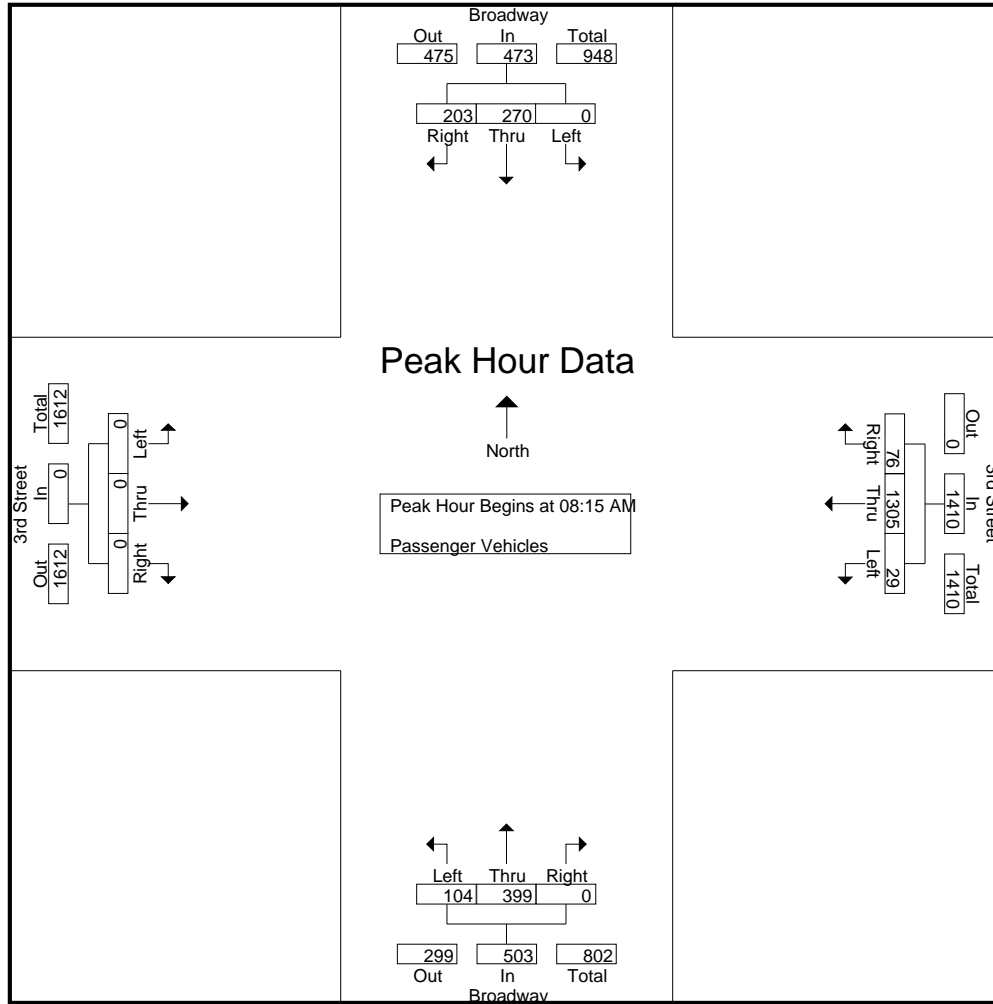
City of Los Angeles
 N/S: Broadway
 E/W: 3rd Street
 Weather: Clear

File Name : LACBR3rAM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

Groups Printed- Passenger Vehicles

Start Time	Broadway Southbound				3rd Street Westbound				Broadway Northbound				3rd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	0	58	20	78	5	329	7	341	17	58	0	75	0	0	0	0	494
07:15 AM	0	50	25	75	2	387	10	399	13	80	0	93	0	0	0	0	567
07:30 AM	0	49	32	81	4	317	14	335	20	66	0	86	0	0	0	0	502
07:45 AM	0	51	31	82	5	341	19	365	28	92	0	120	0	0	0	0	567
Total	0	208	108	316	16	1374	50	1440	78	296	0	374	0	0	0	0	2130
08:00 AM	0	70	35	105	4	333	18	355	11	104	0	115	0	0	0	0	575
08:15 AM	0	63	46	109	10	348	21	379	24	84	0	108	0	0	0	0	596
08:30 AM	0	70	51	121	5	331	15	351	21	95	0	116	0	0	0	0	588
08:45 AM	0	68	46	114	4	328	22	354	28	106	0	134	0	0	0	0	602
Total	0	271	178	449	23	1340	76	1439	84	389	0	473	0	0	0	0	2361
09:00 AM	0	69	60	129	10	298	18	326	31	114	0	145	0	0	0	0	600
09:15 AM	0	79	25	104	12	287	18	317	21	77	0	98	0	0	0	0	519
09:30 AM	0	72	38	110	7	322	17	346	22	79	0	101	0	0	0	0	557
09:45 AM	0	100	38	138	10	226	24	260	22	70	0	92	0	0	0	0	490
Total	0	320	161	481	39	1133	77	1249	96	340	0	436	0	0	0	0	2166
Grand Total	0	799	447	1246	78	3847	203	4128	258	1025	0	1283	0	0	0	0	6657
Apprch %	0	64.1	35.9		1.9	93.2	4.9		20.1	79.9	0		0	0	0		
Total %	0	12	6.7	18.7	1.2	57.8	3	62	3.9	15.4	0	19.3	0	0	0	0	

Start Time	Broadway Southbound				3rd Street Westbound				Broadway Northbound				3rd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 08:15 AM to 09:00 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:15 AM																	
08:15 AM	0	63	46	109	10	348	21	379	24	84	0	108	0	0	0	0	596
08:30 AM	0	70	51	121	5	331	15	351	21	95	0	116	0	0	0	0	588
08:45 AM	0	68	46	114	4	328	22	354	28	106	0	134	0	0	0	0	602
09:00 AM	0	69	60	129	10	298	18	326	31	114	0	145	0	0	0	0	600
Total Volume	0	270	203	473	29	1305	76	1410	104	399	0	503	0	0	0	0	2386
% App. Total	0	57.1	42.9		2.1	92.6	5.4		20.7	79.3	0		0	0	0		
PHF	.000	.964	.846	.917	.725	.938	.864	.930	.839	.875	.000	.867	.000	.000	.000	.000	.991



Peak Hour Analysis From 08:15 AM to 09:00 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	08:15 AM				08:15 AM				08:15 AM				08:15 AM			
+0 mins.	0	63	46	109	10	348	21	379	24	84	0	108	0	0	0	0
+15 mins.	0	70	51	121	5	331	15	351	21	95	0	116	0	0	0	0
+30 mins.	0	68	46	114	4	328	22	354	28	106	0	134	0	0	0	0
+45 mins.	0	69	60	129	10	298	18	326	31	114	0	145	0	0	0	0
Total Volume	0	270	203	473	29	1305	76	1410	104	399	0	503	0	0	0	0
% App. Total	0	57.1	42.9		2.1	92.6	5.4		20.7	79.3	0		0	0	0	
PHF	.000	.964	.846	.917	.725	.938	.864	.930	.839	.875	.000	.867	.000	.000	.000	.000

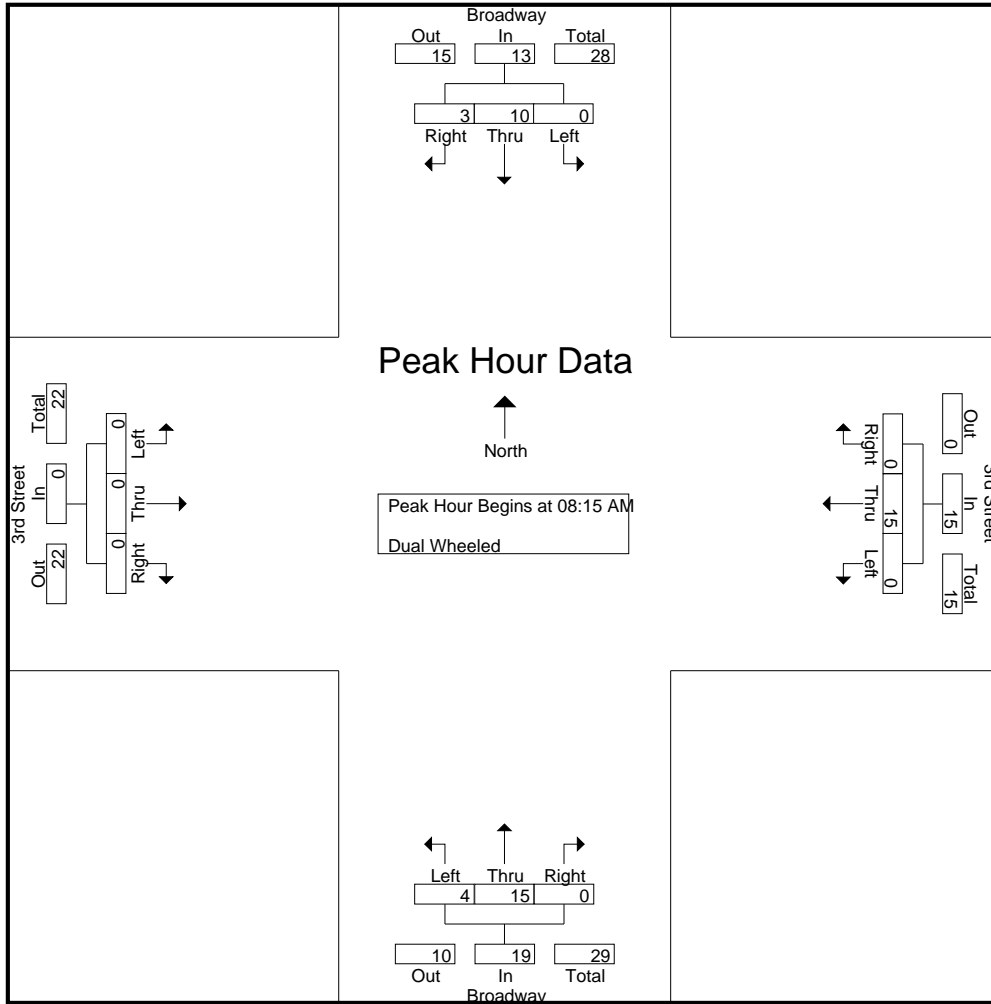
City of Los Angeles
 N/S: Broadway
 E/W: 3rd Street
 Weather: Clear

File Name : LACBR3rAM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

Groups Printed- Dual Wheeled

Start Time	Broadway Southbound				3rd Street Westbound				Broadway Northbound				3rd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	0	5	0	5	0	6	0	6	2	6	0	8	0	0	0	0	19
07:15 AM	0	4	2	6	0	4	1	5	0	1	0	1	0	0	0	0	12
07:30 AM	0	5	0	5	0	2	0	2	1	10	0	11	0	0	0	0	18
07:45 AM	0	4	0	4	0	3	0	3	0	11	0	11	0	0	0	0	18
Total	0	18	2	20	0	15	1	16	3	28	0	31	0	0	0	0	67
08:00 AM	0	2	1	3	0	4	1	5	2	5	0	7	0	0	0	0	15
08:15 AM	0	5	2	7	0	5	0	5	0	1	0	1	0	0	0	0	13
08:30 AM	0	2	0	2	0	3	0	3	1	3	0	4	0	0	0	0	9
08:45 AM	0	1	1	2	0	1	0	1	1	4	0	5	0	0	0	0	8
Total	0	10	4	14	0	13	1	14	4	13	0	17	0	0	0	0	45
09:00 AM	0	2	0	2	0	6	0	6	2	7	0	9	0	0	0	0	17
09:15 AM	0	3	1	4	0	3	2	5	0	1	0	1	0	0	0	0	10
09:30 AM	0	1	1	2	1	4	2	7	2	1	0	3	0	0	0	0	12
09:45 AM	0	4	0	4	0	7	0	7	1	4	0	5	0	0	0	0	16
Total	0	10	2	12	1	20	4	25	5	13	0	18	0	0	0	0	55
Grand Total	0	38	8	46	1	48	6	55	12	54	0	66	0	0	0	0	167
Apprch %	0	82.6	17.4		1.8	87.3	10.9		18.2	81.8	0		0	0	0		
Total %	0	22.8	4.8	27.5	0.6	28.7	3.6	32.9	7.2	32.3	0	39.5	0	0	0	0	

Start Time	Broadway Southbound				3rd Street Westbound				Broadway Northbound				3rd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 08:15 AM to 09:00 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:15 AM																	
08:15 AM	0	5	2	7	0	5	0	5	0	1	0	1	0	0	0	0	13
08:30 AM	0	2	0	2	0	3	0	3	1	3	0	4	0	0	0	0	9
08:45 AM	0	1	1	2	0	1	0	1	1	4	0	5	0	0	0	0	8
09:00 AM	0	2	0	2	0	6	0	6	2	7	0	9	0	0	0	0	17
Total Volume	0	10	3	13	0	15	0	15	4	15	0	19	0	0	0	0	47
% App. Total	0	76.9	23.1		0	100	0		21.1	78.9	0		0	0	0		
PHF	.000	.500	.375	.464	.000	.625	.000	.625	.500	.536	.000	.528	.000	.000	.000	.000	.691



Peak Hour Analysis From 08:15 AM to 09:00 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	08:15 AM				08:15 AM				08:15 AM				08:15 AM			
+0 mins.	0	5	2	7	0	5	0	5	0	1	0	1	0	0	0	0
+15 mins.	0	2	0	2	0	3	0	3	1	3	0	4	0	0	0	0
+30 mins.	0	1	1	2	0	1	0	1	1	4	0	5	0	0	0	0
+45 mins.	0	2	0	2	0	6	0	6	2	7	0	9	0	0	0	0
Total Volume	0	10	3	13	0	15	0	15	4	15	0	19	0	0	0	0
% App. Total	0	76.9	23.1		0	100	0		21.1	78.9	0		0	0	0	
PHF	.000	.500	.375	.464	.000	.625	.000	.625	.500	.536	.000	.528	.000	.000	.000	.000

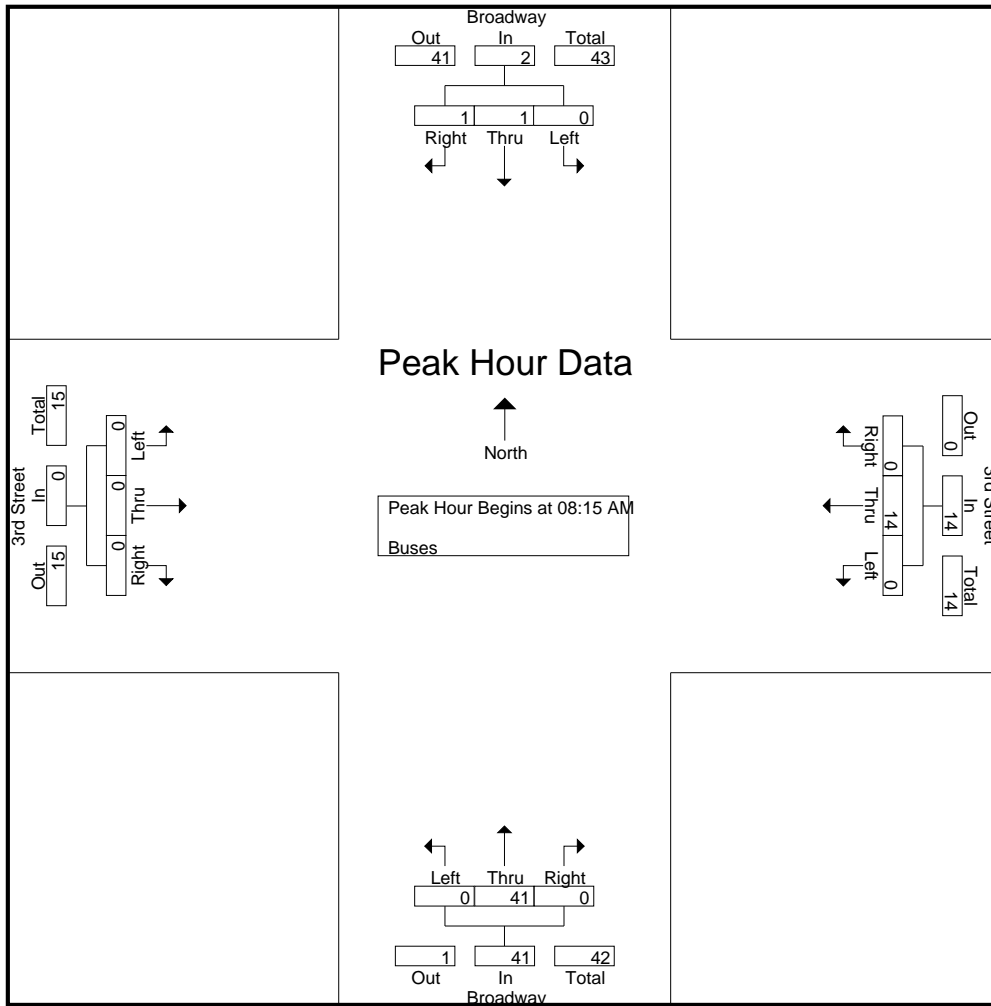
City of Los Angeles
 N/S: Broadway
 E/W: 3rd Street
 Weather: Clear

File Name : LACBR3rAM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

Groups Printed- Buses

Start Time	Broadway Southbound				3rd Street Westbound				Broadway Northbound				3rd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	0	1	0	1	0	3	0	3	0	12	0	12	0	0	0	0	16
07:15 AM	0	0	0	0	0	3	0	3	0	13	0	13	0	0	0	0	16
07:30 AM	0	0	0	0	0	3	0	3	0	7	0	7	0	0	0	0	10
07:45 AM	0	0	0	0	0	2	0	2	0	10	0	10	0	0	0	0	12
Total	0	1	0	1	0	11	0	11	0	42	0	42	0	0	0	0	54
08:00 AM	0	0	0	0	0	3	0	3	0	9	0	9	0	0	0	0	12
08:15 AM	0	0	0	0	0	4	0	4	0	16	0	16	0	0	0	0	20
08:30 AM	0	1	0	1	0	5	0	5	0	9	0	9	0	0	0	0	15
08:45 AM	0	0	1	1	0	3	0	3	0	8	0	8	0	0	0	0	12
Total	0	1	1	2	0	15	0	15	0	42	0	42	0	0	0	0	59
09:00 AM	0	0	0	0	0	2	0	2	0	8	0	8	0	0	0	0	10
09:15 AM	0	1	2	3	0	2	0	2	0	6	0	6	0	0	0	0	11
09:30 AM	0	0	0	0	0	3	0	3	0	7	0	7	0	0	0	0	10
09:45 AM	0	0	0	0	0	0	0	0	0	6	0	6	0	0	0	0	6
Total	0	1	2	3	0	7	0	7	0	27	0	27	0	0	0	0	37
Grand Total	0	3	3	6	0	33	0	33	0	111	0	111	0	0	0	0	150
Apprch %	0	50	50		0	100	0		0	100	0		0	0	0		
Total %	0	2	2	4	0	22	0	22	0	74	0	74	0	0	0	0	

Start Time	Broadway Southbound				3rd Street Westbound				Broadway Northbound				3rd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 08:15 AM to 09:00 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:15 AM																	
08:15 AM	0	0	0	0	0	4	0	4	0	16	0	16	0	0	0	0	20
08:30 AM	0	1	0	1	0	5	0	5	0	9	0	9	0	0	0	0	15
08:45 AM	0	0	1	1	0	3	0	3	0	8	0	8	0	0	0	0	12
09:00 AM	0	0	0	0	0	2	0	2	0	8	0	8	0	0	0	0	10
Total Volume	0	1	1	2	0	14	0	14	0	41	0	41	0	0	0	0	57
% App. Total	0	50	50		0	100	0		0	100	0		0	0	0		
PHF	.000	.250	.250	.500	.000	.700	.000	.700	.000	.641	.000	.641	.000	.000	.000	.000	.713



Peak Hour Analysis From 08:15 AM to 09:00 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	08:15 AM				08:15 AM				08:15 AM				08:15 AM			
+0 mins.	0	0	0	0	0	4	0	4	0	16	0	16	0	0	0	0
+15 mins.	0	1	0	1	0	5	0	5	0	9	0	9	0	0	0	0
+30 mins.	0	0	1	1	0	3	0	3	0	8	0	8	0	0	0	0
+45 mins.	0	0	0	0	0	2	0	2	0	8	0	8	0	0	0	0
Total Volume	0	1	1	2	0	14	0	14	0	41	0	41	0	0	0	0
% App. Total	0	50	50		0	100	0		0	100	0		0	0	0	
PHF	.000	.250	.250	.500	.000	.700	.000	.700	.000	.641	.000	.641	.000	.000	.000	.000

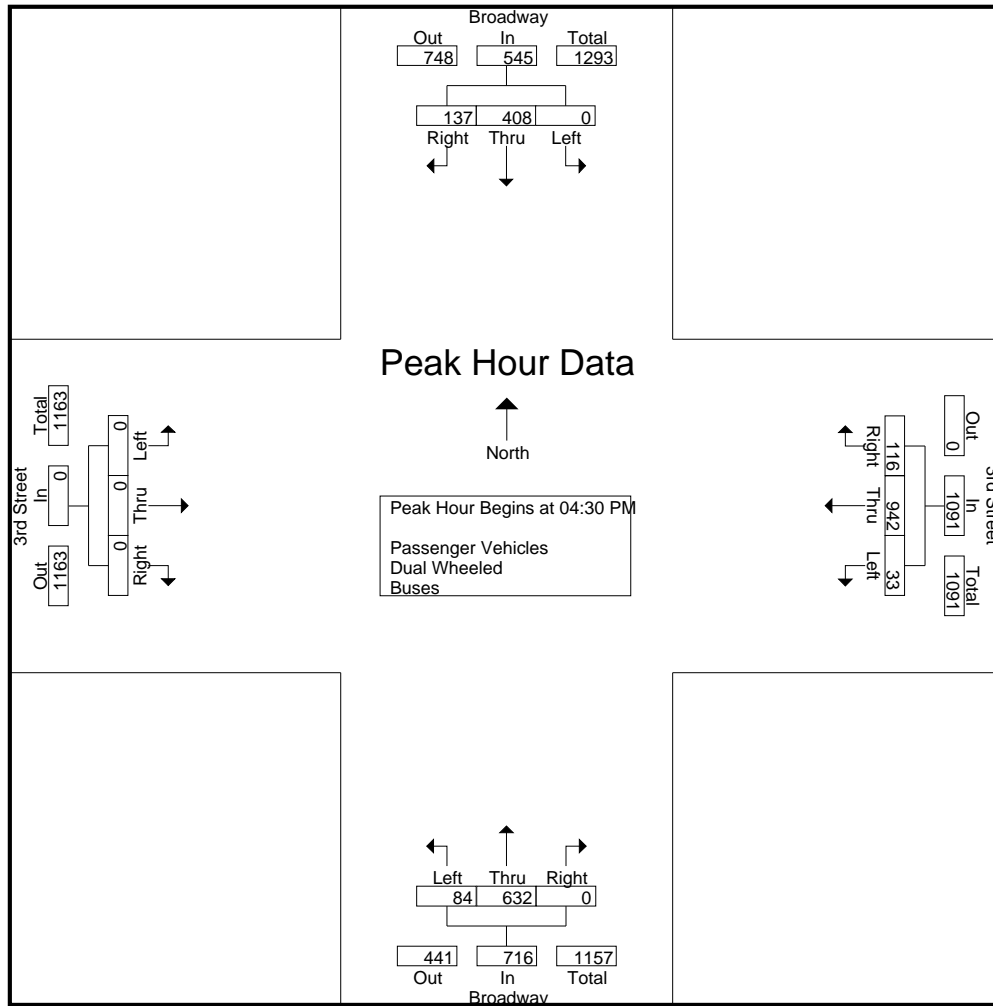
City of Los Angeles
 N/S: Broadway
 E/W: 3rd Street
 Weather: Clear

File Name : LACBR3rPM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

Groups Printed- Passenger Vehicles - Dual Wheeled - Buses

Start Time	Broadway Southbound				3rd Street Westbound				Broadway Northbound				3rd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
03:00 PM	0	85	29	114	8	258	30	296	22	110	0	132	0	0	0	0	542
03:15 PM	0	81	27	108	9	196	20	225	23	132	0	155	0	0	0	0	488
03:30 PM	0	91	33	124	10	233	26	269	18	119	0	137	0	0	0	0	530
03:45 PM	0	92	33	125	12	199	27	238	19	119	0	138	0	0	0	0	501
Total	0	349	122	471	39	886	103	1028	82	480	0	562	0	0	0	0	2061
04:00 PM	0	97	37	134	11	250	23	284	18	141	0	159	0	0	0	0	577
04:15 PM	0	96	39	135	9	237	19	265	17	157	0	174	0	0	0	0	574
04:30 PM	0	114	32	146	9	266	28	303	23	149	0	172	0	0	0	0	621
04:45 PM	0	110	41	151	8	201	20	229	18	163	0	181	0	0	0	0	561
Total	0	417	149	566	37	954	90	1081	76	610	0	686	0	0	0	0	2333
05:00 PM	0	98	35	133	8	224	35	267	15	143	0	158	0	0	0	0	558
05:15 PM	0	86	29	115	8	251	33	292	28	177	0	205	0	0	0	0	612
05:30 PM	0	114	20	134	14	231	33	278	25	168	0	193	0	0	0	0	605
05:45 PM	0	65	18	83	7	268	32	307	22	147	0	169	0	0	0	0	559
Total	0	363	102	465	37	974	133	1144	90	635	0	725	0	0	0	0	2334
Grand Total	0	1129	373	1502	113	2814	326	3253	248	1725	0	1973	0	0	0	0	6728
Apprch %	0	75.2	24.8		3.5	86.5	10		12.6	87.4	0		0	0	0		
Total %	0	16.8	5.5	22.3	1.7	41.8	4.8	48.4	3.7	25.6	0	29.3	0	0	0	0	
Passenger Vehicles	0	1119	367	1486	112	2772	316	3200	246	1603	0	1849	0	0	0	0	6535
% Passenger Vehicles	0	99.1	98.4	98.9	99.1	98.5	96.9	98.4	99.2	92.9	0	93.7	0	0	0	0	97.1
Dual Wheeled	0	4	4	8	1	13	8	22	1	18	0	19	0	0	0	0	49
% Dual Wheeled	0	0.4	1.1	0.5	0.9	0.5	2.5	0.7	0.4	1	0	1	0	0	0	0	0.7
Buses	0	6	2	8	0	29	2	31	1	104	0	105	0	0	0	0	144
% Buses	0	0.5	0.5	0.5	0	1	0.6	1	0.4	6	0	5.3	0	0	0	0	2.1

Start Time	Broadway Southbound				3rd Street Westbound				Broadway Northbound				3rd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	0	114	32	146	9	266	28	303	23	149	0	172	0	0	0	0	621
04:45 PM	0	110	41	151	8	201	20	229	18	163	0	181	0	0	0	0	561
05:00 PM	0	98	35	133	8	224	35	267	15	143	0	158	0	0	0	0	558
05:15 PM	0	86	29	115	8	251	33	292	28	177	0	205	0	0	0	0	612
Total Volume	0	408	137	545	33	942	116	1091	84	632	0	716	0	0	0	0	2352
% App. Total	0	74.9	25.1		3	86.3	10.6		11.7	88.3	0		0	0	0		
PHF	.000	.895	.835	.902	.917	.885	.829	.900	.750	.893	.000	.873	.000	.000	.000	.000	.947



Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	04:00 PM				05:00 PM				04:45 PM				03:00 PM			
+0 mins.	0	97	37	134	8	224	35	267	18	163	0	181	0	0	0	0
+15 mins.	0	96	39	135	8	251	33	292	15	143	0	158	0	0	0	0
+30 mins.	0	114	32	146	14	231	33	278	28	177	0	205	0	0	0	0
+45 mins.	0	110	41	151	7	268	32	307	25	168	0	193	0	0	0	0
Total Volume	0	417	149	566	37	974	133	1144	86	651	0	737	0	0	0	0
% App. Total	0	73.7	26.3		3.2	85.1	11.6		11.7	88.3	0		0	0	0	
PHF	.000	.914	.909	.937	.661	.909	.950	.932	.768	.919	.000	.899	.000	.000	.000	.000

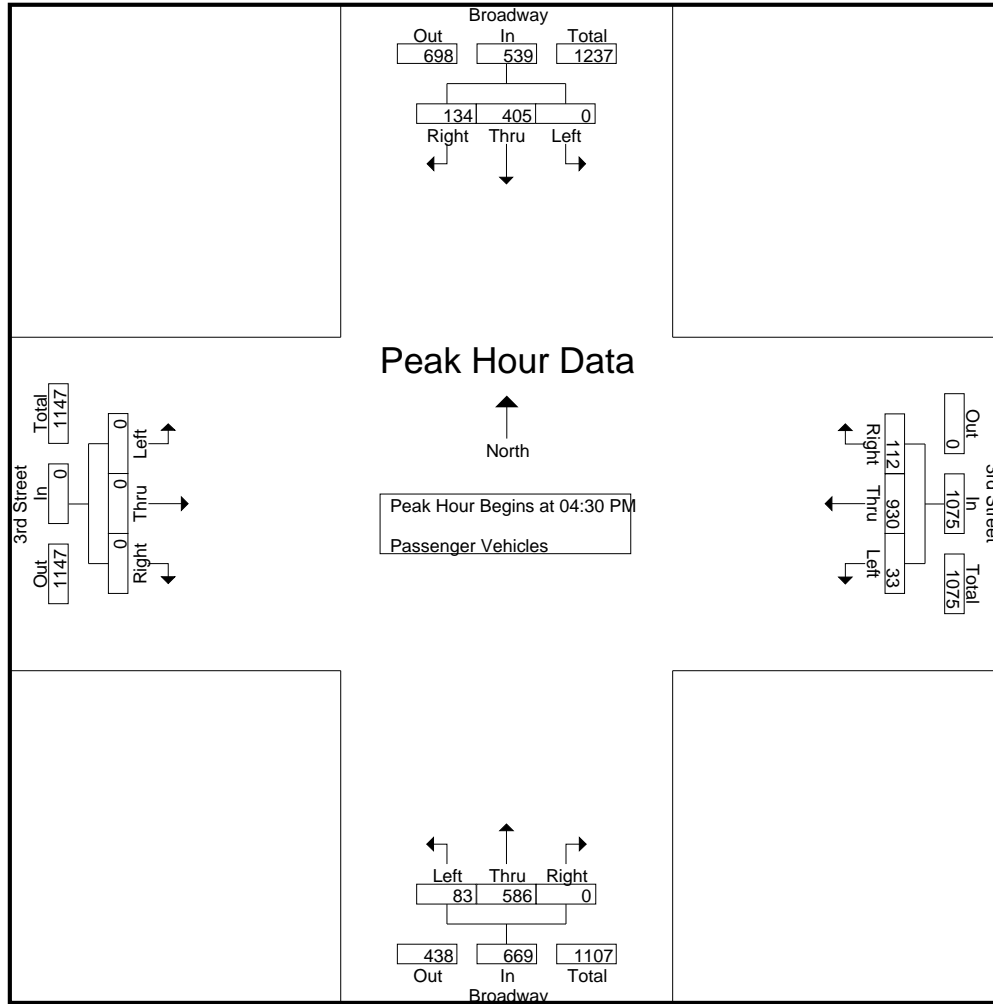
City of Los Angeles
 N/S: Broadway
 E/W: 3rd Street
 Weather: Clear

File Name : LACBR3rPM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

Groups Printed- Passenger Vehicles

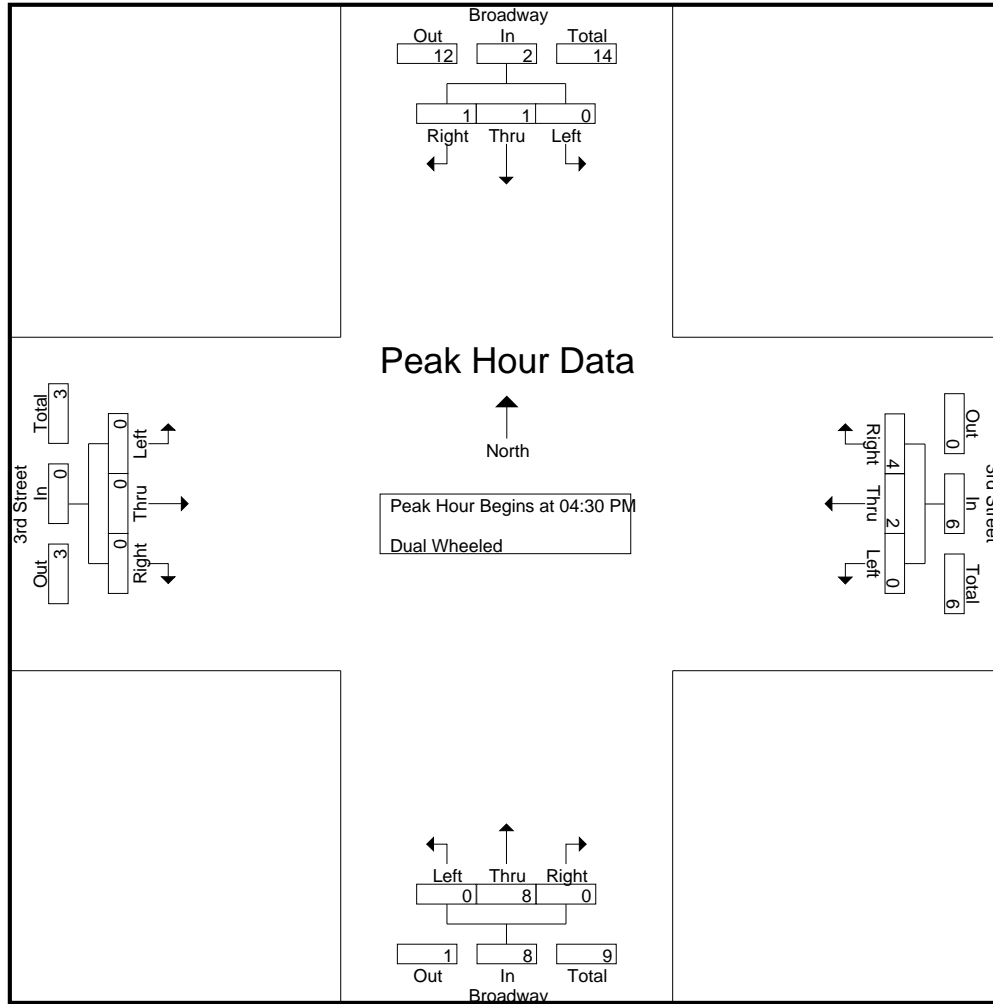
Start Time	Broadway Southbound				3rd Street Westbound				Broadway Northbound				3rd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
03:00 PM	0	84	29	113	8	253	30	291	22	106	0	128	0	0	0	0	532
03:15 PM	0	81	26	107	9	192	20	221	23	119	0	142	0	0	0	0	470
03:30 PM	0	89	32	121	10	228	25	263	18	110	0	128	0	0	0	0	512
03:45 PM	0	91	33	124	12	197	25	234	19	107	0	126	0	0	0	0	484
Total	0	345	120	465	39	870	100	1009	82	442	0	524	0	0	0	0	1998
04:00 PM	0	95	36	131	11	245	22	278	18	133	0	151	0	0	0	0	560
04:15 PM	0	96	39	135	9	234	19	262	16	146	0	162	0	0	0	0	559
04:30 PM	0	114	30	144	9	265	26	300	23	139	0	162	0	0	0	0	606
04:45 PM	0	109	41	150	8	199	20	227	18	155	0	173	0	0	0	0	550
Total	0	414	146	560	37	943	87	1067	75	573	0	648	0	0	0	0	2275
05:00 PM	0	96	35	131	8	217	34	259	14	127	0	141	0	0	0	0	531
05:15 PM	0	86	28	114	8	249	32	289	28	165	0	193	0	0	0	0	596
05:30 PM	0	113	20	133	13	228	32	273	25	156	0	181	0	0	0	0	587
05:45 PM	0	65	18	83	7	265	31	303	22	140	0	162	0	0	0	0	548
Total	0	360	101	461	36	959	129	1124	89	588	0	677	0	0	0	0	2262
Grand Total	0	1119	367	1486	112	2772	316	3200	246	1603	0	1849	0	0	0	0	6535
Apprch %	0	75.3	24.7		3.5	86.6	9.9		13.3	86.6	0		0	0	0		
Total %	0	17.1	5.6	22.7	1.7	42.4	4.8	49	3.8	24.5	0	28.3	0	0	0	0	

Start Time	Broadway Southbound				3rd Street Westbound				Broadway Northbound				3rd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	0	114	30	144	9	265	26	300	23	139	0	162	0	0	0	0	606
04:45 PM	0	109	41	150	8	199	20	227	18	155	0	173	0	0	0	0	550
05:00 PM	0	96	35	131	8	217	34	259	14	127	0	141	0	0	0	0	531
05:15 PM	0	86	28	114	8	249	32	289	28	165	0	193	0	0	0	0	596
Total Volume	0	405	134	539	33	930	112	1075	83	586	0	669	0	0	0	0	2283
% App. Total	0	75.1	24.9		3.1	86.5	10.4		12.4	87.6	0		0	0	0		
PHF	.000	.888	.817	.898	.917	.877	.824	.896	.741	.888	.000	.867	.000	.000	.000	.000	.942



Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	04:30 PM				04:30 PM				04:30 PM				04:30 PM			
+0 mins.	0	114	30	144	9	265	26	300	23	139	0	162	0	0	0	0
+15 mins.	0	109	41	150	8	199	20	227	18	155	0	173	0	0	0	0
+30 mins.	0	96	35	131	8	217	34	259	14	127	0	141	0	0	0	0
+45 mins.	0	86	28	114	8	249	32	289	28	165	0	193	0	0	0	0
Total Volume	0	405	134	539	33	930	112	1075	83	586	0	669	0	0	0	0
% App. Total	0	75.1	24.9		3.1	86.5	10.4		12.4	87.6	0		0	0	0	
PHF	.000	.888	.817	.898	.917	.877	.824	.896	.741	.888	.000	.867	.000	.000	.000	.000



Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	04:30 PM				04:30 PM				04:30 PM				04:30 PM			
+0 mins.	0	0	1	1	0	0	2	2	0	1	0	1	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
+30 mins.	0	1	0	1	0	2	1	3	0	3	0	3	0	0	0	0
+45 mins.	0	0	0	0	0	0	1	1	0	3	0	3	0	0	0	0
Total Volume	0	1	1	2	0	2	4	6	0	8	0	8	0	0	0	0
% App. Total	0	50	50		0	33.3	66.7		0	100	0		0	0	0	
PHF	.000	.250	.250	.500	.000	.250	.500	.500	.000	.667	.000	.667	.000	.000	.000	.000

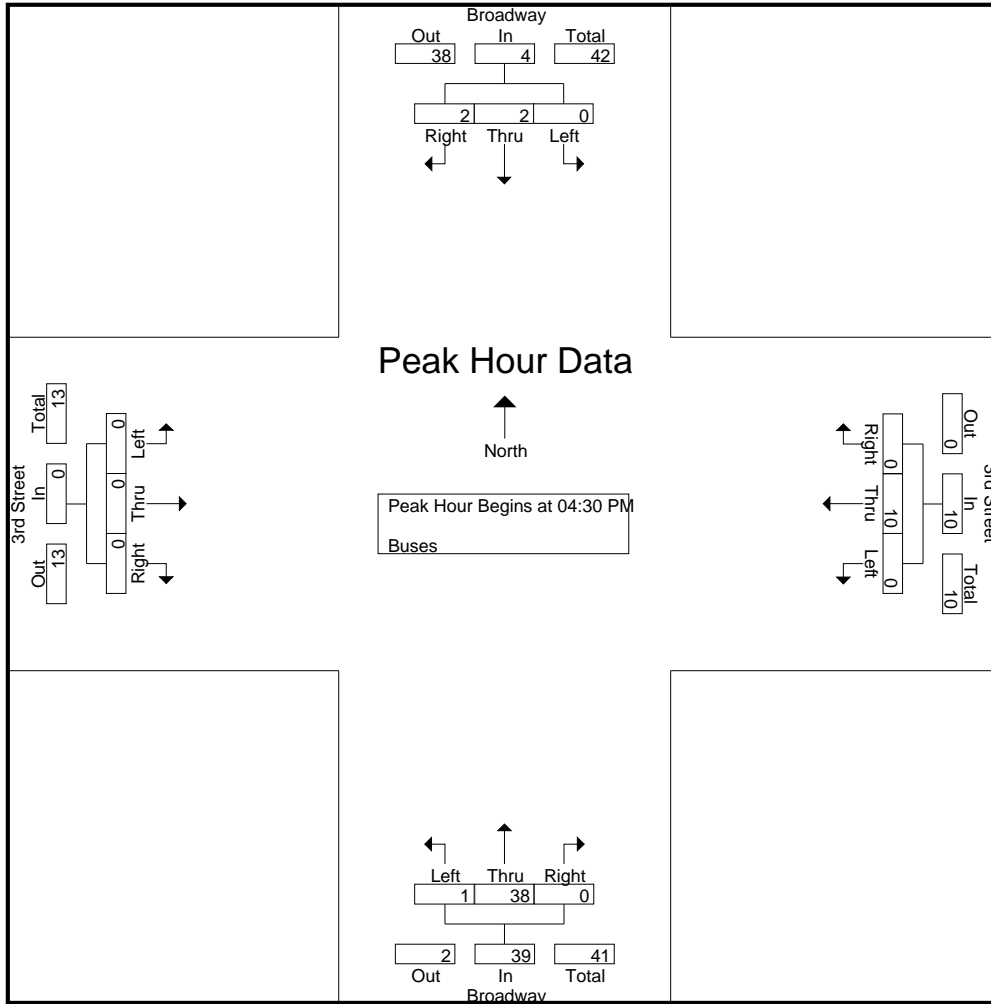
City of Los Angeles
 N/S: Broadway
 E/W: 3rd Street
 Weather: Clear

File Name : LACBR3rPM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

Groups Printed- Buses

Start Time	Broadway Southbound				3rd Street Westbound				Broadway Northbound				3rd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
03:00 PM	0	0	0	0	0	2	0	2	0	4	0	4	0	0	0	0	6
03:15 PM	0	0	0	0	0	3	0	3	0	12	0	12	0	0	0	0	15
03:30 PM	0	1	0	1	0	4	0	4	0	5	0	5	0	0	0	0	10
03:45 PM	0	0	0	0	0	1	0	1	0	12	0	12	0	0	0	0	13
Total	0	1	0	1	0	10	0	10	0	33	0	33	0	0	0	0	44
04:00 PM	0	2	0	2	0	2	1	3	0	7	0	7	0	0	0	0	12
04:15 PM	0	0	0	0	0	2	0	2	0	10	0	10	0	0	0	0	12
04:30 PM	0	0	1	1	0	1	0	1	0	9	0	9	0	0	0	0	11
04:45 PM	0	1	0	1	0	2	0	2	0	7	0	7	0	0	0	0	10
Total	0	3	1	4	0	7	1	8	0	33	0	33	0	0	0	0	45
05:00 PM	0	1	0	1	0	5	0	5	1	13	0	14	0	0	0	0	20
05:15 PM	0	0	1	1	0	2	0	2	0	9	0	9	0	0	0	0	12
05:30 PM	0	1	0	1	0	3	0	3	0	10	0	10	0	0	0	0	14
05:45 PM	0	0	0	0	0	2	1	3	0	6	0	6	0	0	0	0	9
Total	0	2	1	3	0	12	1	13	1	38	0	39	0	0	0	0	55
Grand Total	0	6	2	8	0	29	2	31	1	104	0	105	0	0	0	0	144
Apprch %	0	75	25		0	93.5	6.5		1	99	0		0	0	0		
Total %	0	4.2	1.4	5.6	0	20.1	1.4	21.5	0.7	72.2	0	72.9	0	0	0	0	

Start Time	Broadway Southbound				3rd Street Westbound				Broadway Northbound				3rd Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	0	0	1	1	0	1	0	1	0	9	0	9	0	0	0	0	11
04:45 PM	0	1	0	1	0	2	0	2	0	7	0	7	0	0	0	0	10
05:00 PM	0	1	0	1	0	5	0	5	1	13	0	14	0	0	0	0	20
05:15 PM	0	0	1	1	0	2	0	2	0	9	0	9	0	0	0	0	12
Total Volume	0	2	2	4	0	10	0	10	1	38	0	39	0	0	0	0	53
% App. Total	0	50	50		0	100	0		2.6	97.4	0		0	0	0		
PHF	.000	.500	.500	1.00	.000	.500	.000	.500	.250	.731	.000	.696	.000	.000	.000	.000	.663



Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	04:30 PM				04:30 PM				04:30 PM				04:30 PM			
+0 mins.	0	0	1	1	0	1	0	1	0	9	0	9	0	0	0	0
+15 mins.	0	1	0	1	0	2	0	2	0	7	0	7	0	0	0	0
+30 mins.	0	1	0	1	0	5	0	5	1	13	0	14	0	0	0	0
+45 mins.	0	0	1	1	0	2	0	2	0	9	0	9	0	0	0	0
Total Volume	0	2	2	4	0	10	0	10	1	38	0	39	0	0	0	0
% App. Total	0	50	50		0	100	0		2.6	97.4	0		0	0	0	
PHF	.000	.500	.500	1.000	.000	.500	.000	.500	.250	.731	.000	.696	.000	.000	.000	.000

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 Weather: Clear

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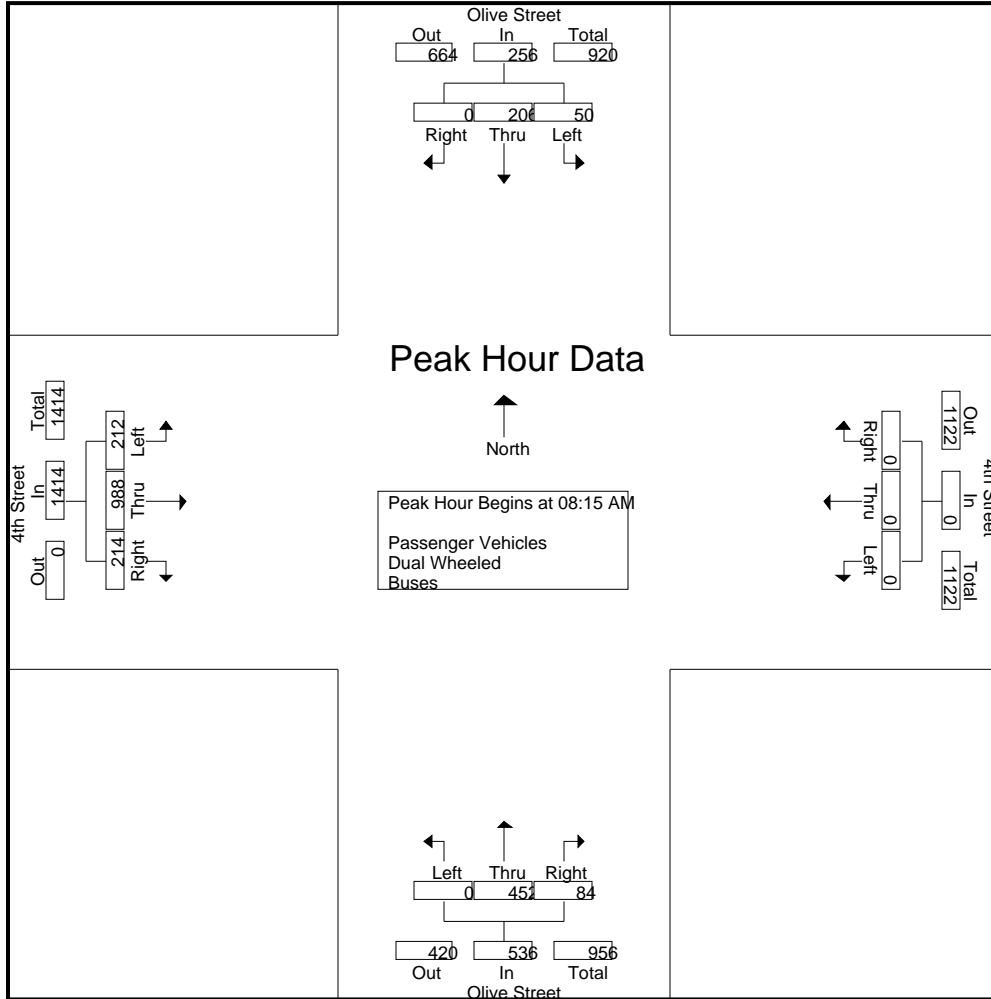
Groups Printed- Passenger Vehicles - Dual Wheeled - Buses

Start Time	Olive Street Southbound				4th Street Westbound				Olive Street Northbound				4th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	11	30	0	41	0	0	0	0	0	95	16	111	28	147	43	218	370
07:15 AM	9	35	0	44	0	0	0	0	0	101	14	115	45	135	32	212	371
07:30 AM	6	39	0	45	0	0	0	0	0	121	24	145	53	173	29	255	445
07:45 AM	8	34	0	42	0	0	0	0	0	143	19	162	77	243	33	353	557
Total	34	138	0	172	0	0	0	0	0	460	73	533	203	698	137	1038	1743
08:00 AM	12	40	0	52	0	0	0	0	0	119	21	140	46	202	43	291	483
08:15 AM	14	39	0	53	0	0	0	0	0	123	13	136	74	243	44	361	550
08:30 AM	9	61	0	70	0	0	0	0	0	121	22	143	60	229	51	340	553
08:45 AM	11	45	0	56	0	0	0	0	0	116	21	137	42	262	67	371	564
Total	46	185	0	231	0	0	0	0	0	479	77	556	222	936	205	1363	2150
09:00 AM	16	61	0	77	0	0	0	0	0	92	28	120	36	254	52	342	539
09:15 AM	12	43	0	55	0	0	0	0	0	127	26	153	36	222	24	282	490
09:30 AM	13	50	0	63	0	0	0	0	0	97	26	123	41	220	35	296	482
09:45 AM	10	46	0	56	0	0	0	0	0	86	25	111	33	185	53	271	438
Total	51	200	0	251	0	0	0	0	0	402	105	507	146	881	164	1191	1949
Grand Total	131	523	0	654	0	0	0	0	0	1341	255	1596	571	2515	506	3592	5842
Apprch %	20	80	0		0	0	0		0	84	16		15.9	70	14.1		
Total %	2.2	9	0	11.2	0	0	0	0	0	23	4.4	27.3	9.8	43.1	8.7	61.5	
Passenger Vehicles	125	493	0	618	0	0	0	0	0	1120	216	1336	564	2469	485	3518	5472
% Passenger Vehicles	95.4	94.3	0	94.5	0	0	0	0	0	83.5	84.7	83.7	98.8	98.2	95.8	97.9	93.7
Dual Wheeled	4	29	0	33	0	0	0	0	0	40	23	63	3	25	15	43	139
% Dual Wheeled	3.1	5.5	0	5	0	0	0	0	0	3	9	3.9	0.5	1	3	1.2	2.4
Buses	2	1	0	3	0	0	0	0	0	181	16	197	4	21	6	31	231
% Buses	1.5	0.2	0	0.5	0	0	0	0	0	13.5	6.3	12.3	0.7	0.8	1.2	0.9	4

Start Time	Olive Street Southbound				4th Street Westbound				Olive Street Northbound				4th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:15 AM																	
08:15 AM	14	39	0	53	0	0	0	0	0	123	13	136	74	243	44	361	550
08:30 AM	9	61	0	70	0	0	0	0	0	121	22	143	60	229	51	340	553
08:45 AM	11	45	0	56	0	0	0	0	0	116	21	137	42	262	67	371	564
09:00 AM	16	61	0	77	0	0	0	0	0	92	28	120	36	254	52	342	539
Total Volume	50	206	0	256	0	0	0	0	0	452	84	536	212	988	214	1414	2206
% App. Total	19.5	80.5	0		0	0	0		0	84.3	15.7		15	69.9	15.1		
PHF	.781	.844	.000	.831	.000	.000	.000	.000	.000	.919	.750	.937	.716	.943	.799	.953	.978

City of Los Angeles
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Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	08:30 AM				07:00 AM				07:30 AM				08:15 AM			
+0 mins.	9	61	0	70	0	0	0	0	0	121	24	145	74	243	44	361
+15 mins.	11	45	0	56	0	0	0	0	0	143	19	162	60	229	51	340
+30 mins.	16	61	0	77	0	0	0	0	0	119	21	140	42	262	67	371
+45 mins.	12	43	0	55	0	0	0	0	0	123	13	136	36	254	52	342
Total Volume	48	210	0	258	0	0	0	0	0	506	77	583	212	988	214	1414
% App. Total	18.6	81.4	0		0	0	0		0	86.8	13.2		15	69.9	15.1	
PHF	.750	.861	.000	.838	.000	.000	.000	.000	.000	.885	.802	.900	.716	.943	.799	.953

City of Los Angeles
 N/S: Olive Street
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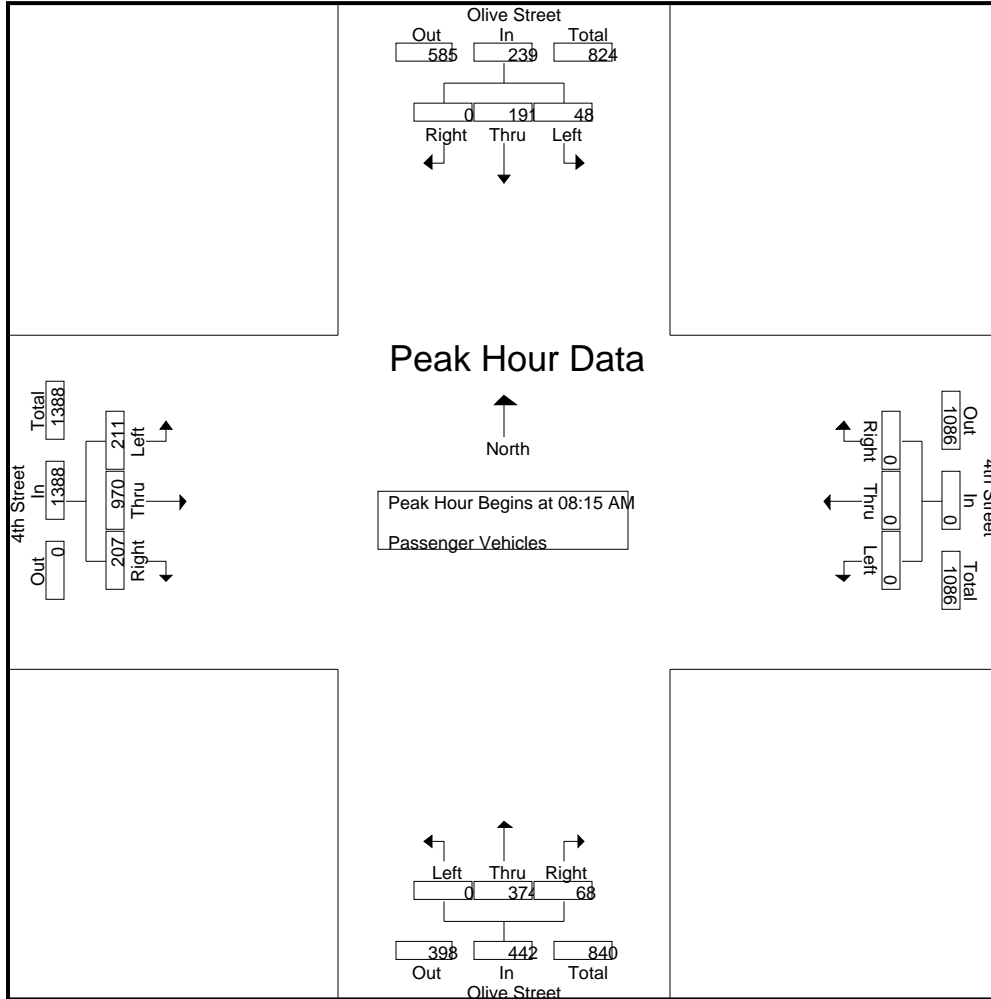
Groups Printed- Passenger Vehicles

Start Time	Olive Street Southbound				4th Street Westbound				Olive Street Northbound				4th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	11	28	0	39	0	0	0	0	0	70	14	84	28	146	42	216	339
07:15 AM	8	33	0	41	0	0	0	0	0	83	12	95	43	132	28	203	339
07:30 AM	5	35	0	40	0	0	0	0	0	103	18	121	53	170	28	251	412
07:45 AM	8	33	0	41	0	0	0	0	0	124	18	142	76	239	30	345	528
Total	32	129	0	161	0	0	0	0	0	380	62	442	200	687	128	1015	1618
08:00 AM	11	38	0	49	0	0	0	0	0	99	18	117	45	197	42	284	450
08:15 AM	13	34	0	47	0	0	0	0	0	104	12	116	74	239	42	355	518
08:30 AM	9	55	0	64	0	0	0	0	0	101	16	117	60	223	50	333	514
08:45 AM	11	43	0	54	0	0	0	0	0	94	18	112	41	257	65	363	529
Total	44	170	0	214	0	0	0	0	0	398	64	462	220	916	199	1335	2011
09:00 AM	15	59	0	74	0	0	0	0	0	75	22	97	36	251	50	337	508
09:15 AM	12	42	0	54	0	0	0	0	0	109	23	132	35	217	24	276	462
09:30 AM	12	49	0	61	0	0	0	0	0	87	25	112	41	215	34	290	463
09:45 AM	10	44	0	54	0	0	0	0	0	71	20	91	32	183	50	265	410
Total	49	194	0	243	0	0	0	0	0	342	90	432	144	866	158	1168	1843
Grand Total	125	493	0	618	0	0	0	0	0	1120	216	1336	564	2469	485	3518	5472
Apprch %	20.2	79.8	0		0	0	0		0	83.8	16.2		16	70.2	13.8		
Total %	2.3	9	0	11.3	0	0	0	0	0	20.5	3.9	24.4	10.3	45.1	8.9	64.3	

Start Time	Olive Street Southbound				4th Street Westbound				Olive Street Northbound				4th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 08:15 AM to 09:00 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:15 AM																	
08:15 AM	13	34	0	47	0	0	0	0	0	104	12	116	74	239	42	355	518
08:30 AM	9	55	0	64	0	0	0	0	0	101	16	117	60	223	50	333	514
08:45 AM	11	43	0	54	0	0	0	0	0	94	18	112	41	257	65	363	529
09:00 AM	15	59	0	74	0	0	0	0	0	75	22	97	36	251	50	337	508
Total Volume	48	191	0	239	0	0	0	0	0	374	68	442	211	970	207	1388	2069
% App. Total	20.1	79.9	0		0	0	0		0	84.6	15.4		15.2	69.9	14.9		
PHF	.800	.809	.000	.807	.000	.000	.000	.000	.000	.899	.773	.944	.713	.944	.796	.956	.978

City of Los Angeles
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Peak Hour Analysis From 08:15 AM to 09:00 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	08:15 AM				08:15 AM				08:15 AM				08:15 AM			
+0 mins.	13	34	0	47	0	0	0	0	0	104	12	116	74	239	42	355
+15 mins.	9	55	0	64	0	0	0	0	0	101	16	117	60	223	50	333
+30 mins.	11	43	0	54	0	0	0	0	0	94	18	112	41	257	65	363
+45 mins.	15	59	0	74	0	0	0	0	0	75	22	97	36	251	50	337
Total Volume	48	191	0	239	0	0	0	0	0	374	68	442	211	970	207	1388
% App. Total	20.1	79.9	0		0	0	0		0	84.6	15.4		15.2	69.9	14.9	
PHF	.800	.809	.000	.807	.000	.000	.000	.000	.000	.899	.773	.944	.713	.944	.796	.956

City of Los Angeles
 N/S: Olive Street
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 Weather: Clear

File Name : LACOL4tAM
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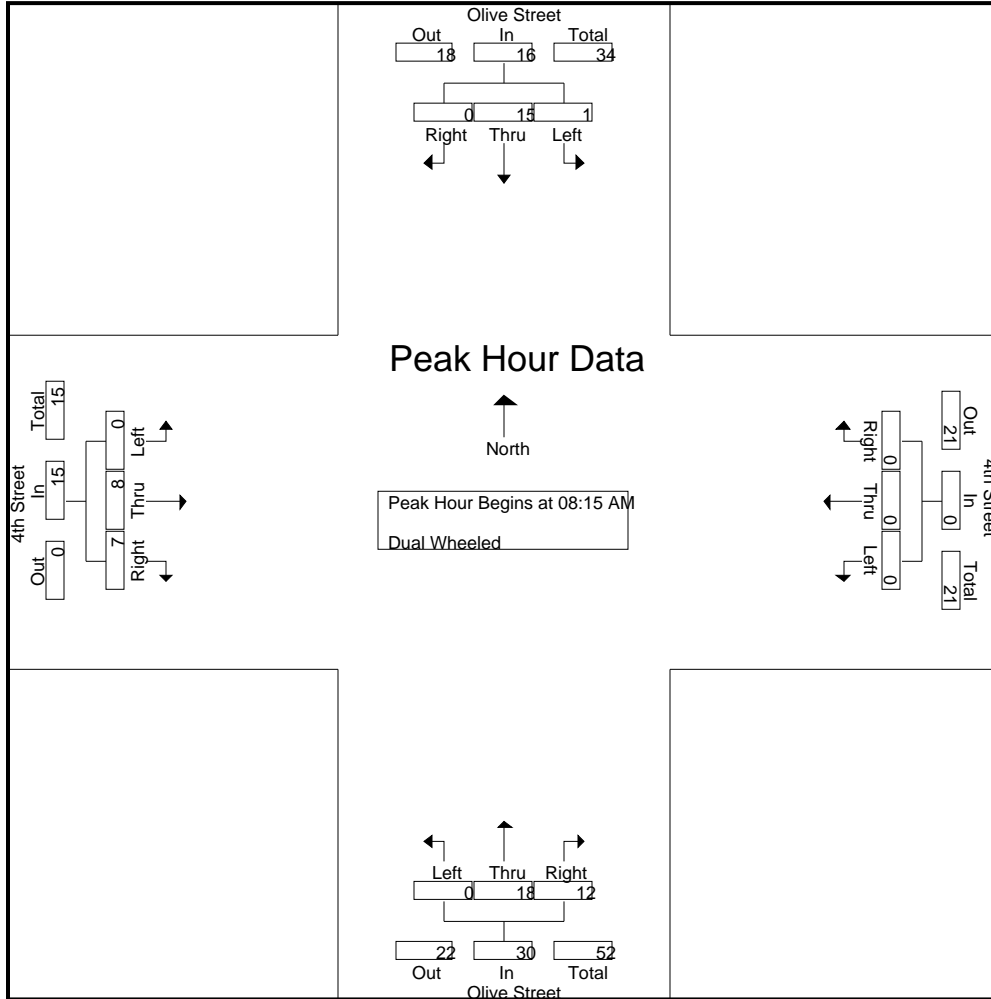
Groups Printed- Dual Wheeled

Start Time	Olive Street Southbound				4th Street Westbound				Olive Street Northbound				4th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	0	2	0	2	0	0	0	0	0	3	1	4	0	0	1	1	7
07:15 AM	1	2	0	3	0	0	0	0	0	1	1	2	1	2	3	6	11
07:30 AM	1	4	0	5	0	0	0	0	0	4	5	9	0	1	0	1	15
07:45 AM	0	1	0	1	0	0	0	0	0	4	0	4	0	2	2	4	9
Total	2	9	0	11	0	0	0	0	0	12	7	19	1	5	6	12	42
08:00 AM	1	1	0	2	0	0	0	0	0	1	0	1	0	3	0	3	6
08:15 AM	0	5	0	5	0	0	0	0	0	5	0	5	0	1	2	3	13
08:30 AM	0	6	0	6	0	0	0	0	0	6	6	12	0	4	1	5	23
08:45 AM	0	2	0	2	0	0	0	0	0	6	2	8	0	0	2	2	12
Total	1	14	0	15	0	0	0	0	0	18	8	26	0	8	5	13	54
09:00 AM	1	2	0	3	0	0	0	0	0	1	4	5	0	3	2	5	13
09:15 AM	0	1	0	1	0	0	0	0	0	4	2	6	1	4	0	5	12
09:30 AM	0	1	0	1	0	0	0	0	0	3	0	3	0	3	1	4	8
09:45 AM	0	2	0	2	0	0	0	0	0	2	2	4	1	2	1	4	10
Total	1	6	0	7	0	0	0	0	0	10	8	18	2	12	4	18	43
Grand Total	4	29	0	33	0	0	0	0	0	40	23	63	3	25	15	43	139
Apprch %	12.1	87.9	0		0	0	0		0	63.5	36.5		7	58.1	34.9		
Total %	2.9	20.9	0	23.7	0	0	0	0	0	28.8	16.5	45.3	2.2	18	10.8	30.9	

Start Time	Olive Street Southbound				4th Street Westbound				Olive Street Northbound				4th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 08:15 AM to 09:00 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:15 AM																	
08:15 AM	0	5	0	5	0	0	0	0	0	5	0	5	0	1	2	3	13
08:30 AM	0	6	0	6	0	0	0	0	0	6	6	12	0	4	1	5	23
08:45 AM	0	2	0	2	0	0	0	0	0	6	2	8	0	0	2	2	12
09:00 AM	1	2	0	3	0	0	0	0	0	1	4	5	0	3	2	5	13
Total Volume	1	15	0	16	0	0	0	0	0	18	12	30	0	8	7	15	61
% App. Total	6.2	93.8	0		0	0	0		0	60	40		0	53.3	46.7		
PHF	.250	.625	.000	.667	.000	.000	.000	.000	.000	.750	.500	.625	.000	.500	.875	.750	.663

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Peak Hour Analysis From 08:15 AM to 09:00 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	08:15 AM				08:15 AM				08:15 AM				08:15 AM			
+0 mins.	0	5	0	5	0	0	0	0	0	5	0	5	0	1	2	3
+15 mins.	0	6	0	6	0	0	0	0	0	6	6	12	0	4	1	5
+30 mins.	0	2	0	2	0	0	0	0	0	6	2	8	0	0	2	2
+45 mins.	1	2	0	3	0	0	0	0	0	1	4	5	0	3	2	5
Total Volume	1	15	0	16	0	0	0	0	0	18	12	30	0	8	7	15
% App. Total	6.2	93.8	0		0	0	0		0	60	40		0	53.3	46.7	
PHF	.250	.625	.000	.667	.000	.000	.000	.000	.000	.750	.500	.625	.000	.500	.875	.750

City of Los Angeles
 N/S: Olive Street
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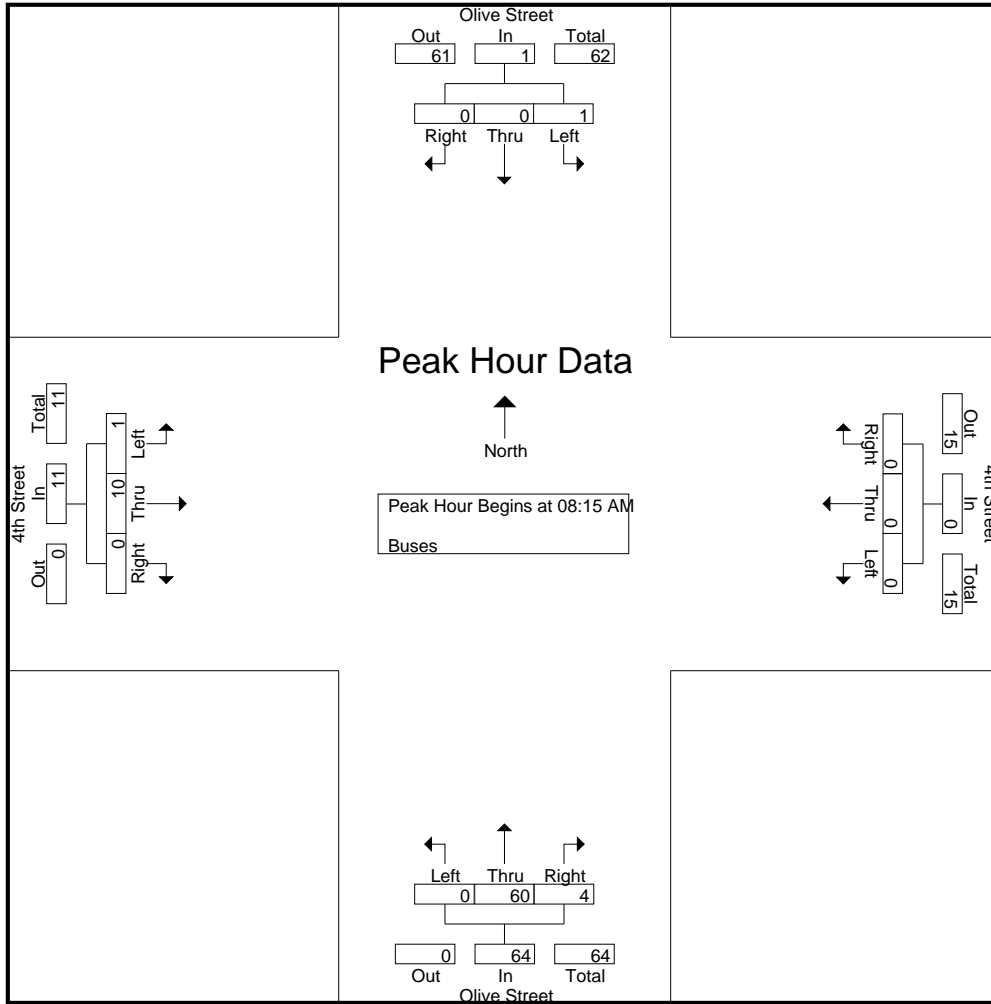
Groups Printed- Buses

Start Time	Olive Street Southbound				4th Street Westbound				Olive Street Northbound				4th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	0	0	0	0	0	0	0	0	0	22	1	23	0	1	0	1	24
07:15 AM	0	0	0	0	0	0	0	0	0	17	1	18	1	1	1	3	21
07:30 AM	0	0	0	0	0	0	0	0	0	14	1	15	0	2	1	3	18
07:45 AM	0	0	0	0	0	0	0	0	0	15	1	16	1	2	1	4	20
Total	0	0	0	0	0	0	0	0	0	68	4	72	2	6	3	11	83
08:00 AM	0	1	0	1	0	0	0	0	0	19	3	22	1	2	1	4	27
08:15 AM	1	0	0	1	0	0	0	0	0	14	1	15	0	3	0	3	19
08:30 AM	0	0	0	0	0	0	0	0	0	14	0	14	0	2	0	2	16
08:45 AM	0	0	0	0	0	0	0	0	0	16	1	17	1	5	0	6	23
Total	1	1	0	2	0	0	0	0	0	63	5	68	2	12	1	15	85
09:00 AM	0	0	0	0	0	0	0	0	0	16	2	18	0	0	0	0	18
09:15 AM	0	0	0	0	0	0	0	0	0	14	1	15	0	1	0	1	16
09:30 AM	1	0	0	1	0	0	0	0	0	7	1	8	0	2	0	2	11
09:45 AM	0	0	0	0	0	0	0	0	0	13	3	16	0	0	2	2	18
Total	1	0	0	1	0	0	0	0	0	50	7	57	0	3	2	5	63
Grand Total	2	1	0	3	0	0	0	0	0	181	16	197	4	21	6	31	231
Apprch %	66.7	33.3	0		0	0	0		0	91.9	8.1		12.9	67.7	19.4		
Total %	0.9	0.4	0	1.3	0	0	0	0	0	78.4	6.9	85.3	1.7	9.1	2.6	13.4	

Start Time	Olive Street Southbound				4th Street Westbound				Olive Street Northbound				4th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 08:15 AM to 09:00 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:15 AM																	
08:15 AM	1	0	0	1	0	0	0	0	0	14	1	15	0	3	0	3	19
08:30 AM	0	0	0	0	0	0	0	0	0	14	0	14	0	2	0	2	16
08:45 AM	0	0	0	0	0	0	0	0	0	16	1	17	1	5	0	6	23
09:00 AM	0	0	0	0	0	0	0	0	0	16	2	18	0	0	0	0	18
Total Volume	1	0	0	1	0	0	0	0	0	60	4	64	1	10	0	11	76
% App. Total	100	0	0		0	0	0		0	93.8	6.2		9.1	90.9	0		
PHF	.250	.000	.000	.250	.000	.000	.000	.000	.000	.938	.500	.889	.250	.500	.000	.458	.826

City of Los Angeles
 N/S: Olive Street
 E/W: 4th Street
 Weather: Clear

File Name : LACOL4tAM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 2



Peak Hour Analysis From 08:15 AM to 09:00 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	08:15 AM				08:15 AM				08:15 AM				08:15 AM			
+0 mins.	1	0	0	1	0	0	0	0	0	14	1	15	0	3	0	3
+15 mins.	0	0	0	0	0	0	0	0	0	14	0	14	0	2	0	2
+30 mins.	0	0	0	0	0	0	0	0	0	16	1	17	1	5	0	6
+45 mins.	0	0	0	0	0	0	0	0	0	16	2	18	0	0	0	0
Total Volume	1	0	0	1	0	0	0	0	0	60	4	64	1	10	0	11
% App. Total	100	0	0	100	0	0	0	0	0	93.8	6.2	100	9.1	90.9	0	100
PHF	.250	.000	.000	.250	.000	.000	.000	.000	.000	.938	.500	.889	.250	.500	.000	.458

City of Los Angeles
 N/S: Olive Street
 E/W: 4th Street
 Weather: Clear

File Name : LACOL4tPM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

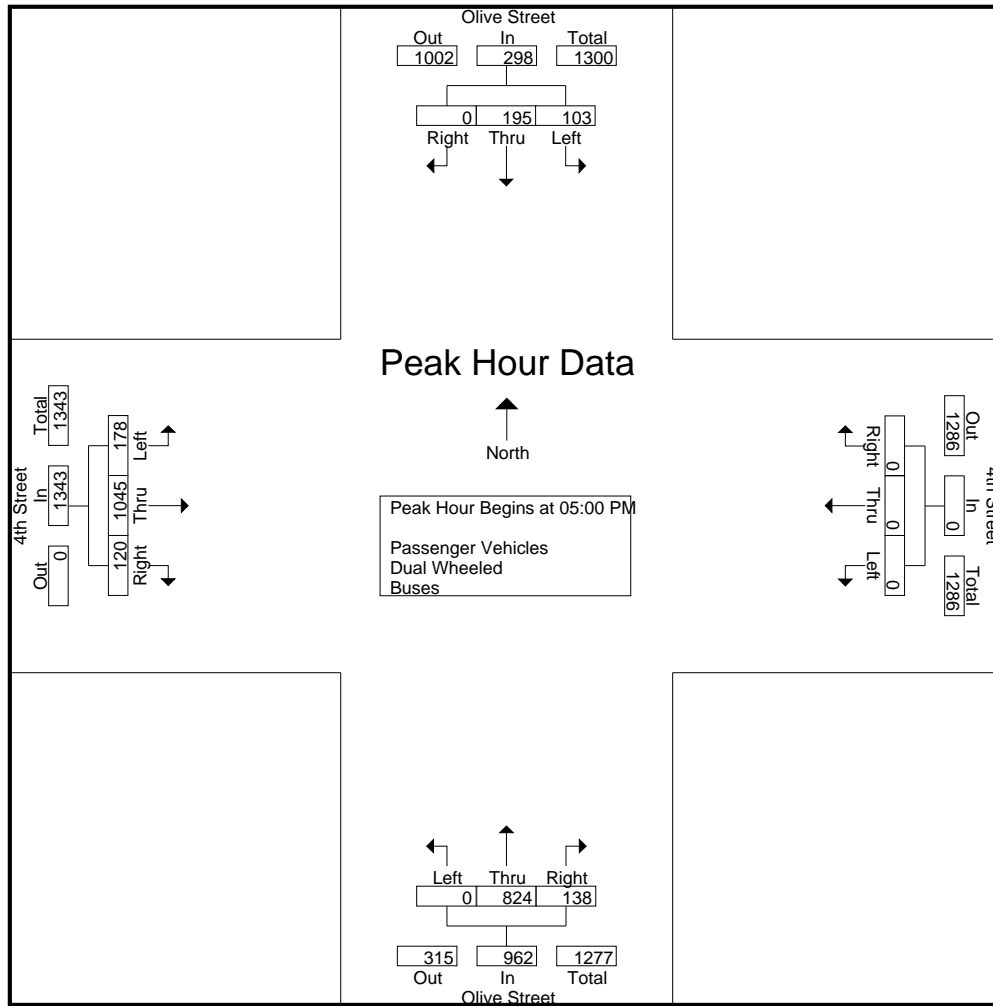
Groups Printed- Passenger Vehicles - Dual Wheeled - Buses

Start Time	Olive Street Southbound				4th Street Westbound				Olive Street Northbound				4th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
03:00 PM	17	42	0	59	0	0	0	0	0	168	32	200	34	158	26	218	477
03:15 PM	14	37	0	51	0	0	0	0	0	179	42	221	37	174	26	237	509
03:30 PM	17	40	0	57	0	0	0	0	0	176	50	226	48	182	35	265	548
03:45 PM	19	66	0	85	0	0	0	0	0	193	32	225	21	244	27	292	602
Total	67	185	0	252	0	0	0	0	0	716	156	872	140	758	114	1012	2136
04:00 PM	18	49	0	67	0	0	0	0	0	171	38	209	27	249	27	303	579
04:15 PM	22	51	0	73	0	0	0	0	0	188	53	241	50	279	36	365	679
04:30 PM	33	65	0	98	0	0	0	0	0	166	30	196	46	244	43	333	627
04:45 PM	25	52	0	77	0	0	0	0	0	179	49	228	40	236	39	315	620
Total	98	217	0	315	0	0	0	0	0	704	170	874	163	1008	145	1316	2505
05:00 PM	31	57	0	88	0	0	0	0	0	186	23	209	51	216	34	301	598
05:15 PM	30	43	0	73	0	0	0	0	0	206	39	245	42	310	31	383	701
05:30 PM	22	49	0	71	0	0	0	0	0	212	40	252	50	257	28	335	658
05:45 PM	20	46	0	66	0	0	0	0	0	220	36	256	35	262	27	324	646
Total	103	195	0	298	0	0	0	0	0	824	138	962	178	1045	120	1343	2603
Grand Total	268	597	0	865	0	0	0	0	0	2244	464	2708	481	2811	379	3671	7244
Apprch %	31	69	0		0	0	0		0	82.9	17.1		13.1	76.6	10.3		
Total %	3.7	8.2	0	11.9	0	0	0	0	0	31	6.4	37.4	6.6	38.8	5.2	50.7	
Passenger Vehicles	263	591	0	854	0	0	0	0	0	2045	437	2482	479	2764	368	3611	6947
% Passenger Vehicles	98.1	99	0	98.7	0	0	0	0	0	91.1	94.2	91.7	99.6	98.3	97.1	98.4	95.9
Dual Wheeled	4	5	0	9	0	0	0	0	0	22	9	31	2	33	6	41	81
% Dual Wheeled	1.5	0.8	0	1	0	0	0	0	0	1	1.9	1.1	0.4	1.2	1.6	1.1	1.1
Buses	1	1	0	2	0	0	0	0	0	177	18	195	0	14	5	19	216
% Buses	0.4	0.2	0	0.2	0	0	0	0	0	7.9	3.9	7.2	0	0.5	1.3	0.5	3

Start Time	Olive Street Southbound				4th Street Westbound				Olive Street Northbound				4th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	31	57	0	88	0	0	0	0	0	186	23	209	51	216	34	301	598
05:15 PM	30	43	0	73	0	0	0	0	0	206	39	245	42	310	31	383	701
05:30 PM	22	49	0	71	0	0	0	0	0	212	40	252	50	257	28	335	658
05:45 PM	20	46	0	66	0	0	0	0	0	220	36	256	35	262	27	324	646
Total Volume	103	195	0	298	0	0	0	0	0	824	138	962	178	1045	120	1343	2603
% App. Total	34.6	65.4	0		0	0	0		0	85.7	14.3		13.3	77.8	8.9		
PHF	.831	.855	.000	.847	.000	.000	.000	.000	.000	.936	.863	.939	.873	.843	.882	.877	.928

City of Los Angeles
 N/S: Olive Street
 E/W: 4th Street
 Weather: Clear

File Name : LACOL4tPM
 Site Code : 20217215
 Start Date : 4/6/2017
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Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	04:15 PM				03:00 PM				05:00 PM				05:00 PM			
+0 mins.	22	51	0	73	0	0	0	0	0	186	23	209	51	216	34	301
+15 mins.	33	65	0	98	0	0	0	0	0	206	39	245	42	310	31	383
+30 mins.	25	52	0	77	0	0	0	0	0	212	40	252	50	257	28	335
+45 mins.	31	57	0	88	0	0	0	0	0	220	36	256	35	262	27	324
Total Volume	111	225	0	336	0	0	0	0	0	824	138	962	178	1045	120	1343
% App. Total	33	67	0		0	0	0		0	85.7	14.3		13.3	77.8	8.9	
PHF	.841	.865	.000	.857	.000	.000	.000	.000	.000	.936	.863	.939	.873	.843	.882	.877

City of Los Angeles
 N/S: Olive Street
 E/W: 4th Street
 Weather: Clear

File Name : LACOL4tPM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

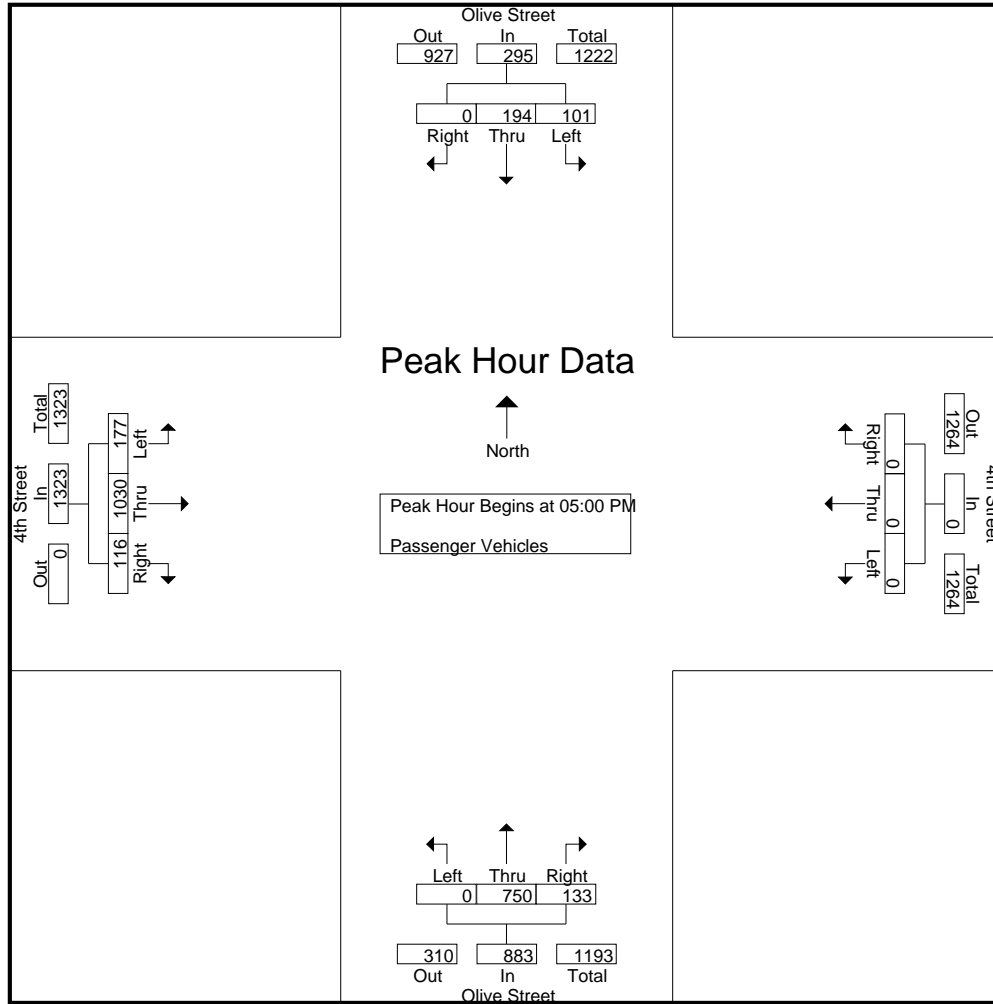
Groups Printed- Passenger Vehicles

Start Time	Olive Street Southbound				4th Street Westbound				Olive Street Northbound				4th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
03:00 PM	17	40	0	57	0	0	0	0	0	153	29	182	34	157	25	216	455
03:15 PM	14	36	0	50	0	0	0	0	0	165	36	201	37	173	23	233	484
03:30 PM	17	40	0	57	0	0	0	0	0	159	47	206	48	178	35	261	524
03:45 PM	17	65	0	82	0	0	0	0	0	179	29	208	21	237	26	284	574
Total	65	181	0	246	0	0	0	0	0	656	141	797	140	745	109	994	2037
04:00 PM	18	48	0	66	0	0	0	0	0	156	36	192	27	241	27	295	553
04:15 PM	22	51	0	73	0	0	0	0	0	171	52	223	50	278	35	363	659
04:30 PM	32	65	0	97	0	0	0	0	0	145	28	173	46	239	42	327	597
04:45 PM	25	52	0	77	0	0	0	0	0	167	47	214	39	231	39	309	600
Total	97	216	0	313	0	0	0	0	0	639	163	802	162	989	143	1294	2409
05:00 PM	31	56	0	87	0	0	0	0	0	168	23	191	51	213	33	297	575
05:15 PM	30	43	0	73	0	0	0	0	0	186	38	224	42	307	29	378	675
05:30 PM	22	49	0	71	0	0	0	0	0	197	38	235	49	255	28	332	638
05:45 PM	18	46	0	64	0	0	0	0	0	199	34	233	35	255	26	316	613
Total	101	194	0	295	0	0	0	0	0	750	133	883	177	1030	116	1323	2501
Grand Total	263	591	0	854	0	0	0	0	0	2045	437	2482	479	2764	368	3611	6947
Apprch %	30.8	69.2	0		0	0	0		0	82.4	17.6		13.3	76.5	10.2		
Total %	3.8	8.5	0	12.3	0	0	0	0	0	29.4	6.3	35.7	6.9	39.8	5.3	52	

Start Time	Olive Street Southbound				4th Street Westbound				Olive Street Northbound				4th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	31	56	0	87	0	0	0	0	0	168	23	191	51	213	33	297	575
05:15 PM	30	43	0	73	0	0	0	0	0	186	38	224	42	307	29	378	675
05:30 PM	22	49	0	71	0	0	0	0	0	197	38	235	49	255	28	332	638
05:45 PM	18	46	0	64	0	0	0	0	0	199	34	233	35	255	26	316	613
Total Volume	101	194	0	295	0	0	0	0	0	750	133	883	177	1030	116	1323	2501
% App. Total	34.2	65.8	0		0	0	0		0	84.9	15.1		13.4	77.9	8.8		
PHF	.815	.866	.000	.848	.000	.000	.000	.000	.000	.942	.875	.939	.868	.839	.879	.875	.926

City of Los Angeles
 N/S: Olive Street
 E/W: 4th Street
 Weather: Clear

File Name : LACOL4tPM
 Site Code : 20217215
 Start Date : 4/6/2017
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Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	05:00 PM				05:00 PM				05:00 PM				05:00 PM			
+0 mins.	31	56	0	87	0	0	0	0	0	168	23	191	51	213	33	297
+15 mins.	30	43	0	73	0	0	0	0	0	186	38	224	42	307	29	378
+30 mins.	22	49	0	71	0	0	0	0	0	197	38	235	49	255	28	332
+45 mins.	18	46	0	64	0	0	0	0	0	199	34	233	35	255	26	316
Total Volume	101	194	0	295	0	0	0	0	0	750	133	883	177	1030	116	1323
% App. Total	34.2	65.8	0		0	0	0	0	0	84.9	15.1		13.4	77.9	8.8	
PHF	.815	.866	.000	.848	.000	.000	.000	.000	.000	.942	.875	.939	.868	.839	.879	.875

City of Los Angeles
 N/S: Olive Street
 E/W: 4th Street
 Weather: Clear

File Name : LACOL4tPM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

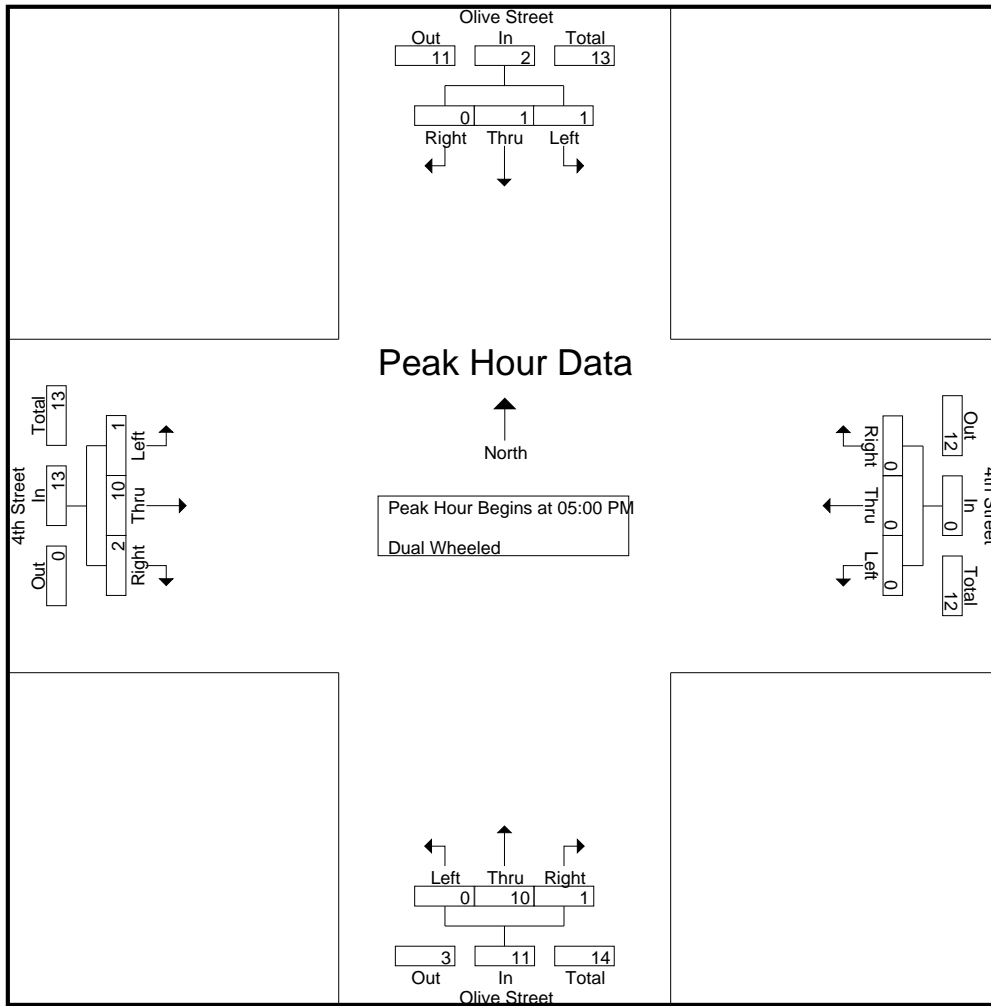
Groups Printed- Dual Wheeled

Start Time	Olive Street Southbound				4th Street Westbound				Olive Street Northbound				4th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
03:00 PM	0	1	0	1	0	0	0	0	0	3	1	4	0	1	1	2	7
03:15 PM	0	1	0	1	0	0	0	0	0	2	3	5	0	1	1	2	8
03:30 PM	0	0	0	0	0	0	0	0	0	1	1	2	0	3	0	3	5
03:45 PM	2	1	0	3	0	0	0	0	0	2	1	3	0	7	1	8	14
Total	2	3	0	5	0	0	0	0	0	8	6	14	0	12	3	15	34
04:00 PM	0	1	0	1	0	0	0	0	0	1	1	2	0	4	0	4	7
04:15 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	2
04:30 PM	1	0	0	1	0	0	0	0	0	2	1	3	0	2	1	3	7
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	4	0	5	5
Total	1	1	0	2	0	0	0	0	0	4	2	6	1	11	1	13	21
05:00 PM	0	1	0	1	0	0	0	0	0	3	0	3	0	2	0	2	6
05:15 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	1	1	2	3
05:30 PM	0	0	0	0	0	0	0	0	0	3	1	4	1	2	0	3	7
05:45 PM	1	0	0	1	0	0	0	0	0	3	0	3	0	5	1	6	10
Total	1	1	0	2	0	0	0	0	0	10	1	11	1	10	2	13	26
Grand Total	4	5	0	9	0	0	0	0	0	22	9	31	2	33	6	41	81
Apprch %	44.4	55.6	0		0	0	0		0	71	29		4.9	80.5	14.6		
Total %	4.9	6.2	0	11.1	0	0	0	0	0	27.2	11.1	38.3	2.5	40.7	7.4	50.6	

Start Time	Olive Street Southbound				4th Street Westbound				Olive Street Northbound				4th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	1	0	1	0	0	0	0	0	3	0	3	0	2	0	2	6
05:15 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	1	1	2	3
05:30 PM	0	0	0	0	0	0	0	0	0	3	1	4	1	2	0	3	7
05:45 PM	1	0	0	1	0	0	0	0	0	3	0	3	0	5	1	6	10
Total Volume	1	1	0	2	0	0	0	0	0	10	1	11	1	10	2	13	26
% App. Total	50	50	0		0	0	0		0	90.9	9.1		7.7	76.9	15.4		
PHF	.250	.250	.000	.500	.000	.000	.000	.000	.000	.833	.250	.688	.250	.500	.500	.542	.650

City of Los Angeles
 N/S: Olive Street
 E/W: 4th Street
 Weather: Clear

File Name : LACOL4tPM
 Site Code : 20217215
 Start Date : 4/6/2017
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Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	05:00 PM				05:00 PM				05:00 PM				05:00 PM			
+0 mins.	0	1	0	1	0	0	0	0	0	3	0	3	0	2	0	2
+15 mins.	0	0	0	0	0	0	0	0	0	1	0	1	0	1	1	2
+30 mins.	0	0	0	0	0	0	0	0	0	3	1	4	1	2	0	3
+45 mins.	1	0	0	1	0	0	0	0	0	3	0	3	0	5	1	6
Total Volume	1	1	0	2	0	0	0	0	0	10	1	11	1	10	2	13
% App. Total	50	50	0		0	0	0		0	90.9	9.1		7.7	76.9	15.4	
PHF	.250	.250	.000	.500	.000	.000	.000	.000	.000	.833	.250	.688	.250	.500	.500	.542

City of Los Angeles
 N/S: Olive Street
 E/W: 4th Street
 Weather: Clear

File Name : LACOL4tPM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

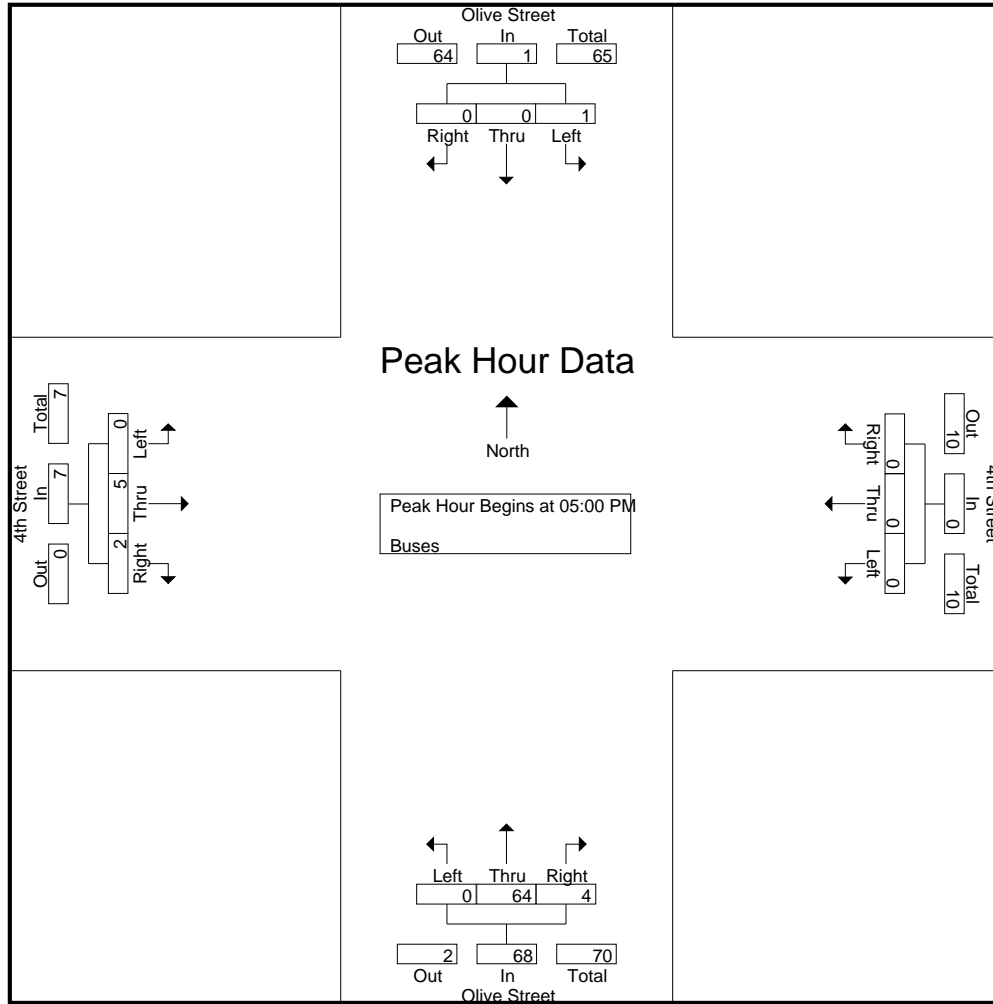
Groups Printed- Buses

Start Time	Olive Street Southbound				4th Street Westbound				Olive Street Northbound				4th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
03:00 PM	0	1	0	1	0	0	0	0	0	12	2	14	0	0	0	0	15
03:15 PM	0	0	0	0	0	0	0	0	0	12	3	15	0	0	2	2	17
03:30 PM	0	0	0	0	0	0	0	0	0	16	2	18	0	1	0	1	19
03:45 PM	0	0	0	0	0	0	0	0	0	12	2	14	0	0	0	0	14
Total	0	1	0	1	0	0	0	0	0	52	9	61	0	1	2	3	65
04:00 PM	0	0	0	0	0	0	0	0	0	14	1	15	0	4	0	4	19
04:15 PM	0	0	0	0	0	0	0	0	0	16	1	17	0	0	1	1	18
04:30 PM	0	0	0	0	0	0	0	0	0	19	1	20	0	3	0	3	23
04:45 PM	0	0	0	0	0	0	0	0	0	12	2	14	0	1	0	1	15
Total	0	0	0	0	0	0	0	0	0	61	5	66	0	8	1	9	75
05:00 PM	0	0	0	0	0	0	0	0	0	15	0	15	0	1	1	2	17
05:15 PM	0	0	0	0	0	0	0	0	0	19	1	20	0	2	1	3	23
05:30 PM	0	0	0	0	0	0	0	0	0	12	1	13	0	0	0	0	13
05:45 PM	1	0	0	1	0	0	0	0	0	18	2	20	0	2	0	2	23
Total	1	0	0	1	0	0	0	0	0	64	4	68	0	5	2	7	76
Grand Total	1	1	0	2	0	0	0	0	0	177	18	195	0	14	5	19	216
Apprch %	50	50	0		0	0	0		0	90.8	9.2		0	73.7	26.3		
Total %	0.5	0.5	0	0.9	0	0	0	0	0	81.9	8.3	90.3	0	6.5	2.3	8.8	

Start Time	Olive Street Southbound				4th Street Westbound				Olive Street Northbound				4th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	0	0	0	0	0	0	0	0	15	0	15	0	1	1	2	17
05:15 PM	0	0	0	0	0	0	0	0	0	19	1	20	0	2	1	3	23
05:30 PM	0	0	0	0	0	0	0	0	0	12	1	13	0	0	0	0	13
05:45 PM	1	0	0	1	0	0	0	0	0	18	2	20	0	2	0	2	23
Total Volume	1	0	0	1	0	0	0	0	0	64	4	68	0	5	2	7	76
% App. Total	100	0	0		0	0	0		0	94.1	5.9		0	71.4	28.6		
PHF	.250	.000	.000	.250	.000	.000	.000	.000	.000	.842	.500	.850	.000	.625	.500	.583	.826

City of Los Angeles
 N/S: Olive Street
 E/W: 4th Street
 Weather: Clear

File Name : LACOL4tPM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 2



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

	05:00 PM				05:00 PM				05:00 PM				05:00 PM			
+0 mins.	0	0	0	0	0	0	0	0	0	15	0	15	0	1	1	2
+15 mins.	0	0	0	0	0	0	0	0	0	19	1	20	0	2	1	3
+30 mins.	0	0	0	0	0	0	0	0	0	12	1	13	0	0	0	0
+45 mins.	1	0	0	1	0	0	0	0	0	18	2	20	0	2	0	2
Total Volume	1	0	0	1	0	0	0	0	0	64	4	68	0	5	2	7
% App. Total	100	0	0	0	0	0	0	0	0	94.1	5.9	68	0	71.4	28.6	7
PHF	.250	.000	.000	.250	.000	.000	.000	.000	.000	.842	.500	.850	.000	.625	.500	.583

City of Los Angeles
 N/S: Hill Street
 E/W: 4th Street
 Weather: Clear

File Name : LACHI4tAM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

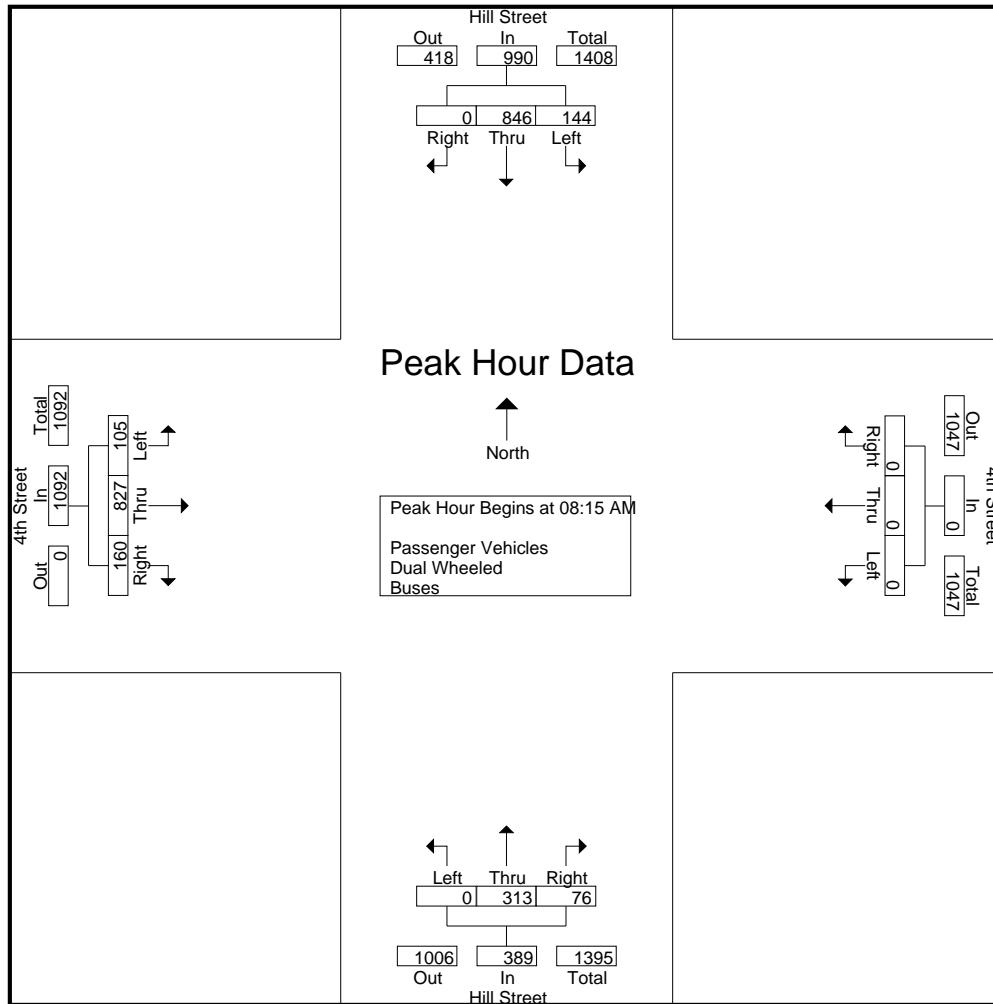
Groups Printed- Passenger Vehicles - Dual Wheeled - Buses

Start Time	Hill Street Southbound				4th Street Westbound				Hill Street Northbound				4th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	34	179	0	213	0	0	0	0	0	68	12	80	16	122	28	166	459
07:15 AM	34	186	0	220	0	0	0	0	0	93	14	107	12	129	29	170	497
07:30 AM	29	205	0	234	0	0	0	0	0	88	15	103	18	159	24	201	538
07:45 AM	42	191	0	233	0	0	0	0	0	88	15	103	31	203	24	258	594
Total	139	761	0	900	0	0	0	0	0	337	56	393	77	613	105	795	2088
08:00 AM	39	189	0	228	0	0	0	0	0	99	20	119	23	174	32	229	576
08:15 AM	41	204	0	245	0	0	0	0	0	79	17	96	30	209	26	265	606
08:30 AM	37	196	0	233	0	0	0	0	0	74	29	103	25	208	33	266	602
08:45 AM	38	239	0	277	0	0	0	0	0	80	12	92	26	210	46	282	651
Total	155	828	0	983	0	0	0	0	0	332	78	410	104	801	137	1042	2435
09:00 AM	28	207	0	235	0	0	0	0	0	80	18	98	24	200	55	279	612
09:15 AM	27	204	0	231	0	0	0	0	0	66	16	82	26	190	54	270	583
09:30 AM	31	209	0	240	0	0	0	0	0	71	19	90	22	179	51	252	582
09:45 AM	30	214	0	244	0	0	0	0	0	77	27	104	12	142	58	212	560
Total	116	834	0	950	0	0	0	0	0	294	80	374	84	711	218	1013	2337
Grand Total	410	2423	0	2833	0	0	0	0	0	963	214	1177	265	2125	460	2850	6860
Apprch %	14.5	85.5	0		0	0	0		0	81.8	18.2		9.3	74.6	16.1		
Total %	6	35.3	0	41.3	0	0	0	0	0	14	3.1	17.2	3.9	31	6.7	41.5	
Passenger Vehicles	400	2290	0	2690	0	0	0	0	0	846	208	1054	261	2049	453	2763	6507
% Passenger Vehicles	97.6	94.5	0	95	0	0	0	0	0	87.9	97.2	89.5	98.5	96.4	98.5	96.9	94.9
Dual Wheeled	10	22	0	32	0	0	0	0	0	21	6	27	4	38	5	47	106
% Dual Wheeled	2.4	0.9	0	1.1	0	0	0	0	0	2.2	2.8	2.3	1.5	1.8	1.1	1.6	1.5
Buses	0	111	0	111	0	0	0	0	0	96	0	96	0	38	2	40	247
% Buses	0	4.6	0	3.9	0	0	0	0	0	10	0	8.2	0	1.8	0.4	1.4	3.6

Start Time	Hill Street Southbound				4th Street Westbound				Hill Street Northbound				4th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:15 AM																	
08:15 AM	41	204	0	245	0	0	0	0	0	79	17	96	30	209	26	265	606
08:30 AM	37	196	0	233	0	0	0	0	0	74	29	103	25	208	33	266	602
08:45 AM	38	239	0	277	0	0	0	0	0	80	12	92	26	210	46	282	651
09:00 AM	28	207	0	235	0	0	0	0	0	80	18	98	24	200	55	279	612
Total Volume	144	846	0	990	0	0	0	0	0	313	76	389	105	827	160	1092	2471
% App. Total	14.5	85.5	0		0	0	0		0	80.5	19.5		9.6	75.7	14.7		
PHF	.878	.885	.000	.894	.000	.000	.000	.000	.000	.978	.655	.944	.875	.985	.727	.968	.949

City of Los Angeles
 N/S: Hill Street
 E/W: 4th Street
 Weather: Clear

File Name : LACHI4tAM
 Site Code : 20217215
 Start Date : 4/6/2017
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Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	08:15 AM				07:00 AM				07:15 AM				08:30 AM			
+0 mins.	41	204	0	245	0	0	0	0	0	93	14	107	25	208	33	266
+15 mins.	37	196	0	233	0	0	0	0	0	88	15	103	26	210	46	282
+30 mins.	38	239	0	277	0	0	0	0	0	88	15	103	24	200	55	279
+45 mins.	28	207	0	235	0	0	0	0	0	99	20	119	26	190	54	270
Total Volume	144	846	0	990	0	0	0	0	0	368	64	432	101	808	188	1097
% App. Total	14.5	85.5	0		0	0	0	0	0	85.2	14.8		9.2	73.7	17.1	
PHF	.878	.885	.000	.894	.000	.000	.000	.000	.000	.929	.800	.908	.971	.962	.855	.973

City of Los Angeles
 N/S: Hill Street
 E/W: 4th Street
 Weather: Clear

File Name : LACHI4tAM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

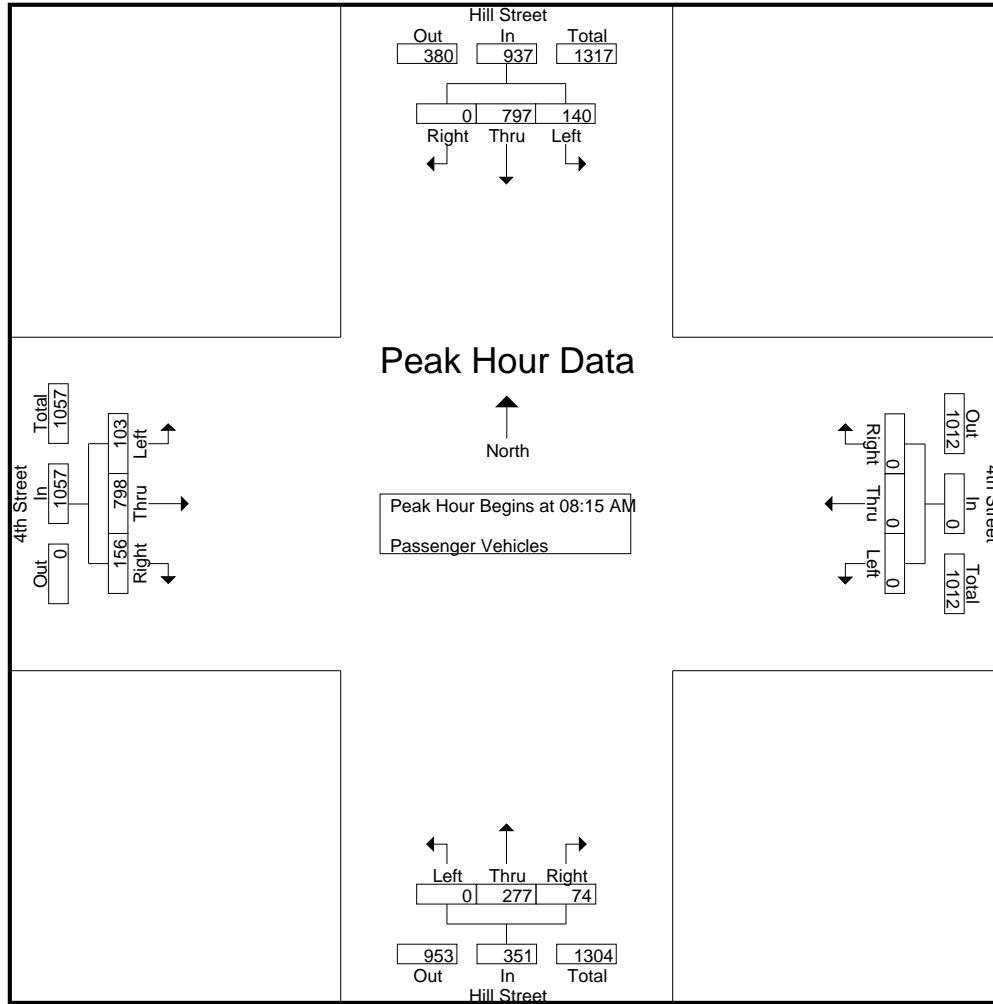
Groups Printed- Passenger Vehicles

Start Time	Hill Street Southbound				4th Street Westbound				Hill Street Northbound				4th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	34	167	0	201	0	0	0	0	0	57	12	69	16	120	27	163	433
07:15 AM	33	173	0	206	0	0	0	0	0	81	13	94	12	125	28	165	465
07:30 AM	29	194	0	223	0	0	0	0	0	77	15	92	17	150	24	191	506
07:45 AM	42	181	0	223	0	0	0	0	0	79	14	93	30	197	24	251	567
Total	138	715	0	853	0	0	0	0	0	294	54	348	75	592	103	770	1971
08:00 AM	37	178	0	215	0	0	0	0	0	84	19	103	23	165	32	220	538
08:15 AM	39	186	0	225	0	0	0	0	0	70	16	86	30	204	26	260	571
08:30 AM	36	185	0	221	0	0	0	0	0	65	29	94	24	199	32	255	570
08:45 AM	38	226	0	264	0	0	0	0	0	70	11	81	26	202	45	273	618
Total	150	775	0	925	0	0	0	0	0	289	75	364	103	770	135	1008	2297
09:00 AM	27	200	0	227	0	0	0	0	0	72	18	90	23	193	53	269	586
09:15 AM	26	195	0	221	0	0	0	0	0	57	16	73	26	182	54	262	556
09:30 AM	31	201	0	232	0	0	0	0	0	64	19	83	22	173	51	246	561
09:45 AM	28	204	0	232	0	0	0	0	0	70	26	96	12	139	57	208	536
Total	112	800	0	912	0	0	0	0	0	263	79	342	83	687	215	985	2239
Grand Total	400	2290	0	2690	0	0	0	0	0	846	208	1054	261	2049	453	2763	6507
Apprch %	14.9	85.1	0		0	0	0		0	80.3	19.7		9.4	74.2	16.4		
Total %	6.1	35.2	0	41.3	0	0	0	0	0	13	3.2	16.2	4	31.5	7	42.5	

Start Time	Hill Street Southbound				4th Street Westbound				Hill Street Northbound				4th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 08:15 AM to 09:00 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:15 AM																	
08:15 AM	39	186	0	225	0	0	0	0	0	70	16	86	30	204	26	260	571
08:30 AM	36	185	0	221	0	0	0	0	0	65	29	94	24	199	32	255	570
08:45 AM	38	226	0	264	0	0	0	0	0	70	11	81	26	202	45	273	618
09:00 AM	27	200	0	227	0	0	0	0	0	72	18	90	23	193	53	269	586
Total Volume	140	797	0	937	0	0	0	0	0	277	74	351	103	798	156	1057	2345
% App. Total	14.9	85.1	0		0	0	0		0	78.9	21.1		9.7	75.5	14.8		
PHF	.897	.882	.000	.887	.000	.000	.000	.000	.000	.962	.638	.934	.858	.978	.736	.968	.949

City of Los Angeles
 N/S: Hill Street
 E/W: 4th Street
 Weather: Clear

File Name : LACHI4tAM
 Site Code : 20217215
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Peak Hour Analysis From 08:15 AM to 09:00 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	08:15 AM				08:15 AM				08:15 AM				08:15 AM			
+0 mins.	39	186	0	225	0	0	0	0	0	70	16	86	30	204	26	260
+15 mins.	36	185	0	221	0	0	0	0	0	65	29	94	24	199	32	255
+30 mins.	38	226	0	264	0	0	0	0	0	70	11	81	26	202	45	273
+45 mins.	27	200	0	227	0	0	0	0	0	72	18	90	23	193	53	269
Total Volume	140	797	0	937	0	0	0	0	0	277	74	351	103	798	156	1057
% App. Total	14.9	85.1	0		0	0	0	0	0	78.9	21.1		9.7	75.5	14.8	
PHF	.897	.882	.000	.887	.000	.000	.000	.000	.000	.962	.638	.934	.858	.978	.736	.968

City of Los Angeles
 N/S: Hill Street
 E/W: 4th Street
 Weather: Clear

File Name : LACHI4tAM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

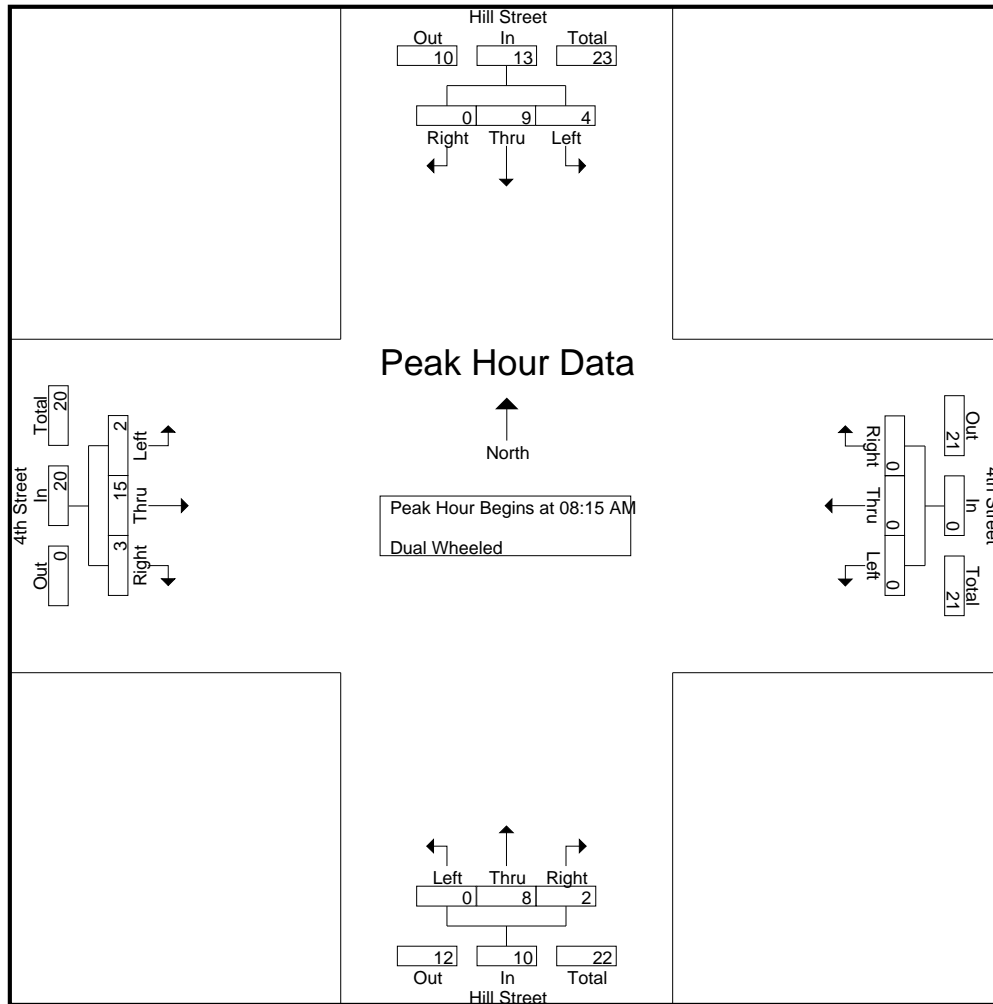
Groups Printed- Dual Wheeled

Start Time	Hill Street Southbound				4th Street Westbound				Hill Street Northbound				4th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	0	2	0	2	0	0	0	0	0	1	0	1	0	0	0	0	3
07:15 AM	1	1	0	2	0	0	0	0	0	2	1	3	0	2	1	3	8
07:30 AM	0	1	0	1	0	0	0	0	0	1	0	1	1	6	0	7	9
07:45 AM	0	3	0	3	0	0	0	0	0	1	1	2	1	3	0	4	9
Total	1	7	0	8	0	0	0	0	0	5	2	7	2	11	1	14	29
08:00 AM	2	1	0	3	0	0	0	0	0	4	1	5	0	3	0	3	11
08:15 AM	2	3	0	5	0	0	0	0	0	0	1	1	0	1	0	1	7
08:30 AM	1	2	0	3	0	0	0	0	0	2	0	2	1	7	1	9	14
08:45 AM	0	2	0	2	0	0	0	0	0	4	1	5	0	2	0	2	9
Total	5	8	0	13	0	0	0	0	0	10	3	13	1	13	1	15	41
09:00 AM	1	2	0	3	0	0	0	0	0	2	0	2	1	5	2	8	13
09:15 AM	1	2	0	3	0	0	0	0	0	1	0	1	0	5	0	5	9
09:30 AM	0	2	0	2	0	0	0	0	0	1	0	1	0	3	0	3	6
09:45 AM	2	1	0	3	0	0	0	0	0	2	1	3	0	1	1	2	8
Total	4	7	0	11	0	0	0	0	0	6	1	7	1	14	3	18	36
Grand Total	10	22	0	32	0	0	0	0	0	21	6	27	4	38	5	47	106
Apprch %	31.2	68.8	0		0	0	0		0	77.8	22.2		8.5	80.9	10.6		
Total %	9.4	20.8	0	30.2	0	0	0	0	0	19.8	5.7	25.5	3.8	35.8	4.7	44.3	

Start Time	Hill Street Southbound				4th Street Westbound				Hill Street Northbound				4th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 08:15 AM to 09:00 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:15 AM																	
08:15 AM	2	3	0	5	0	0	0	0	0	0	1	1	0	1	0	1	7
08:30 AM	1	2	0	3	0	0	0	0	0	2	0	2	1	7	1	9	14
08:45 AM	0	2	0	2	0	0	0	0	0	4	1	5	0	2	0	2	9
09:00 AM	1	2	0	3	0	0	0	0	0	2	0	2	1	5	2	8	13
Total Volume	4	9	0	13	0	0	0	0	0	8	2	10	2	15	3	20	43
% App. Total	30.8	69.2	0		0	0	0		0	80	20		10	75	15		
PHF	.500	.750	.000	.650	.000	.000	.000	.000	.000	.500	.500	.500	.500	.536	.375	.556	.768

City of Los Angeles
 N/S: Hill Street
 E/W: 4th Street
 Weather: Clear

File Name : LACHI4tAM
 Site Code : 20217215
 Start Date : 4/6/2017
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Peak Hour Analysis From 08:15 AM to 09:00 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	08:15 AM				08:15 AM				08:15 AM				08:15 AM			
+0 mins.	2	3	0	5	0	0	0	0	0	0	1	1	0	1	0	1
+15 mins.	1	2	0	3	0	0	0	0	0	2	0	2	1	7	1	9
+30 mins.	0	2	0	2	0	0	0	0	0	4	1	5	0	2	0	2
+45 mins.	1	2	0	3	0	0	0	0	0	2	0	2	1	5	2	8
Total Volume	4	9	0	13	0	0	0	0	0	8	2	10	2	15	3	20
% App. Total	30.8	69.2	0		0	0	0	0	0	80	20		10	75	15	
PHF	.500	.750	.000	.650	.000	.000	.000	.000	.000	.500	.500	.500	.500	.536	.375	.556

City of Los Angeles
 N/S: Hill Street
 E/W: 4th Street
 Weather: Clear

File Name : LACHI4tAM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

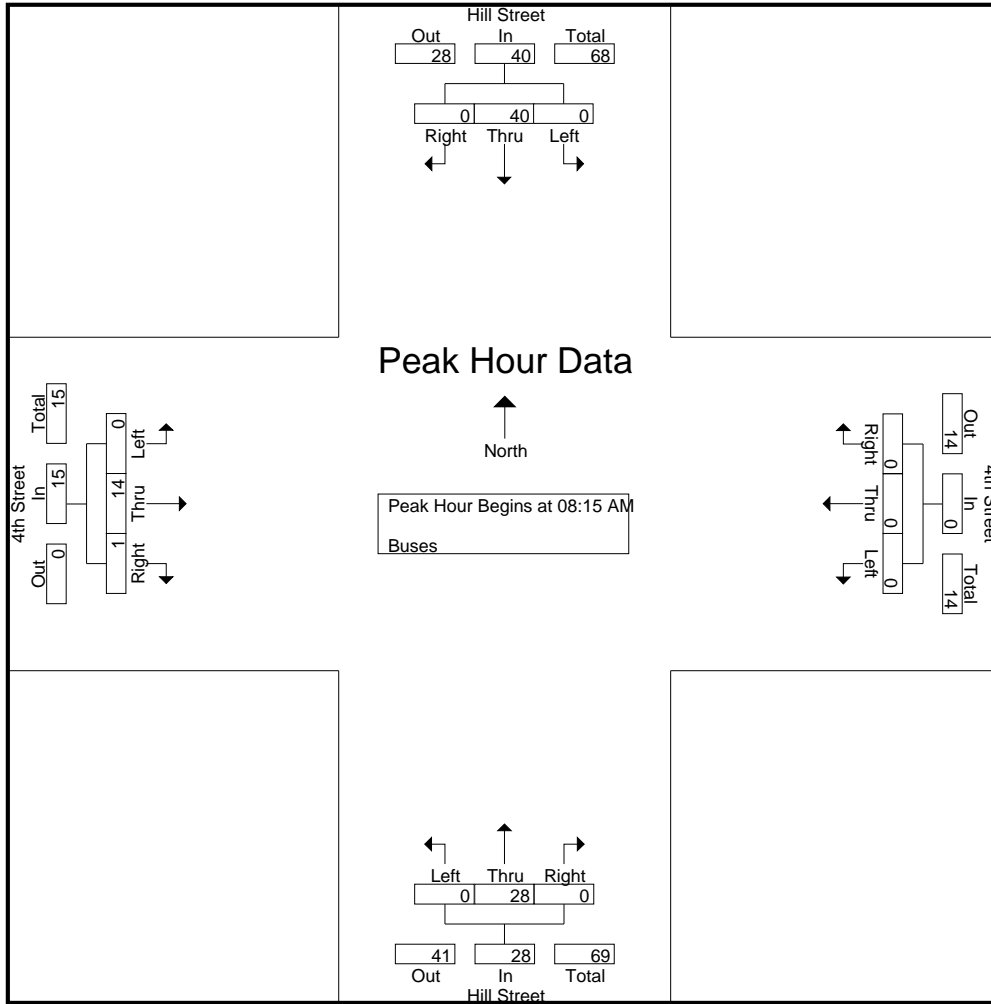
Groups Printed- Buses

Start Time	Hill Street Southbound				4th Street Westbound				Hill Street Northbound				4th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	0	10	0	10	0	0	0	0	0	10	0	10	0	2	1	3	23
07:15 AM	0	12	0	12	0	0	0	0	0	10	0	10	0	2	0	2	24
07:30 AM	0	10	0	10	0	0	0	0	0	10	0	10	0	3	0	3	23
07:45 AM	0	7	0	7	0	0	0	0	0	8	0	8	0	3	0	3	18
Total	0	39	0	39	0	0	0	0	0	38	0	38	0	10	1	11	88
08:00 AM	0	10	0	10	0	0	0	0	0	11	0	11	0	6	0	6	27
08:15 AM	0	15	0	15	0	0	0	0	0	9	0	9	0	4	0	4	28
08:30 AM	0	9	0	9	0	0	0	0	0	7	0	7	0	2	0	2	18
08:45 AM	0	11	0	11	0	0	0	0	0	6	0	6	0	6	1	7	24
Total	0	45	0	45	0	0	0	0	0	33	0	33	0	18	1	19	97
09:00 AM	0	5	0	5	0	0	0	0	0	6	0	6	0	2	0	2	13
09:15 AM	0	7	0	7	0	0	0	0	0	8	0	8	0	3	0	3	18
09:30 AM	0	6	0	6	0	0	0	0	0	6	0	6	0	3	0	3	15
09:45 AM	0	9	0	9	0	0	0	0	0	5	0	5	0	2	0	2	16
Total	0	27	0	27	0	0	0	0	0	25	0	25	0	10	0	10	62
Grand Total	0	111	0	111	0	0	0	0	0	96	0	96	0	38	2	40	247
Apprch %	0	100	0		0	0	0		0	100	0		0	95	5		
Total %	0	44.9	0	44.9	0	0	0	0	0	38.9	0	38.9	0	15.4	0.8	16.2	

Start Time	Hill Street Southbound				4th Street Westbound				Hill Street Northbound				4th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 08:15 AM to 09:00 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:15 AM																	
08:15 AM	0	15	0	15	0	0	0	0	0	9	0	9	0	4	0	4	28
08:30 AM	0	9	0	9	0	0	0	0	0	7	0	7	0	2	0	2	18
08:45 AM	0	11	0	11	0	0	0	0	0	6	0	6	0	6	1	7	24
09:00 AM	0	5	0	5	0	0	0	0	0	6	0	6	0	2	0	2	13
Total Volume	0	40	0	40	0	0	0	0	0	28	0	28	0	14	1	15	83
% App. Total	0	100	0		0	0	0		0	100	0		0	93.3	6.7		
PHF	.000	.667	.000	.667	.000	.000	.000	.000	.000	.778	.000	.778	.000	.583	.250	.536	.741

City of Los Angeles
 N/S: Hill Street
 E/W: 4th Street
 Weather: Clear

File Name : LACHI4tAM
 Site Code : 20217215
 Start Date : 4/6/2017
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Peak Hour Analysis From 08:15 AM to 09:00 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	08:15 AM				08:15 AM				08:15 AM				08:15 AM			
+0 mins.	0	15	0	15	0	0	0	0	0	9	0	9	0	4	0	4
+15 mins.	0	9	0	9	0	0	0	0	0	7	0	7	0	2	0	2
+30 mins.	0	11	0	11	0	0	0	0	0	6	0	6	0	6	1	7
+45 mins.	0	5	0	5	0	0	0	0	0	6	0	6	0	2	0	2
Total Volume	0	40	0	40	0	0	0	0	0	28	0	28	0	14	1	15
% App. Total	0	100	0		0	0	0	0	0	100	0		0	93.3	6.7	
PHF	.000	.667	.000	.667	.000	.000	.000	.000	.000	.778	.000	.778	.000	.583	.250	.536

City of Los Angeles
 N/S: Hill Street
 E/W: 4th Street
 Weather: Clear

File Name : LACHI4tPM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

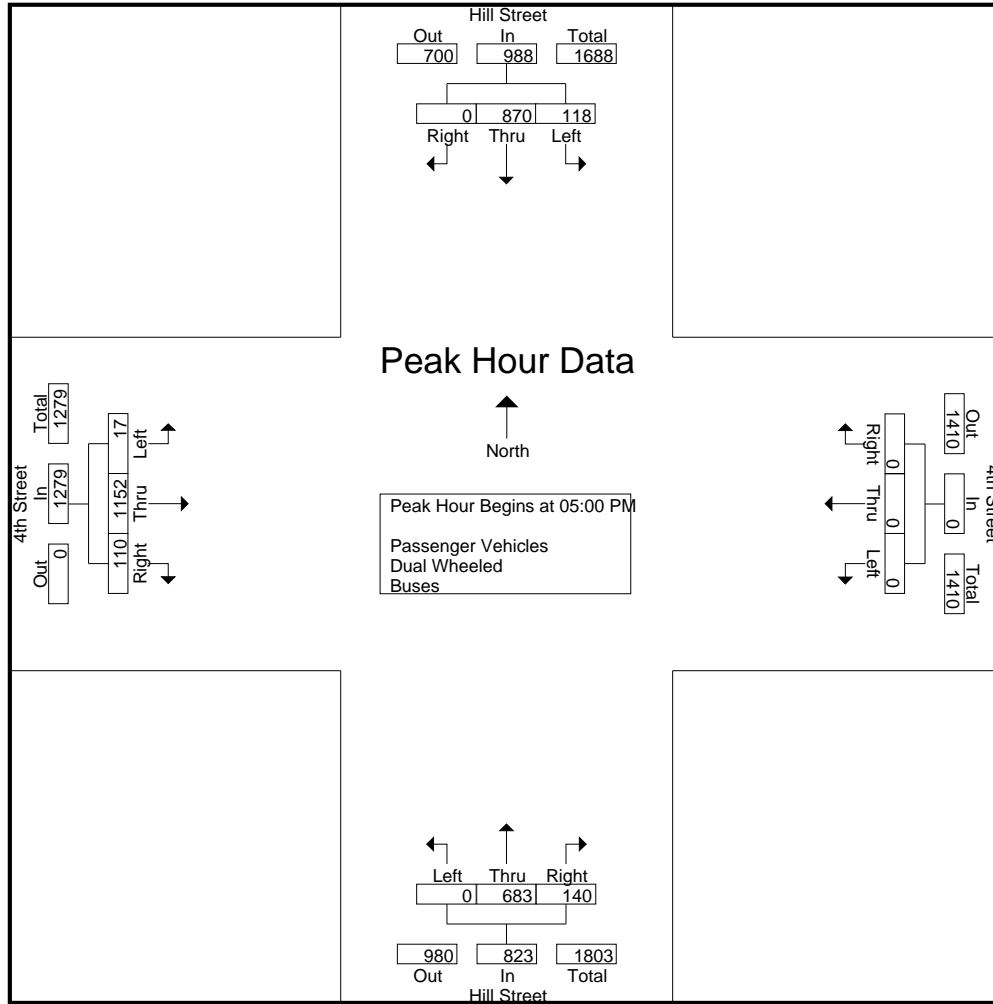
Groups Printed- Passenger Vehicles - Dual Wheeled - Buses

Start Time	Hill Street Southbound				4th Street Westbound				Hill Street Northbound				4th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
03:00 PM	20	221	0	241	0	0	0	0	0	111	18	129	18	162	20	200	570
03:15 PM	19	185	0	204	0	0	0	0	0	110	33	143	19	187	21	227	574
03:30 PM	21	214	0	235	0	0	0	0	0	107	24	131	14	198	25	237	603
03:45 PM	27	212	0	239	0	0	0	0	0	130	30	160	12	248	27	287	686
Total	87	832	0	919	0	0	0	0	0	458	105	563	63	795	93	951	2433
04:00 PM	29	188	0	217	0	0	0	0	0	132	22	154	8	239	24	271	642
04:15 PM	25	225	0	250	0	0	0	0	0	148	30	178	8	301	31	340	768
04:30 PM	31	217	0	248	0	0	0	0	0	119	32	151	9	248	35	292	691
04:45 PM	18	237	0	255	0	0	0	0	0	148	32	180	7	271	34	312	747
Total	103	867	0	970	0	0	0	0	0	547	116	663	32	1059	124	1215	2848
05:00 PM	34	216	0	250	0	0	0	0	0	158	35	193	2	243	18	263	706
05:15 PM	25	219	0	244	0	0	0	0	0	183	33	216	6	344	34	384	844
05:30 PM	29	225	0	254	0	0	0	0	0	168	42	210	6	281	34	321	785
05:45 PM	30	210	0	240	0	0	0	0	0	174	30	204	3	284	24	311	755
Total	118	870	0	988	0	0	0	0	0	683	140	823	17	1152	110	1279	3090
Grand Total	308	2569	0	2877	0	0	0	0	0	1688	361	2049	112	3006	327	3445	8371
Apprch %	10.7	89.3	0		0	0	0		0	82.4	17.6		3.3	87.3	9.5		
Total %	3.7	30.7	0	34.4	0	0	0	0	0	20.2	4.3	24.5	1.3	35.9	3.9	41.2	
Passenger Vehicles	298	2422	0	2720	0	0	0	0	0	1572	347	1919	112	2942	319	3373	8012
% Passenger Vehicles	96.8	94.3	0	94.5	0	0	0	0	0	93.1	96.1	93.7	100	97.9	97.6	97.9	95.7
Dual Wheeled	10	22	0	32	0	0	0	0	0	13	9	22	0	33	7	40	94
% Dual Wheeled	3.2	0.9	0	1.1	0	0	0	0	0	0.8	2.5	1.1	0	1.1	2.1	1.2	1.1
Buses	0	125	0	125	0	0	0	0	0	103	5	108	0	31	1	32	265
% Buses	0	4.9	0	4.3	0	0	0	0	0	6.1	1.4	5.3	0	1	0.3	0.9	3.2

Start Time	Hill Street Southbound				4th Street Westbound				Hill Street Northbound				4th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	34	216	0	250	0	0	0	0	0	158	35	193	2	243	18	263	706
05:15 PM	25	219	0	244	0	0	0	0	0	183	33	216	6	344	34	384	844
05:30 PM	29	225	0	254	0	0	0	0	0	168	42	210	6	281	34	321	785
05:45 PM	30	210	0	240	0	0	0	0	0	174	30	204	3	284	24	311	755
Total Volume	118	870	0	988	0	0	0	0	0	683	140	823	17	1152	110	1279	3090
% App. Total	11.9	88.1	0		0	0	0		0	83	17		1.3	90.1	8.6		
PHF	.868	.967	.000	.972	.000	.000	.000	.000	.000	.933	.833	.953	.708	.837	.809	.833	.915

City of Los Angeles
 N/S: Hill Street
 E/W: 4th Street
 Weather: Clear

File Name : LACHI4tPM
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Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	04:15 PM				03:00 PM				05:00 PM				04:45 PM			
+0 mins.	25	225	0	250	0	0	0	0	0	158	35	193	7	271	34	312
+15 mins.	31	217	0	248	0	0	0	0	0	183	33	216	2	243	18	263
+30 mins.	18	237	0	255	0	0	0	0	0	168	42	210	6	344	34	384
+45 mins.	34	216	0	250	0	0	0	0	0	174	30	204	6	281	34	321
Total Volume	108	895	0	1003	0	0	0	0	0	683	140	823	21	1139	120	1280
% App. Total	10.8	89.2	0		0	0	0		0	83	17		1.6	89	9.4	
PHF	.794	.944	.000	.983	.000	.000	.000	.000	.000	.933	.833	.953	.750	.828	.882	.833

City of Los Angeles
 N/S: Hill Street
 E/W: 4th Street
 Weather: Clear

File Name : LACHI4tPM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

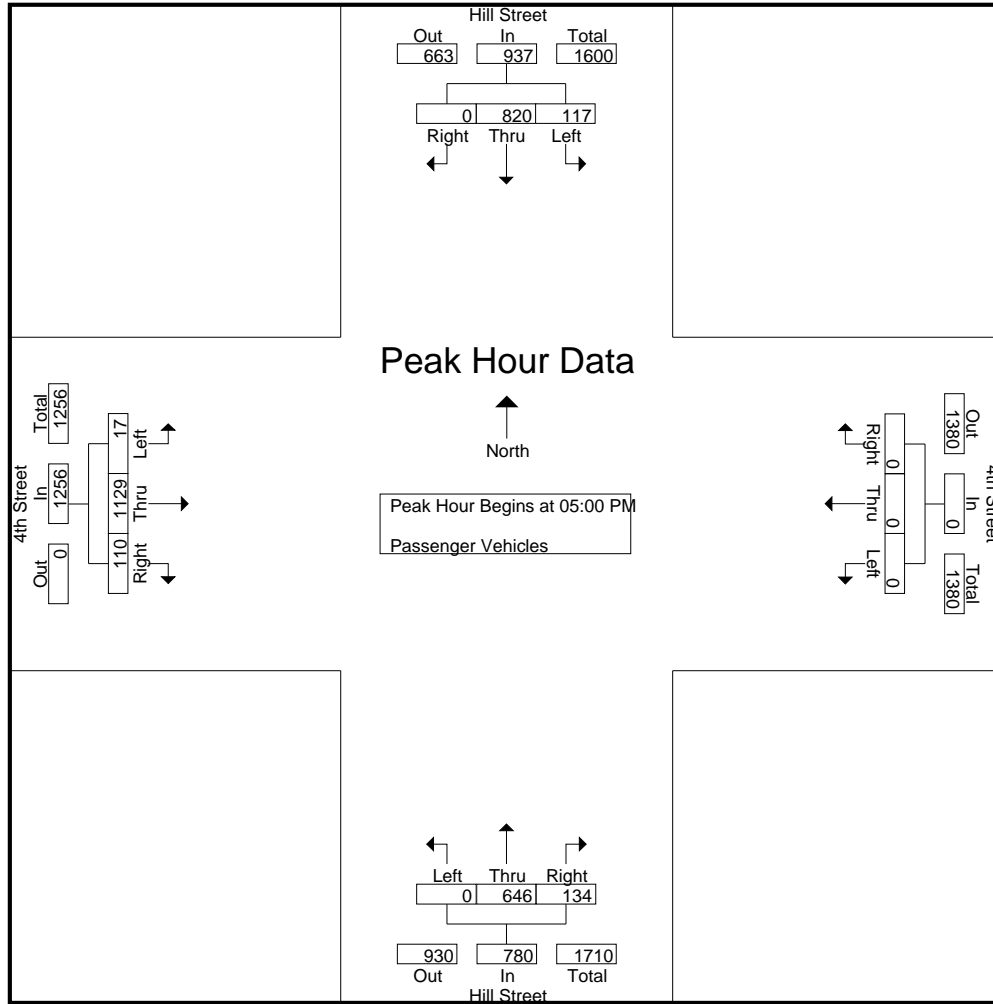
Groups Printed- Passenger Vehicles

Start Time	Hill Street Southbound				4th Street Westbound				Hill Street Northbound				4th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
03:00 PM	19	211	0	230	0	0	0	0	0	100	18	118	18	159	19	196	544
03:15 PM	19	175	0	194	0	0	0	0	0	103	32	135	19	183	19	221	550
03:30 PM	16	201	0	217	0	0	0	0	0	101	22	123	14	192	25	231	571
03:45 PM	27	201	0	228	0	0	0	0	0	120	29	149	12	240	25	277	654
Total	81	788	0	869	0	0	0	0	0	424	101	525	63	774	88	925	2319
04:00 PM	27	178	0	205	0	0	0	0	0	120	22	142	8	230	23	261	608
04:15 PM	25	211	0	236	0	0	0	0	0	134	30	164	8	300	31	339	739
04:30 PM	31	201	0	232	0	0	0	0	0	110	31	141	9	242	34	285	658
04:45 PM	17	224	0	241	0	0	0	0	0	138	29	167	7	267	33	307	715
Total	100	814	0	914	0	0	0	0	0	502	112	614	32	1039	121	1192	2720
05:00 PM	34	201	0	235	0	0	0	0	0	149	32	181	2	239	18	259	675
05:15 PM	24	203	0	227	0	0	0	0	0	173	33	206	6	339	34	379	812
05:30 PM	29	216	0	245	0	0	0	0	0	160	41	201	6	278	34	318	764
05:45 PM	30	200	0	230	0	0	0	0	0	164	28	192	3	273	24	300	722
Total	117	820	0	937	0	0	0	0	0	646	134	780	17	1129	110	1256	2973
Grand Total	298	2422	0	2720	0	0	0	0	0	1572	347	1919	112	2942	319	3373	8012
Apprch %	11	89	0		0	0	0		0	81.9	18.1		3.3	87.2	9.5		
Total %	3.7	30.2	0	33.9	0	0	0	0	0	19.6	4.3	24	1.4	36.7	4	42.1	

Start Time	Hill Street Southbound				4th Street Westbound				Hill Street Northbound				4th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	34	201	0	235	0	0	0	0	0	149	32	181	2	239	18	259	675
05:15 PM	24	203	0	227	0	0	0	0	0	173	33	206	6	339	34	379	812
05:30 PM	29	216	0	245	0	0	0	0	0	160	41	201	6	278	34	318	764
05:45 PM	30	200	0	230	0	0	0	0	0	164	28	192	3	273	24	300	722
Total Volume	117	820	0	937	0	0	0	0	0	646	134	780	17	1129	110	1256	2973
% App. Total	12.5	87.5	0		0	0	0		0	82.8	17.2		1.4	89.9	8.8		
PHF	.860	.949	.000	.956	.000	.000	.000	.000	.000	.934	.817	.947	.708	.833	.809	.828	.915

City of Los Angeles
 N/S: Hill Street
 E/W: 4th Street
 Weather: Clear

File Name : LACHI4tPM
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Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	05:00 PM				05:00 PM				05:00 PM				05:00 PM			
+0 mins.	34	201	0	235	0	0	0	0	0	149	32	181	2	239	18	259
+15 mins.	24	203	0	227	0	0	0	0	0	173	33	206	6	339	34	379
+30 mins.	29	216	0	245	0	0	0	0	0	160	41	201	6	278	34	318
+45 mins.	30	200	0	230	0	0	0	0	0	164	28	192	3	273	24	300
Total Volume	117	820	0	937	0	0	0	0	0	646	134	780	17	1129	110	1256
% App. Total	12.5	87.5	0		0	0	0	0	0	82.8	17.2		1.4	89.9	8.8	
PHF	.860	.949	.000	.956	.000	.000	.000	.000	.000	.934	.817	.947	.708	.833	.809	.828

City of Los Angeles
 N/S: Hill Street
 E/W: 4th Street
 Weather: Clear

File Name : LACHI4tPM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

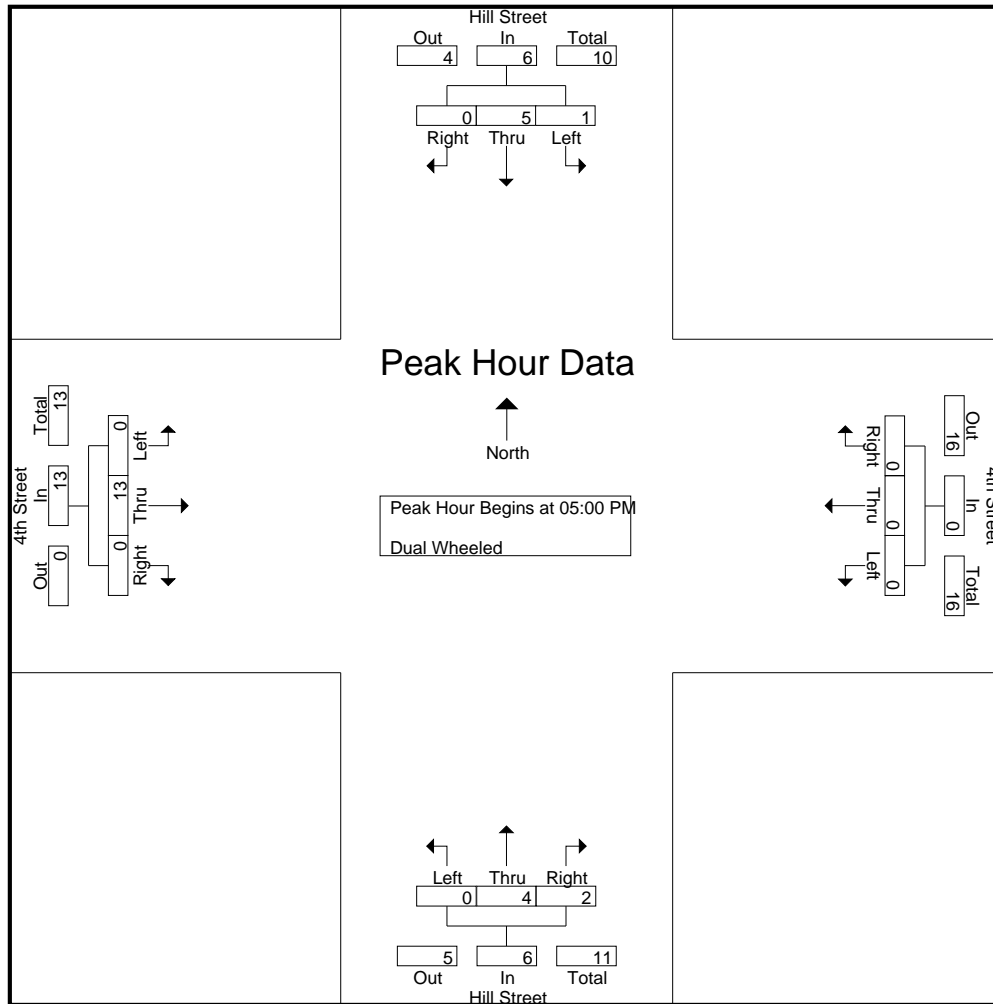
Groups Printed- Dual Wheeled

Start Time	Hill Street Southbound				4th Street Westbound				Hill Street Northbound				4th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
03:00 PM	1	1	0	2	0	0	0	0	0	1	0	1	0	1	1	2	5
03:15 PM	0	3	0	3	0	0	0	0	0	0	1	1	0	1	2	3	7
03:30 PM	5	1	0	6	0	0	0	0	0	2	2	4	0	4	0	4	14
03:45 PM	0	3	0	3	0	0	0	0	0	2	1	3	0	6	2	8	14
Total	6	8	0	14	0	0	0	0	0	5	4	9	0	12	5	17	40
04:00 PM	2	1	0	3	0	0	0	0	0	1	0	1	0	4	1	5	9
04:15 PM	0	1	0	1	0	0	0	0	0	2	0	2	0	0	0	0	3
04:30 PM	0	4	0	4	0	0	0	0	0	1	0	1	0	3	1	4	9
04:45 PM	1	3	0	4	0	0	0	0	0	0	3	3	0	1	0	1	8
Total	3	9	0	12	0	0	0	0	0	4	3	7	0	8	2	10	29
05:00 PM	0	3	0	3	0	0	0	0	0	1	2	3	0	3	0	3	9
05:15 PM	1	1	0	2	0	0	0	0	0	1	0	1	0	2	0	2	5
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2
05:45 PM	0	1	0	1	0	0	0	0	0	2	0	2	0	6	0	6	9
Total	1	5	0	6	0	0	0	0	0	4	2	6	0	13	0	13	25
Grand Total	10	22	0	32	0	0	0	0	0	13	9	22	0	33	7	40	94
Apprch %	31.2	68.8	0		0	0	0		0	59.1	40.9		0	82.5	17.5		
Total %	10.6	23.4	0	34	0	0	0	0	0	13.8	9.6	23.4	0	35.1	7.4	42.6	

Start Time	Hill Street Southbound				4th Street Westbound				Hill Street Northbound				4th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	3	0	3	0	0	0	0	0	1	2	3	0	3	0	3	9
05:15 PM	1	1	0	2	0	0	0	0	0	1	0	1	0	2	0	2	5
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2
05:45 PM	0	1	0	1	0	0	0	0	0	2	0	2	0	6	0	6	9
Total Volume	1	5	0	6	0	0	0	0	0	4	2	6	0	13	0	13	25
% App. Total	16.7	83.3	0		0	0	0		0	66.7	33.3		0	100	0		
PHF	.250	.417	.000	.500	.000	.000	.000	.000	.000	.500	.250	.500	.000	.542	.000	.542	.694

City of Los Angeles
 N/S: Hill Street
 E/W: 4th Street
 Weather: Clear

File Name : LACHI4tPM
 Site Code : 20217215
 Start Date : 4/6/2017
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Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	05:00 PM				05:00 PM				05:00 PM				05:00 PM			
+0 mins.	0	3	0	3	0	0	0	0	0	1	2	3	0	3	0	3
+15 mins.	1	1	0	2	0	0	0	0	0	1	0	1	0	2	0	2
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
+45 mins.	0	1	0	1	0	0	0	0	0	2	0	2	0	6	0	6
Total Volume	1	5	0	6	0	0	0	0	0	4	2	6	0	13	0	13
% App. Total	16.7	83.3	0		0	0	0	0	0	66.7	33.3		0	100	0	
PHF	.250	.417	.000	.500	.000	.000	.000	.000	.000	.500	.250	.500	.000	.542	.000	.542

City of Los Angeles
 N/S: Hill Street
 E/W: 4th Street
 Weather: Clear

File Name : LACHI4tPM
 Site Code : 20217215
 Start Date : 4/6/2017
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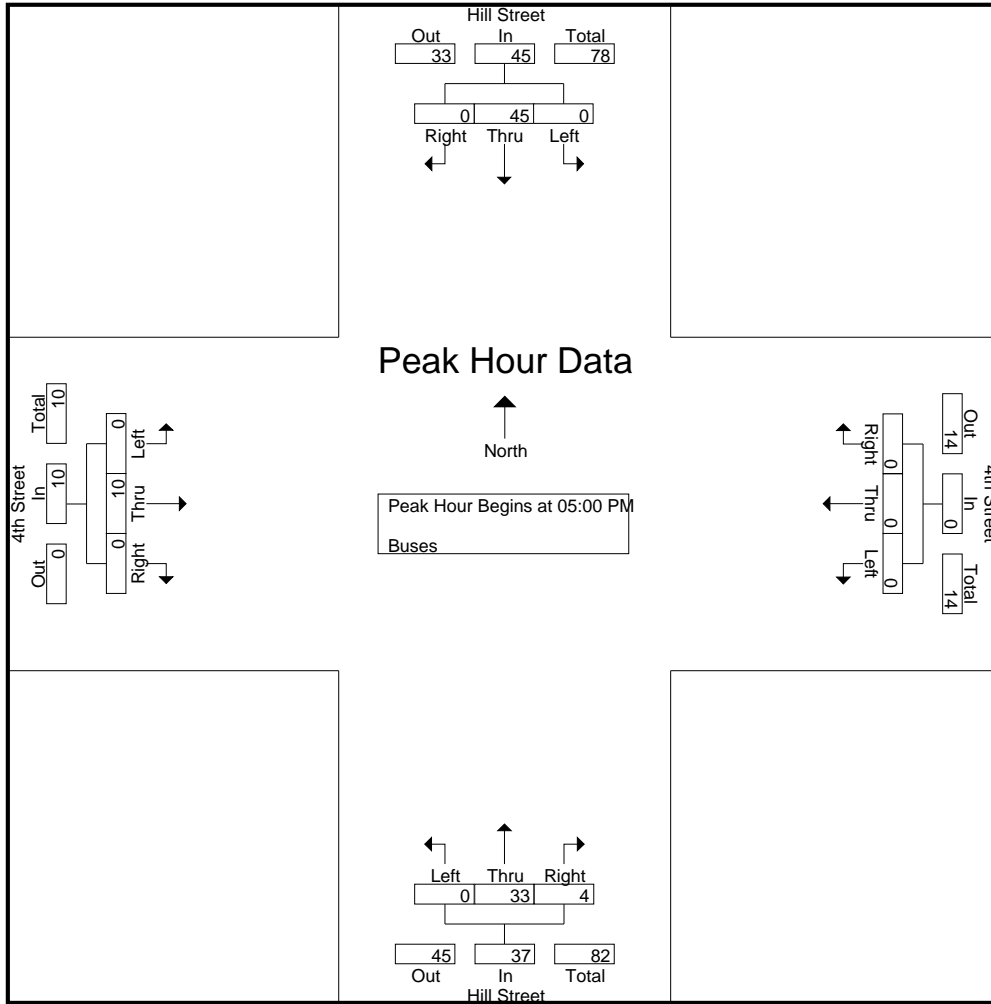
Groups Printed- Buses

Start Time	Hill Street Southbound				4th Street Westbound				Hill Street Northbound				4th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
03:00 PM	0	9	0	9	0	0	0	0	0	10	0	10	0	2	0	2	21
03:15 PM	0	7	0	7	0	0	0	0	0	7	0	7	0	3	0	3	17
03:30 PM	0	12	0	12	0	0	0	0	0	4	0	4	0	2	0	2	18
03:45 PM	0	8	0	8	0	0	0	0	0	8	0	8	0	2	0	2	18
Total	0	36	0	36	0	0	0	0	0	29	0	29	0	9	0	9	74
04:00 PM	0	9	0	9	0	0	0	0	0	11	0	11	0	5	0	5	25
04:15 PM	0	13	0	13	0	0	0	0	0	12	0	12	0	1	0	1	26
04:30 PM	0	12	0	12	0	0	0	0	0	8	1	9	0	3	0	3	24
04:45 PM	0	10	0	10	0	0	0	0	0	10	0	10	0	3	1	4	24
Total	0	44	0	44	0	0	0	0	0	41	1	42	0	12	1	13	99
05:00 PM	0	12	0	12	0	0	0	0	0	8	1	9	0	1	0	1	22
05:15 PM	0	15	0	15	0	0	0	0	0	9	0	9	0	3	0	3	27
05:30 PM	0	9	0	9	0	0	0	0	0	8	1	9	0	1	0	1	19
05:45 PM	0	9	0	9	0	0	0	0	0	8	2	10	0	5	0	5	24
Total	0	45	0	45	0	0	0	0	0	33	4	37	0	10	0	10	92
Grand Total	0	125	0	125	0	0	0	0	0	103	5	108	0	31	1	32	265
Apprch %	0	100	0		0	0	0		0	95.4	4.6		0	96.9	3.1		
Total %	0	47.2	0	47.2	0	0	0	0	0	38.9	1.9	40.8	0	11.7	0.4	12.1	

Start Time	Hill Street Southbound				4th Street Westbound				Hill Street Northbound				4th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	12	0	12	0	0	0	0	0	8	1	9	0	1	0	1	22
05:15 PM	0	15	0	15	0	0	0	0	0	9	0	9	0	3	0	3	27
05:30 PM	0	9	0	9	0	0	0	0	0	8	1	9	0	1	0	1	19
05:45 PM	0	9	0	9	0	0	0	0	0	8	2	10	0	5	0	5	24
Total Volume	0	45	0	45	0	0	0	0	0	33	4	37	0	10	0	10	92
% App. Total	0	100	0		0	0	0		0	89.2	10.8		0	100	0		
PHF	.000	.750	.000	.750	.000	.000	.000	.000	.000	.917	.500	.925	.000	.500	.000	.500	.852

City of Los Angeles
 N/S: Hill Street
 E/W: 4th Street
 Weather: Clear

File Name : LACHI4tPM
 Site Code : 20217215
 Start Date : 4/6/2017
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Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	05:00 PM				05:00 PM				05:00 PM				05:00 PM			
+0 mins.	0	12	0	12	0	0	0	0	0	8	1	9	0	1	0	1
+15 mins.	0	15	0	15	0	0	0	0	0	9	0	9	0	3	0	3
+30 mins.	0	9	0	9	0	0	0	0	0	8	1	9	0	1	0	1
+45 mins.	0	9	0	9	0	0	0	0	0	8	2	10	0	5	0	5
Total Volume	0	45	0	45	0	0	0	0	0	33	4	37	0	10	0	10
% App. Total	0	100	0		0	0	0	0	0	89.2	10.8		0	100	0	
PHF	.000	.750	.000	.750	.000	.000	.000	.000	.000	.917	.500	.925	.000	.500	.000	.500

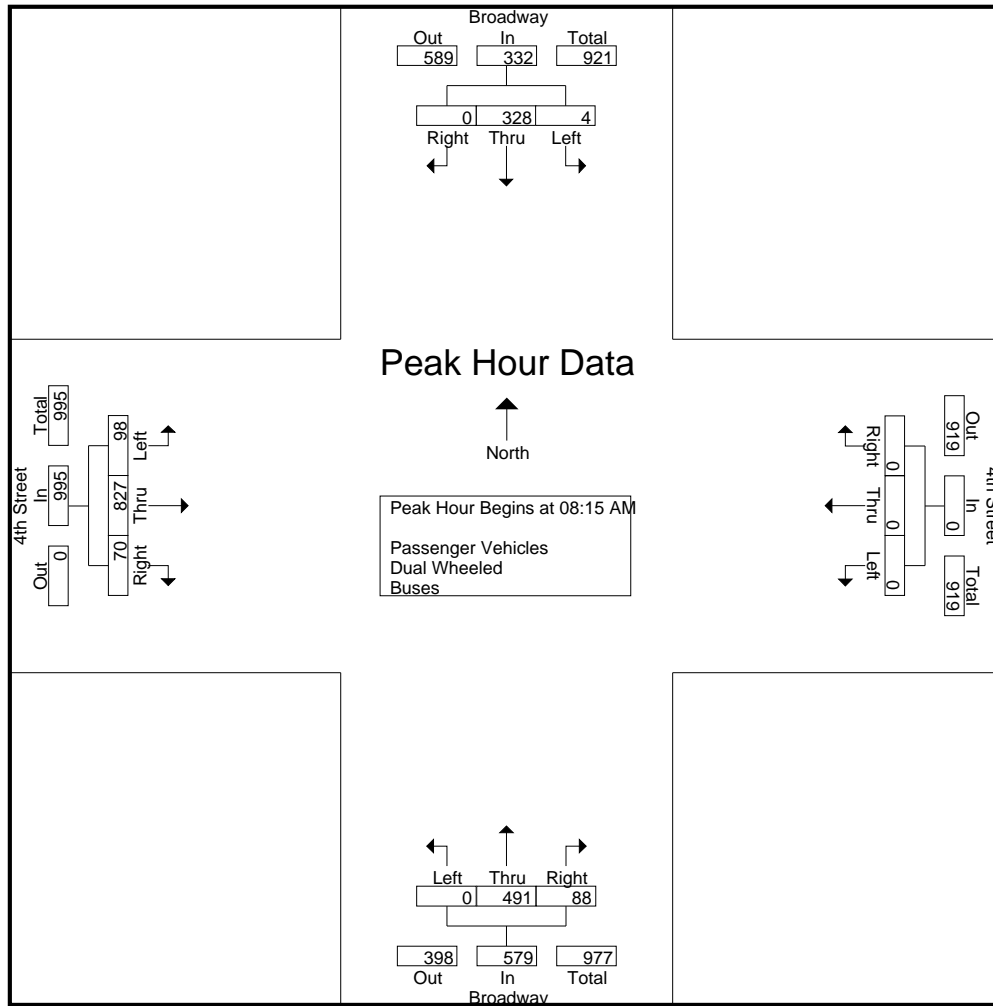
City of Los Angeles
 N/S: Broadway
 E/W: 4th Street
 Weather: Clear

File Name : LACBR4tAM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

Groups Printed- Passenger Vehicles - Dual Wheeled - Buses

Start Time	Broadway Southbound				4th Street Westbound				Broadway Northbound				4th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	1	69	0	70	0	0	0	0	0	80	17	97	11	141	11	163	330
07:15 AM	0	67	0	67	0	0	0	0	0	112	19	131	11	154	12	177	375
07:30 AM	1	72	0	73	0	0	0	0	0	117	13	130	16	173	9	198	401
07:45 AM	0	55	0	55	0	0	0	0	0	135	25	160	19	216	14	249	464
Total	2	263	0	265	0	0	0	0	0	444	74	518	57	684	46	787	1570
08:00 AM	2	80	0	82	0	0	0	0	0	112	18	130	18	195	14	227	439
08:15 AM	0	82	0	82	0	0	0	0	0	114	21	135	17	214	21	252	469
08:30 AM	2	89	0	91	0	0	0	0	0	123	16	139	28	197	13	238	468
08:45 AM	1	73	0	74	0	0	0	0	0	124	23	147	28	214	14	256	477
Total	5	324	0	329	0	0	0	0	0	473	78	551	91	820	62	973	1853
09:00 AM	1	84	0	85	0	0	0	0	0	130	28	158	25	202	22	249	492
09:15 AM	0	97	0	97	0	0	0	0	0	97	18	115	19	177	18	214	426
09:30 AM	1	88	0	89	0	0	0	0	0	87	19	106	23	193	16	232	427
09:45 AM	0	108	0	108	0	0	0	0	0	90	33	123	23	153	24	200	431
Total	2	377	0	379	0	0	0	0	0	404	98	502	90	725	80	895	1776
Grand Total	9	964	0	973	0	0	0	0	0	1321	250	1571	238	2229	188	2655	5199
Apprch %	0.9	99.1	0		0	0	0		0	84.1	15.9		9	84	7.1		
Total %	0.2	18.5	0	18.7	0	0	0	0	0	25.4	4.8	30.2	4.6	42.9	3.6	51.1	
Passenger Vehicles	9	902	0	911	0	0	0	0	0	1137	232	1369	230	2141	180	2551	4831
% Passenger Vehicles	100	93.6	0	93.6	0	0	0	0	0	86.1	92.8	87.1	96.6	96.1	95.7	96.1	92.9
Dual Wheeled	0	60	0	60	0	0	0	0	0	68	17	85	7	52	8	67	212
% Dual Wheeled	0	6.2	0	6.2	0	0	0	0	0	5.1	6.8	5.4	2.9	2.3	4.3	2.5	4.1
Buses	0	2	0	2	0	0	0	0	0	116	1	117	1	36	0	37	156
% Buses	0	0.2	0	0.2	0	0	0	0	0	8.8	0.4	7.4	0.4	1.6	0	1.4	3

Start Time	Broadway Southbound				4th Street Westbound				Broadway Northbound				4th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:15 AM																	
08:15 AM	0	82	0	82	0	0	0	0	0	114	21	135	17	214	21	252	469
08:30 AM	2	89	0	91	0	0	0	0	0	123	16	139	28	197	13	238	468
08:45 AM	1	73	0	74	0	0	0	0	0	124	23	147	28	214	14	256	477
09:00 AM	1	84	0	85	0	0	0	0	0	130	28	158	25	202	22	249	492
Total Volume	4	328	0	332	0	0	0	0	0	491	88	579	98	827	70	995	1906
% App. Total	1.2	98.8	0		0	0	0		0	84.8	15.2		9.8	83.1	7		
PHF	.500	.921	.000	.912	.000	.000	.000	.000	.000	.944	.786	.916	.875	.966	.795	.972	.968



Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	09:00 AM				07:00 AM				08:15 AM				08:15 AM			
+0 mins.	1	84	0	85	0	0	0	0	0	114	21	135	17	214	21	252
+15 mins.	0	97	0	97	0	0	0	0	0	123	16	139	28	197	13	238
+30 mins.	1	88	0	89	0	0	0	0	0	124	23	147	28	214	14	256
+45 mins.	0	108	0	108	0	0	0	0	0	130	28	158	25	202	22	249
Total Volume	2	377	0	379	0	0	0	0	0	491	88	579	98	827	70	995
% App. Total	0.5	99.5	0		0	0	0		0	84.8	15.2		9.8	83.1	7	
PHF	.500	.873	.000	.877	.000	.000	.000	.000	.000	.944	.786	.916	.875	.966	.795	.972

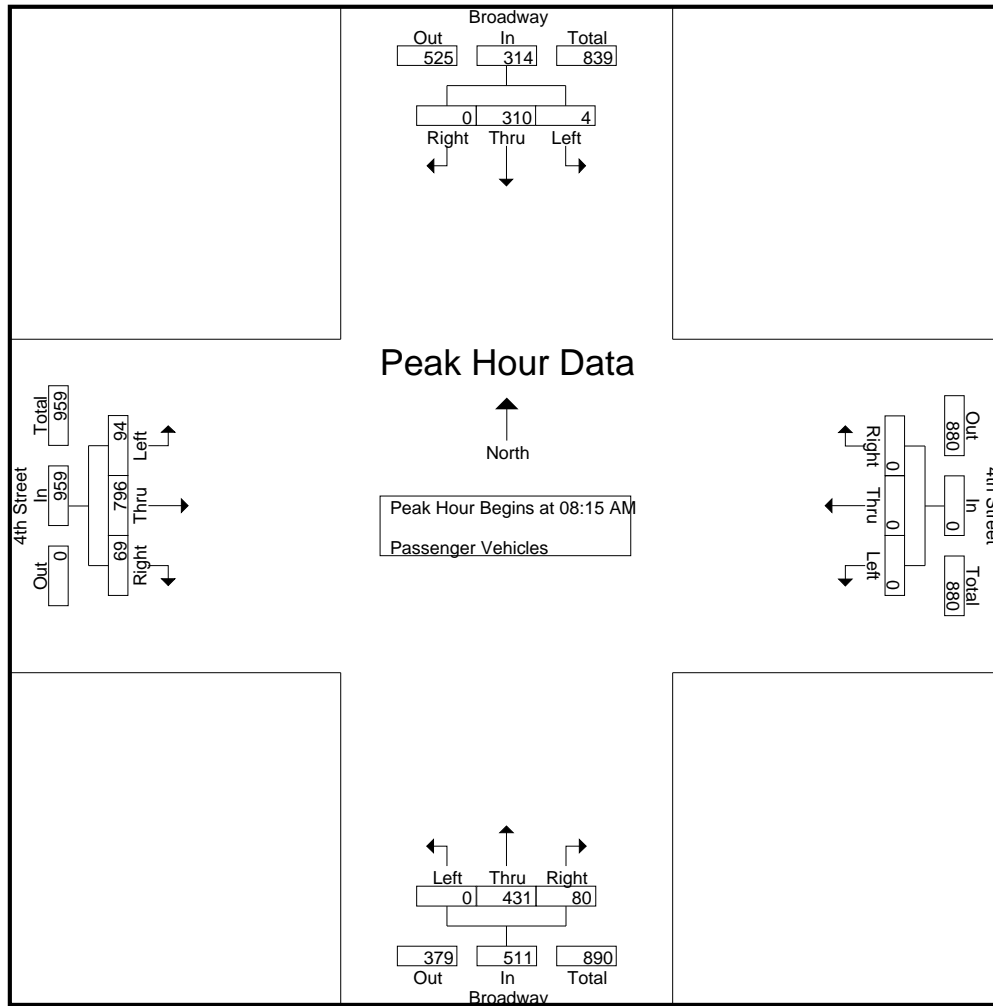
City of Los Angeles
 N/S: Broadway
 E/W: 4th Street
 Weather: Clear

File Name : LACBR4tAM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

Groups Printed- Passenger Vehicles

Start Time	Broadway Southbound				4th Street Westbound				Broadway Northbound				4th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	1	61	0	62	0	0	0	0	0	61	16	77	11	138	11	160	299
07:15 AM	0	62	0	62	0	0	0	0	0	92	19	111	11	147	11	169	342
07:30 AM	1	64	0	65	0	0	0	0	0	95	13	108	15	165	8	188	361
07:45 AM	0	49	0	49	0	0	0	0	0	118	25	143	19	211	12	242	434
Total	2	236	0	238	0	0	0	0	0	366	73	439	56	661	42	759	1436
08:00 AM	2	77	0	79	0	0	0	0	0	96	18	114	16	184	13	213	406
08:15 AM	0	77	0	77	0	0	0	0	0	98	19	117	17	207	20	244	438
08:30 AM	2	85	0	87	0	0	0	0	0	109	15	124	26	187	13	226	437
08:45 AM	1	70	0	71	0	0	0	0	0	109	22	131	28	206	14	248	450
Total	5	309	0	314	0	0	0	0	0	412	74	486	87	784	60	931	1731
09:00 AM	1	78	0	79	0	0	0	0	0	115	24	139	23	196	22	241	459
09:15 AM	0	92	0	92	0	0	0	0	0	87	16	103	19	171	18	208	403
09:30 AM	1	85	0	86	0	0	0	0	0	78	15	93	22	185	15	222	401
09:45 AM	0	102	0	102	0	0	0	0	0	79	30	109	23	144	23	190	401
Total	2	357	0	359	0	0	0	0	0	359	85	444	87	696	78	861	1664
Grand Total	9	902	0	911	0	0	0	0	0	1137	232	1369	230	2141	180	2551	4831
Apprch %	1	99	0		0	0	0		0	83.1	16.9		9	83.9	7.1		
Total %	0.2	18.7	0	18.9	0	0	0	0	0	23.5	4.8	28.3	4.8	44.3	3.7	52.8	

Start Time	Broadway Southbound				4th Street Westbound				Broadway Northbound				4th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 08:15 AM to 09:00 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:15 AM																	
08:15 AM	0	77	0	77	0	0	0	0	0	98	19	117	17	207	20	244	438
08:30 AM	2	85	0	87	0	0	0	0	0	109	15	124	26	187	13	226	437
08:45 AM	1	70	0	71	0	0	0	0	0	109	22	131	28	206	14	248	450
09:00 AM	1	78	0	79	0	0	0	0	0	115	24	139	23	196	22	241	459
Total Volume	4	310	0	314	0	0	0	0	0	431	80	511	94	796	69	959	1784
% App. Total	1.3	98.7	0		0	0	0		0	84.3	15.7		9.8	83	7.2		
PHF	.500	.912	.000	.902	.000	.000	.000	.000	.000	.937	.833	.919	.839	.961	.784	.967	.972



Peak Hour Analysis From 08:15 AM to 09:00 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	08:15 AM				08:15 AM				08:15 AM				08:15 AM			
+0 mins.	0	77	0	77	0	0	0	0	0	98	19	117	17	207	20	244
+15 mins.	2	85	0	87	0	0	0	0	0	109	15	124	26	187	13	226
+30 mins.	1	70	0	71	0	0	0	0	0	109	22	131	28	206	14	248
+45 mins.	1	78	0	79	0	0	0	0	0	115	24	139	23	196	22	241
Total Volume	4	310	0	314	0	0	0	0	0	431	80	511	94	796	69	959
% App. Total	1.3	98.7	0		0	0	0		0	84.3	15.7		9.8	83	7.2	
PHF	.500	.912	.000	.902	.000	.000	.000	.000	.000	.937	.833	.919	.839	.961	.784	.967

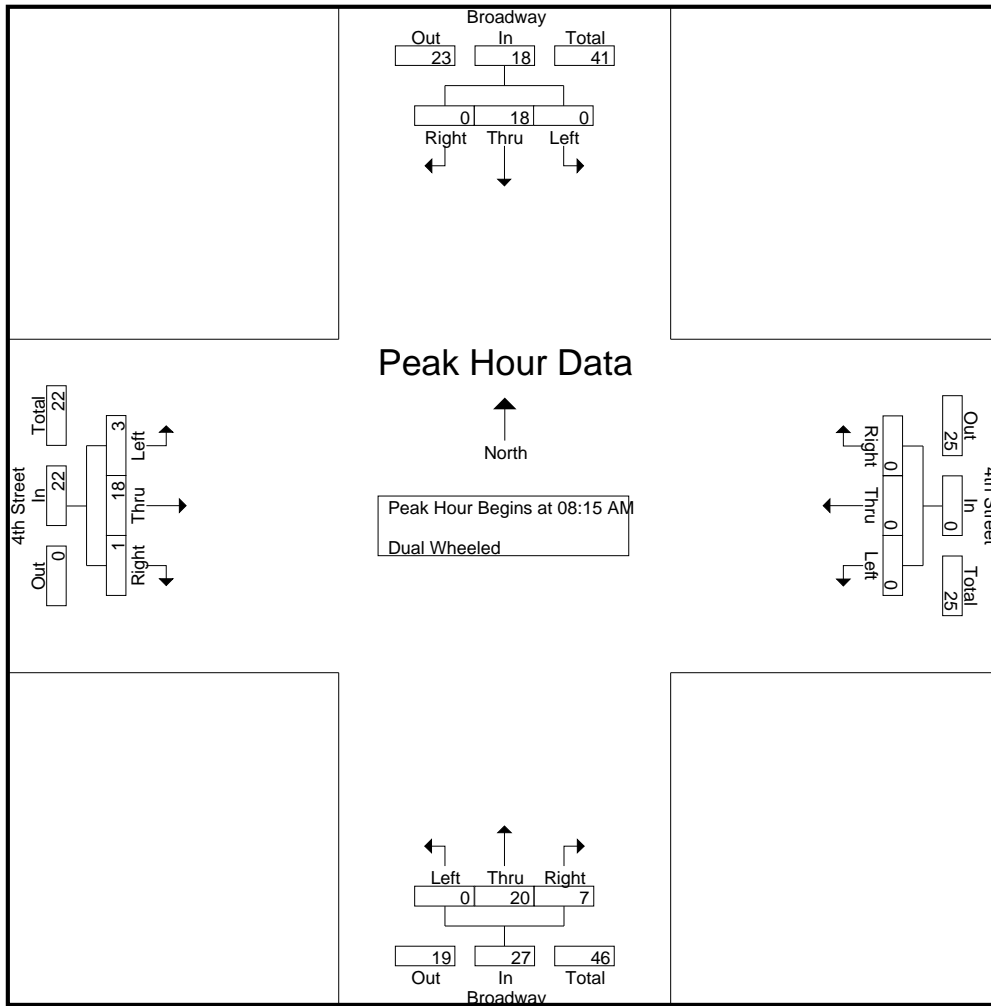
City of Los Angeles
 N/S: Broadway
 E/W: 4th Street
 Weather: Clear

File Name : LACBR4tAM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

Groups Printed- Dual Wheeled

Start Time	Broadway Southbound				4th Street Westbound				Broadway Northbound				4th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	0	7	0	7	0	0	0	0	0	7	1	8	0	1	0	1	16
07:15 AM	0	5	0	5	0	0	0	0	0	6	0	6	0	5	1	6	17
07:30 AM	0	8	0	8	0	0	0	0	0	11	0	11	1	5	1	7	26
07:45 AM	0	6	0	6	0	0	0	0	0	8	0	8	0	2	2	4	18
Total	0	26	0	26	0	0	0	0	0	32	1	33	1	13	4	18	77
08:00 AM	0	3	0	3	0	0	0	0	0	6	0	6	2	5	1	8	17
08:15 AM	0	5	0	5	0	0	0	0	0	3	1	4	0	3	1	4	13
08:30 AM	0	4	0	4	0	0	0	0	0	3	1	4	2	8	0	10	18
08:45 AM	0	3	0	3	0	0	0	0	0	7	1	8	0	3	0	3	14
Total	0	15	0	15	0	0	0	0	0	19	3	22	4	19	2	25	62
09:00 AM	0	6	0	6	0	0	0	0	0	7	4	11	1	4	0	5	22
09:15 AM	0	4	0	4	0	0	0	0	0	1	2	3	0	4	0	4	11
09:30 AM	0	3	0	3	0	0	0	0	0	3	4	7	1	5	1	7	17
09:45 AM	0	6	0	6	0	0	0	0	0	6	3	9	0	7	1	8	23
Total	0	19	0	19	0	0	0	0	0	17	13	30	2	20	2	24	73
Grand Total	0	60	0	60	0	0	0	0	0	68	17	85	7	52	8	67	212
Apprch %	0	100	0		0	0	0		0	80	20		10.4	77.6	11.9		
Total %	0	28.3	0	28.3	0	0	0	0	0	32.1	8	40.1	3.3	24.5	3.8	31.6	

Start Time	Broadway Southbound				4th Street Westbound				Broadway Northbound				4th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 08:15 AM to 09:00 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:15 AM																	
08:15 AM	0	5	0	5	0	0	0	0	0	3	1	4	0	3	1	4	13
08:30 AM	0	4	0	4	0	0	0	0	0	3	1	4	2	8	0	10	18
08:45 AM	0	3	0	3	0	0	0	0	0	7	1	8	0	3	0	3	14
09:00 AM	0	6	0	6	0	0	0	0	0	7	4	11	1	4	0	5	22
Total Volume	0	18	0	18	0	0	0	0	0	20	7	27	3	18	1	22	67
% App. Total	0	100	0		0	0	0		0	74.1	25.9		13.6	81.8	4.5		
PHF	.000	.750	.000	.750	.000	.000	.000	.000	.000	.714	.438	.614	.375	.563	.250	.550	.761



Peak Hour Analysis From 08:15 AM to 09:00 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	08:15 AM				08:15 AM				08:15 AM				08:15 AM			
+0 mins.	0	5	0	5	0	0	0	0	0	3	1	4	0	3	1	4
+15 mins.	0	4	0	4	0	0	0	0	0	3	1	4	2	8	0	10
+30 mins.	0	3	0	3	0	0	0	0	0	7	1	8	0	3	0	3
+45 mins.	0	6	0	6	0	0	0	0	0	7	4	11	1	4	0	5
Total Volume	0	18	0	18	0	0	0	0	0	20	7	27	3	18	1	22
% App. Total	0	100	0		0	0	0	0	0	74.1	25.9		13.6	81.8	4.5	
PHF	.000	.750	.000	.750	.000	.000	.000	.000	.000	.714	.438	.614	.375	.563	.250	.550

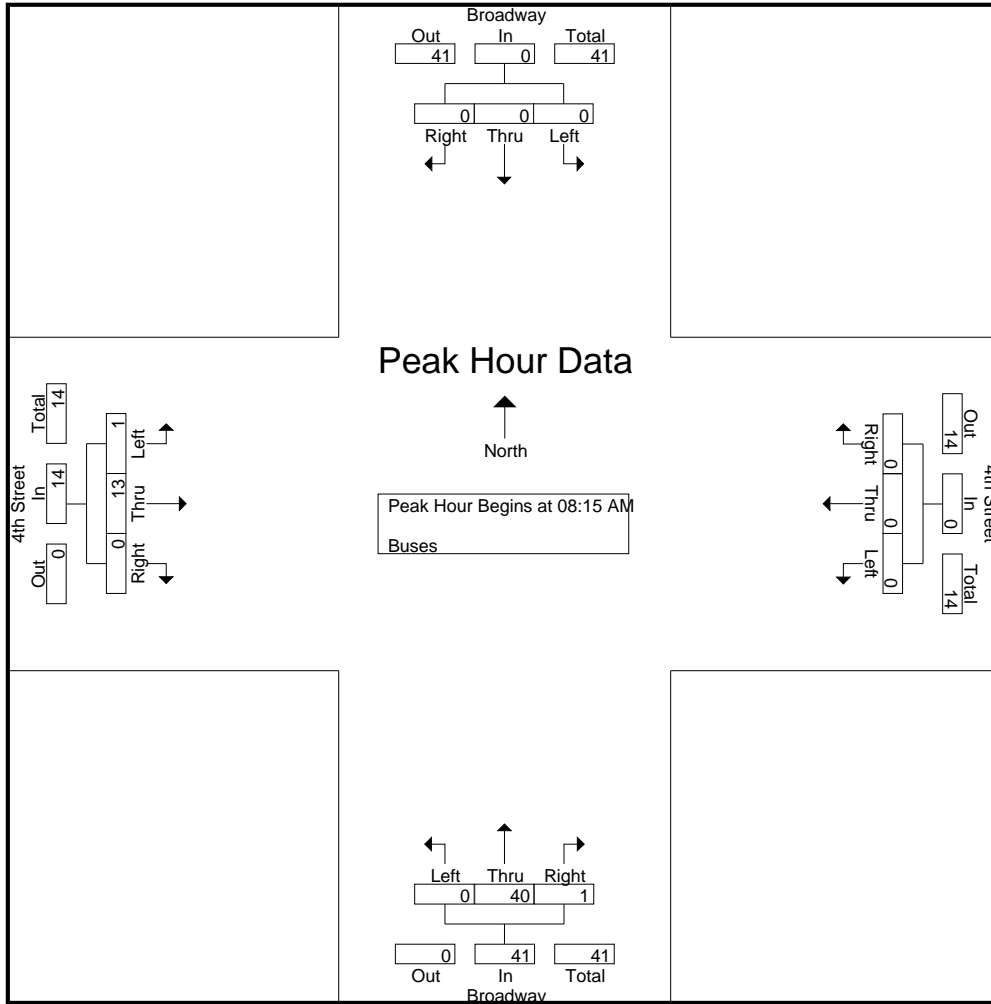
City of Los Angeles
 N/S: Broadway
 E/W: 4th Street
 Weather: Clear

File Name : LACBR4tAM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

Groups Printed- Buses

Start Time	Broadway Southbound				4th Street Westbound				Broadway Northbound				4th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	0	1	0	1	0	0	0	0	0	12	0	12	0	2	0	2	15
07:15 AM	0	0	0	0	0	0	0	0	0	14	0	14	0	2	0	2	16
07:30 AM	0	0	0	0	0	0	0	0	0	11	0	11	0	3	0	3	14
07:45 AM	0	0	0	0	0	0	0	0	0	9	0	9	0	3	0	3	12
Total	0	1	0	1	0	0	0	0	0	46	0	46	0	10	0	10	57
08:00 AM	0	0	0	0	0	0	0	0	0	10	0	10	0	6	0	6	16
08:15 AM	0	0	0	0	0	0	0	0	0	13	1	14	0	4	0	4	18
08:30 AM	0	0	0	0	0	0	0	0	0	11	0	11	0	2	0	2	13
08:45 AM	0	0	0	0	0	0	0	0	0	8	0	8	0	5	0	5	13
Total	0	0	0	0	0	0	0	0	0	42	1	43	0	17	0	17	60
09:00 AM	0	0	0	0	0	0	0	0	0	8	0	8	1	2	0	3	11
09:15 AM	0	1	0	1	0	0	0	0	0	9	0	9	0	2	0	2	12
09:30 AM	0	0	0	0	0	0	0	0	0	6	0	6	0	3	0	3	9
09:45 AM	0	0	0	0	0	0	0	0	0	5	0	5	0	2	0	2	7
Total	0	1	0	1	0	0	0	0	0	28	0	28	1	9	0	10	39
Grand Total	0	2	0	2	0	0	0	0	0	116	1	117	1	36	0	37	156
Apprch %	0	100	0		0	0	0		0	99.1	0.9		2.7	97.3	0		
Total %	0	1.3	0	1.3	0	0	0	0	0	74.4	0.6	75	0.6	23.1	0	23.7	

Start Time	Broadway Southbound				4th Street Westbound				Broadway Northbound				4th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 08:15 AM to 09:00 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:15 AM																	
08:15 AM	0	0	0	0	0	0	0	0	0	13	1	14	0	4	0	4	18
08:30 AM	0	0	0	0	0	0	0	0	0	11	0	11	0	2	0	2	13
08:45 AM	0	0	0	0	0	0	0	0	0	8	0	8	0	5	0	5	13
09:00 AM	0	0	0	0	0	0	0	0	0	8	0	8	1	2	0	3	11
Total Volume	0	0	0	0	0	0	0	0	0	40	1	41	1	13	0	14	55
% App. Total	0	0	0		0	0	0		0	97.6	2.4		7.1	92.9	0		
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.769	.250	.732	.250	.650	.000	.700	.764



Peak Hour Analysis From 08:15 AM to 09:00 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	08:15 AM				08:15 AM				08:15 AM				08:15 AM			
+0 mins.	0	0	0	0	0	0	0	0	0	13	1	14	0	4	0	4
+15 mins.	0	0	0	0	0	0	0	0	0	11	0	11	0	2	0	2
+30 mins.	0	0	0	0	0	0	0	0	0	8	0	8	0	5	0	5
+45 mins.	0	0	0	0	0	0	0	0	0	8	0	8	1	2	0	3
Total Volume	0	0	0	0	0	0	0	0	0	40	1	41	1	13	0	14
% App. Total	0	0	0	0	0	0	0	0	0	97.6	2.4		7.1	92.9	0	
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.769	.250	.732	.250	.650	.000	.700

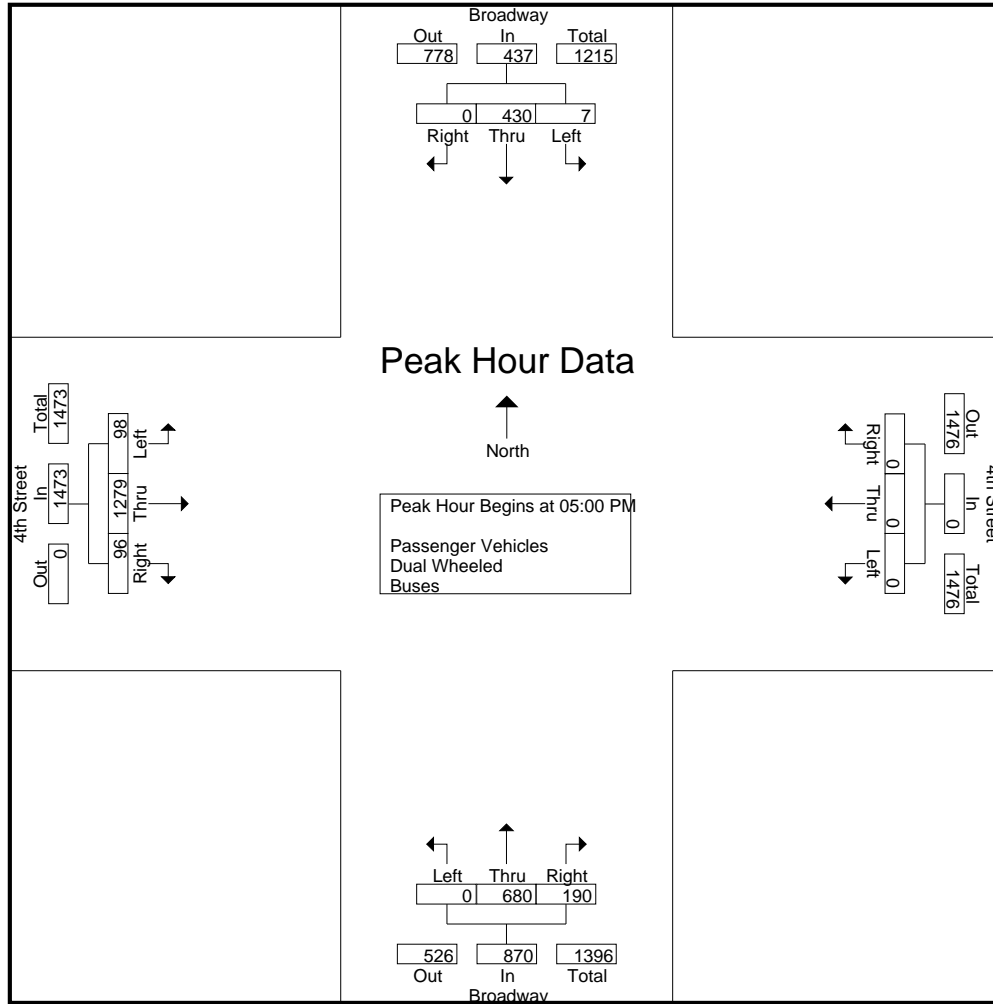
City of Los Angeles
 N/S: Broadway
 E/W: 4th Street
 Weather: Clear

File Name : LACBR4tPM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

Groups Printed- Passenger Vehicles - Dual Wheeled - Buses

Start Time	Broadway Southbound				4th Street Westbound				Broadway Northbound				4th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
03:00 PM	0	97	0	97	0	0	0	0	0	122	32	154	18	177	13	208	459
03:15 PM	1	88	0	89	0	0	0	0	0	129	30	159	17	207	13	237	485
03:30 PM	1	108	0	109	0	0	0	0	0	129	39	168	19	217	16	252	529
03:45 PM	2	105	0	107	0	0	0	0	0	127	33	160	24	269	18	311	578
Total	4	398	0	402	0	0	0	0	0	507	134	641	78	870	60	1008	2051
04:00 PM	2	111	0	113	0	0	0	0	0	132	26	158	18	270	20	308	579
04:15 PM	3	113	0	116	0	0	0	0	0	164	36	200	17	315	23	355	671
04:30 PM	1	121	0	122	0	0	0	0	0	161	42	203	15	264	22	301	626
04:45 PM	3	118	0	121	0	0	0	0	0	152	40	192	24	286	23	333	646
Total	9	463	0	472	0	0	0	0	0	609	144	753	74	1135	88	1297	2522
05:00 PM	2	124	0	126	0	0	0	0	0	158	50	208	23	308	22	353	687
05:15 PM	1	99	0	100	0	0	0	0	0	175	49	224	20	370	19	409	733
05:30 PM	1	101	0	102	0	0	0	0	0	181	46	227	19	307	33	359	688
05:45 PM	3	106	0	109	0	0	0	0	0	166	45	211	36	294	22	352	672
Total	7	430	0	437	0	0	0	0	0	680	190	870	98	1279	96	1473	2780
Grand Total	20	1291	0	1311	0	0	0	0	0	1796	468	2264	250	3284	244	3778	7353
Apprch %	1.5	98.5	0		0	0	0		0	79.3	20.7		6.6	86.9	6.5		
Total %	0.3	17.6	0	17.8	0	0	0	0	0	24.4	6.4	30.8	3.4	44.7	3.3	51.4	
Passenger Vehicles	20	1277	0	1297	0	0	0	0	0	1664	451	2115	246	3195	238	3679	7091
% Passenger Vehicles	100	98.9	0	98.9	0	0	0	0	0	92.7	96.4	93.4	98.4	97.3	97.5	97.4	96.4
Dual Wheeled	0	8	0	8	0	0	0	0	0	24	12	36	4	56	2	62	106
% Dual Wheeled	0	0.6	0	0.6	0	0	0	0	0	1.3	2.6	1.6	1.6	1.7	0.8	1.6	1.4
Buses	0	6	0	6	0	0	0	0	0	108	5	113	0	33	4	37	156
% Buses	0	0.5	0	0.5	0	0	0	0	0	6	1.1	5	0	1	1.6	1	2.1

Start Time	Broadway Southbound				4th Street Westbound				Broadway Northbound				4th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	2	124	0	126	0	0	0	0	0	158	50	208	23	308	22	353	687
05:15 PM	1	99	0	100	0	0	0	0	0	175	49	224	20	370	19	409	733
05:30 PM	1	101	0	102	0	0	0	0	0	181	46	227	19	307	33	359	688
05:45 PM	3	106	0	109	0	0	0	0	0	166	45	211	36	294	22	352	672
Total Volume	7	430	0	437	0	0	0	0	0	680	190	870	98	1279	96	1473	2780
% App. Total	1.6	98.4	0		0	0	0		0	78.2	21.8		6.7	86.8	6.5		
PHF	.583	.867	.000	.867	.000	.000	.000	.000	.000	.939	.950	.958	.681	.864	.727	.900	.948



Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	04:15 PM				03:00 PM				05:00 PM				05:00 PM			
+0 mins.	3	113	0	116	0	0	0	0	0	158	50	208	23	308	22	353
+15 mins.	1	121	0	122	0	0	0	0	0	175	49	224	20	370	19	409
+30 mins.	3	118	0	121	0	0	0	0	0	181	46	227	19	307	33	359
+45 mins.	2	124	0	126	0	0	0	0	0	166	45	211	36	294	22	352
Total Volume	9	476	0	485	0	0	0	0	0	680	190	870	98	1279	96	1473
% App. Total	1.9	98.1	0		0	0	0		0	78.2	21.8		6.7	86.8	6.5	
PHF	.750	.960	.000	.962	.000	.000	.000	.000	.000	.939	.950	.958	.681	.864	.727	.900

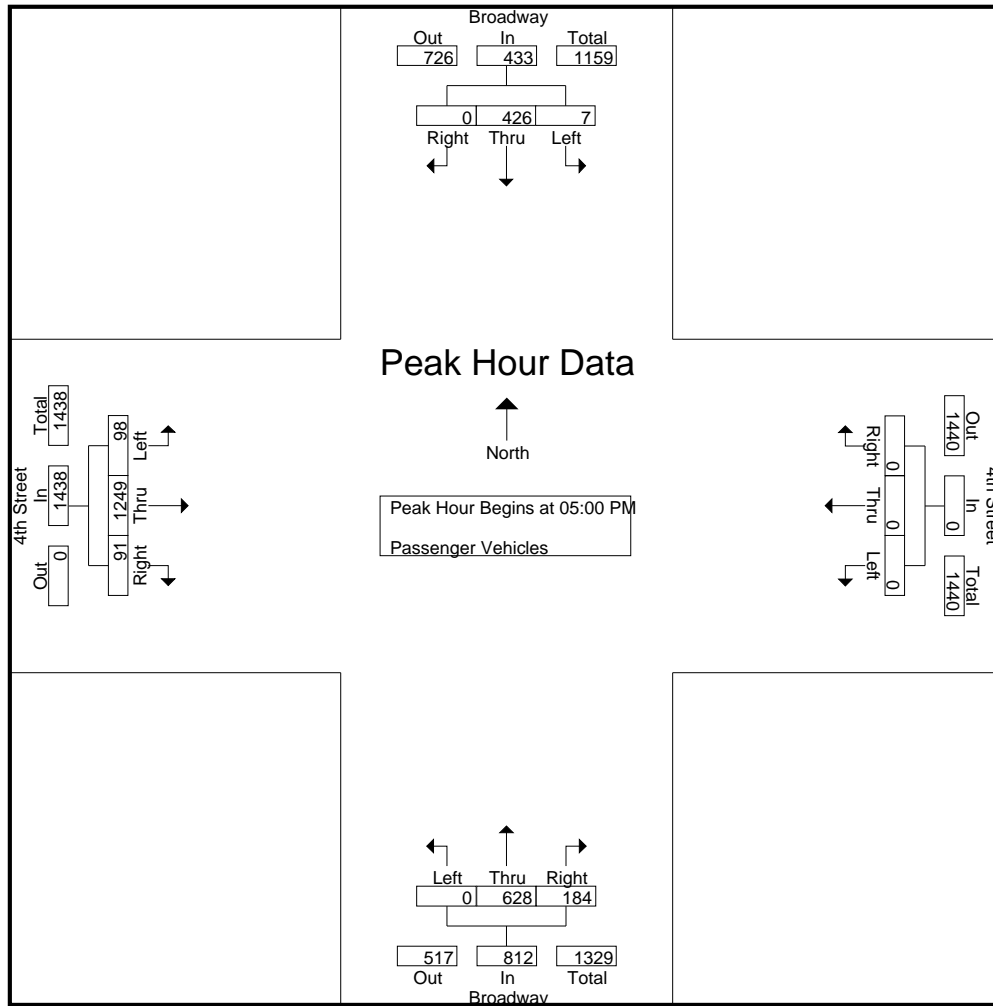
City of Los Angeles
 N/S: Broadway
 E/W: 4th Street
 Weather: Clear

File Name : LACBR4tPM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

Groups Printed- Passenger Vehicles

Start Time	Broadway Southbound				4th Street Westbound				Broadway Northbound				4th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
03:00 PM	0	96	0	96	0	0	0	0	0	115	30	145	18	173	13	204	445
03:15 PM	1	88	0	89	0	0	0	0	0	119	30	149	17	202	13	232	470
03:30 PM	1	106	0	107	0	0	0	0	0	119	37	156	16	206	15	237	500
03:45 PM	2	104	0	106	0	0	0	0	0	114	32	146	24	257	18	299	551
Total	4	394	0	398	0	0	0	0	0	467	129	596	75	838	59	972	1966
04:00 PM	2	108	0	110	0	0	0	0	0	124	26	150	17	259	20	296	556
04:15 PM	3	113	0	116	0	0	0	0	0	153	33	186	17	314	23	354	656
04:30 PM	1	121	0	122	0	0	0	0	0	151	40	191	15	258	22	295	608
04:45 PM	3	115	0	118	0	0	0	0	0	141	39	180	24	277	23	324	622
Total	9	457	0	466	0	0	0	0	0	569	138	707	73	1108	88	1269	2442
05:00 PM	2	122	0	124	0	0	0	0	0	141	48	189	23	300	21	344	657
05:15 PM	1	99	0	100	0	0	0	0	0	161	48	209	20	363	19	402	711
05:30 PM	1	99	0	100	0	0	0	0	0	169	44	213	19	303	31	353	666
05:45 PM	3	106	0	109	0	0	0	0	0	157	44	201	36	283	20	339	649
Total	7	426	0	433	0	0	0	0	0	628	184	812	98	1249	91	1438	2683
Grand Total	20	1277	0	1297	0	0	0	0	0	1664	451	2115	246	3195	238	3679	7091
Apprch %	1.5	98.5	0		0	0	0		0	78.7	21.3		6.7	86.8	6.5		
Total %	0.3	18	0	18.3	0	0	0	0	0	23.5	6.4	29.8	3.5	45.1	3.4	51.9	

Start Time	Broadway Southbound				4th Street Westbound				Broadway Northbound				4th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	2	122	0	124	0	0	0	0	0	141	48	189	23	300	21	344	657
05:15 PM	1	99	0	100	0	0	0	0	0	161	48	209	20	363	19	402	711
05:30 PM	1	99	0	100	0	0	0	0	0	169	44	213	19	303	31	353	666
05:45 PM	3	106	0	109	0	0	0	0	0	157	44	201	36	283	20	339	649
Total Volume	7	426	0	433	0	0	0	0	0	628	184	812	98	1249	91	1438	2683
% App. Total	1.6	98.4	0		0	0	0		0	77.3	22.7		6.8	86.9	6.3		
PHF	.583	.873	.000	.873	.000	.000	.000	.000	.000	.929	.958	.953	.681	.860	.734	.894	.943



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

	05:00 PM				05:00 PM				05:00 PM				05:00 PM			
+0 mins.	2	122	0	124	0	0	0	0	0	141	48	189	23	300	21	344
+15 mins.	1	99	0	100	0	0	0	0	0	161	48	209	20	363	19	402
+30 mins.	1	99	0	100	0	0	0	0	0	169	44	213	19	303	31	353
+45 mins.	3	106	0	109	0	0	0	0	0	157	44	201	36	283	20	339
Total Volume	7	426	0	433	0	0	0	0	0	628	184	812	98	1249	91	1438
% App. Total	1.6	98.4	0		0	0	0		0	77.3	22.7		6.8	86.9	6.3	
PHF	.583	.873	.000	.873	.000	.000	.000	.000	.000	.929	.958	.953	.681	.860	.734	.894

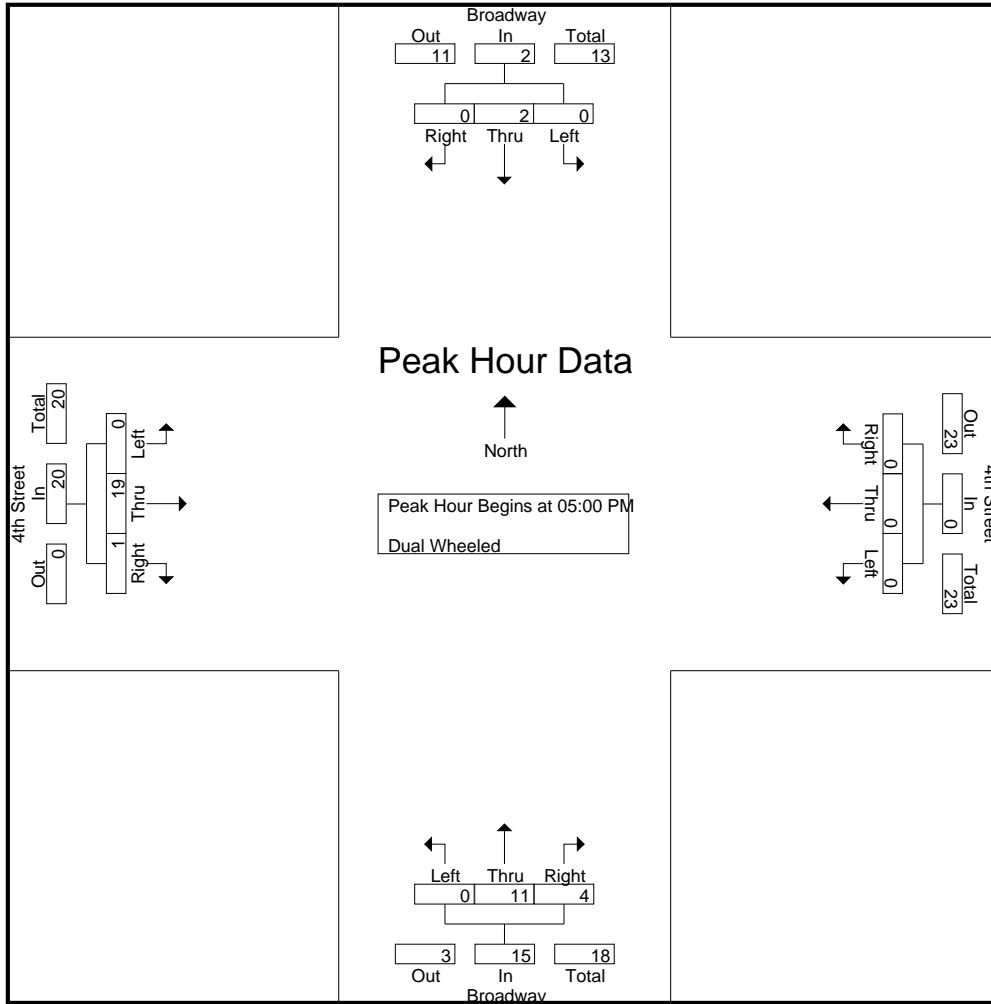
City of Los Angeles
 N/S: Broadway
 E/W: 4th Street
 Weather: Clear

File Name : LACBR4tPM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

Groups Printed- Dual Wheeled

Start Time	Broadway Southbound				4th Street Westbound				Broadway Northbound				4th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
03:00 PM	0	1	0	1	0	0	0	0	0	0	2	2	0	2	0	2	5
03:15 PM	0	0	0	0	0	0	0	0	0	2	0	2	0	2	0	2	4
03:30 PM	0	1	0	1	0	0	0	0	0	3	2	5	3	8	1	12	18
03:45 PM	0	1	0	1	0	0	0	0	0	1	1	2	0	10	0	10	13
Total	0	3	0	3	0	0	0	0	0	6	5	11	3	22	1	26	40
04:00 PM	0	1	0	1	0	0	0	0	0	1	0	1	1	6	0	7	9
04:15 PM	0	0	0	0	0	0	0	0	0	2	2	4	0	0	0	0	4
04:30 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	3	0	3	4
04:45 PM	0	2	0	2	0	0	0	0	0	3	1	4	0	6	0	6	12
Total	0	3	0	3	0	0	0	0	0	7	3	10	1	15	0	16	29
05:00 PM	0	1	0	1	0	0	0	0	0	3	1	4	0	7	0	7	12
05:15 PM	0	0	0	0	0	0	0	0	0	4	1	5	0	3	0	3	8
05:30 PM	0	1	0	1	0	0	0	0	0	3	1	4	0	3	1	4	9
05:45 PM	0	0	0	0	0	0	0	0	0	1	1	2	0	6	0	6	8
Total	0	2	0	2	0	0	0	0	0	11	4	15	0	19	1	20	37
Grand Total	0	8	0	8	0	0	0	0	0	24	12	36	4	56	2	62	106
Apprch %	0	100	0		0	0	0		0	66.7	33.3		6.5	90.3	3.2		
Total %	0	7.5	0	7.5	0	0	0	0	0	22.6	11.3	34	3.8	52.8	1.9	58.5	

Start Time	Broadway Southbound				4th Street Westbound				Broadway Northbound				4th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	1	0	1	0	0	0	0	0	3	1	4	0	7	0	7	12
05:15 PM	0	0	0	0	0	0	0	0	0	4	1	5	0	3	0	3	8
05:30 PM	0	1	0	1	0	0	0	0	0	3	1	4	0	3	1	4	9
05:45 PM	0	0	0	0	0	0	0	0	0	1	1	2	0	6	0	6	8
Total Volume	0	2	0	2	0	0	0	0	0	11	4	15	0	19	1	20	37
% App. Total	0	100	0		0	0	0		0	73.3	26.7		0	95	5		
PHF	.000	.500	.000	.500	.000	.000	.000	.000	.000	.688	1.00	.750	.000	.679	.250	.714	.771



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

	05:00 PM				05:00 PM				05:00 PM				05:00 PM			
+0 mins.	0	1	0	1	0	0	0	0	0	3	1	4	0	7	0	7
+15 mins.	0	0	0	0	0	0	0	0	0	4	1	5	0	3	0	3
+30 mins.	0	1	0	1	0	0	0	0	0	3	1	4	0	3	1	4
+45 mins.	0	0	0	0	0	0	0	0	0	1	1	2	0	6	0	6
Total Volume	0	2	0	2	0	0	0	0	0	11	4	15	0	19	1	20
% App. Total	0	100	0	0	0	0	0	0	0	73.3	26.7	0	0	95	5	0
PHF	.000	.500	.000	.500	.000	.000	.000	.000	.000	.688	1.000	.750	.000	.679	.250	.714

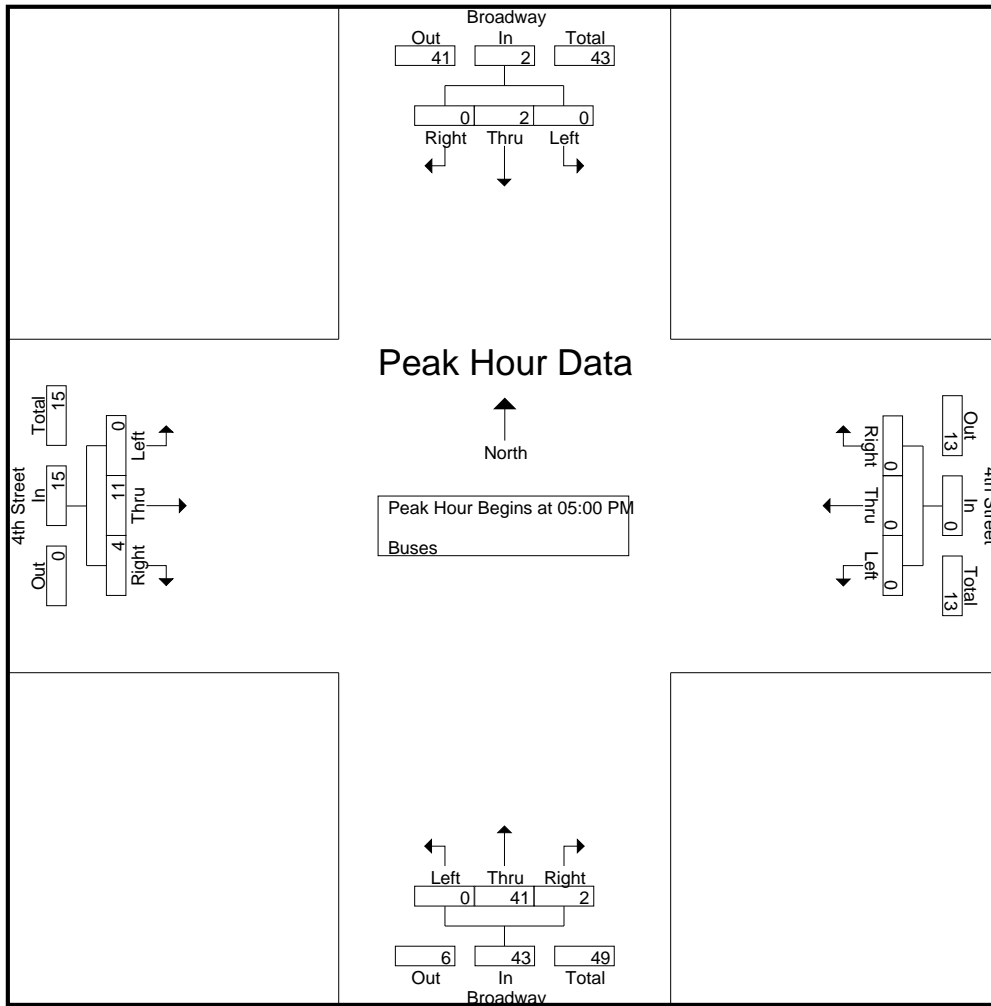
City of Los Angeles
 N/S: Broadway
 E/W: 4th Street
 Weather: Clear

File Name : LACBR4tPM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

Groups Printed- Buses

Start Time	Broadway Southbound				4th Street Westbound				Broadway Northbound				4th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
03:00 PM	0	0	0	0	0	0	0	0	0	7	0	7	0	2	0	2	9
03:15 PM	0	0	0	0	0	0	0	0	0	8	0	8	0	3	0	3	11
03:30 PM	0	1	0	1	0	0	0	0	0	7	0	7	0	3	0	3	11
03:45 PM	0	0	0	0	0	0	0	0	0	12	0	12	0	2	0	2	14
Total	0	1	0	1	0	0	0	0	0	34	0	34	0	10	0	10	45
04:00 PM	0	2	0	2	0	0	0	0	0	7	0	7	0	5	0	5	14
04:15 PM	0	0	0	0	0	0	0	0	0	9	1	10	0	1	0	1	11
04:30 PM	0	0	0	0	0	0	0	0	0	9	2	11	0	3	0	3	14
04:45 PM	0	1	0	1	0	0	0	0	0	8	0	8	0	3	0	3	12
Total	0	3	0	3	0	0	0	0	0	33	3	36	0	12	0	12	51
05:00 PM	0	1	0	1	0	0	0	0	0	14	1	15	0	1	1	2	18
05:15 PM	0	0	0	0	0	0	0	0	0	10	0	10	0	4	0	4	14
05:30 PM	0	1	0	1	0	0	0	0	0	9	1	10	0	1	1	2	13
05:45 PM	0	0	0	0	0	0	0	0	0	8	0	8	0	5	2	7	15
Total	0	2	0	2	0	0	0	0	0	41	2	43	0	11	4	15	60
Grand Total	0	6	0	6	0	0	0	0	0	108	5	113	0	33	4	37	156
Apprch %	0	100	0		0	0	0		0	95.6	4.4		0	89.2	10.8		
Total %	0	3.8	0	3.8	0	0	0	0	0	69.2	3.2	72.4	0	21.2	2.6	23.7	

Start Time	Broadway Southbound				4th Street Westbound				Broadway Northbound				4th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	1	0	1	0	0	0	0	0	14	1	15	0	1	1	2	18
05:15 PM	0	0	0	0	0	0	0	0	0	10	0	10	0	4	0	4	14
05:30 PM	0	1	0	1	0	0	0	0	0	9	1	10	0	1	1	2	13
05:45 PM	0	0	0	0	0	0	0	0	0	8	0	8	0	5	2	7	15
Total Volume	0	2	0	2	0	0	0	0	0	41	2	43	0	11	4	15	60
% App. Total	0	100	0		0	0	0		0	95.3	4.7		0	73.3	26.7		
PHF	.000	.500	.000	.500	.000	.000	.000	.000	.000	.732	.500	.717	.000	.550	.500	.536	.833

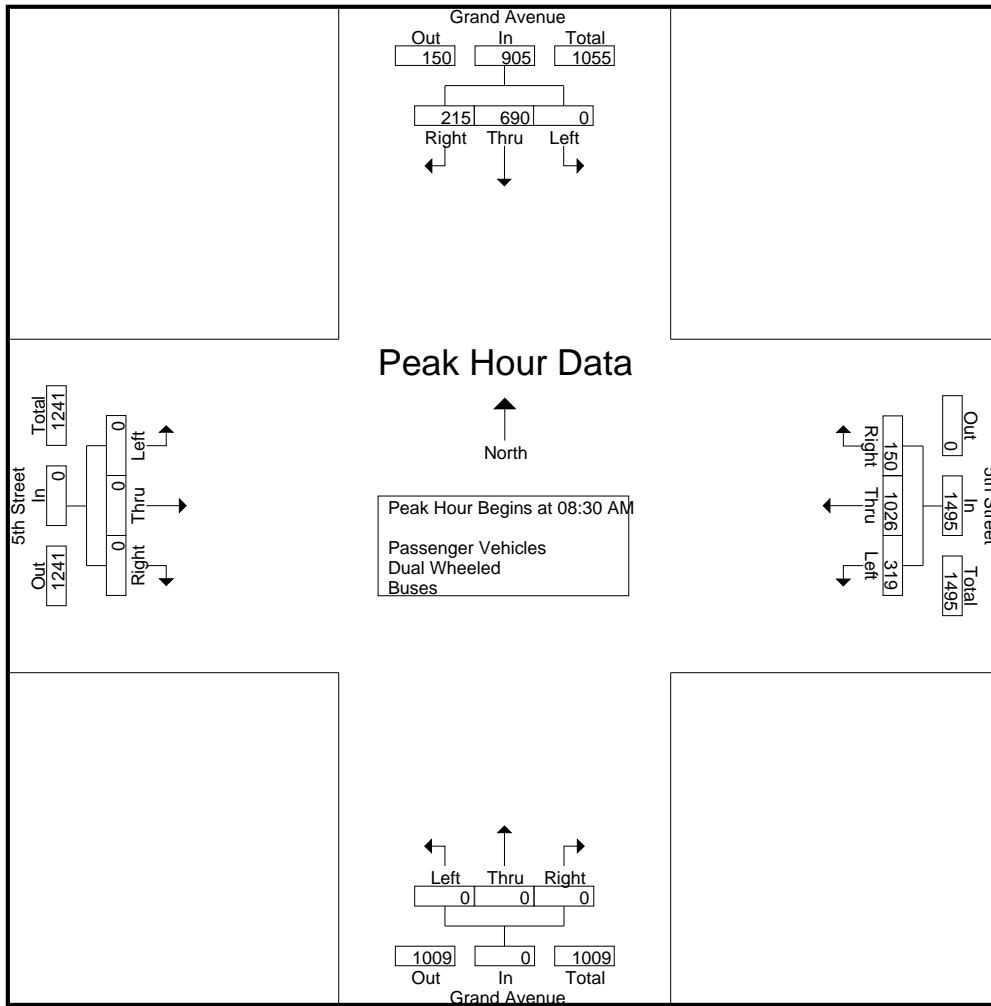


Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	05:00 PM				05:00 PM				05:00 PM				05:00 PM			
+0 mins.	0	1	0	1	0	0	0	0	0	14	1	15	0	1	1	2
+15 mins.	0	0	0	0	0	0	0	0	0	10	0	10	0	4	0	4
+30 mins.	0	1	0	1	0	0	0	0	0	9	1	10	0	1	1	2
+45 mins.	0	0	0	0	0	0	0	0	0	8	0	8	0	5	2	7
Total Volume	0	2	0	2	0	0	0	0	0	41	2	43	0	11	4	15
% App. Total	0	100	0	0	0	0	0	0	0	95.3	4.7	0	0	73.3	26.7	0
PHF	.000	.500	.000	.500	.000	.000	.000	.000	.000	.732	.500	.717	.000	.550	.500	.536

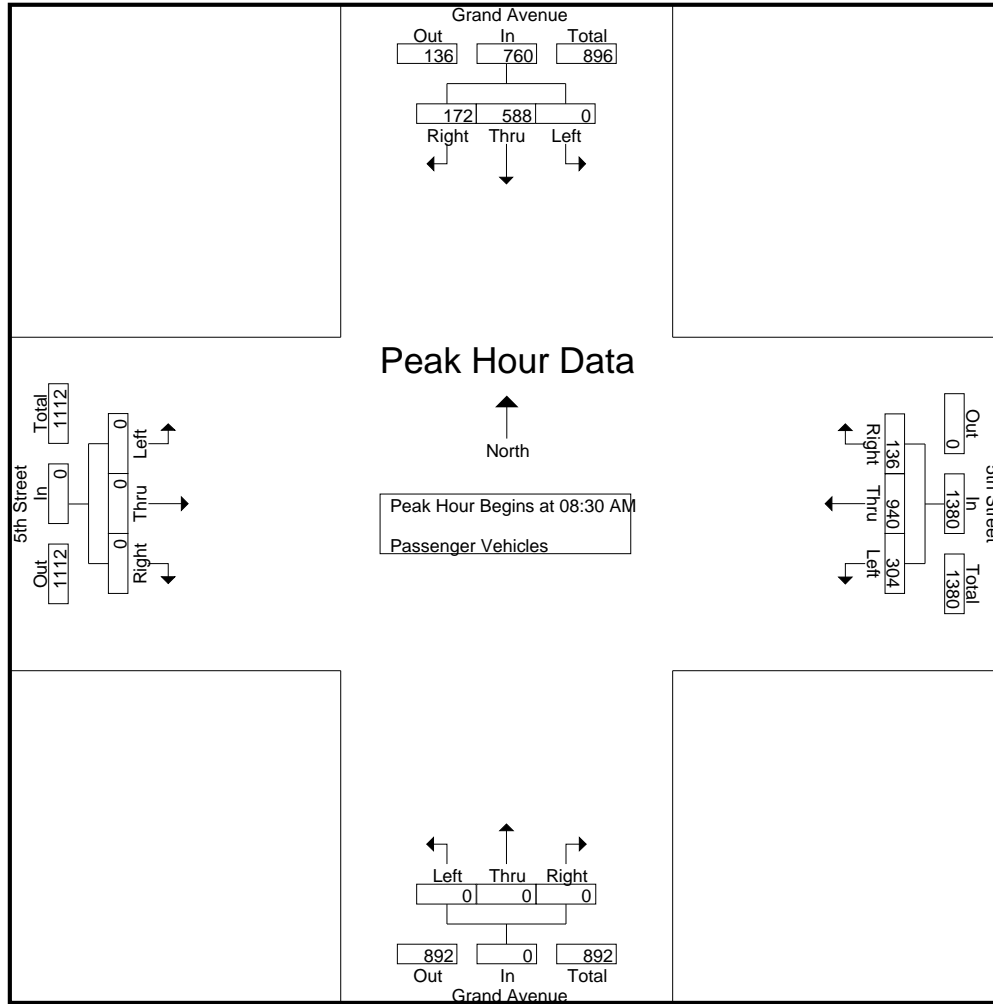
City of Los Angeles
 N/S: Grand Avenue
 E/W: 5th Street
 Weather: Clear

File Name : LACGR5tAM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 2



Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	08:30 AM				07:15 AM				07:00 AM				07:00 AM			
+0 mins.	0	176	49	225	73	278	38	389	0	0	0	0	0	0	0	0
+15 mins.	0	170	52	222	78	287	41	406	0	0	0	0	0	0	0	0
+30 mins.	0	181	62	243	72	305	53	430	0	0	0	0	0	0	0	0
+45 mins.	0	163	52	215	75	278	22	375	0	0	0	0	0	0	0	0
Total Volume	0	690	215	905	298	1148	154	1600	0	0	0	0	0	0	0	0
% App. Total	0	76.2	23.8		18.6	71.8	9.6		0	0	0	0	0	0	0	0
PHF	.000	.953	.867	.931	.955	.941	.726	.930	.000	.000	.000	.000	.000	.000	.000	.000

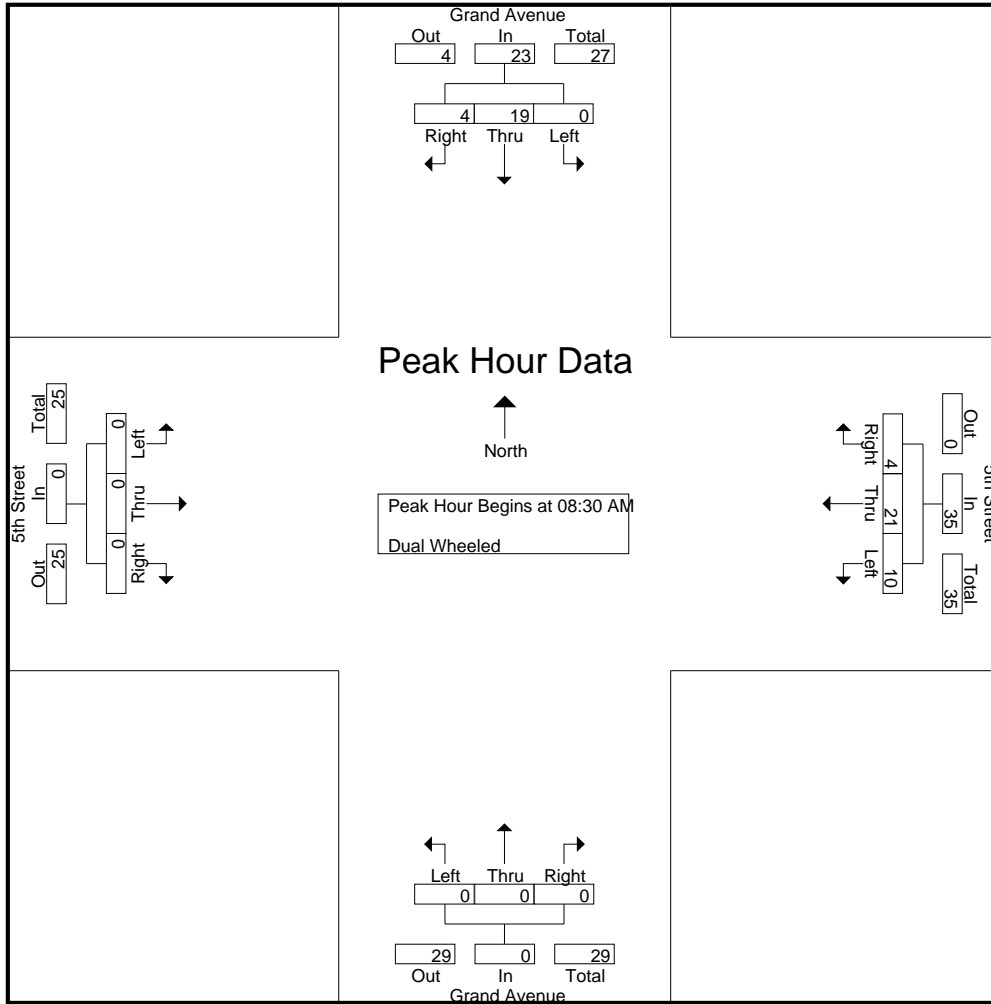


Peak Hour Analysis From 08:30 AM to 09:15 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	08:30 AM				08:30 AM				08:30 AM				08:30 AM			
+0 mins.	0	145	34	179	69	252	37	358	0	0	0	0	0	0	0	0
+15 mins.	0	144	42	186	77	232	36	345	0	0	0	0	0	0	0	0
+30 mins.	0	163	55	218	70	241	38	349	0	0	0	0	0	0	0	0
+45 mins.	0	136	41	177	88	215	25	328	0	0	0	0	0	0	0	0
Total Volume	0	588	172	760	304	940	136	1380	0	0	0	0	0	0	0	0
% App. Total	0	77.4	22.6		22	68.1	9.9		0	0	0	0	0	0	0	0
PHF	.000	.902	.782	.872	.864	.933	.895	.964	.000	.000	.000	.000	.000	.000	.000	.000

City of Los Angeles
 N/S: Grand Avenue
 E/W: 5th Street
 Weather: Clear

File Name : LACGR5tAM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 2

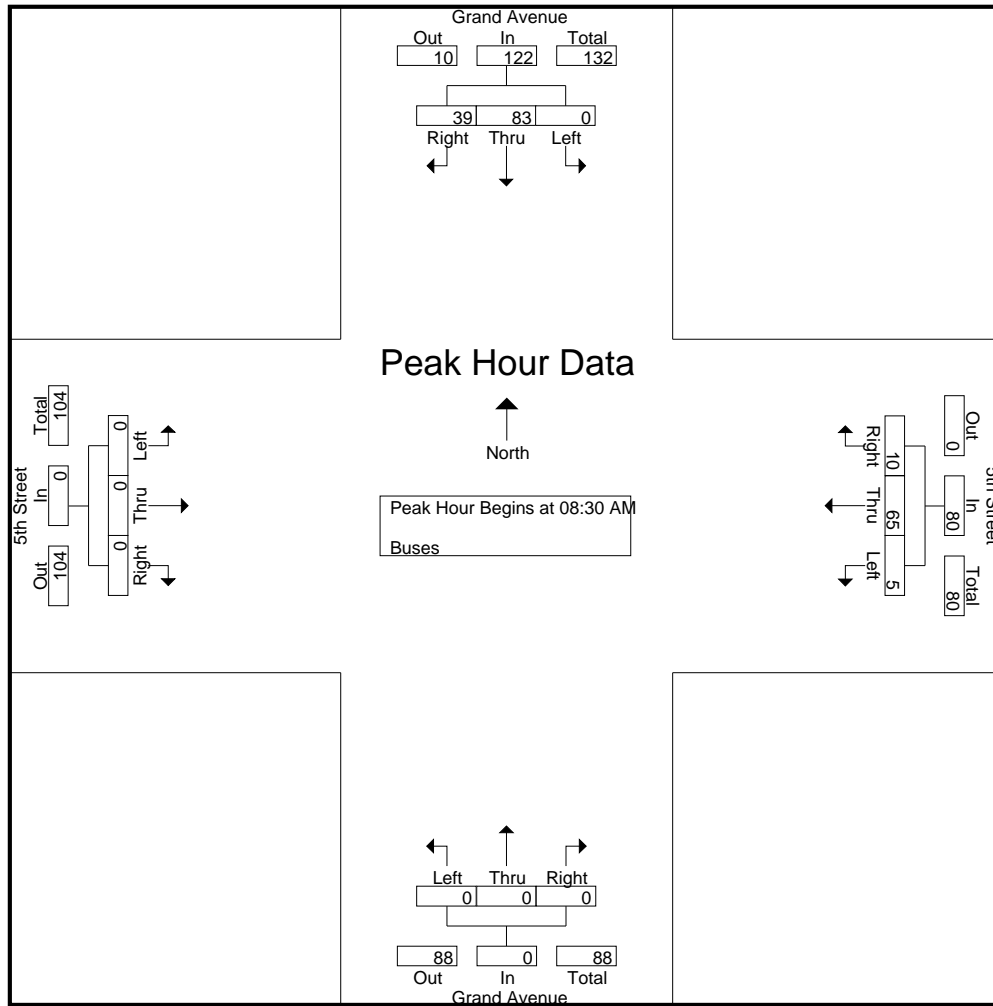


Peak Hour Analysis From 08:30 AM to 09:15 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	08:30 AM				08:30 AM				08:30 AM				08:30 AM			
+0 mins.	0	3	2	5	3	5	1	9	0	0	0	0	0	0	0	0
+15 mins.	0	6	0	6	2	7	0	9	0	0	0	0	0	0	0	0
+30 mins.	0	4	0	4	3	3	1	7	0	0	0	0	0	0	0	0
+45 mins.	0	6	2	8	2	6	2	10	0	0	0	0	0	0	0	0
Total Volume	0	19	4	23	10	21	4	35	0	0	0	0	0	0	0	0
% App. Total	0	82.6	17.4		28.6	60	11.4		0	0	0	0	0	0	0	0
PHF	.000	.792	.500	.719	.833	.750	.500	.875	.000	.000	.000	.000	.000	.000	.000	.000

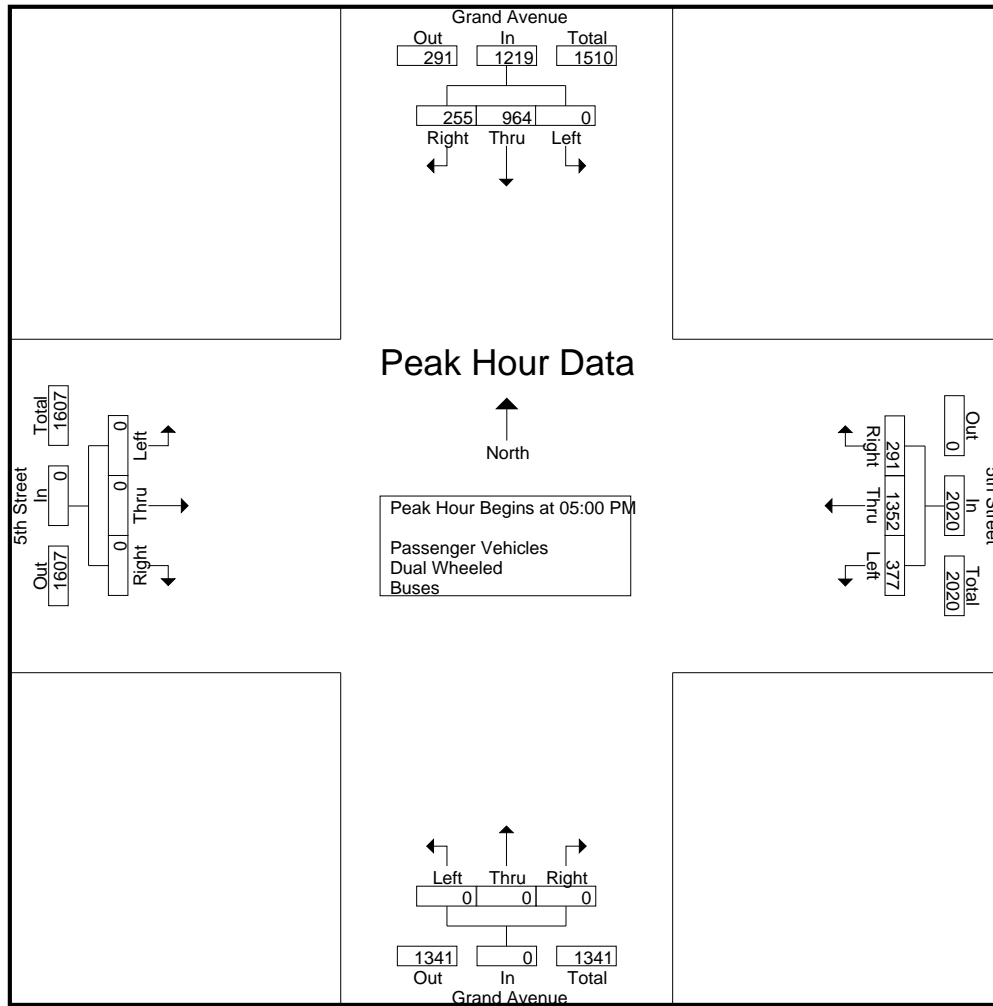
City of Los Angeles
 N/S: Grand Avenue
 E/W: 5th Street
 Weather: Clear

File Name : LACGR5tAM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 2



Peak Hour Analysis From 08:30 AM to 09:15 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	08:30 AM				08:30 AM				08:30 AM				08:30 AM			
+0 mins.	0	28	13	41	1	18	2	21	0	0	0	0	0	0	0	0
+15 mins.	0	20	10	30	2	16	2	20	0	0	0	0	0	0	0	0
+30 mins.	0	14	7	21	1	18	2	21	0	0	0	0	0	0	0	0
+45 mins.	0	21	9	30	1	13	4	18	0	0	0	0	0	0	0	0
Total Volume	0	83	39	122	5	65	10	80	0	0	0	0	0	0	0	0
% App. Total	0	68	32		6.2	81.2	12.5		0	0	0	0	0	0	0	0
PHF	.000	.741	.750	.744	.625	.903	.625	.952	.000	.000	.000	.000	.000	.000	.000	.000

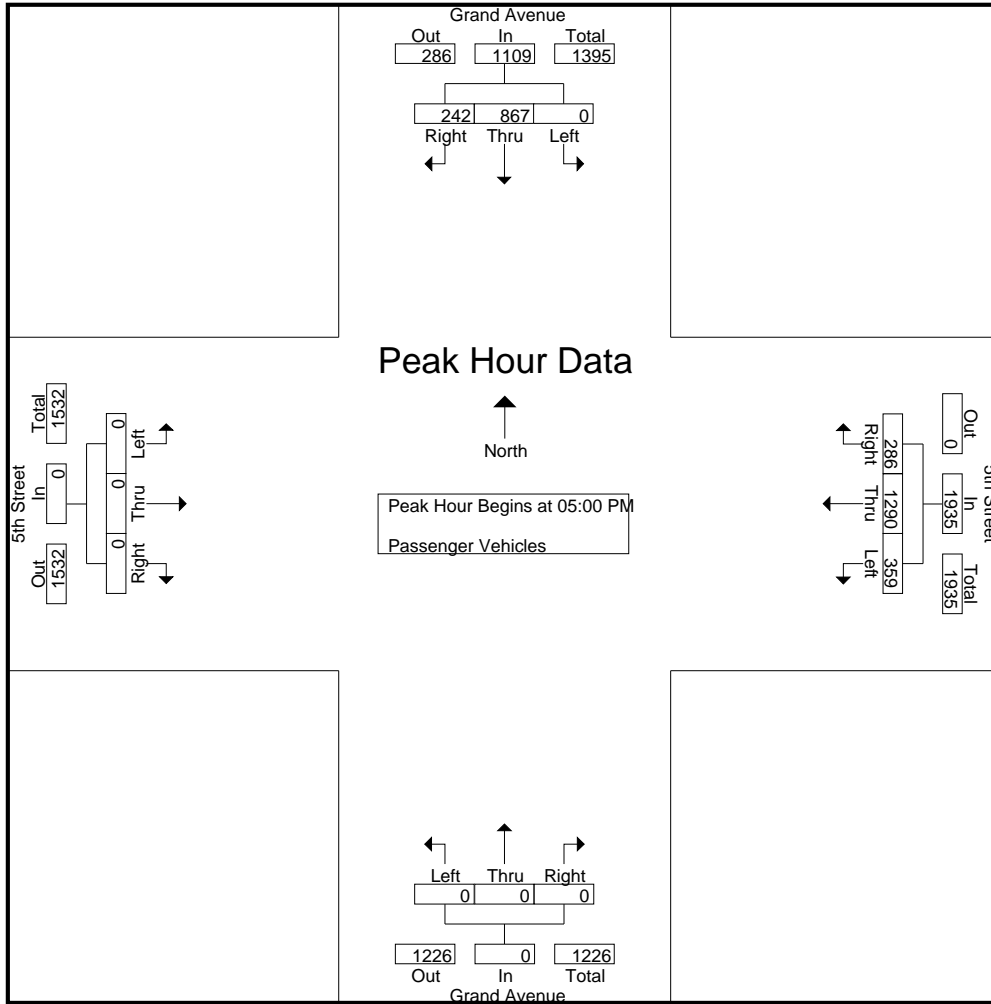


Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	04:45 PM				05:00 PM				03:00 PM				03:00 PM			
+0 mins.	0	224	79	303	103	337	62	502	0	0	0	0	0	0	0	0
+15 mins.	0	253	66	319	93	329	64	486	0	0	0	0	0	0	0	0
+30 mins.	0	235	67	302	90	321	76	487	0	0	0	0	0	0	0	0
+45 mins.	0	251	70	321	91	365	89	545	0	0	0	0	0	0	0	0
Total Volume	0	963	282	1245	377	1352	291	2020	0	0	0	0	0	0	0	0
% App. Total	0	77.3	22.7		18.7	66.9	14.4		0	0	0	0	0	0	0	0
PHF	.000	.952	.892	.970	.915	.926	.817	.927	.000	.000	.000	.000	.000	.000	.000	.000

City of Los Angeles
 N/S: Grand Avenue
 E/W: 5th Street
 Weather: Clear

File Name : LACGR5tPM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 2

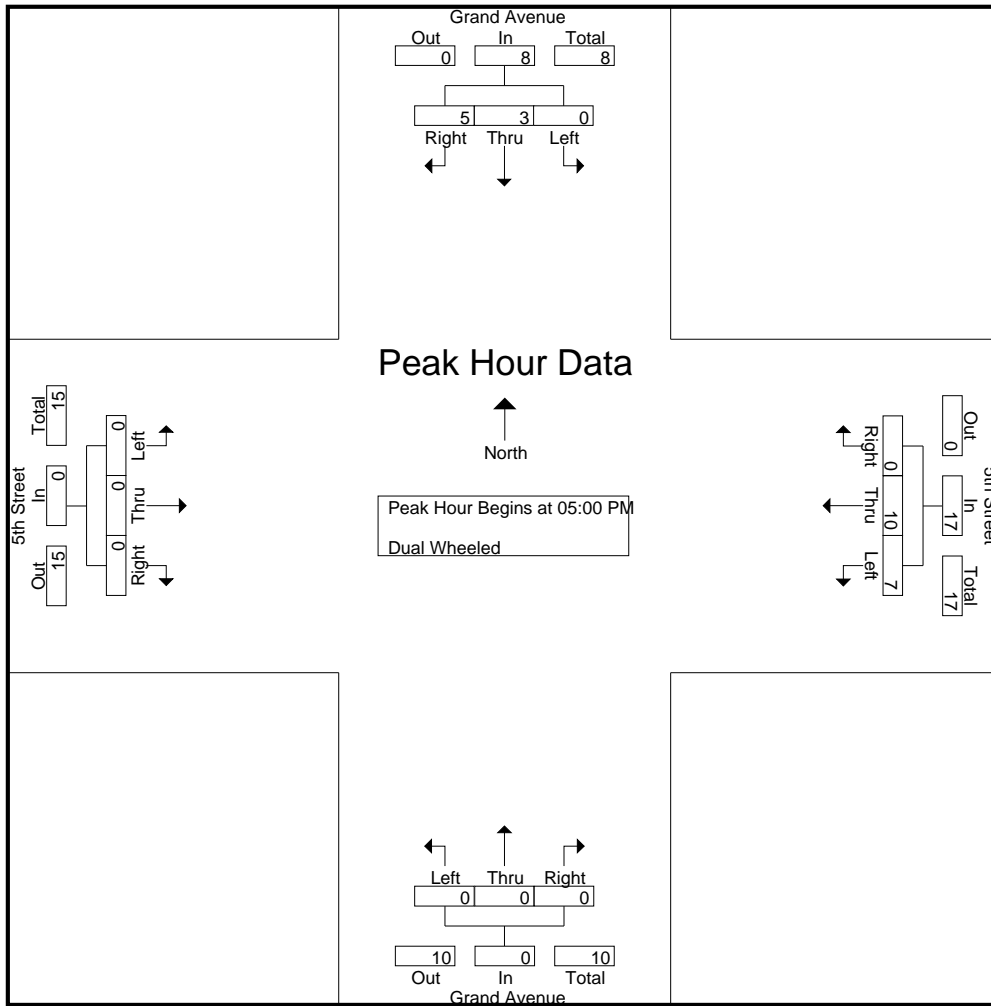


Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	05:00 PM				05:00 PM				05:00 PM				05:00 PM			
+0 mins.	0	227	64	291	98	317	61	476	0	0	0	0	0	0	0	0
+15 mins.	0	207	62	269	88	314	63	465	0	0	0	0	0	0	0	0
+30 mins.	0	231	66	297	86	308	74	468	0	0	0	0	0	0	0	0
+45 mins.	0	202	50	252	87	351	88	526	0	0	0	0	0	0	0	0
Total Volume	0	867	242	1109	359	1290	286	1935	0	0	0	0	0	0	0	0
% App. Total	0	78.2	21.8		18.6	66.7	14.8		0	0	0	0	0	0	0	0
PHF	.000	.938	.917	.934	.916	.919	.813	.920	.000	.000	.000	.000	.000	.000	.000	.000

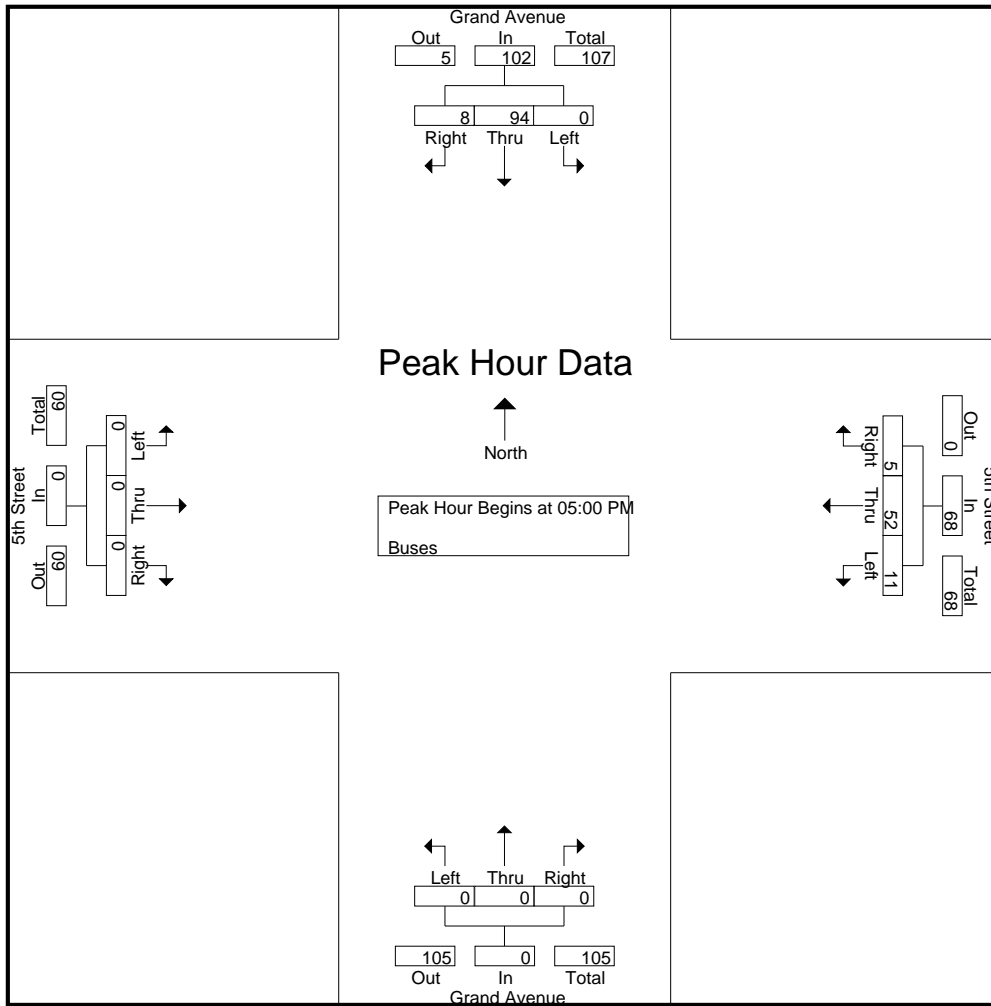
City of Los Angeles
 N/S: Grand Avenue
 E/W: 5th Street
 Weather: Clear

File Name : LACGR5tPM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 2



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

	05:00 PM				05:00 PM				05:00 PM				05:00 PM			
+0 mins.	0	0	1	1	2	3	0	5	0	0	0	0	0	0	0	0
+15 mins.	0	3	1	4	4	2	0	6	0	0	0	0	0	0	0	0
+30 mins.	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	1	5	0	6	0	0	0	0	0	0	0	0
Total Volume	0	3	5	8	7	10	0	17	0	0	0	0	0	0	0	0
% App. Total	0	37.5	62.5		41.2	58.8	0		0	0	0		0	0	0	
PHF	.000	.250	.417	.500	.438	.500	.000	.708	.000	.000	.000	.000	.000	.000	.000	.000



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

	05:00 PM				05:00 PM				05:00 PM				05:00 PM			
+0 mins.	0	26	1	27	3	17	1	21	0	0	0	0	0	0	0	0
+15 mins.	0	25	4	29	1	13	1	15	0	0	0	0	0	0	0	0
+30 mins.	0	20	1	21	4	13	2	19	0	0	0	0	0	0	0	0
+45 mins.	0	23	2	25	3	9	1	13	0	0	0	0	0	0	0	0
Total Volume	0	94	8	102	11	52	5	68	0	0	0	0	0	0	0	0
% App. Total	0	92.2	7.8		16.2	76.5	7.4		0	0	0		0	0	0	
PHF	.000	.904	.500	.879	.688	.765	.625	.810	.000	.000	.000	.000	.000	.000	.000	.000

City of Los Angeles
 N/S: Olive Street
 E/W: 5th Street
 Weather: Clear

File Name : LACOL5tAM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

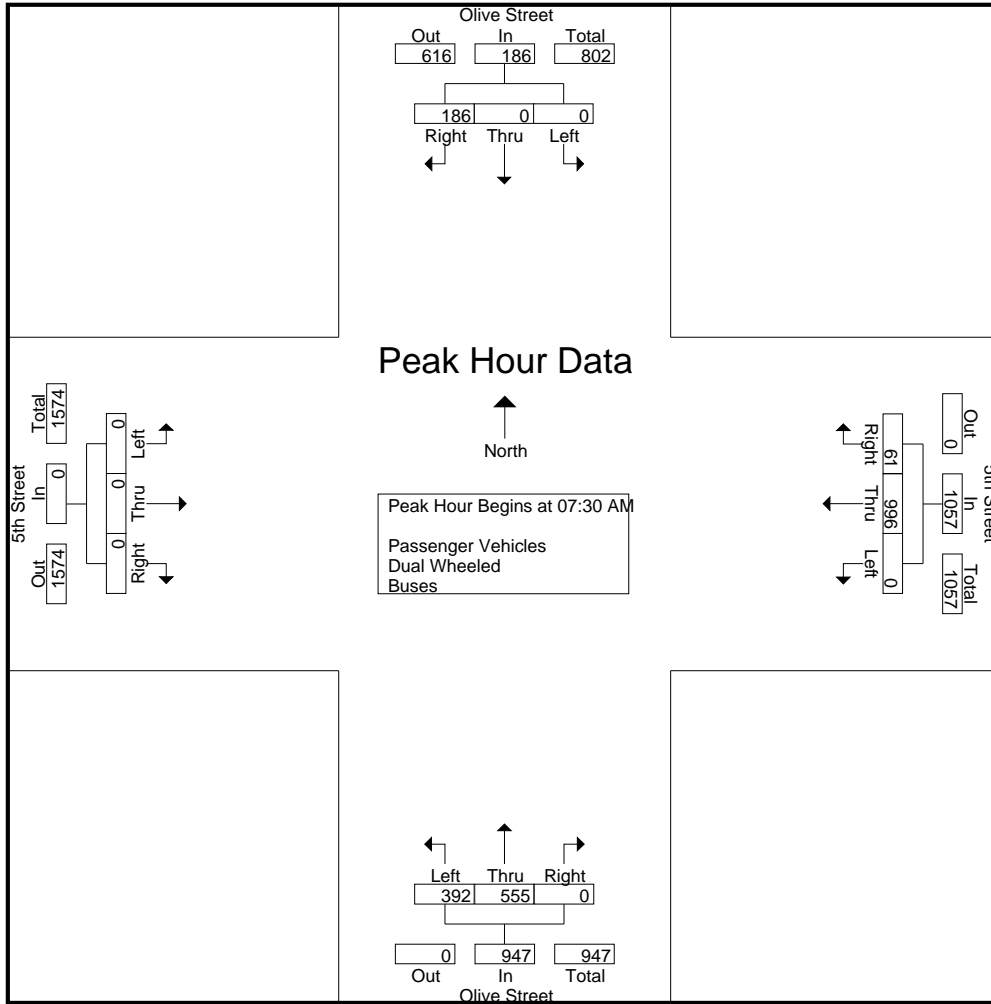
Groups Printed- Passenger Vehicles - Dual Wheeled - Buses

Start Time	Olive Street Southbound				5th Street Westbound				Olive Street Northbound				5th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	0	0	47	47	0	230	17	247	93	112	0	205	0	0	0	0	499
07:15 AM	0	0	37	37	0	261	9	270	94	112	0	206	0	0	0	0	513
07:30 AM	0	0	45	45	0	275	7	282	78	143	0	221	0	0	0	0	548
07:45 AM	0	0	50	50	0	274	15	289	109	149	0	258	0	0	0	0	597
Total	0	0	179	179	0	1040	48	1088	374	516	0	890	0	0	0	0	2157
08:00 AM	0	0	43	43	0	248	13	261	97	124	0	221	0	0	0	0	525
08:15 AM	0	0	48	48	0	199	26	225	108	139	0	247	0	0	0	0	520
08:30 AM	0	0	73	73	0	211	15	226	111	137	0	248	0	0	0	0	547
08:45 AM	0	0	78	78	0	199	13	212	96	138	0	234	0	0	0	0	524
Total	0	0	242	242	0	857	67	924	412	538	0	950	0	0	0	0	2116
09:00 AM	0	0	75	75	0	204	21	225	100	116	0	216	0	0	0	0	516
09:15 AM	0	0	59	59	0	197	32	229	95	142	0	237	0	0	0	0	525
09:30 AM	0	0	73	73	0	174	13	187	104	115	0	219	0	0	0	0	479
09:45 AM	0	0	78	78	0	167	16	183	94	96	0	190	0	0	0	0	451
Total	0	0	285	285	0	742	82	824	393	469	0	862	0	0	0	0	1971
Grand Total	0	0	706	706	0	2639	197	2836	1179	1523	0	2702	0	0	0	0	6244
Apprch %	0	0	100		0	93.1	6.9		43.6	56.4	0		0	0	0		
Total %	0	0	11.3	11.3	0	42.3	3.2	45.4	18.9	24.4	0	43.3	0	0	0	0	
Passenger Vehicles	0	0	673	673	0	2400	184	2584	1078	1300	0	2378	0	0	0	0	5635
% Passenger Vehicles	0	0	95.3	95.3	0	90.9	93.4	91.1	91.4	85.4	0	88	0	0	0	0	90.2
Dual Wheeled	0	0	29	29	0	53	12	65	41	35	0	76	0	0	0	0	170
% Dual Wheeled	0	0	4.1	4.1	0	2	6.1	2.3	3.5	2.3	0	2.8	0	0	0	0	2.7
Buses	0	0	4	4	0	186	1	187	60	188	0	248	0	0	0	0	439
% Buses	0	0	0.6	0.6	0	7	0.5	6.6	5.1	12.3	0	9.2	0	0	0	0	7

Start Time	Olive Street Southbound				5th Street Westbound				Olive Street Northbound				5th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	0	45	45	0	275	7	282	78	143	0	221	0	0	0	0	548
07:45 AM	0	0	50	50	0	274	15	289	109	149	0	258	0	0	0	0	597
08:00 AM	0	0	43	43	0	248	13	261	97	124	0	221	0	0	0	0	525
08:15 AM	0	0	48	48	0	199	26	225	108	139	0	247	0	0	0	0	520
Total Volume	0	0	186	186	0	996	61	1057	392	555	0	947	0	0	0	0	2190
% App. Total	0	0	100		0	94.2	5.8		41.4	58.6	0		0	0	0		
PHF	.000	.000	.930	.930	.000	.905	.587	.914	.899	.931	.000	.918	.000	.000	.000	.000	.917

City of Los Angeles
 N/S: Olive Street
 E/W: 5th Street
 Weather: Clear

File Name : LACOL5tAM
 Site Code : 20217215
 Start Date : 4/6/2017
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Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	08:30 AM				07:15 AM				07:45 AM				07:00 AM			
+0 mins.	0	0	73	73	0	261	9	270	109	149	0	258	0	0	0	0
+15 mins.	0	0	78	78	0	275	7	282	97	124	0	221	0	0	0	0
+30 mins.	0	0	75	75	0	274	15	289	108	139	0	247	0	0	0	0
+45 mins.	0	0	59	59	0	248	13	261	111	137	0	248	0	0	0	0
Total Volume	0	0	285	285	0	1058	44	1102	425	549	0	974	0	0	0	0
% App. Total	0	0	100		0	96	4		43.6	56.4	0		0	0	0	
PHF	.000	.000	.913	.913	.000	.962	.733	.953	.957	.921	.000	.944	.000	.000	.000	.000

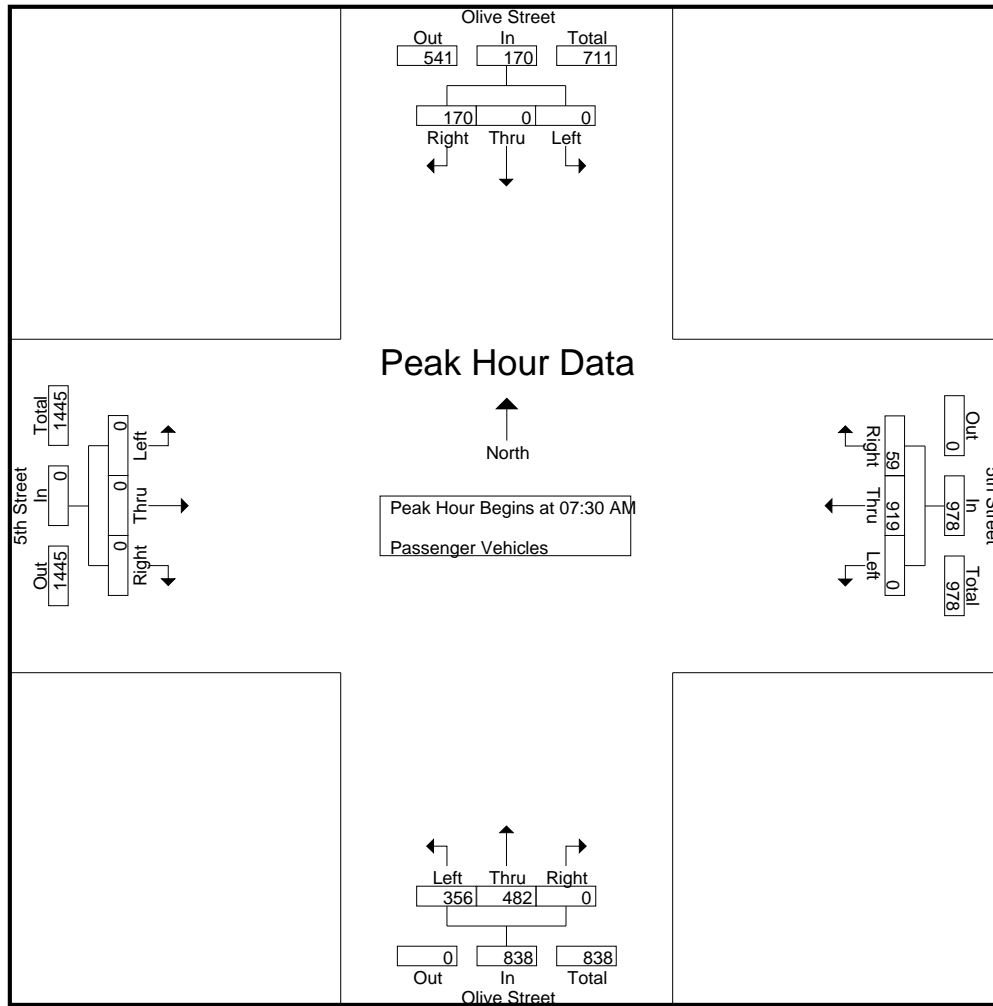
City of Los Angeles
 N/S: Olive Street
 E/W: 5th Street
 Weather: Clear

File Name : LACOL5tAM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

Groups Printed- Passenger Vehicles

Start Time	Olive Street Southbound				5th Street Westbound				Olive Street Northbound				5th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	0	0	45	45	0	202	14	216	88	86	0	174	0	0	0	0	435
07:15 AM	0	0	35	35	0	235	8	243	87	94	0	181	0	0	0	0	459
07:30 AM	0	0	42	42	0	256	6	262	70	126	0	196	0	0	0	0	500
07:45 AM	0	0	44	44	0	258	15	273	100	131	0	231	0	0	0	0	548
Total	0	0	166	166	0	951	43	994	345	437	0	782	0	0	0	0	1942
08:00 AM	0	0	40	40	0	225	13	238	87	104	0	191	0	0	0	0	469
08:15 AM	0	0	44	44	0	180	25	205	99	121	0	220	0	0	0	0	469
08:30 AM	0	0	72	72	0	193	13	206	102	117	0	219	0	0	0	0	497
08:45 AM	0	0	74	74	0	180	12	192	89	119	0	208	0	0	0	0	474
Total	0	0	230	230	0	778	63	841	377	461	0	838	0	0	0	0	1909
09:00 AM	0	0	74	74	0	183	19	202	93	99	0	192	0	0	0	0	468
09:15 AM	0	0	58	58	0	178	31	209	85	123	0	208	0	0	0	0	475
09:30 AM	0	0	71	71	0	159	13	172	94	104	0	198	0	0	0	0	441
09:45 AM	0	0	74	74	0	151	15	166	84	76	0	160	0	0	0	0	400
Total	0	0	277	277	0	671	78	749	356	402	0	758	0	0	0	0	1784
Grand Total	0	0	673	673	0	2400	184	2584	1078	1300	0	2378	0	0	0	0	5635
Apprch %	0	0	100		0	92.9	7.1		45.3	54.7	0		0	0	0		
Total %	0	0	11.9	11.9	0	42.6	3.3	45.9	19.1	23.1	0	42.2	0	0	0	0	

Start Time	Olive Street Southbound				5th Street Westbound				Olive Street Northbound				5th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	0	42	42	0	256	6	262	70	126	0	196	0	0	0	0	500
07:45 AM	0	0	44	44	0	258	15	273	100	131	0	231	0	0	0	0	548
08:00 AM	0	0	40	40	0	225	13	238	87	104	0	191	0	0	0	0	469
08:15 AM	0	0	44	44	0	180	25	205	99	121	0	220	0	0	0	0	469
Total Volume	0	0	170	170	0	919	59	978	356	482	0	838	0	0	0	0	1986
% App. Total	0	0	100		0	94	6		42.5	57.5	0		0	0	0		
PHF	.000	.000	.966	.966	.000	.891	.590	.896	.890	.920	.000	.907	.000	.000	.000	.000	.906



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

	07:30 AM				07:30 AM				07:30 AM				07:30 AM			
+0 mins.	0	0	42	42	0	256	6	262	70	126	0	196	0	0	0	0
+15 mins.	0	0	44	44	0	258	15	273	100	131	0	231	0	0	0	0
+30 mins.	0	0	40	40	0	225	13	238	87	104	0	191	0	0	0	0
+45 mins.	0	0	44	44	0	180	25	205	99	121	0	220	0	0	0	0
Total Volume	0	0	170	170	0	919	59	978	356	482	0	838	0	0	0	0
% App. Total	0	0	100		0	94	6		42.5	57.5	0		0	0	0	
PHF	.000	.000	.966	.966	.000	.891	.590	.896	.890	.920	.000	.907	.000	.000	.000	.000

City of Los Angeles
 N/S: Olive Street
 E/W: 5th Street
 Weather: Clear

File Name : LACOL5tAM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

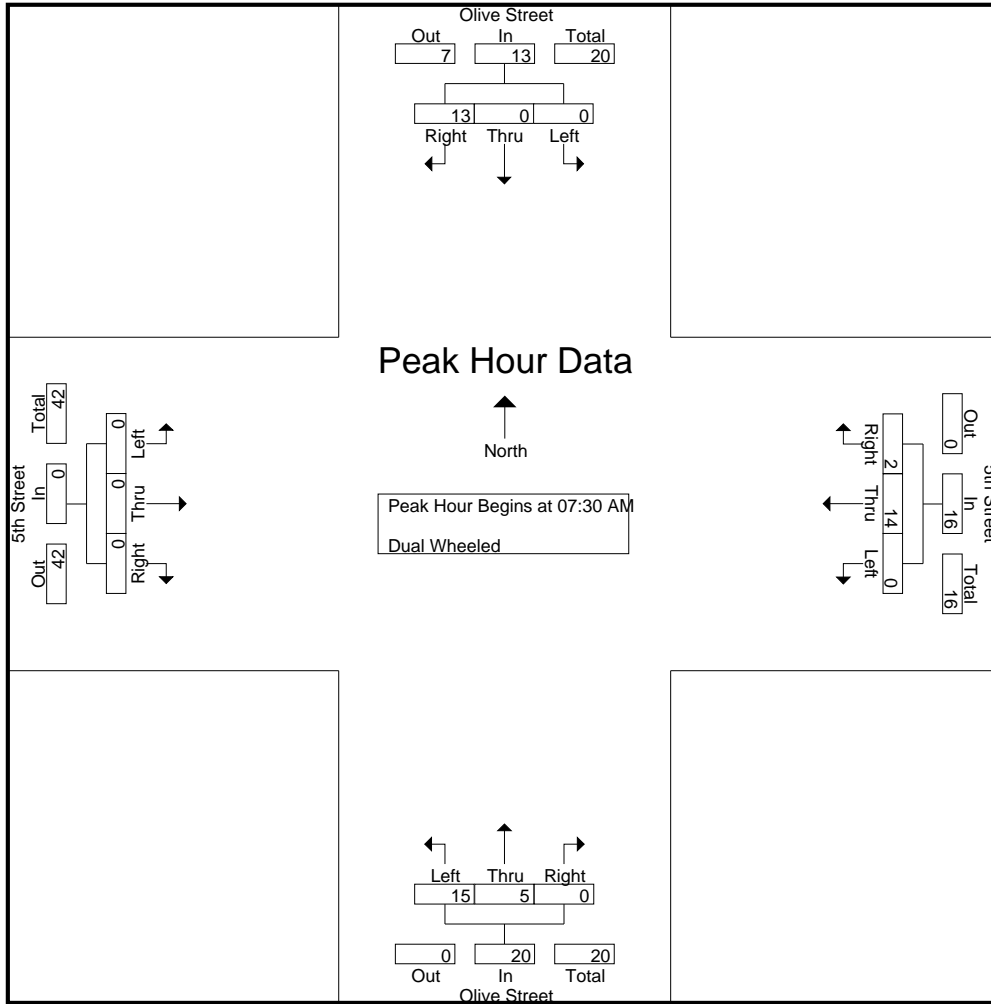
Groups Printed- Dual Wheeled

Start Time	Olive Street Southbound				5th Street Westbound				Olive Street Northbound				5th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	0	0	2	2	0	6	3	9	0	6	0	6	0	0	0	0	17
07:15 AM	0	0	2	2	0	3	1	4	2	1	0	3	0	0	0	0	9
07:30 AM	0	0	2	2	0	1	1	2	3	2	0	5	0	0	0	0	9
07:45 AM	0	0	5	5	0	5	0	5	3	3	0	6	0	0	0	0	16
Total	0	0	11	11	0	15	5	20	8	12	0	20	0	0	0	0	51
08:00 AM	0	0	3	3	0	3	0	3	4	0	0	4	0	0	0	0	10
08:15 AM	0	0	3	3	0	5	1	6	5	0	0	5	0	0	0	0	14
08:30 AM	0	0	1	1	0	2	1	3	5	7	0	12	0	0	0	0	16
08:45 AM	0	0	4	4	0	5	1	6	1	4	0	5	0	0	0	0	15
Total	0	0	11	11	0	15	3	18	15	11	0	26	0	0	0	0	55
09:00 AM	0	0	1	1	0	5	2	7	1	2	0	3	0	0	0	0	11
09:15 AM	0	0	1	1	0	6	1	7	7	4	0	11	0	0	0	0	19
09:30 AM	0	0	2	2	0	6	0	6	5	2	0	7	0	0	0	0	15
09:45 AM	0	0	3	3	0	6	1	7	5	4	0	9	0	0	0	0	19
Total	0	0	7	7	0	23	4	27	18	12	0	30	0	0	0	0	64
Grand Total	0	0	29	29	0	53	12	65	41	35	0	76	0	0	0	0	170
Apprch %	0	0	100		0	81.5	18.5		53.9	46.1	0		0	0	0		
Total %	0	0	17.1	17.1	0	31.2	7.1	38.2	24.1	20.6	0	44.7	0	0	0	0	

Start Time	Olive Street Southbound				5th Street Westbound				Olive Street Northbound				5th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	0	2	2	0	1	1	2	3	2	0	5	0	0	0	0	9
07:45 AM	0	0	5	5	0	5	0	5	3	3	0	6	0	0	0	0	16
08:00 AM	0	0	3	3	0	3	0	3	4	0	0	4	0	0	0	0	10
08:15 AM	0	0	3	3	0	5	1	6	5	0	0	5	0	0	0	0	14
Total Volume	0	0	13	13	0	14	2	16	15	5	0	20	0	0	0	0	49
% App. Total	0	0	100		0	87.5	12.5		75	25	0		0	0	0		
PHF	.000	.000	.650	.650	.000	.700	.500	.667	.750	.417	.000	.833	.000	.000	.000	.000	.766

City of Los Angeles
 N/S: Olive Street
 E/W: 5th Street
 Weather: Clear

File Name : LACOL5tAM
 Site Code : 20217215
 Start Date : 4/6/2017
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Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	07:30 AM				07:30 AM				07:30 AM				07:30 AM			
+0 mins.	0	0	2	2	0	1	1	2	3	2	0	5	0	0	0	0
+15 mins.	0	0	5	5	0	5	0	5	3	3	0	6	0	0	0	0
+30 mins.	0	0	3	3	0	3	0	3	4	0	0	4	0	0	0	0
+45 mins.	0	0	3	3	0	5	1	6	5	0	0	5	0	0	0	0
Total Volume	0	0	13	13	0	14	2	16	15	5	0	20	0	0	0	0
% App. Total	0	0	100		0	87.5	12.5		75	25	0		0	0	0	
PHF	.000	.000	.650	.650	.000	.700	.500	.667	.750	.417	.000	.833	.000	.000	.000	.000

City of Los Angeles
 N/S: Olive Street
 E/W: 5th Street
 Weather: Clear

File Name : LACOL5tAM
 Site Code : 20217215
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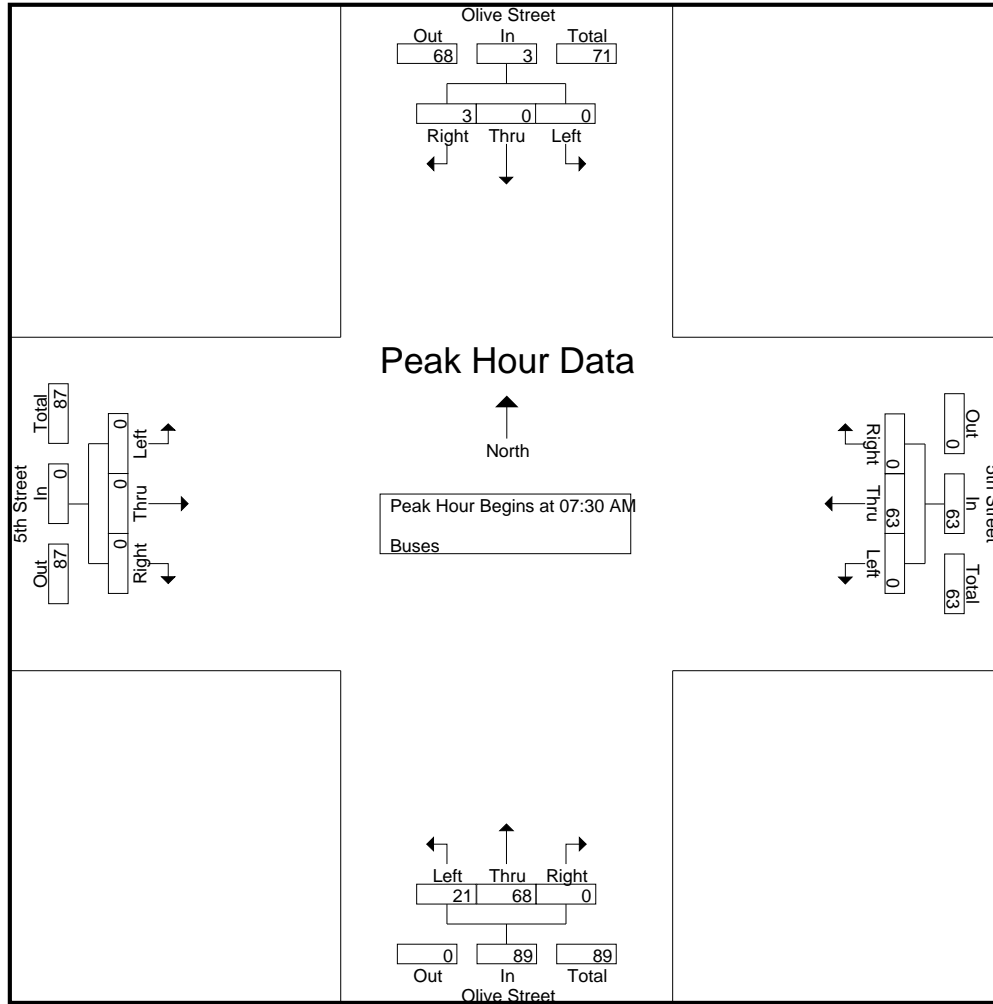
Groups Printed- Buses

Start Time	Olive Street Southbound				5th Street Westbound				Olive Street Northbound				5th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	0	0	0	0	0	22	0	22	5	20	0	25	0	0	0	0	47
07:15 AM	0	0	0	0	0	23	0	23	5	17	0	22	0	0	0	0	45
07:30 AM	0	0	1	1	0	18	0	18	5	15	0	20	0	0	0	0	39
07:45 AM	0	0	1	1	0	11	0	11	6	15	0	21	0	0	0	0	33
Total	0	0	2	2	0	74	0	74	21	67	0	88	0	0	0	0	164
08:00 AM	0	0	0	0	0	20	0	20	6	20	0	26	0	0	0	0	46
08:15 AM	0	0	1	1	0	14	0	14	4	18	0	22	0	0	0	0	37
08:30 AM	0	0	0	0	0	16	1	17	4	13	0	17	0	0	0	0	34
08:45 AM	0	0	0	0	0	14	0	14	6	15	0	21	0	0	0	0	35
Total	0	0	1	1	0	64	1	65	20	66	0	86	0	0	0	0	152
09:00 AM	0	0	0	0	0	16	0	16	6	15	0	21	0	0	0	0	37
09:15 AM	0	0	0	0	0	13	0	13	3	15	0	18	0	0	0	0	31
09:30 AM	0	0	0	0	0	9	0	9	5	9	0	14	0	0	0	0	23
09:45 AM	0	0	1	1	0	10	0	10	5	16	0	21	0	0	0	0	32
Total	0	0	1	1	0	48	0	48	19	55	0	74	0	0	0	0	123
Grand Total	0	0	4	4	0	186	1	187	60	188	0	248	0	0	0	0	439
Apprch %	0	0	100		0	99.5	0.5		24.2	75.8	0		0	0	0		
Total %	0	0	0.9	0.9	0	42.4	0.2	42.6	13.7	42.8	0	56.5	0	0	0	0	

Start Time	Olive Street Southbound				5th Street Westbound				Olive Street Northbound				5th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	0	1	1	0	18	0	18	5	15	0	20	0	0	0	0	39
07:45 AM	0	0	1	1	0	11	0	11	6	15	0	21	0	0	0	0	33
08:00 AM	0	0	0	0	0	20	0	20	6	20	0	26	0	0	0	0	46
08:15 AM	0	0	1	1	0	14	0	14	4	18	0	22	0	0	0	0	37
Total Volume	0	0	3	3	0	63	0	63	21	68	0	89	0	0	0	0	155
% App. Total	0	0	100		0	100	0		23.6	76.4	0		0	0	0		
PHF	.000	.000	.750	.750	.000	.788	.000	.788	.875	.850	.000	.856	.000	.000	.000	.000	.842

City of Los Angeles
 N/S: Olive Street
 E/W: 5th Street
 Weather: Clear

File Name : LACOL5tAM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 2



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

	07:30 AM				07:30 AM				07:30 AM				07:30 AM			
+0 mins.	0	0	1	1	0	18	0	18	5	15	0	20	0	0	0	0
+15 mins.	0	0	1	1	0	11	0	11	6	15	0	21	0	0	0	0
+30 mins.	0	0	0	0	0	20	0	20	6	20	0	26	0	0	0	0
+45 mins.	0	0	1	1	0	14	0	14	4	18	0	22	0	0	0	0
Total Volume	0	0	3	3	0	63	0	63	21	68	0	89	0	0	0	0
% App. Total	0	0	100		0	100	0		23.6	76.4	0		0	0	0	
PHF	.000	.000	.750	.750	.000	.788	.000	.788	.875	.850	.000	.856	.000	.000	.000	.000

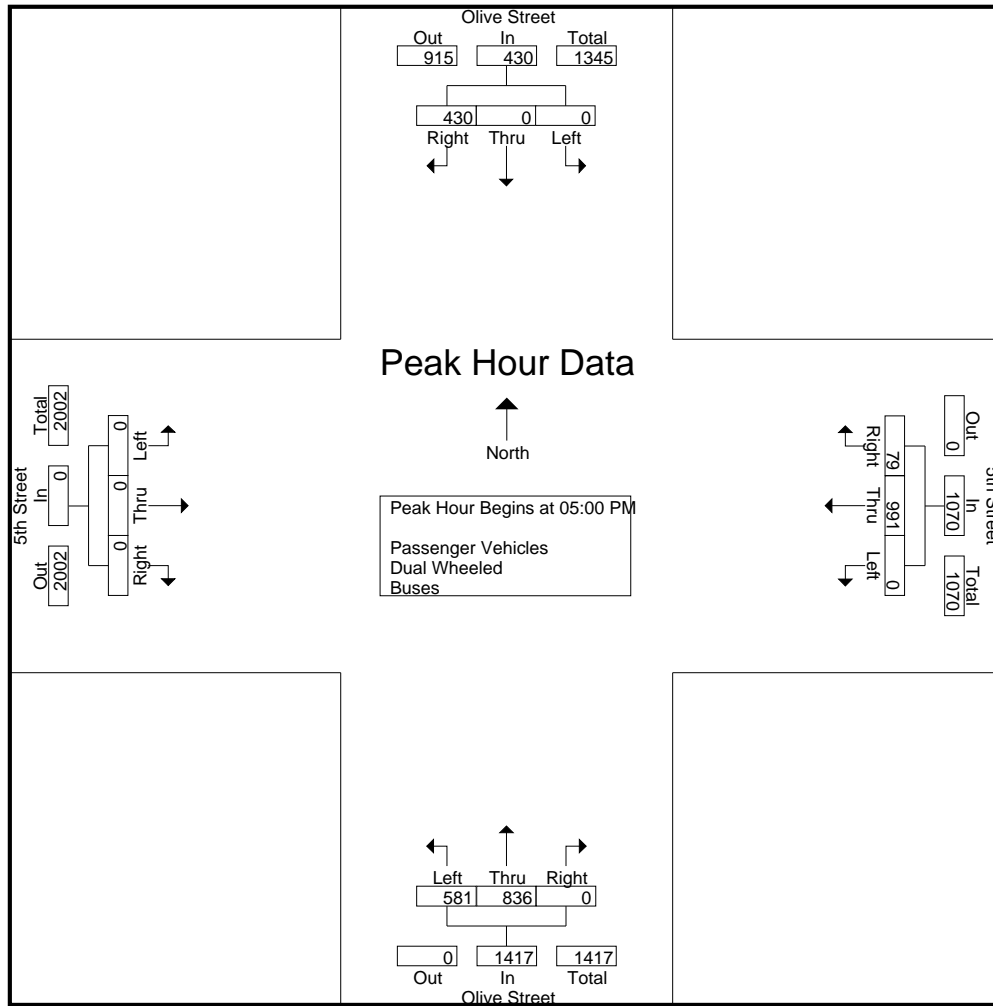
City of Los Angeles
 N/S: Olive Street
 E/W: 5th Street
 Weather: Clear

File Name : LACOL5tPM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

Groups Printed- Passenger Vehicles - Dual Wheeled - Buses

Start Time	Olive Street Southbound				5th Street Westbound				Olive Street Northbound				5th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
03:00 PM	0	0	90	90	0	181	13	194	129	170	0	299	0	0	0	0	583
03:15 PM	0	0	79	79	0	167	22	189	102	192	0	294	0	0	0	0	562
03:30 PM	0	0	101	101	0	168	15	183	115	188	0	303	0	0	0	0	587
03:45 PM	0	0	104	104	0	185	18	203	93	190	0	283	0	0	0	0	590
Total	0	0	374	374	0	701	68	769	439	740	0	1179	0	0	0	0	2322
04:00 PM	0	0	113	113	0	191	21	212	112	159	0	271	0	0	0	0	596
04:15 PM	0	0	100	100	0	194	15	209	138	228	0	366	0	0	0	0	675
04:30 PM	0	0	122	122	0	222	14	236	121	180	0	301	0	0	0	0	659
04:45 PM	0	0	102	102	0	222	11	233	142	196	0	338	0	0	0	0	673
Total	0	0	437	437	0	829	61	890	513	763	0	1276	0	0	0	0	2603
05:00 PM	0	0	130	130	0	249	17	266	117	182	0	299	0	0	0	0	695
05:15 PM	0	0	103	103	0	233	16	249	154	212	0	366	0	0	0	0	718
05:30 PM	0	0	92	92	0	234	23	257	148	228	0	376	0	0	0	0	725
05:45 PM	0	0	105	105	0	275	23	298	162	214	0	376	0	0	0	0	779
Total	0	0	430	430	0	991	79	1070	581	836	0	1417	0	0	0	0	2917
Grand Total	0	0	1241	1241	0	2521	208	2729	1533	2339	0	3872	0	0	0	0	7842
Apprch %	0	0	100		0	92.4	7.6		39.6	60.4	0		0	0	0		
Total %	0	0	15.8	15.8	0	32.1	2.7	34.8	19.5	29.8	0	49.4	0	0	0	0	
Passenger Vehicles	0	0	1226	1226	0	2330	201	2531	1471	2119	0	3590	0	0	0	0	7347
% Passenger Vehicles	0	0	98.8	98.8	0	92.4	96.6	92.7	96	90.6	0	92.7	0	0	0	0	93.7
Dual Wheeled	0	0	9	9	0	27	7	34	19	19	0	38	0	0	0	0	81
% Dual Wheeled	0	0	0.7	0.7	0	1.1	3.4	1.2	1.2	0.8	0	1	0	0	0	0	1
Buses	0	0	6	6	0	164	0	164	43	201	0	244	0	0	0	0	414
% Buses	0	0	0.5	0.5	0	6.5	0	6	2.8	8.6	0	6.3	0	0	0	0	5.3

Start Time	Olive Street Southbound				5th Street Westbound				Olive Street Northbound				5th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	0	130	130	0	249	17	266	117	182	0	299	0	0	0	0	695
05:15 PM	0	0	103	103	0	233	16	249	154	212	0	366	0	0	0	0	718
05:30 PM	0	0	92	92	0	234	23	257	148	228	0	376	0	0	0	0	725
05:45 PM	0	0	105	105	0	275	23	298	162	214	0	376	0	0	0	0	779
Total Volume	0	0	430	430	0	991	79	1070	581	836	0	1417	0	0	0	0	2917
% App. Total	0	0	100		0	92.6	7.4		41	59	0		0	0	0		
PHF	.000	.000	.827	.827	.000	.901	.859	.898	.897	.917	.000	.942	.000	.000	.000	.000	.936



Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	04:30 PM				05:00 PM				05:00 PM				03:00 PM			
+0 mins.	0	0	122	122	0	249	17	266	117	182	0	299	0	0	0	0
+15 mins.	0	0	102	102	0	233	16	249	154	212	0	366	0	0	0	0
+30 mins.	0	0	130	130	0	234	23	257	148	228	0	376	0	0	0	0
+45 mins.	0	0	103	103	0	275	23	298	162	214	0	376	0	0	0	0
Total Volume	0	0	457	457	0	991	79	1070	581	836	0	1417	0	0	0	0
% App. Total	0	0	100		0	92.6	7.4		41	59	0		0	0	0	
PHF	.000	.000	.879	.879	.000	.901	.859	.898	.897	.917	.000	.942	.000	.000	.000	.000

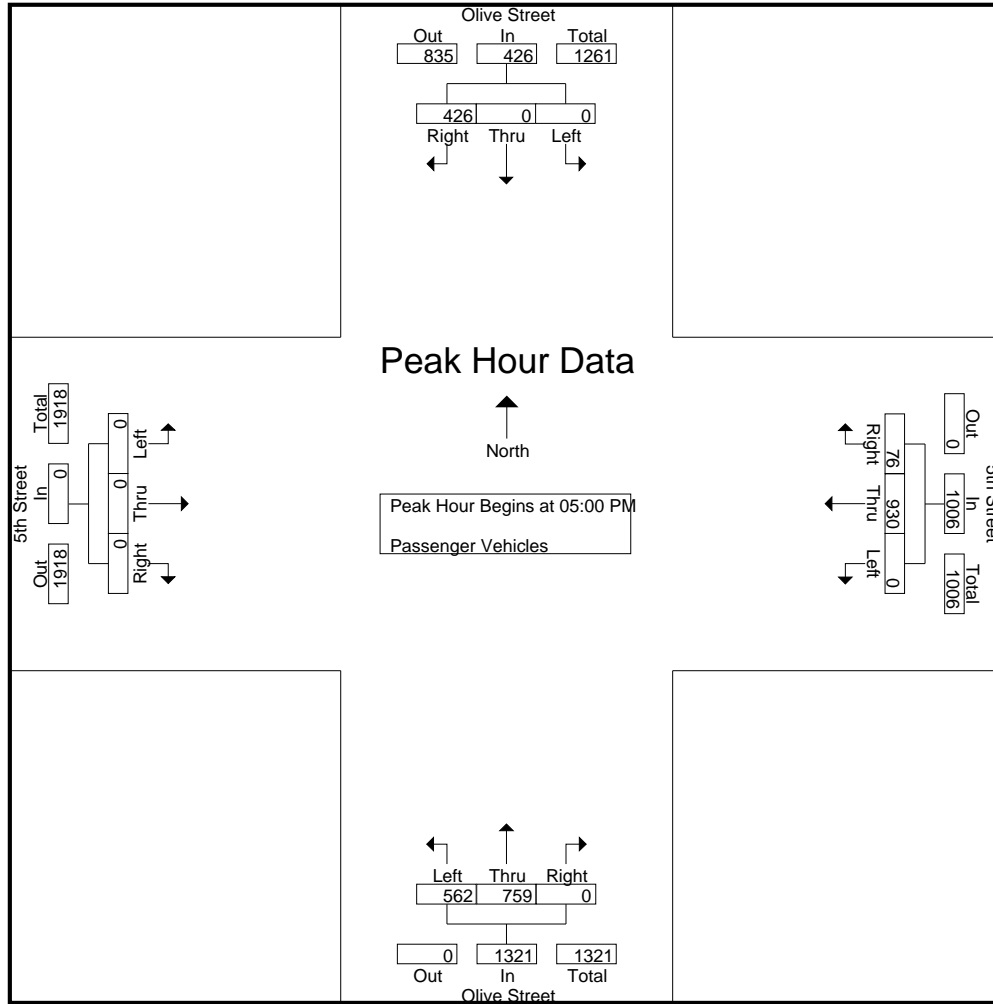
City of Los Angeles
 N/S: Olive Street
 E/W: 5th Street
 Weather: Clear

File Name : LACOL5tPM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

Groups Printed- Passenger Vehicles

Start Time	Olive Street Southbound				5th Street Westbound				Olive Street Northbound				5th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
03:00 PM	0	0	86	86	0	163	13	176	121	155	0	276	0	0	0	0	538
03:15 PM	0	0	76	76	0	152	20	172	97	175	0	272	0	0	0	0	520
03:30 PM	0	0	101	101	0	146	14	160	112	168	0	280	0	0	0	0	541
03:45 PM	0	0	103	103	0	171	17	188	89	171	0	260	0	0	0	0	551
Total	0	0	366	366	0	632	64	696	419	669	0	1088	0	0	0	0	2150
04:00 PM	0	0	112	112	0	175	21	196	108	145	0	253	0	0	0	0	561
04:15 PM	0	0	99	99	0	176	15	191	131	209	0	340	0	0	0	0	630
04:30 PM	0	0	121	121	0	209	14	223	114	154	0	268	0	0	0	0	612
04:45 PM	0	0	102	102	0	208	11	219	137	183	0	320	0	0	0	0	641
Total	0	0	434	434	0	768	61	829	490	691	0	1181	0	0	0	0	2444
05:00 PM	0	0	129	129	0	233	15	248	108	162	0	270	0	0	0	0	647
05:15 PM	0	0	100	100	0	216	15	231	151	194	0	345	0	0	0	0	676
05:30 PM	0	0	92	92	0	220	23	243	146	213	0	359	0	0	0	0	694
05:45 PM	0	0	105	105	0	261	23	284	157	190	0	347	0	0	0	0	736
Total	0	0	426	426	0	930	76	1006	562	759	0	1321	0	0	0	0	2753
Grand Total	0	0	1226	1226	0	2330	201	2531	1471	2119	0	3590	0	0	0	0	7347
Apprch %	0	0	100		0	92.1	7.9		41	59	0		0	0	0		
Total %	0	0	16.7	16.7	0	31.7	2.7	34.4	20	28.8	0	48.9	0	0	0	0	

Start Time	Olive Street Southbound				5th Street Westbound				Olive Street Northbound				5th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	0	129	129	0	233	15	248	108	162	0	270	0	0	0	0	647
05:15 PM	0	0	100	100	0	216	15	231	151	194	0	345	0	0	0	0	676
05:30 PM	0	0	92	92	0	220	23	243	146	213	0	359	0	0	0	0	694
05:45 PM	0	0	105	105	0	261	23	284	157	190	0	347	0	0	0	0	736
Total Volume	0	0	426	426	0	930	76	1006	562	759	0	1321	0	0	0	0	2753
% App. Total	0	0	100		0	92.4	7.6		42.5	57.5	0		0	0	0		
PHF	.000	.000	.826	.826	.000	.891	.826	.886	.895	.891	.000	.920	.000	.000	.000	.000	.935



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

	05:00 PM				05:00 PM				05:00 PM				05:00 PM			
+0 mins.	0	0	129	129	0	233	15	248	108	162	0	270	0	0	0	0
+15 mins.	0	0	100	100	0	216	15	231	151	194	0	345	0	0	0	0
+30 mins.	0	0	92	92	0	220	23	243	146	213	0	359	0	0	0	0
+45 mins.	0	0	105	105	0	261	23	284	157	190	0	347	0	0	0	0
Total Volume	0	0	426	426	0	930	76	1006	562	759	0	1321	0	0	0	0
% App. Total	0	0	100		0	92.4	7.6		42.5	57.5	0		0	0	0	
PHF	.000	.000	.826	.826	.000	.891	.826	.886	.895	.891	.000	.920	.000	.000	.000	.000

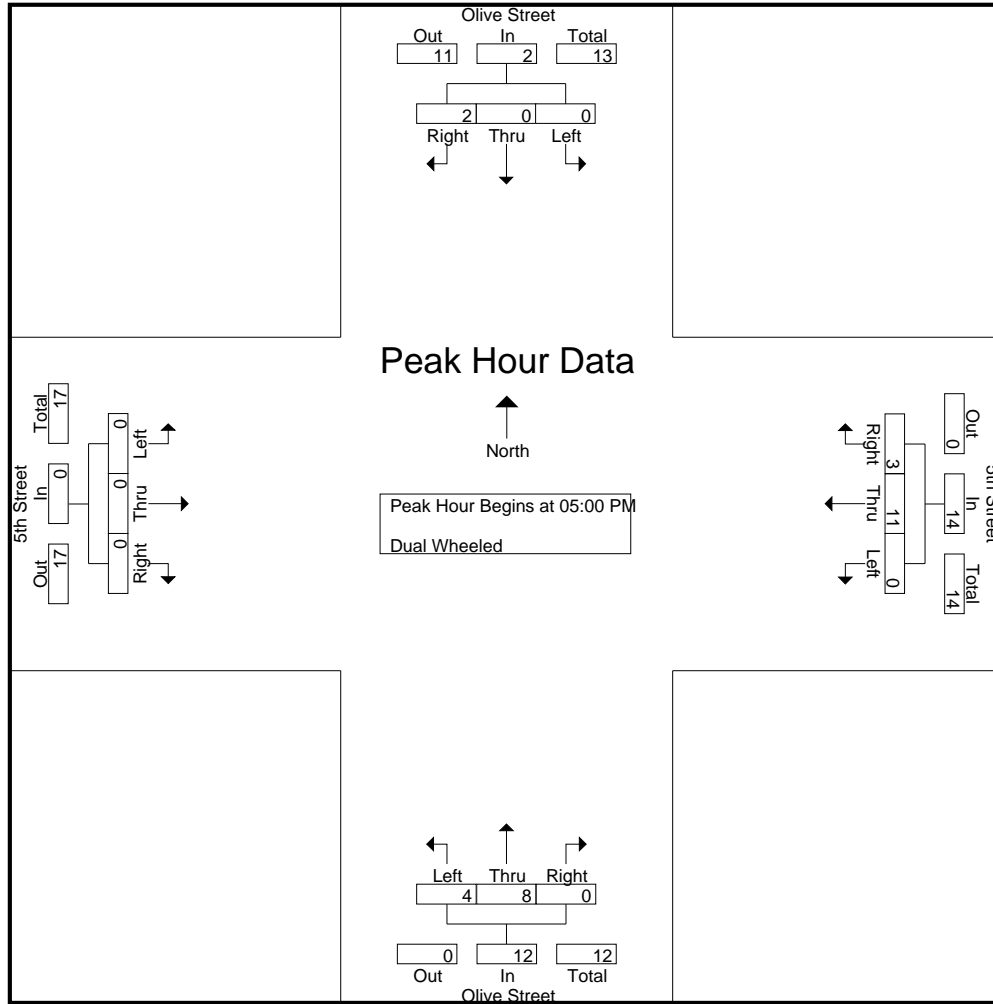
City of Los Angeles
 N/S: Olive Street
 E/W: 5th Street
 Weather: Clear

File Name : LACOL5tPM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

Groups Printed- Dual Wheeled

Start Time	Olive Street Southbound				5th Street Westbound				Olive Street Northbound				5th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
03:00 PM	0	0	3	3	0	2	0	2	4	1	0	5	0	0	0	0	10
03:15 PM	0	0	1	1	0	1	2	3	1	1	0	2	0	0	0	0	6
03:30 PM	0	0	0	0	0	3	1	4	1	1	0	2	0	0	0	0	6
03:45 PM	0	0	1	1	0	3	1	4	1	3	0	4	0	0	0	0	9
Total	0	0	5	5	0	9	4	13	7	6	0	13	0	0	0	0	31
04:00 PM	0	0	1	1	0	2	0	2	0	0	0	0	0	0	0	0	3
04:15 PM	0	0	0	0	0	3	0	3	4	2	0	6	0	0	0	0	9
04:30 PM	0	0	1	1	0	1	0	1	2	3	0	5	0	0	0	0	7
04:45 PM	0	0	0	0	0	1	0	1	2	0	0	2	0	0	0	0	3
Total	0	0	2	2	0	7	0	7	8	5	0	13	0	0	0	0	22
05:00 PM	0	0	0	0	0	2	2	4	2	3	0	5	0	0	0	0	9
05:15 PM	0	0	2	2	0	3	1	4	2	0	0	2	0	0	0	0	8
05:30 PM	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	2
05:45 PM	0	0	0	0	0	6	0	6	0	3	0	3	0	0	0	0	9
Total	0	0	2	2	0	11	3	14	4	8	0	12	0	0	0	0	28
Grand Total	0	0	9	9	0	27	7	34	19	19	0	38	0	0	0	0	81
Apprch %	0	0	100		0	79.4	20.6		50	50	0		0	0	0		
Total %	0	0	11.1	11.1	0	33.3	8.6	42	23.5	23.5	0	46.9	0	0	0	0	

Start Time	Olive Street Southbound				5th Street Westbound				Olive Street Northbound				5th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	0	0	0	0	2	2	4	2	3	0	5	0	0	0	0	9
05:15 PM	0	0	2	2	0	3	1	4	2	0	0	2	0	0	0	0	8
05:30 PM	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	2
05:45 PM	0	0	0	0	0	6	0	6	0	3	0	3	0	0	0	0	9
Total Volume	0	0	2	2	0	11	3	14	4	8	0	12	0	0	0	0	28
% App. Total	0	0	100		0	78.6	21.4		33.3	66.7	0		0	0	0		
PHF	.000	.000	.250	.250	.000	.458	.375	.583	.500	.667	.000	.600	.000	.000	.000	.000	.778



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

	05:00 PM				05:00 PM				05:00 PM				05:00 PM			
+0 mins.	0	0	0	0	0	2	2	4	2	3	0	5	0	0	0	0
+15 mins.	0	0	2	2	0	3	1	4	2	0	0	2	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0
+45 mins.	0	0	0	0	0	6	0	6	0	3	0	3	0	0	0	0
Total Volume	0	0	2	2	0	11	3	14	4	8	0	12	0	0	0	0
% App. Total	0	0	100		0	78.6	21.4		33.3	66.7	0		0	0	0	
PHF	.000	.000	.250	.250	.000	.458	.375	.583	.500	.667	.000	.600	.000	.000	.000	.000

City of Los Angeles
 N/S: Olive Street
 E/W: 5th Street
 Weather: Clear

File Name : LACOL5tPM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

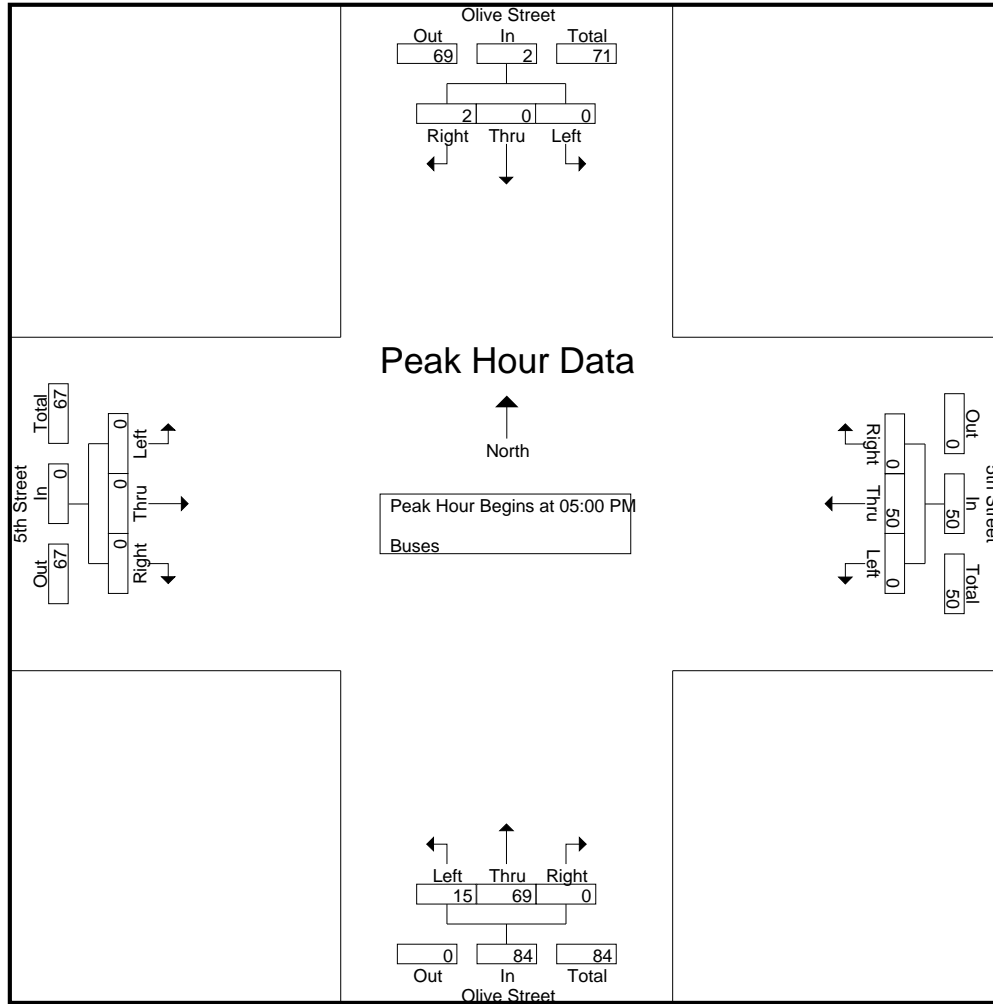
Groups Printed- Buses

Start Time	Olive Street Southbound				5th Street Westbound				Olive Street Northbound				5th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
03:00 PM	0	0	1	1	0	16	0	16	4	14	0	18	0	0	0	0	35
03:15 PM	0	0	2	2	0	14	0	14	4	16	0	20	0	0	0	0	36
03:30 PM	0	0	0	0	0	19	0	19	2	19	0	21	0	0	0	0	40
03:45 PM	0	0	0	0	0	11	0	11	3	16	0	19	0	0	0	0	30
Total	0	0	3	3	0	60	0	60	13	65	0	78	0	0	0	0	141
04:00 PM	0	0	0	0	0	14	0	14	4	14	0	18	0	0	0	0	32
04:15 PM	0	0	1	1	0	15	0	15	3	17	0	20	0	0	0	0	36
04:30 PM	0	0	0	0	0	12	0	12	5	23	0	28	0	0	0	0	40
04:45 PM	0	0	0	0	0	13	0	13	3	13	0	16	0	0	0	0	29
Total	0	0	1	1	0	54	0	54	15	67	0	82	0	0	0	0	137
05:00 PM	0	0	1	1	0	14	0	14	7	17	0	24	0	0	0	0	39
05:15 PM	0	0	1	1	0	14	0	14	1	18	0	19	0	0	0	0	34
05:30 PM	0	0	0	0	0	14	0	14	2	13	0	15	0	0	0	0	29
05:45 PM	0	0	0	0	0	8	0	8	5	21	0	26	0	0	0	0	34
Total	0	0	2	2	0	50	0	50	15	69	0	84	0	0	0	0	136
Grand Total	0	0	6	6	0	164	0	164	43	201	0	244	0	0	0	0	414
Apprch %	0	0	100		0	100	0		17.6	82.4	0		0	0	0		
Total %	0	0	1.4	1.4	0	39.6	0	39.6	10.4	48.6	0	58.9	0	0	0	0	

Start Time	Olive Street Southbound				5th Street Westbound				Olive Street Northbound				5th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	0	1	1	0	14	0	14	7	17	0	24	0	0	0	0	39
05:15 PM	0	0	1	1	0	14	0	14	1	18	0	19	0	0	0	0	34
05:30 PM	0	0	0	0	0	14	0	14	2	13	0	15	0	0	0	0	29
05:45 PM	0	0	0	0	0	8	0	8	5	21	0	26	0	0	0	0	34
Total Volume	0	0	2	2	0	50	0	50	15	69	0	84	0	0	0	0	136
% App. Total	0	0	100		0	100	0		17.9	82.1	0		0	0	0		
PHF	.000	.000	.500	.500	.000	.893	.000	.893	.536	.821	.000	.808	.000	.000	.000	.000	.872

City of Los Angeles
 N/S: Olive Street
 E/W: 5th Street
 Weather: Clear

File Name : LACOL5tPM
 Site Code : 20217215
 Start Date : 4/6/2017
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Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	05:00 PM				05:00 PM				05:00 PM				05:00 PM			
+0 mins.	0	0	1	1	0	14	0	14	7	17	0	24	0	0	0	0
+15 mins.	0	0	1	1	0	14	0	14	1	18	0	19	0	0	0	0
+30 mins.	0	0	0	0	0	14	0	14	2	13	0	15	0	0	0	0
+45 mins.	0	0	0	0	0	8	0	8	5	21	0	26	0	0	0	0
Total Volume	0	0	2	2	0	50	0	50	15	69	0	84	0	0	0	0
% App. Total	0	0	100		0	100	0		17.9	82.1	0		0	0	0	
PHF	.000	.000	.500	.500	.000	.893	.000	.893	.536	.821	.000	.808	.000	.000	.000	.000

City of Los Angeles
 N/S: Hill Street
 E/W: 5th Street
 Weather: Clear

File Name : LACHI5tAM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

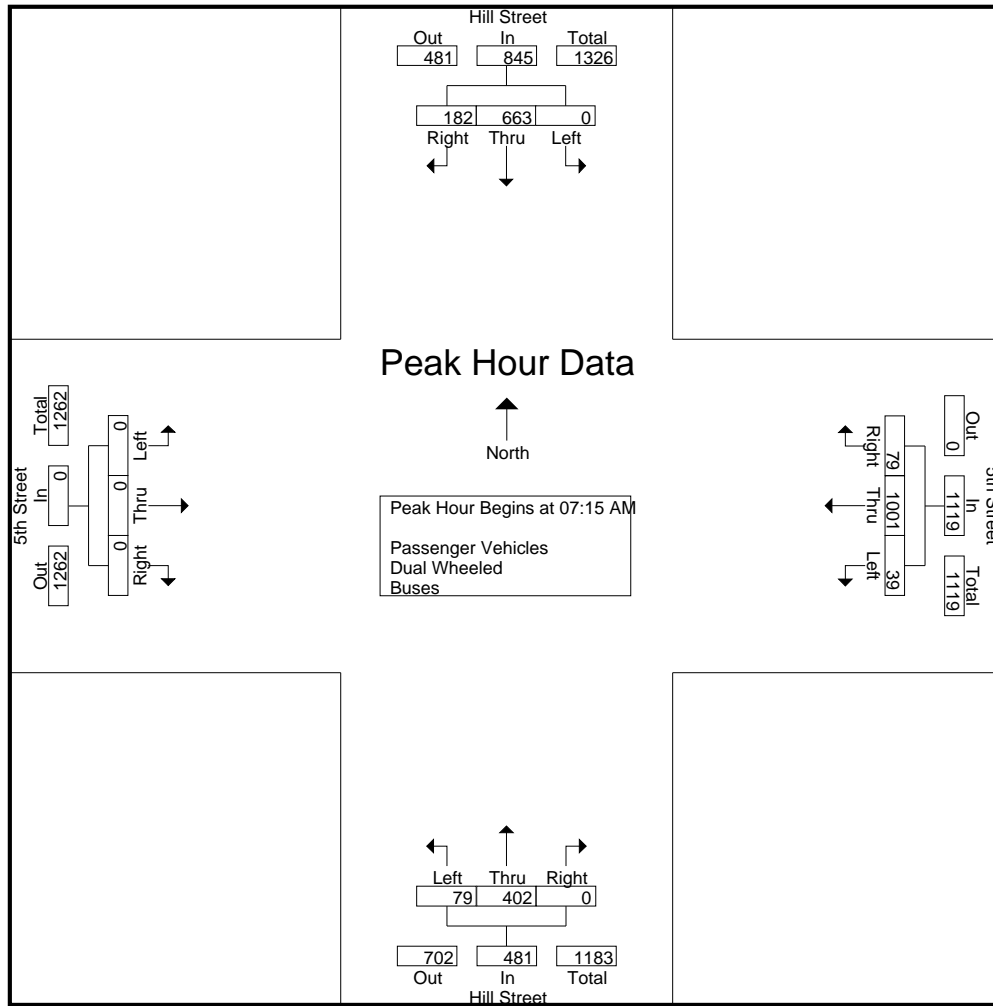
Groups Printed- Passenger Vehicles - Dual Wheeled - Buses

Start Time	Hill Street Southbound				5th Street Westbound				Hill Street Northbound				5th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	0	146	40	186	11	217	23	251	11	67	0	78	0	0	0	0	515
07:15 AM	0	162	55	217	14	255	15	284	20	92	0	112	0	0	0	0	613
07:30 AM	0	161	49	210	11	242	23	276	19	86	0	105	0	0	0	0	591
07:45 AM	0	176	36	212	9	258	20	287	25	99	0	124	0	0	0	0	623
Total	0	645	180	825	45	972	81	1098	75	344	0	419	0	0	0	0	2342
08:00 AM	0	164	42	206	5	246	21	272	15	125	0	140	0	0	0	0	618
08:15 AM	0	167	41	208	12	237	20	269	16	87	0	103	0	0	0	0	580
08:30 AM	0	168	57	225	15	234	31	280	19	91	0	110	0	0	0	0	615
08:45 AM	0	181	60	241	6	211	16	233	17	90	0	107	0	0	0	0	581
Total	0	680	200	880	38	928	88	1054	67	393	0	460	0	0	0	0	2394
09:00 AM	0	191	67	258	12	210	17	239	14	88	0	102	0	0	0	0	599
09:15 AM	0	187	66	253	26	216	26	268	14	68	0	82	0	0	0	0	603
09:30 AM	0	179	67	246	25	140	16	181	19	79	0	98	0	0	0	0	525
09:45 AM	0	198	48	246	16	163	22	201	17	84	0	101	0	0	0	0	548
Total	0	755	248	1003	79	729	81	889	64	319	0	383	0	0	0	0	2275
Grand Total	0	2080	628	2708	162	2629	250	3041	206	1056	0	1262	0	0	0	0	7011
Apprch %	0	76.8	23.2		5.3	86.5	8.2		16.3	83.7	0		0	0	0		
Total %	0	29.7	9	38.6	2.3	37.5	3.6	43.4	2.9	15.1	0	18	0	0	0	0	
Passenger Vehicles	0	1974	595	2569	155	2406	240	2801	196	944	0	1140	0	0	0	0	6510
% Passenger Vehicles	0	94.9	94.7	94.9	95.7	91.5	96	92.1	95.1	89.4	0	90.3	0	0	0	0	92.9
Dual Wheeled	0	15	14	29	7	50	10	67	4	18	0	22	0	0	0	0	118
% Dual Wheeled	0	0.7	2.2	1.1	4.3	1.9	4	2.2	1.9	1.7	0	1.7	0	0	0	0	1.7
Buses	0	91	19	110	0	173	0	173	6	94	0	100	0	0	0	0	383
% Buses	0	4.4	3	4.1	0	6.6	0	5.7	2.9	8.9	0	7.9	0	0	0	0	5.5

Start Time	Hill Street Southbound				5th Street Westbound				Hill Street Northbound				5th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:15 AM																	
07:15 AM	0	162	55	217	14	255	15	284	20	92	0	112	0	0	0	0	613
07:30 AM	0	161	49	210	11	242	23	276	19	86	0	105	0	0	0	0	591
07:45 AM	0	176	36	212	9	258	20	287	25	99	0	124	0	0	0	0	623
08:00 AM	0	164	42	206	5	246	21	272	15	125	0	140	0	0	0	0	618
Total Volume	0	663	182	845	39	1001	79	1119	79	402	0	481	0	0	0	0	2445
% App. Total	0	78.5	21.5		3.5	89.5	7.1		16.4	83.6	0		0	0	0		
PHF	.000	.942	.827	.974	.696	.970	.859	.975	.790	.804	.000	.859	.000	.000	.000	.000	.981

City of Los Angeles
 N/S: Hill Street
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 Weather: Clear

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Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	09:00 AM				07:15 AM				07:15 AM				07:00 AM			
+0 mins.	0	191	67	258	14	255	15	284	20	92	0	112	0	0	0	0
+15 mins.	0	187	66	253	11	242	23	276	19	86	0	105	0	0	0	0
+30 mins.	0	179	67	246	9	258	20	287	25	99	0	124	0	0	0	0
+45 mins.	0	198	48	246	5	246	21	272	15	125	0	140	0	0	0	0
Total Volume	0	755	248	1003	39	1001	79	1119	79	402	0	481	0	0	0	0
% App. Total	0	75.3	24.7		3.5	89.5	7.1		16.4	83.6	0		0	0	0	
PHF	.000	.953	.925	.972	.696	.970	.859	.975	.790	.804	.000	.859	.000	.000	.000	.000

City of Los Angeles
 N/S: Hill Street
 E/W: 5th Street
 Weather: Clear

File Name : LACHI5tAM
 Site Code : 20217215
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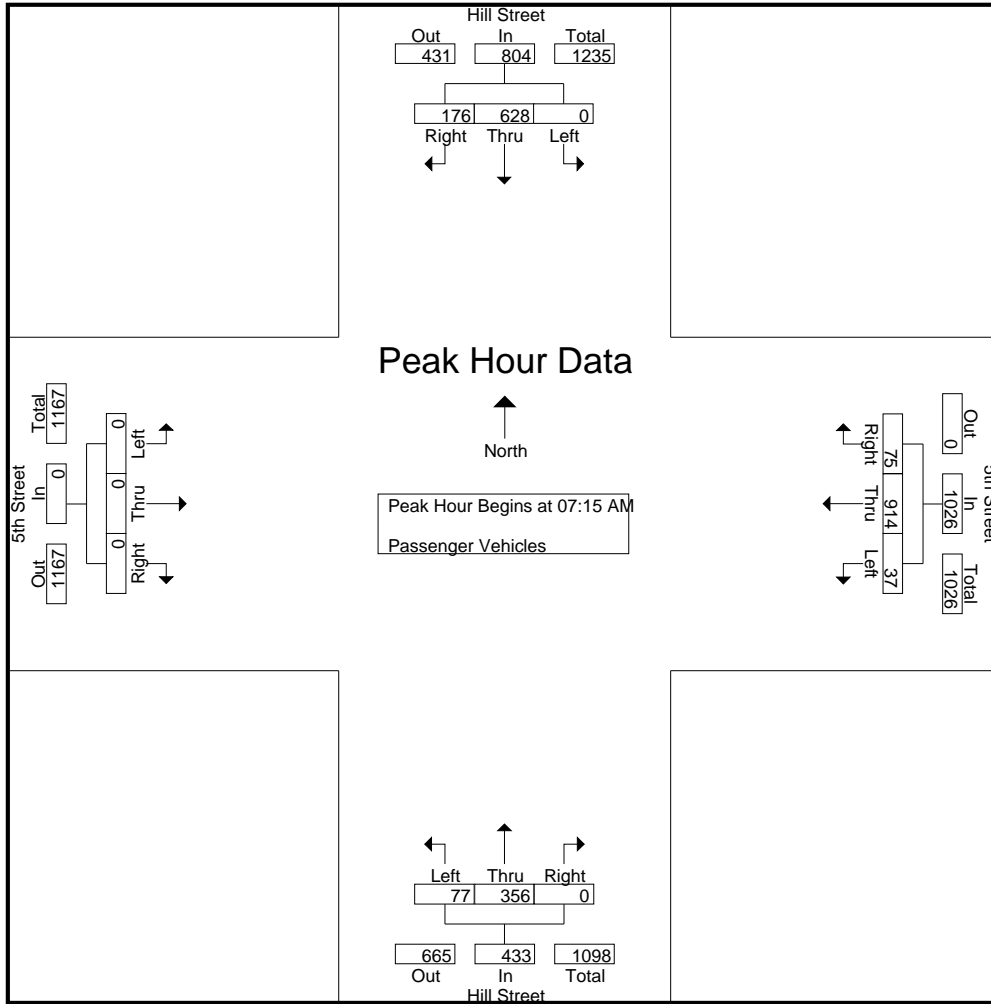
Groups Printed- Passenger Vehicles

Start Time	Hill Street Southbound				5th Street Westbound				Hill Street Northbound				5th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	0	135	37	172	10	193	22	225	9	58	0	67	0	0	0	0	464
07:15 AM	0	154	54	208	13	231	14	258	19	80	0	99	0	0	0	0	565
07:30 AM	0	154	46	200	10	224	22	256	19	74	0	93	0	0	0	0	549
07:45 AM	0	166	34	200	9	241	19	269	24	91	0	115	0	0	0	0	584
Total	0	609	171	780	42	889	77	1008	71	303	0	374	0	0	0	0	2162
08:00 AM	0	154	42	196	5	218	20	243	15	111	0	126	0	0	0	0	565
08:15 AM	0	156	37	193	12	220	20	252	15	79	0	94	0	0	0	0	539
08:30 AM	0	158	55	213	14	210	28	252	18	84	0	102	0	0	0	0	567
08:45 AM	0	171	56	227	6	196	16	218	16	82	0	98	0	0	0	0	543
Total	0	639	190	829	37	844	84	965	64	356	0	420	0	0	0	0	2214
09:00 AM	0	186	64	250	11	193	17	221	14	78	0	92	0	0	0	0	563
09:15 AM	0	176	63	239	25	202	25	252	13	61	0	74	0	0	0	0	565
09:30 AM	0	172	63	235	25	125	16	166	19	69	0	88	0	0	0	0	489
09:45 AM	0	192	44	236	15	153	21	189	15	77	0	92	0	0	0	0	517
Total	0	726	234	960	76	673	79	828	61	285	0	346	0	0	0	0	2134
Grand Total	0	1974	595	2569	155	2406	240	2801	196	944	0	1140	0	0	0	0	6510
Apprch %	0	76.8	23.2		5.5	85.9	8.6		17.2	82.8	0		0	0	0		
Total %	0	30.3	9.1	39.5	2.4	37	3.7	43	3	14.5	0	17.5	0	0	0	0	

Start Time	Hill Street Southbound				5th Street Westbound				Hill Street Northbound				5th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:15 AM to 08:00 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:15 AM																	
07:15 AM	0	154	54	208	13	231	14	258	19	80	0	99	0	0	0	0	565
07:30 AM	0	154	46	200	10	224	22	256	19	74	0	93	0	0	0	0	549
07:45 AM	0	166	34	200	9	241	19	269	24	91	0	115	0	0	0	0	584
08:00 AM	0	154	42	196	5	218	20	243	15	111	0	126	0	0	0	0	565
Total Volume	0	628	176	804	37	914	75	1026	77	356	0	433	0	0	0	0	2263
% App. Total	0	78.1	21.9		3.6	89.1	7.3		17.8	82.2	0		0	0	0		
PHF	.000	.946	.815	.966	.712	.948	.852	.954	.802	.802	.000	.859	.000	.000	.000	.000	.969

City of Los Angeles
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Peak Hour Analysis From 07:15 AM to 08:00 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	07:15 AM				07:15 AM				07:15 AM				07:15 AM			
+0 mins.	0	154	54	208	13	231	14	258	19	80	0	99	0	0	0	0
+15 mins.	0	154	46	200	10	224	22	256	19	74	0	93	0	0	0	0
+30 mins.	0	166	34	200	9	241	19	269	24	91	0	115	0	0	0	0
+45 mins.	0	154	42	196	5	218	20	243	15	111	0	126	0	0	0	0
Total Volume	0	628	176	804	37	914	75	1026	77	356	0	433	0	0	0	0
% App. Total	0	78.1	21.9		3.6	89.1	7.3		17.8	82.2	0		0	0	0	
PHF	.000	.946	.815	.966	.712	.948	.852	.954	.802	.802	.000	.859	.000	.000	.000	.000

City of Los Angeles
 N/S: Hill Street
 E/W: 5th Street
 Weather: Clear

File Name : LACHI5tAM
 Site Code : 20217215
 Start Date : 4/6/2017
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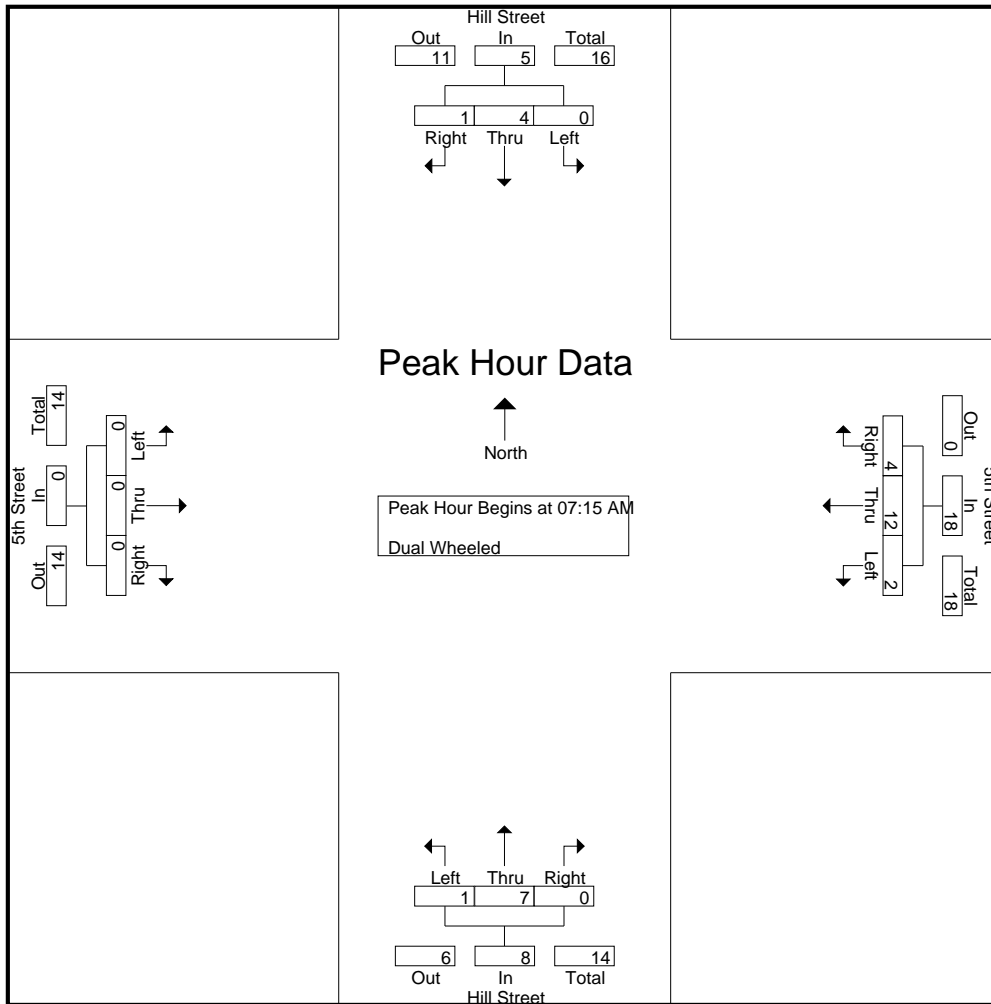
Groups Printed- Dual Wheeled

Start Time	Hill Street Southbound				5th Street Westbound				Hill Street Northbound				5th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	0	2	2	4	1	4	1	6	1	0	0	1	0	0	0	0	11
07:15 AM	0	1	0	1	1	1	1	3	1	2	0	3	0	0	0	0	7
07:30 AM	0	0	0	0	1	2	1	4	0	2	0	2	0	0	0	0	6
07:45 AM	0	2	1	3	0	7	1	8	0	0	0	0	0	0	0	0	11
Total	0	5	3	8	3	14	4	21	2	4	0	6	0	0	0	0	35
08:00 AM	0	1	0	1	0	2	1	3	0	3	0	3	0	0	0	0	7
08:15 AM	0	0	1	1	0	9	0	9	0	0	0	0	0	0	0	0	10
08:30 AM	0	3	1	4	1	3	3	7	1	0	0	1	0	0	0	0	12
08:45 AM	0	0	1	1	0	5	0	5	0	2	0	2	0	0	0	0	8
Total	0	4	3	7	1	19	4	24	1	5	0	6	0	0	0	0	37
09:00 AM	0	1	2	3	1	2	0	3	0	4	0	4	0	0	0	0	10
09:15 AM	0	2	1	3	1	5	1	7	0	1	0	1	0	0	0	0	11
09:30 AM	0	2	2	4	0	7	0	7	0	2	0	2	0	0	0	0	13
09:45 AM	0	1	3	4	1	3	1	5	1	2	0	3	0	0	0	0	12
Total	0	6	8	14	3	17	2	22	1	9	0	10	0	0	0	0	46
Grand Total	0	15	14	29	7	50	10	67	4	18	0	22	0	0	0	0	118
Apprch %	0	51.7	48.3		10.4	74.6	14.9		18.2	81.8	0		0	0	0		
Total %	0	12.7	11.9	24.6	5.9	42.4	8.5	56.8	3.4	15.3	0	18.6	0	0	0	0	

Start Time	Hill Street Southbound				5th Street Westbound				Hill Street Northbound				5th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:15 AM to 08:00 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:15 AM																	
07:15 AM	0	1	0	1	1	1	1	3	1	2	0	3	0	0	0	0	7
07:30 AM	0	0	0	0	1	2	1	4	0	2	0	2	0	0	0	0	6
07:45 AM	0	2	1	3	0	7	1	8	0	0	0	0	0	0	0	0	11
08:00 AM	0	1	0	1	0	2	1	3	0	3	0	3	0	0	0	0	7
Total Volume	0	4	1	5	2	12	4	18	1	7	0	8	0	0	0	0	31
% App. Total	0	80	20		11.1	66.7	22.2		12.5	87.5	0		0	0	0		
PHF	.000	.500	.250	.417	.500	.429	1.00	.563	.250	.583	.000	.667	.000	.000	.000	.000	.705

City of Los Angeles
 N/S: Hill Street
 E/W: 5th Street
 Weather: Clear

File Name : LACHI5tAM
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Peak Hour Analysis From 07:15 AM to 08:00 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	07:15 AM				07:15 AM				07:15 AM				07:15 AM			
+0 mins.	0	1	0	1	1	1	1	3	1	2	0	3	0	0	0	0
+15 mins.	0	0	0	0	1	2	1	4	0	2	0	2	0	0	0	0
+30 mins.	0	2	1	3	0	7	1	8	0	0	0	0	0	0	0	0
+45 mins.	0	1	0	1	0	2	1	3	0	3	0	3	0	0	0	0
Total Volume	0	4	1	5	2	12	4	18	1	7	0	8	0	0	0	0
% App. Total	0	80	20		11.1	66.7	22.2		12.5	87.5	0		0	0	0	
PHF	.000	.500	.250	.417	.500	.429	1.000	.563	.250	.583	.000	.667	.000	.000	.000	.000

City of Los Angeles
 N/S: Hill Street
 E/W: 5th Street
 Weather: Clear

File Name : LACHI5tAM
 Site Code : 20217215
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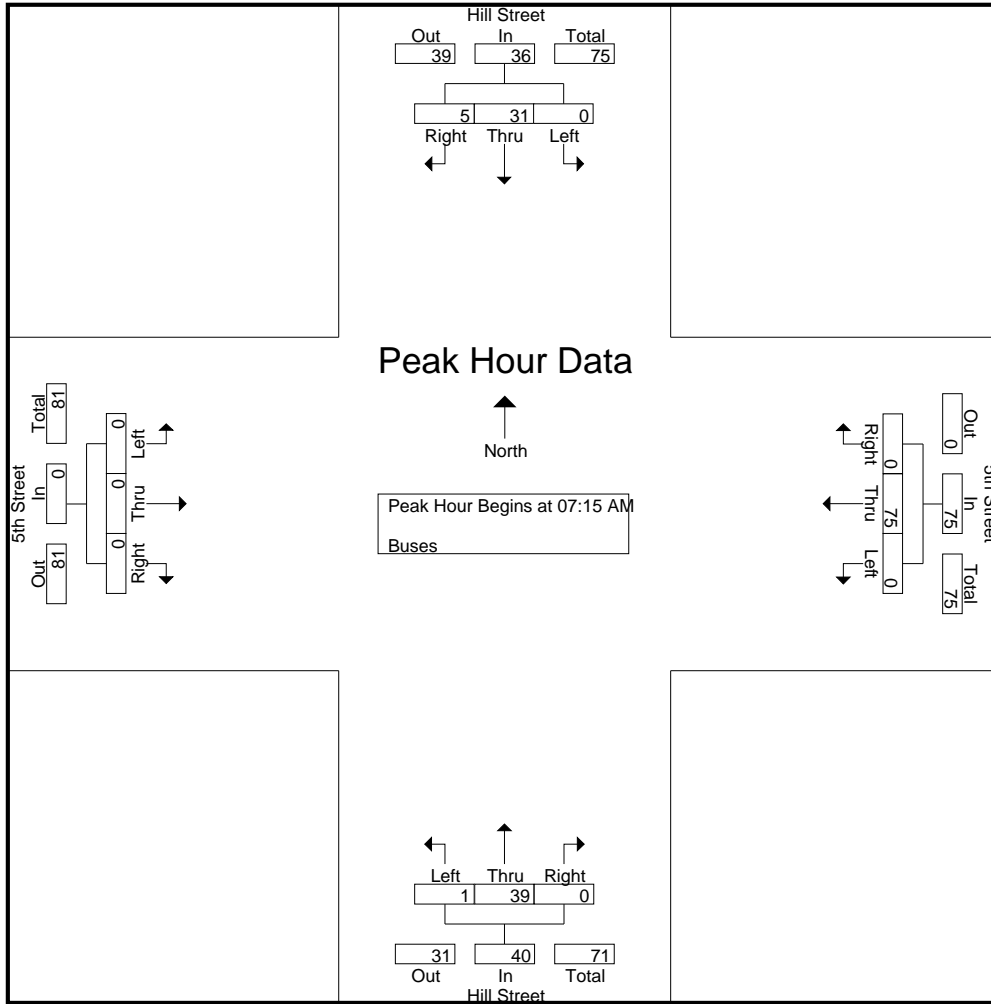
Groups Printed- Buses

Start Time	Hill Street Southbound				5th Street Westbound				Hill Street Northbound				5th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	0	9	1	10	0	20	0	20	1	9	0	10	0	0	0	0	40
07:15 AM	0	7	1	8	0	23	0	23	0	10	0	10	0	0	0	0	41
07:30 AM	0	7	3	10	0	16	0	16	0	10	0	10	0	0	0	0	36
07:45 AM	0	8	1	9	0	10	0	10	1	8	0	9	0	0	0	0	28
Total	0	31	6	37	0	69	0	69	2	37	0	39	0	0	0	0	145
08:00 AM	0	9	0	9	0	26	0	26	0	11	0	11	0	0	0	0	46
08:15 AM	0	11	3	14	0	8	0	8	1	8	0	9	0	0	0	0	31
08:30 AM	0	7	1	8	0	21	0	21	0	7	0	7	0	0	0	0	36
08:45 AM	0	10	3	13	0	10	0	10	1	6	0	7	0	0	0	0	30
Total	0	37	7	44	0	65	0	65	2	32	0	34	0	0	0	0	143
09:00 AM	0	4	1	5	0	15	0	15	0	6	0	6	0	0	0	0	26
09:15 AM	0	9	2	11	0	9	0	9	1	6	0	7	0	0	0	0	27
09:30 AM	0	5	2	7	0	8	0	8	0	8	0	8	0	0	0	0	23
09:45 AM	0	5	1	6	0	7	0	7	1	5	0	6	0	0	0	0	19
Total	0	23	6	29	0	39	0	39	2	25	0	27	0	0	0	0	95
Grand Total	0	91	19	110	0	173	0	173	6	94	0	100	0	0	0	0	383
Apprch %	0	82.7	17.3		0	100	0		6	94	0		0	0	0		
Total %	0	23.8	5	28.7	0	45.2	0	45.2	1.6	24.5	0	26.1	0	0	0	0	

Start Time	Hill Street Southbound				5th Street Westbound				Hill Street Northbound				5th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:15 AM to 08:00 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:15 AM																	
07:15 AM	0	7	1	8	0	23	0	23	0	10	0	10	0	0	0	0	41
07:30 AM	0	7	3	10	0	16	0	16	0	10	0	10	0	0	0	0	36
07:45 AM	0	8	1	9	0	10	0	10	1	8	0	9	0	0	0	0	28
08:00 AM	0	9	0	9	0	26	0	26	0	11	0	11	0	0	0	0	46
Total Volume	0	31	5	36	0	75	0	75	1	39	0	40	0	0	0	0	151
% App. Total	0	86.1	13.9		0	100	0		2.5	97.5	0		0	0	0		
PHF	.000	.861	.417	.900	.000	.721	.000	.721	.250	.886	.000	.909	.000	.000	.000	.000	.821

City of Los Angeles
 N/S: Hill Street
 E/W: 5th Street
 Weather: Clear

File Name : LACHI5tAM
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Peak Hour Analysis From 07:15 AM to 08:00 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	07:15 AM				07:15 AM				07:15 AM				07:15 AM			
+0 mins.	0	7	1	8	0	23	0	23	0	10	0	10	0	0	0	0
+15 mins.	0	7	3	10	0	16	0	16	0	10	0	10	0	0	0	0
+30 mins.	0	8	1	9	0	10	0	10	1	8	0	9	0	0	0	0
+45 mins.	0	9	0	9	0	26	0	26	0	11	0	11	0	0	0	0
Total Volume	0	31	5	36	0	75	0	75	1	39	0	40	0	0	0	0
% App. Total	0	86.1	13.9		0	100	0		2.5	97.5	0		0	0	0	
PHF	.000	.861	.417	.900	.000	.721	.000	.721	.250	.886	.000	.909	.000	.000	.000	.000

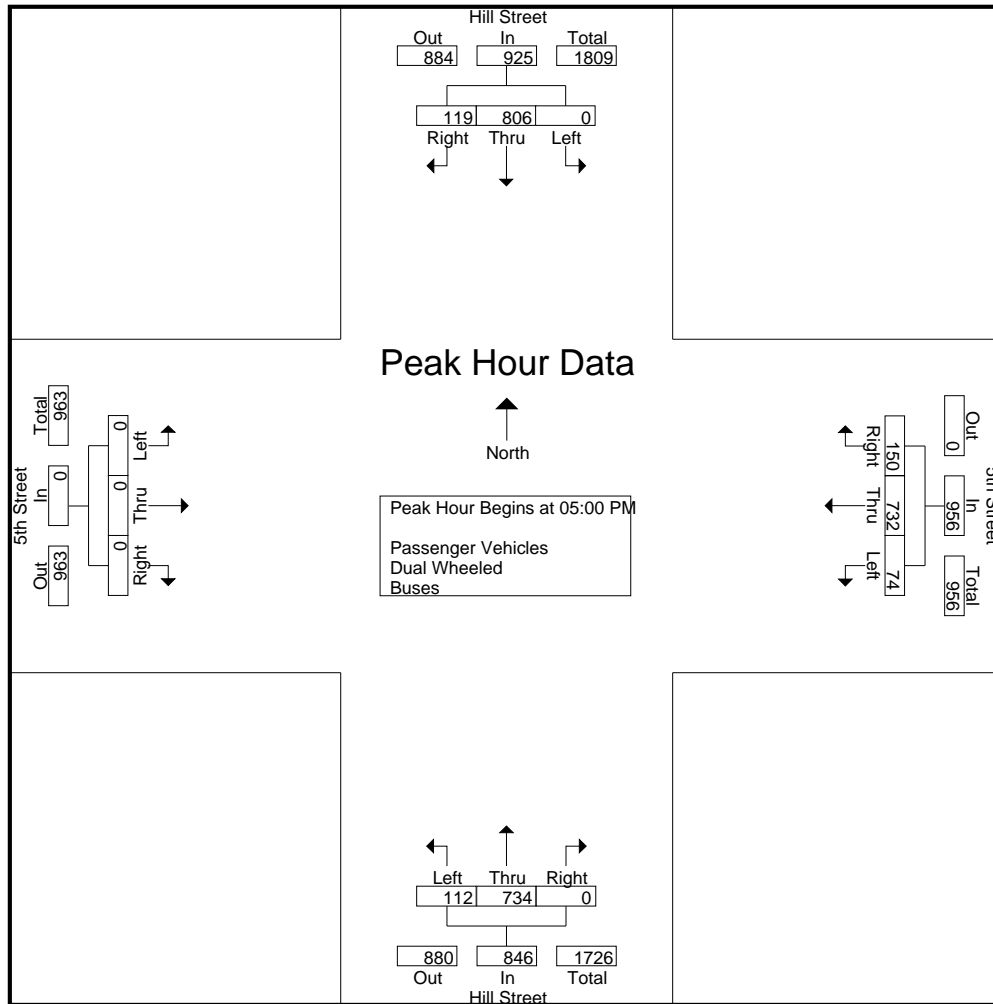
City of Los Angeles
 N/S: Hill Street
 E/W: 5th Street
 Weather: Clear

File Name : LACHI5tPM
 Site Code : 20217215
 Start Date : 4/6/2017
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Groups Printed- Passenger Vehicles - Dual Wheeled - Buses

Start Time	Hill Street Southbound				5th Street Westbound				Hill Street Northbound				5th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
03:00 PM	0	183	44	227	11	127	15	153	24	122	0	146	0	0	0	0	526
03:15 PM	0	165	38	203	15	133	49	197	19	121	0	140	0	0	0	0	540
03:30 PM	0	185	41	226	23	155	28	206	13	120	0	133	0	0	0	0	565
03:45 PM	0	199	36	235	36	147	25	208	21	163	0	184	0	0	0	0	627
Total	0	732	159	891	85	562	117	764	77	526	0	603	0	0	0	0	2258
04:00 PM	0	168	33	201	12	161	31	204	15	146	0	161	0	0	0	0	566
04:15 PM	0	223	34	257	17	146	34	197	23	168	0	191	0	0	0	0	645
04:30 PM	0	194	30	224	19	146	28	193	27	125	0	152	0	0	0	0	569
04:45 PM	0	239	43	282	22	171	38	231	23	162	0	185	0	0	0	0	698
Total	0	824	140	964	70	624	131	825	88	601	0	689	0	0	0	0	2478
05:00 PM	0	216	25	241	21	176	48	245	26	200	0	226	0	0	0	0	712
05:15 PM	0	204	30	234	20	175	39	234	29	175	0	204	0	0	0	0	672
05:30 PM	0	174	30	204	11	168	33	212	26	164	0	190	0	0	0	0	606
05:45 PM	0	212	34	246	22	213	30	265	31	195	0	226	0	0	0	0	737
Total	0	806	119	925	74	732	150	956	112	734	0	846	0	0	0	0	2727
Grand Total	0	2362	418	2780	229	1918	398	2545	277	1861	0	2138	0	0	0	0	7463
Apprch %	0	85	15		9	75.4	15.6		13	87	0		0	0	0		
Total %	0	31.6	5.6	37.3	3.1	25.7	5.3	34.1	3.7	24.9	0	28.6	0	0	0	0	
Passenger Vehicles	0	2248	391	2639	221	1769	391	2381	269	1742	0	2011	0	0	0	0	7031
% Passenger Vehicles	0	95.2	93.5	94.9	96.5	92.2	98.2	93.6	97.1	93.6	0	94.1	0	0	0	0	94.2
Dual Wheeled	0	15	5	20	8	20	4	32	2	10	0	12	0	0	0	0	64
% Dual Wheeled	0	0.6	1.2	0.7	3.5	1	1	1.3	0.7	0.5	0	0.6	0	0	0	0	0.9
Buses	0	99	22	121	0	129	3	132	6	109	0	115	0	0	0	0	368
% Buses	0	4.2	5.3	4.4	0	6.7	0.8	5.2	2.2	5.9	0	5.4	0	0	0	0	4.9

Start Time	Hill Street Southbound				5th Street Westbound				Hill Street Northbound				5th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	216	25	241	21	176	48	245	26	200	0	226	0	0	0	0	712
05:15 PM	0	204	30	234	20	175	39	234	29	175	0	204	0	0	0	0	672
05:30 PM	0	174	30	204	11	168	33	212	26	164	0	190	0	0	0	0	606
05:45 PM	0	212	34	246	22	213	30	265	31	195	0	226	0	0	0	0	737
Total Volume	0	806	119	925	74	732	150	956	112	734	0	846	0	0	0	0	2727
% App. Total	0	87.1	12.9		7.7	76.6	15.7		13.2	86.8	0		0	0	0		
PHF	.000	.933	.875	.940	.841	.859	.781	.902	.903	.918	.000	.936	.000	.000	.000	.000	.925



Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	04:15 PM				05:00 PM				05:00 PM				03:00 PM			
+0 mins.	0	223	34	257	21	176	48	245	26	200	0	226	0	0	0	0
+15 mins.	0	194	30	224	20	175	39	234	29	175	0	204	0	0	0	0
+30 mins.	0	239	43	282	11	168	33	212	26	164	0	190	0	0	0	0
+45 mins.	0	216	25	241	22	213	30	265	31	195	0	226	0	0	0	0
Total Volume	0	872	132	1004	74	732	150	956	112	734	0	846	0	0	0	0
% App. Total	0	86.9	13.1		7.7	76.6	15.7		13.2	86.8	0		0	0	0	
PHF	.000	.912	.767	.890	.841	.859	.781	.902	.903	.918	.000	.936	.000	.000	.000	.000

City of Los Angeles
 N/S: Hill Street
 E/W: 5th Street
 Weather: Clear

File Name : LACHI5tPM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

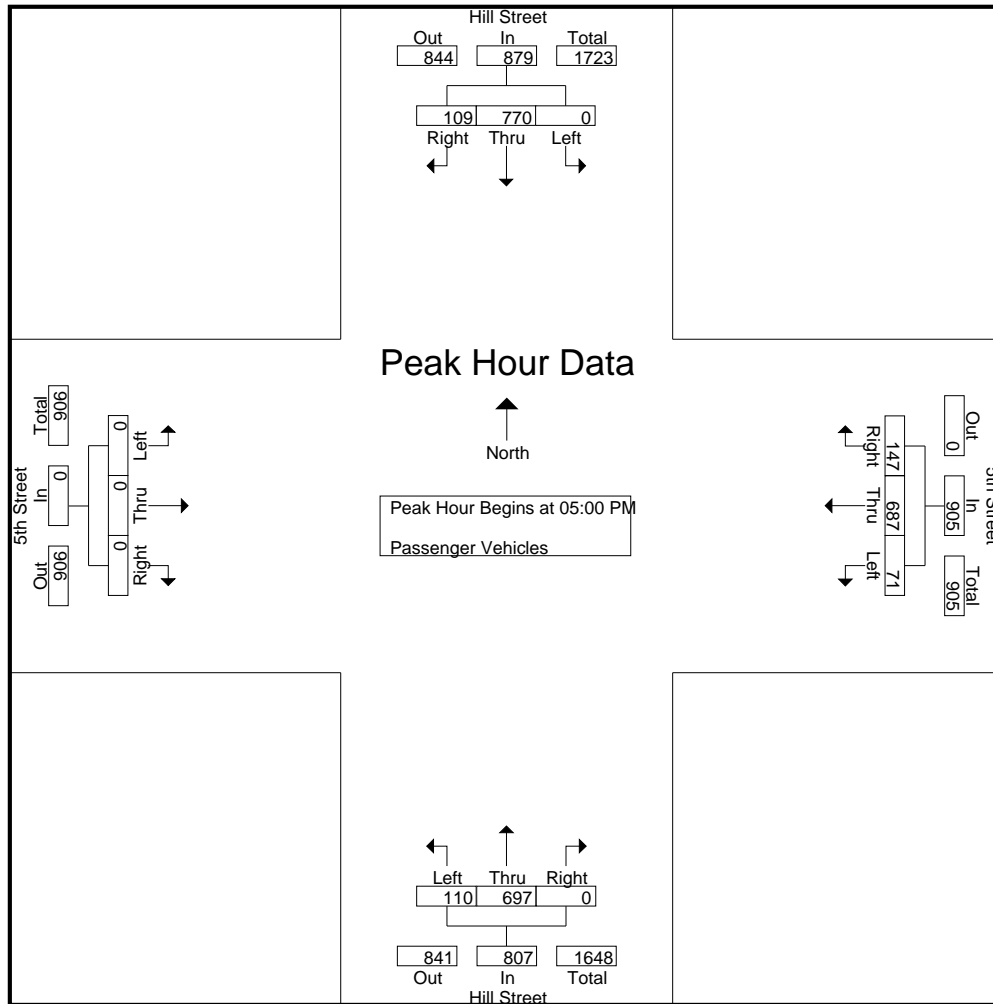
Groups Printed- Passenger Vehicles

Start Time	Hill Street Southbound				5th Street Westbound				Hill Street Northbound				5th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
03:00 PM	0	175	42	217	11	115	15	141	23	110	0	133	0	0	0	0	491
03:15 PM	0	157	38	195	15	116	49	180	19	112	0	131	0	0	0	0	506
03:30 PM	0	175	36	211	20	141	26	187	10	113	0	123	0	0	0	0	521
03:45 PM	0	188	35	223	34	135	25	194	21	153	0	174	0	0	0	0	591
Total	0	695	151	846	80	507	115	702	73	488	0	561	0	0	0	0	2109
04:00 PM	0	159	31	190	12	150	31	193	15	134	0	149	0	0	0	0	532
04:15 PM	0	213	33	246	17	131	34	182	22	155	0	177	0	0	0	0	605
04:30 PM	0	183	26	209	19	135	28	182	27	117	0	144	0	0	0	0	535
04:45 PM	0	228	41	269	22	159	36	217	22	151	0	173	0	0	0	0	659
Total	0	783	131	914	70	575	129	774	86	557	0	643	0	0	0	0	2331
05:00 PM	0	204	22	226	21	161	46	228	26	192	0	218	0	0	0	0	672
05:15 PM	0	193	26	219	20	164	39	223	28	165	0	193	0	0	0	0	635
05:30 PM	0	169	27	196	10	159	33	202	25	156	0	181	0	0	0	0	579
05:45 PM	0	204	34	238	20	203	29	252	31	184	0	215	0	0	0	0	705
Total	0	770	109	879	71	687	147	905	110	697	0	807	0	0	0	0	2591
Grand Total	0	2248	391	2639	221	1769	391	2381	269	1742	0	2011	0	0	0	0	7031
Apprch %	0	85.2	14.8		9.3	74.3	16.4		13.4	86.6	0		0	0	0		
Total %	0	32	5.6	37.5	3.1	25.2	5.6	33.9	3.8	24.8	0	28.6	0	0	0	0	

Start Time	Hill Street Southbound				5th Street Westbound				Hill Street Northbound				5th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	204	22	226	21	161	46	228	26	192	0	218	0	0	0	0	672
05:15 PM	0	193	26	219	20	164	39	223	28	165	0	193	0	0	0	0	635
05:30 PM	0	169	27	196	10	159	33	202	25	156	0	181	0	0	0	0	579
05:45 PM	0	204	34	238	20	203	29	252	31	184	0	215	0	0	0	0	705
Total Volume	0	770	109	879	71	687	147	905	110	697	0	807	0	0	0	0	2591
% App. Total	0	87.6	12.4		7.8	75.9	16.2		13.6	86.4	0		0	0	0		
PHF	.000	.944	.801	.923	.845	.846	.799	.898	.887	.908	.000	.925	.000	.000	.000	.000	.919

City of Los Angeles
 N/S: Hill Street
 E/W: 5th Street
 Weather: Clear

File Name : LACHI5tPM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 2

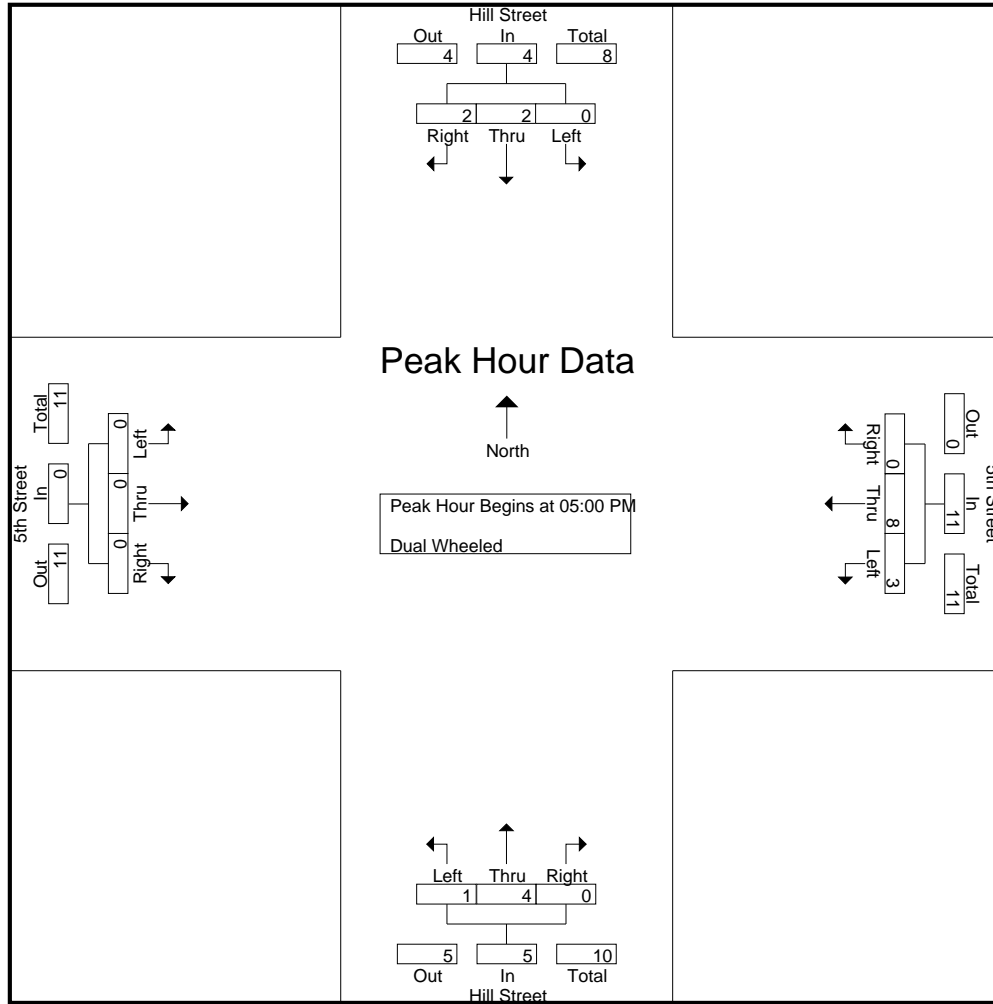


Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	05:00 PM				05:00 PM				05:00 PM				05:00 PM			
+0 mins.	0	204	22	226	21	161	46	228	26	192	0	218	0	0	0	0
+15 mins.	0	193	26	219	20	164	39	223	28	165	0	193	0	0	0	0
+30 mins.	0	169	27	196	10	159	33	202	25	156	0	181	0	0	0	0
+45 mins.	0	204	34	238	20	203	29	252	31	184	0	215	0	0	0	0
Total Volume	0	770	109	879	71	687	147	905	110	697	0	807	0	0	0	0
% App. Total	0	87.6	12.4		7.8	75.9	16.2		13.6	86.4	0		0	0	0	
PHF	.000	.944	.801	.923	.845	.846	.799	.898	.887	.908	.000	.925	.000	.000	.000	.000

City of Los Angeles
 N/S: Hill Street
 E/W: 5th Street
 Weather: Clear

File Name : LACHI5tPM
 Site Code : 20217215
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Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	05:00 PM				05:00 PM				05:00 PM				05:00 PM			
+0 mins.	0	2	1	3	0	1	0	1	0	1	0	1	0	0	0	0
+15 mins.	0	0	1	1	0	1	0	1	1	1	0	2	0	0	0	0
+30 mins.	0	0	0	0	1	2	0	3	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	2	4	0	6	0	2	0	2	0	0	0	0
Total Volume	0	2	2	4	3	8	0	11	1	4	0	5	0	0	0	0
% App. Total	0	50	50		27.3	72.7	0		20	80	0		0	0	0	
PHF	.000	.250	.500	.333	.375	.500	.000	.458	.250	.500	.000	.625	.000	.000	.000	.000

City of Los Angeles
 N/S: Hill Street
 E/W: 5th Street
 Weather: Clear

File Name : LACHI5tPM
 Site Code : 20217215
 Start Date : 4/6/2017
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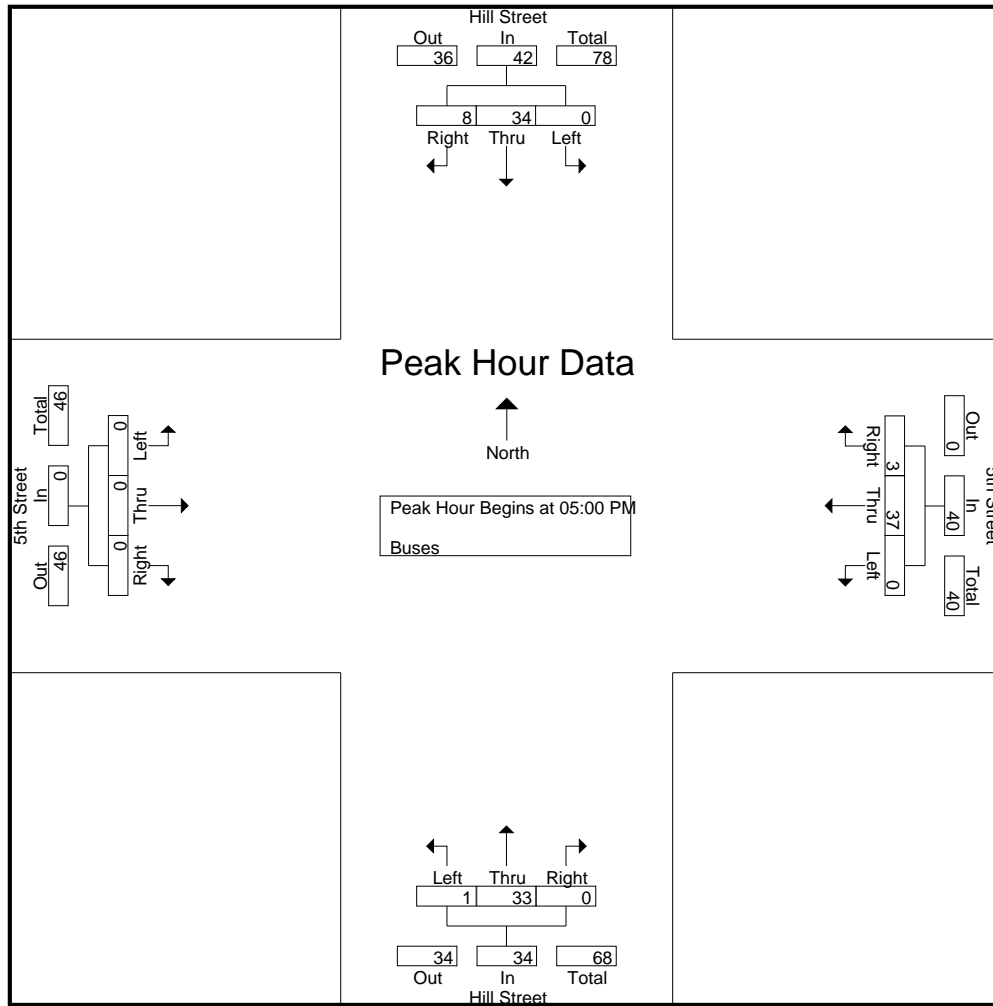
Groups Printed- Buses

Start Time	Hill Street Southbound				5th Street Westbound				Hill Street Northbound				5th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
03:00 PM	0	7	2	9	0	11	0	11	1	11	0	12	0	0	0	0	32
03:15 PM	0	5	0	5	0	15	0	15	0	7	0	7	0	0	0	0	27
03:30 PM	0	10	4	14	0	11	0	11	2	6	0	8	0	0	0	0	33
03:45 PM	0	8	0	8	0	11	0	11	0	10	0	10	0	0	0	0	29
Total	0	30	6	36	0	48	0	48	3	34	0	37	0	0	0	0	121
04:00 PM	0	7	2	9	0	11	0	11	0	11	0	11	0	0	0	0	31
04:15 PM	0	10	1	11	0	12	0	12	1	13	0	14	0	0	0	0	37
04:30 PM	0	9	3	12	0	11	0	11	0	8	0	8	0	0	0	0	31
04:45 PM	0	9	2	11	0	10	0	10	1	10	0	11	0	0	0	0	32
Total	0	35	8	43	0	44	0	44	2	42	0	44	0	0	0	0	131
05:00 PM	0	10	2	12	0	14	2	16	0	7	0	7	0	0	0	0	35
05:15 PM	0	11	3	14	0	10	0	10	0	9	0	9	0	0	0	0	33
05:30 PM	0	5	3	8	0	7	0	7	1	8	0	9	0	0	0	0	24
05:45 PM	0	8	0	8	0	6	1	7	0	9	0	9	0	0	0	0	24
Total	0	34	8	42	0	37	3	40	1	33	0	34	0	0	0	0	116
Grand Total	0	99	22	121	0	129	3	132	6	109	0	115	0	0	0	0	368
Apprch %	0	81.8	18.2		0	97.7	2.3		5.2	94.8	0		0	0	0		
Total %	0	26.9	6	32.9	0	35.1	0.8	35.9	1.6	29.6	0	31.2	0	0	0	0	

Start Time	Hill Street Southbound				5th Street Westbound				Hill Street Northbound				5th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	10	2	12	0	14	2	16	0	7	0	7	0	0	0	0	35
05:15 PM	0	11	3	14	0	10	0	10	0	9	0	9	0	0	0	0	33
05:30 PM	0	5	3	8	0	7	0	7	1	8	0	9	0	0	0	0	24
05:45 PM	0	8	0	8	0	6	1	7	0	9	0	9	0	0	0	0	24
Total Volume	0	34	8	42	0	37	3	40	1	33	0	34	0	0	0	0	116
% App. Total	0	81	19		0	92.5	7.5		2.9	97.1	0		0	0	0		
PHF	.000	.773	.667	.750	.000	.661	.375	.625	.250	.917	.000	.944	.000	.000	.000	.000	.829

City of Los Angeles
 N/S: Hill Street
 E/W: 5th Street
 Weather: Clear

File Name : LACHI5tPM
 Site Code : 20217215
 Start Date : 4/6/2017
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Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	05:00 PM				05:00 PM				05:00 PM				05:00 PM			
+0 mins.	0	10	2	12	0	14	2	16	0	7	0	7	0	0	0	0
+15 mins.	0	11	3	14	0	10	0	10	0	9	0	9	0	0	0	0
+30 mins.	0	5	3	8	0	7	0	7	1	8	0	9	0	0	0	0
+45 mins.	0	8	0	8	0	6	1	7	0	9	0	9	0	0	0	0
Total Volume	0	34	8	42	0	37	3	40	1	33	0	34	0	0	0	0
% App. Total	0	81	19		0	92.5	7.5		2.9	97.1	0		0	0	0	
PHF	.000	.773	.667	.750	.000	.661	.375	.625	.250	.917	.000	.944	.000	.000	.000	.000

City of Los Angeles
 N/S: Broadway
 E/W: 5th Street
 Weather: Clear

File Name : LACBR5tAM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

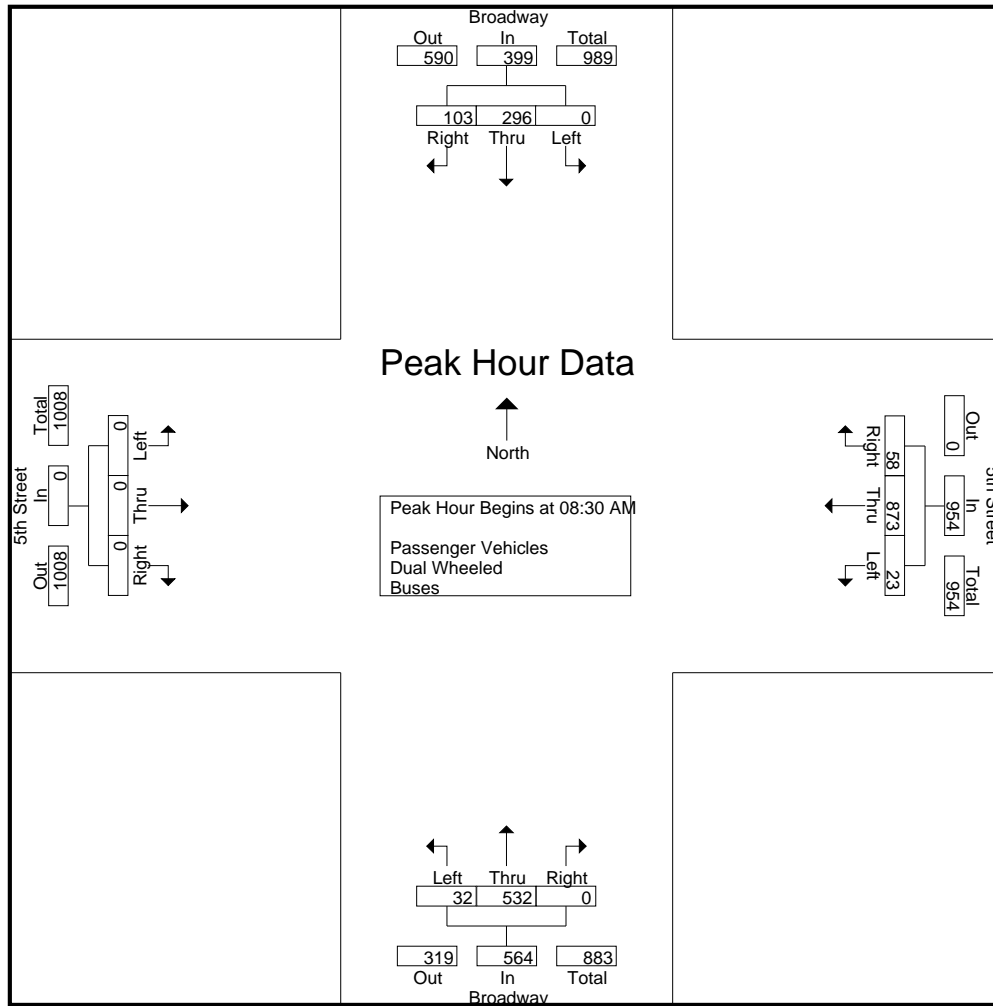
Groups Printed- Passenger Vehicles - Dual Wheeled - Buses

Start Time	Broadway Southbound				5th Street Westbound				Broadway Northbound				5th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	0	59	20	79	3	215	8	226	13	85	0	98	0	0	0	0	403
07:15 AM	0	70	8	78	4	258	16	278	6	114	0	120	0	0	0	0	476
07:30 AM	0	54	16	70	7	252	16	275	6	114	0	120	0	0	0	0	465
07:45 AM	0	50	19	69	6	271	19	296	10	144	0	154	0	0	0	0	519
Total	0	233	63	296	20	996	59	1075	35	457	0	492	0	0	0	0	1863
08:00 AM	0	61	19	80	4	221	16	241	4	116	0	120	0	0	0	0	441
08:15 AM	0	72	26	98	2	204	17	223	11	122	0	133	0	0	0	0	454
08:30 AM	0	64	28	92	6	220	14	240	5	130	0	135	0	0	0	0	467
08:45 AM	0	64	19	83	4	215	22	241	9	135	0	144	0	0	0	0	468
Total	0	261	92	353	16	860	69	945	29	503	0	532	0	0	0	0	1830
09:00 AM	0	72	26	98	9	225	14	248	11	152	0	163	0	0	0	0	509
09:15 AM	0	96	30	126	4	213	8	225	7	115	0	122	0	0	0	0	473
09:30 AM	0	62	27	89	6	131	18	155	7	92	0	99	0	0	0	0	343
09:45 AM	0	95	33	128	2	129	17	148	7	112	0	119	0	0	0	0	395
Total	0	325	116	441	21	698	57	776	32	471	0	503	0	0	0	0	1720
Grand Total	0	819	271	1090	57	2554	185	2796	96	1431	0	1527	0	0	0	0	5413
Apprch %	0	75.1	24.9		2	91.3	6.6		6.3	93.7	0		0	0	0		
Total %	0	15.1	5	20.1	1.1	47.2	3.4	51.7	1.8	26.4	0	28.2	0	0	0	0	
Passenger Vehicles	0	779	258	1037	54	2338	173	2565	94	1245	0	1339	0	0	0	0	4941
% Passenger Vehicles	0	95.1	95.2	95.1	94.7	91.5	93.5	91.7	97.9	87	0	87.7	0	0	0	0	91.3
Dual Wheeled	0	38	13	51	3	47	11	61	2	69	0	71	0	0	0	0	183
% Dual Wheeled	0	4.6	4.8	4.7	5.3	1.8	5.9	2.2	2.1	4.8	0	4.6	0	0	0	0	3.4
Buses	0	2	0	2	0	169	1	170	0	117	0	117	0	0	0	0	289
% Buses	0	0.2	0	0.2	0	6.6	0.5	6.1	0	8.2	0	7.7	0	0	0	0	5.3

Start Time	Broadway Southbound				5th Street Westbound				Broadway Northbound				5th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:30 AM																	
08:30 AM	0	64	28	92	6	220	14	240	5	130	0	135	0	0	0	0	467
08:45 AM	0	64	19	83	4	215	22	241	9	135	0	144	0	0	0	0	468
09:00 AM	0	72	26	98	9	225	14	248	11	152	0	163	0	0	0	0	509
09:15 AM	0	96	30	126	4	213	8	225	7	115	0	122	0	0	0	0	473
Total Volume	0	296	103	399	23	873	58	954	32	532	0	564	0	0	0	0	1917
% App. Total	0	74.2	25.8		2.4	91.5	6.1		5.7	94.3	0		0	0	0		
PHF	.000	.771	.858	.792	.639	.970	.659	.962	.727	.875	.000	.865	.000	.000	.000	.000	.942

City of Los Angeles
 N/S: Broadway
 E/W: 5th Street
 Weather: Clear

File Name : LACBR5tAM
 Site Code : 20217215
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Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	09:00 AM				07:15 AM				08:15 AM				07:00 AM			
+0 mins.	0	72	26	98	4	258	16	278	11	122	0	133	0	0	0	0
+15 mins.	0	96	30	126	7	252	16	275	5	130	0	135	0	0	0	0
+30 mins.	0	62	27	89	6	271	19	296	9	135	0	144	0	0	0	0
+45 mins.	0	95	33	128	4	221	16	241	11	152	0	163	0	0	0	0
Total Volume	0	325	116	441	21	1002	67	1090	36	539	0	575	0	0	0	0
% App. Total	0	73.7	26.3		1.9	91.9	6.1		6.3	93.7	0		0	0	0	
PHF	.000	.846	.879	.861	.750	.924	.882	.921	.818	.887	.000	.882	.000	.000	.000	.000

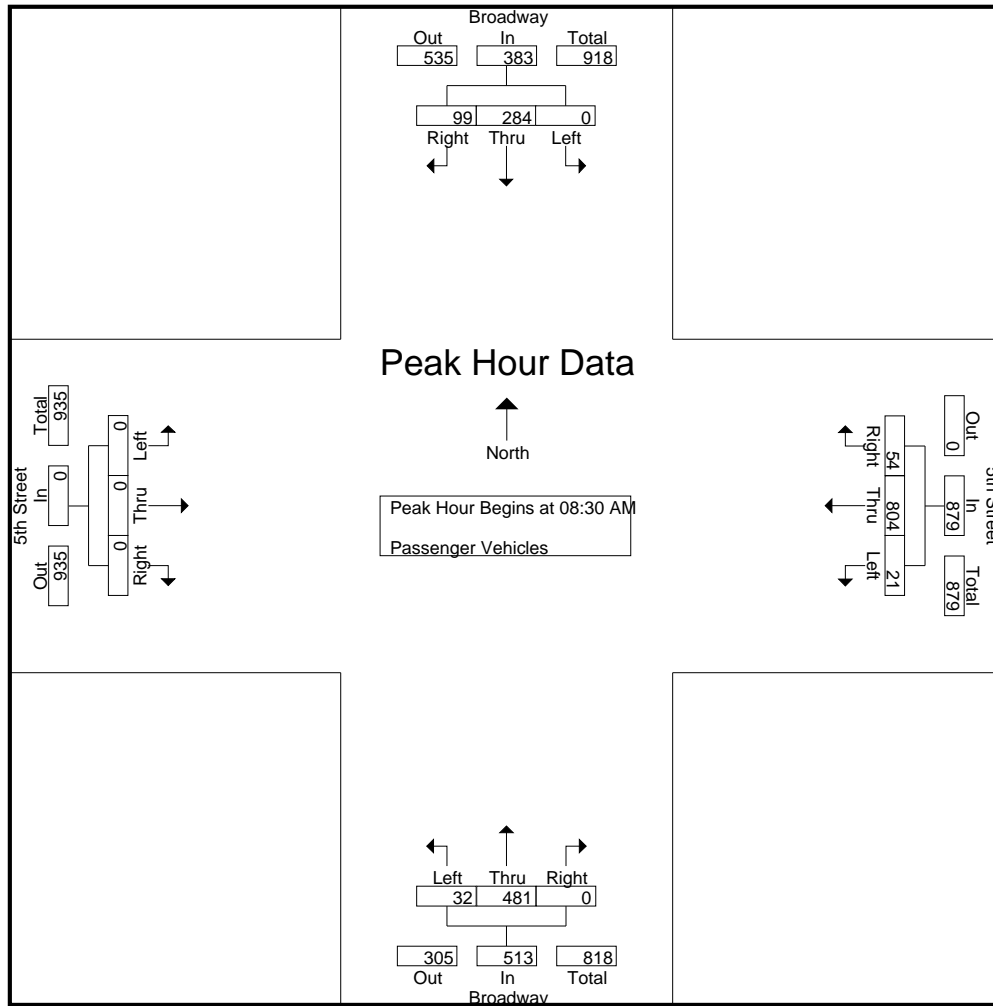
City of Los Angeles
 N/S: Broadway
 E/W: 5th Street
 Weather: Clear

File Name : LACBR5tAM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

Groups Printed- Passenger Vehicles

Start Time	Broadway Southbound				5th Street Westbound				Broadway Northbound				5th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	0	54	20	74	3	188	8	199	13	66	0	79	0	0	0	0	352
07:15 AM	0	66	8	74	4	230	15	249	5	95	0	100	0	0	0	0	423
07:30 AM	0	50	14	64	7	234	15	256	6	92	0	98	0	0	0	0	418
07:45 AM	0	47	18	65	6	258	18	282	10	127	0	137	0	0	0	0	484
Total	0	217	60	277	20	910	56	986	34	380	0	414	0	0	0	0	1677
08:00 AM	0	60	16	76	4	196	14	214	4	101	0	105	0	0	0	0	395
08:15 AM	0	68	26	94	2	191	17	210	11	104	0	115	0	0	0	0	419
08:30 AM	0	61	27	88	6	198	14	218	5	116	0	121	0	0	0	0	427
08:45 AM	0	63	19	82	3	198	21	222	9	122	0	131	0	0	0	0	435
Total	0	252	88	340	15	783	66	864	29	443	0	472	0	0	0	0	1676
09:00 AM	0	69	23	92	8	208	11	227	11	139	0	150	0	0	0	0	469
09:15 AM	0	91	30	121	4	200	8	212	7	104	0	111	0	0	0	0	444
09:30 AM	0	62	25	87	5	117	16	138	6	81	0	87	0	0	0	0	312
09:45 AM	0	88	32	120	2	120	16	138	7	98	0	105	0	0	0	0	363
Total	0	310	110	420	19	645	51	715	31	422	0	453	0	0	0	0	1588
Grand Total	0	779	258	1037	54	2338	173	2565	94	1245	0	1339	0	0	0	0	4941
Apprch %	0	75.1	24.9		2.1	91.2	6.7		7	93	0		0	0	0		
Total %	0	15.8	5.2	21	1.1	47.3	3.5	51.9	1.9	25.2	0	27.1	0	0	0	0	

Start Time	Broadway Southbound				5th Street Westbound				Broadway Northbound				5th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 08:30 AM to 09:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:30 AM																	
08:30 AM	0	61	27	88	6	198	14	218	5	116	0	121	0	0	0	0	427
08:45 AM	0	63	19	82	3	198	21	222	9	122	0	131	0	0	0	0	435
09:00 AM	0	69	23	92	8	208	11	227	11	139	0	150	0	0	0	0	469
09:15 AM	0	91	30	121	4	200	8	212	7	104	0	111	0	0	0	0	444
Total Volume	0	284	99	383	21	804	54	879	32	481	0	513	0	0	0	0	1775
% App. Total	0	74.2	25.8		2.4	91.5	6.1		6.2	93.8	0		0	0	0		
PHF	.000	.780	.825	.791	.656	.966	.643	.968	.727	.865	.000	.855	.000	.000	.000	.000	.946



Peak Hour Analysis From 08:30 AM to 09:15 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	08:30 AM				08:30 AM				08:30 AM				08:30 AM			
+0 mins.	0	61	27	88	6	198	14	218	5	116	0	121	0	0	0	0
+15 mins.	0	63	19	82	3	198	21	222	9	122	0	131	0	0	0	0
+30 mins.	0	69	23	92	8	208	11	227	11	139	0	150	0	0	0	0
+45 mins.	0	91	30	121	4	200	8	212	7	104	0	111	0	0	0	0
Total Volume	0	284	99	383	21	804	54	879	32	481	0	513	0	0	0	0
% App. Total	0	74.2	25.8		2.4	91.5	6.1		6.2	93.8	0		0	0	0	
PHF	.000	.780	.825	.791	.656	.966	.643	.968	.727	.865	.000	.855	.000	.000	.000	.000

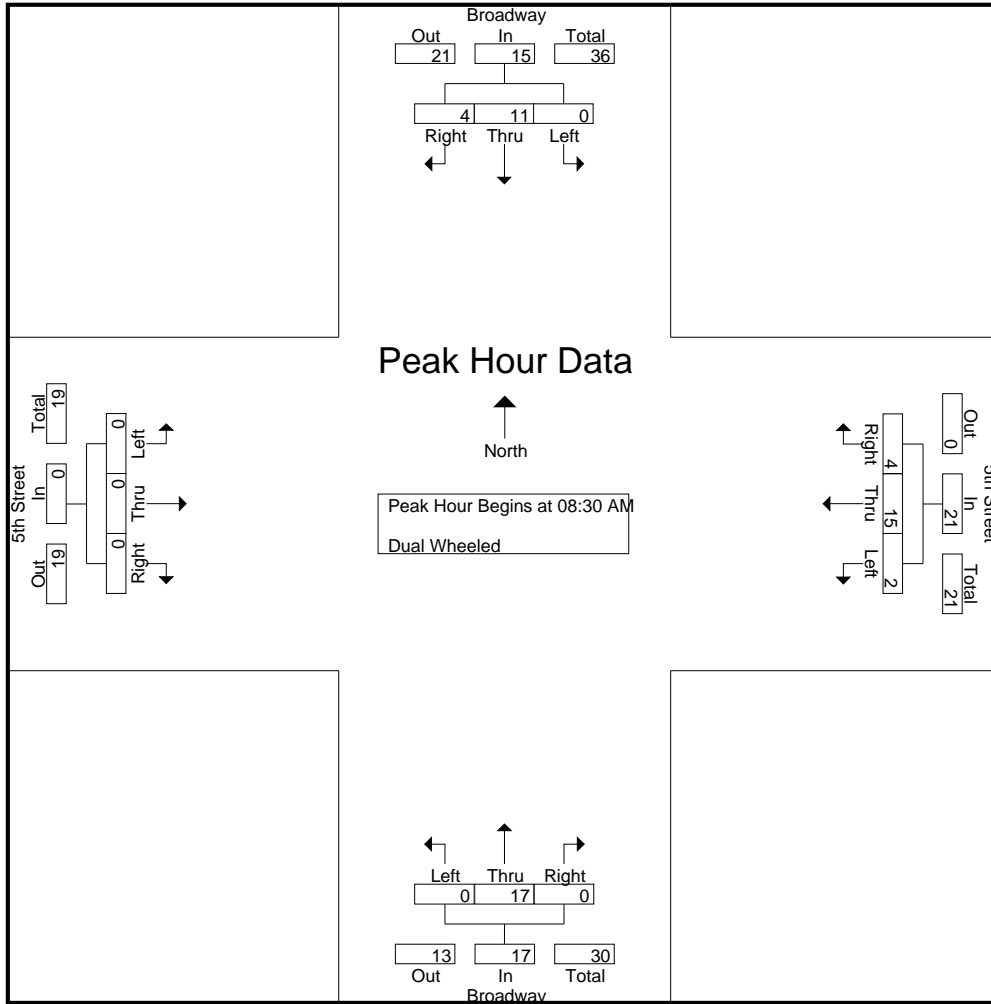
City of Los Angeles
 N/S: Broadway
 E/W: 5th Street
 Weather: Clear

File Name : LACBR5tAM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

Groups Printed- Dual Wheeled

Start Time	Broadway Southbound				5th Street Westbound				Broadway Northbound				5th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	0	4	0	4	0	9	0	9	0	7	0	7	0	0	0	0	20
07:15 AM	0	4	0	4	0	2	1	3	1	5	0	6	0	0	0	0	13
07:30 AM	0	4	2	6	0	2	1	3	0	11	0	11	0	0	0	0	20
07:45 AM	0	3	1	4	0	4	0	4	0	8	0	8	0	0	0	0	16
Total	0	15	3	18	0	17	2	19	1	31	0	32	0	0	0	0	69
08:00 AM	0	1	3	4	0	3	2	5	0	5	0	5	0	0	0	0	14
08:15 AM	0	4	0	4	0	4	0	4	0	3	0	3	0	0	0	0	11
08:30 AM	0	3	1	4	0	4	0	4	0	4	0	4	0	0	0	0	12
08:45 AM	0	1	0	1	1	5	1	7	0	5	0	5	0	0	0	0	13
Total	0	9	4	13	1	16	3	20	0	17	0	17	0	0	0	0	50
09:00 AM	0	3	3	6	1	2	3	6	0	6	0	6	0	0	0	0	18
09:15 AM	0	4	0	4	0	4	0	4	0	2	0	2	0	0	0	0	10
09:30 AM	0	0	2	2	1	6	2	9	1	5	0	6	0	0	0	0	17
09:45 AM	0	7	1	8	0	2	1	3	0	8	0	8	0	0	0	0	19
Total	0	14	6	20	2	14	6	22	1	21	0	22	0	0	0	0	64
Grand Total	0	38	13	51	3	47	11	61	2	69	0	71	0	0	0	0	183
Apprch %	0	74.5	25.5		4.9	77	18		2.8	97.2	0		0	0	0		
Total %	0	20.8	7.1	27.9	1.6	25.7	6	33.3	1.1	37.7	0	38.8	0	0	0	0	

Start Time	Broadway Southbound				5th Street Westbound				Broadway Northbound				5th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 08:30 AM to 09:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:30 AM																	
08:30 AM	0	3	1	4	0	4	0	4	0	4	0	4	0	0	0	0	12
08:45 AM	0	1	0	1	1	5	1	7	0	5	0	5	0	0	0	0	13
09:00 AM	0	3	3	6	1	2	3	6	0	6	0	6	0	0	0	0	18
09:15 AM	0	4	0	4	0	4	0	4	0	2	0	2	0	0	0	0	10
Total Volume	0	11	4	15	2	15	4	21	0	17	0	17	0	0	0	0	53
% App. Total	0	73.3	26.7		9.5	71.4	19		0	100	0		0	0	0		
PHF	.000	.688	.333	.625	.500	.750	.333	.750	.000	.708	.000	.708	.000	.000	.000	.000	.736



Peak Hour Analysis From 08:30 AM to 09:15 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	08:30 AM				08:30 AM				08:30 AM				08:30 AM			
+0 mins.	0	3	1	4	0	4	0	4	0	4	0	4	0	0	0	0
+15 mins.	0	1	0	1	1	5	1	7	0	5	0	5	0	0	0	0
+30 mins.	0	3	3	6	1	2	3	6	0	6	0	6	0	0	0	0
+45 mins.	0	4	0	4	0	4	0	4	0	2	0	2	0	0	0	0
Total Volume	0	11	4	15	2	15	4	21	0	17	0	17	0	0	0	0
% App. Total	0	73.3	26.7		9.5	71.4	19		0	100	0		0	0	0	
PHF	.000	.688	.333	.625	.500	.750	.333	.750	.000	.708	.000	.708	.000	.000	.000	.000

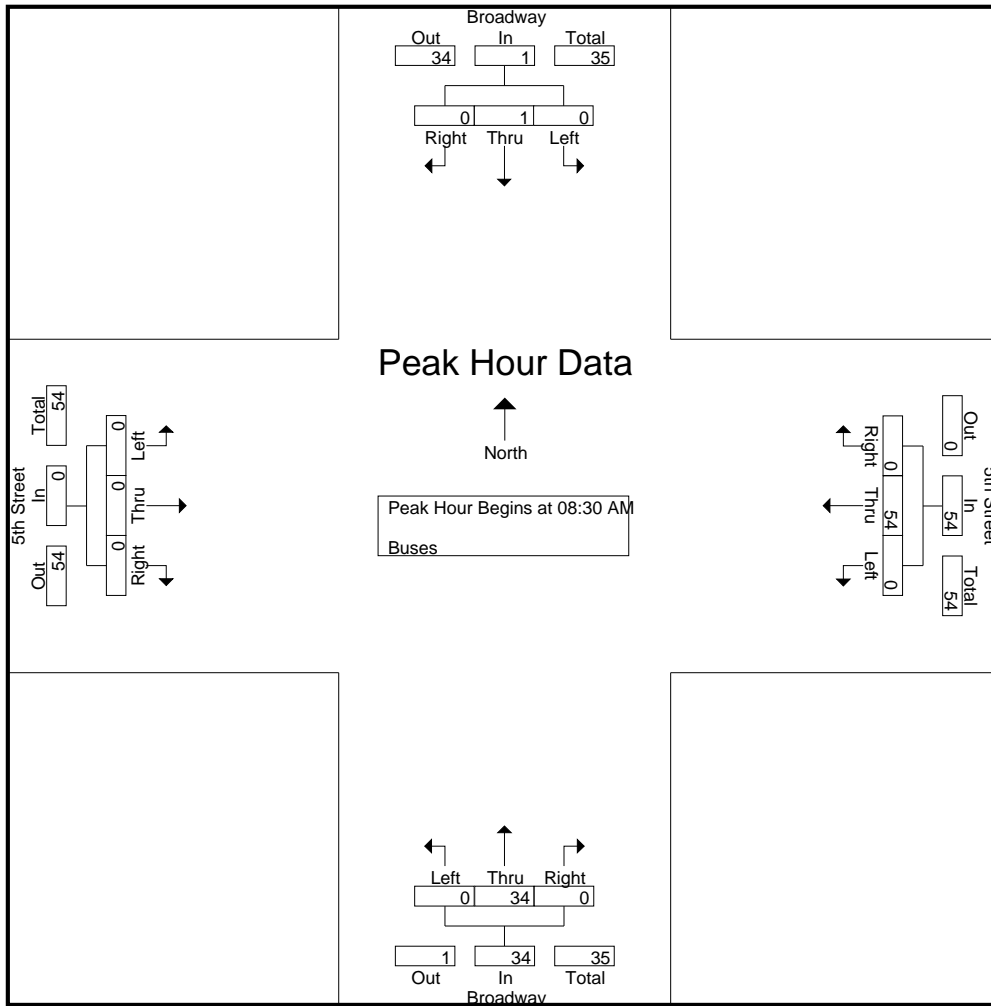
City of Los Angeles
 N/S: Broadway
 E/W: 5th Street
 Weather: Clear

File Name : LACBR5tAM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

Groups Printed- Buses

Start Time	Broadway Southbound				5th Street Westbound				Broadway Northbound				5th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	0	1	0	1	0	18	0	18	0	12	0	12	0	0	0	0	31
07:15 AM	0	0	0	0	0	26	0	26	0	14	0	14	0	0	0	0	40
07:30 AM	0	0	0	0	0	16	0	16	0	11	0	11	0	0	0	0	27
07:45 AM	0	0	0	0	0	9	1	10	0	9	0	9	0	0	0	0	19
Total	0	1	0	1	0	69	1	70	0	46	0	46	0	0	0	0	117
08:00 AM	0	0	0	0	0	22	0	22	0	10	0	10	0	0	0	0	32
08:15 AM	0	0	0	0	0	9	0	9	0	15	0	15	0	0	0	0	24
08:30 AM	0	0	0	0	0	18	0	18	0	10	0	10	0	0	0	0	28
08:45 AM	0	0	0	0	0	12	0	12	0	8	0	8	0	0	0	0	20
Total	0	0	0	0	0	61	0	61	0	43	0	43	0	0	0	0	104
09:00 AM	0	0	0	0	0	15	0	15	0	7	0	7	0	0	0	0	22
09:15 AM	0	1	0	1	0	9	0	9	0	9	0	9	0	0	0	0	19
09:30 AM	0	0	0	0	0	8	0	8	0	6	0	6	0	0	0	0	14
09:45 AM	0	0	0	0	0	7	0	7	0	6	0	6	0	0	0	0	13
Total	0	1	0	1	0	39	0	39	0	28	0	28	0	0	0	0	68
Grand Total	0	2	0	2	0	169	1	170	0	117	0	117	0	0	0	0	289
Apprch %	0	100	0		0	99.4	0.6		0	100	0		0	0	0		
Total %	0	0.7	0	0.7	0	58.5	0.3	58.8	0	40.5	0	40.5	0	0	0	0	

Start Time	Broadway Southbound				5th Street Westbound				Broadway Northbound				5th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 08:30 AM to 09:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:30 AM																	
08:30 AM	0	0	0	0	0	18	0	18	0	10	0	10	0	0	0	0	28
08:45 AM	0	0	0	0	0	12	0	12	0	8	0	8	0	0	0	0	20
09:00 AM	0	0	0	0	0	15	0	15	0	7	0	7	0	0	0	0	22
09:15 AM	0	1	0	1	0	9	0	9	0	9	0	9	0	0	0	0	19
Total Volume	0	1	0	1	0	54	0	54	0	34	0	34	0	0	0	0	89
% App. Total	0	100	0		0	100	0		0	100	0		0	0	0		
PHF	.000	.250	.000	.250	.000	.750	.000	.750	.000	.850	.000	.850	.000	.000	.000	.000	.795



Peak Hour Analysis From 08:30 AM to 09:15 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	08:30 AM				08:30 AM				08:30 AM				08:30 AM			
+0 mins.	0	0	0	0	0	18	0	18	0	10	0	10	0	0	0	0
+15 mins.	0	0	0	0	0	12	0	12	0	8	0	8	0	0	0	0
+30 mins.	0	0	0	0	0	15	0	15	0	7	0	7	0	0	0	0
+45 mins.	0	1	0	1	0	9	0	9	0	9	0	9	0	0	0	0
Total Volume	0	1	0	1	0	54	0	54	0	34	0	34	0	0	0	0
% App. Total	0	100	0	0	0	100	0	0	0	100	0	0	0	0	0	0
PHF	.000	.250	.000	.250	.000	.750	.000	.750	.000	.850	.000	.850	.000	.000	.000	.000

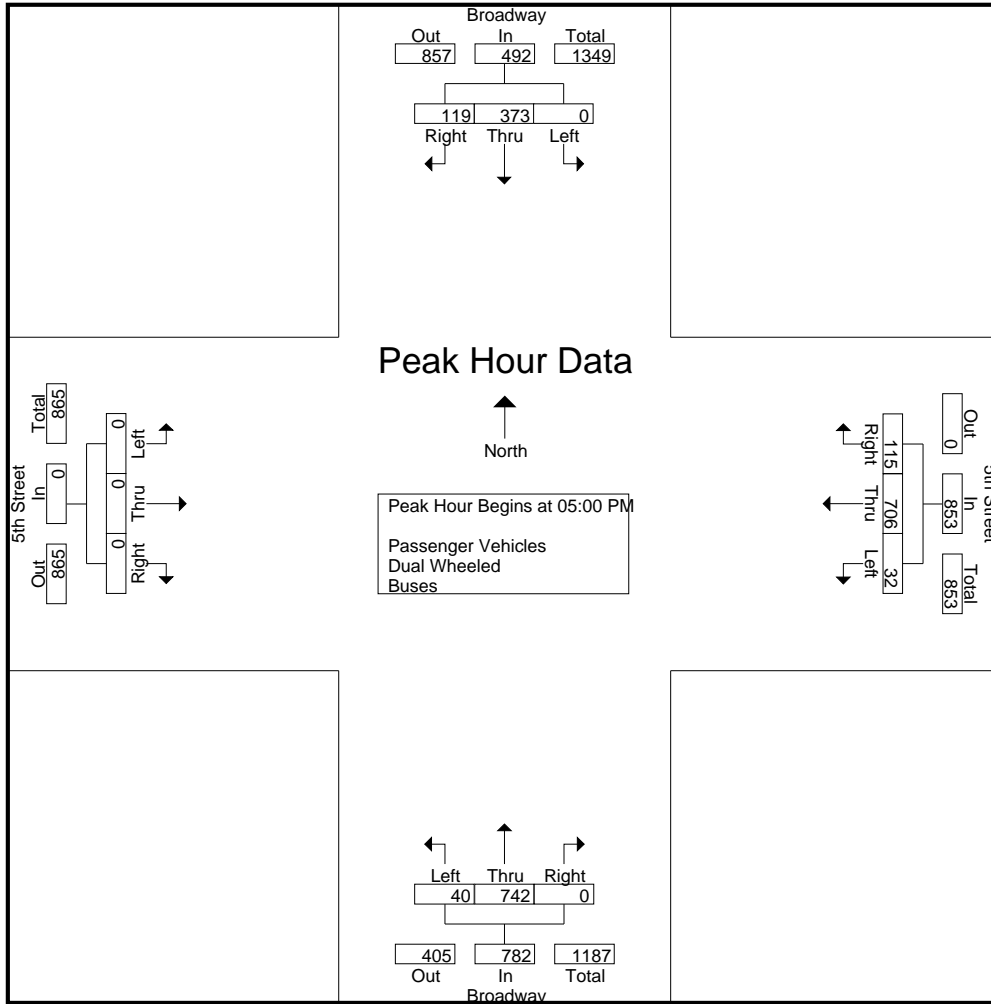
City of Los Angeles
 N/S: Broadway
 E/W: 5th Street
 Weather: Clear

File Name : LACBR5tPM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

Groups Printed- Passenger Vehicles - Dual Wheeled - Buses

Start Time	Broadway Southbound				5th Street Westbound				Broadway Northbound				5th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
03:00 PM	0	74	20	94	3	105	23	131	3	129	0	132	0	0	0	0	357
03:15 PM	0	76	28	104	9	132	23	164	3	139	0	142	0	0	0	0	410
03:30 PM	0	86	29	115	8	130	16	154	9	142	0	151	0	0	0	0	420
03:45 PM	0	85	24	109	8	138	26	172	14	132	0	146	0	0	0	0	427
Total	0	321	101	422	28	505	88	621	29	542	0	571	0	0	0	0	1614
04:00 PM	0	99	28	127	4	140	23	167	6	138	0	144	0	0	0	0	438
04:15 PM	0	87	38	125	1	115	16	132	7	182	0	189	0	0	0	0	446
04:30 PM	0	113	27	140	11	122	20	153	8	194	0	202	0	0	0	0	495
04:45 PM	0	96	24	120	3	167	19	189	10	181	0	191	0	0	0	0	500
Total	0	395	117	512	19	544	78	641	31	695	0	726	0	0	0	0	1879
05:00 PM	0	111	26	137	11	188	30	229	10	182	0	192	0	0	0	0	558
05:15 PM	0	87	31	118	8	163	20	191	12	189	0	201	0	0	0	0	510
05:30 PM	0	85	30	115	7	157	31	195	9	198	0	207	0	0	0	0	517
05:45 PM	0	90	32	122	6	198	34	238	9	173	0	182	0	0	0	0	542
Total	0	373	119	492	32	706	115	853	40	742	0	782	0	0	0	0	2127
Grand Total	0	1089	337	1426	79	1755	281	2115	100	1979	0	2079	0	0	0	0	5620
Apprch %	0	76.4	23.6		3.7	83	13.3		4.8	95.2	0		0	0	0		
Total %	0	19.4	6	25.4	1.4	31.2	5	37.6	1.8	35.2	0	37	0	0	0	0	
Passenger Vehicles	0	1074	331	1405	78	1596	276	1950	99	1841	0	1940	0	0	0	0	5295
% Passenger Vehicles	0	98.6	98.2	98.5	98.7	90.9	98.2	92.2	99	93	0	93.3	0	0	0	0	94.2
Dual Wheeled	0	9	3	12	1	25	5	31	1	26	0	27	0	0	0	0	70
% Dual Wheeled	0	0.8	0.9	0.8	1.3	1.4	1.8	1.5	1	1.3	0	1.3	0	0	0	0	1.2
Buses	0	6	3	9	0	134	0	134	0	112	0	112	0	0	0	0	255
% Buses	0	0.6	0.9	0.6	0	7.6	0	6.3	0	5.7	0	5.4	0	0	0	0	4.5

Start Time	Broadway Southbound				5th Street Westbound				Broadway Northbound				5th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	111	26	137	11	188	30	229	10	182	0	192	0	0	0	0	558
05:15 PM	0	87	31	118	8	163	20	191	12	189	0	201	0	0	0	0	510
05:30 PM	0	85	30	115	7	157	31	195	9	198	0	207	0	0	0	0	517
05:45 PM	0	90	32	122	6	198	34	238	9	173	0	182	0	0	0	0	542
Total Volume	0	373	119	492	32	706	115	853	40	742	0	782	0	0	0	0	2127
% App. Total	0	75.8	24.2		3.8	82.8	13.5		5.1	94.9	0		0	0	0		
PHF	.000	.840	.930	.898	.727	.891	.846	.896	.833	.937	.000	.944	.000	.000	.000	.000	.953



Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	04:15 PM				05:00 PM				04:45 PM				03:00 PM			
+0 mins.	0	87	38	125	11	188	30	229	10	181	0	191	0	0	0	0
+15 mins.	0	113	27	140	8	163	20	191	10	182	0	192	0	0	0	0
+30 mins.	0	96	24	120	7	157	31	195	12	189	0	201	0	0	0	0
+45 mins.	0	111	26	137	6	198	34	238	9	198	0	207	0	0	0	0
Total Volume	0	407	115	522	32	706	115	853	41	750	0	791	0	0	0	0
% App. Total	0	78	22		3.8	82.8	13.5		5.2	94.8	0		0	0	0	
PHF	.000	.900	.757	.932	.727	.891	.846	.896	.854	.947	.000	.955	.000	.000	.000	.000

City of Los Angeles
 N/S: Broadway
 E/W: 5th Street
 Weather: Clear

File Name : LACBR5tPM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

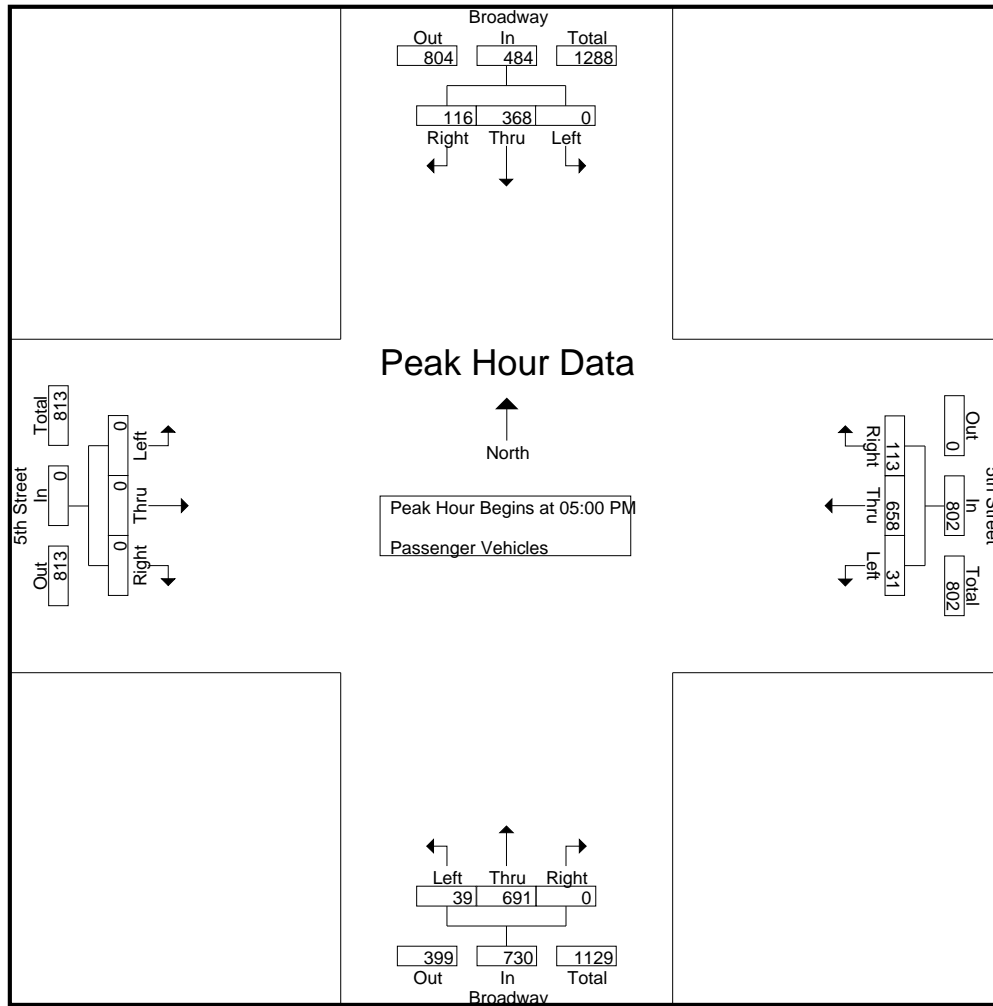
Groups Printed- Passenger Vehicles

Start Time	Broadway Southbound				5th Street Westbound				Broadway Northbound				5th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
03:00 PM	0	72	20	92	3	92	22	117	3	121	0	124	0	0	0	0	333
03:15 PM	0	76	28	104	9	115	23	147	3	129	0	132	0	0	0	0	383
03:30 PM	0	85	28	113	8	116	16	140	9	130	0	139	0	0	0	0	392
03:45 PM	0	84	23	107	8	123	26	157	14	118	0	132	0	0	0	0	396
Total	0	317	99	416	28	446	87	561	29	498	0	527	0	0	0	0	1504
04:00 PM	0	96	28	124	4	129	23	156	6	129	0	135	0	0	0	0	415
04:15 PM	0	87	38	125	1	99	16	116	7	170	0	177	0	0	0	0	418
04:30 PM	0	113	27	140	11	111	19	141	8	183	0	191	0	0	0	0	472
04:45 PM	0	93	23	116	3	153	18	174	10	170	0	180	0	0	0	0	470
Total	0	389	116	505	19	492	76	587	31	652	0	683	0	0	0	0	1775
05:00 PM	0	110	25	135	10	172	29	211	9	166	0	175	0	0	0	0	521
05:15 PM	0	86	31	117	8	151	19	178	12	177	0	189	0	0	0	0	484
05:30 PM	0	82	30	112	7	146	31	184	9	184	0	193	0	0	0	0	489
05:45 PM	0	90	30	120	6	189	34	229	9	164	0	173	0	0	0	0	522
Total	0	368	116	484	31	658	113	802	39	691	0	730	0	0	0	0	2016
Grand Total	0	1074	331	1405	78	1596	276	1950	99	1841	0	1940	0	0	0	0	5295
Apprch %	0	76.4	23.6		4	81.8	14.2		5.1	94.9	0		0	0	0		
Total %	0	20.3	6.3	26.5	1.5	30.1	5.2	36.8	1.9	34.8	0	36.6	0	0	0	0	

Start Time	Broadway Southbound				5th Street Westbound				Broadway Northbound				5th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	110	25	135	10	172	29	211	9	166	0	175	0	0	0	0	521
05:15 PM	0	86	31	117	8	151	19	178	12	177	0	189	0	0	0	0	484
05:30 PM	0	82	30	112	7	146	31	184	9	184	0	193	0	0	0	0	489
05:45 PM	0	90	30	120	6	189	34	229	9	164	0	173	0	0	0	0	522
Total Volume	0	368	116	484	31	658	113	802	39	691	0	730	0	0	0	0	2016
% App. Total	0	76	24		3.9	82	14.1		5.3	94.7	0		0	0	0		
PHF	.000	.836	.935	.896	.775	.870	.831	.876	.813	.939	.000	.946	.000	.000	.000	.000	.966

City of Los Angeles
 N/S: Broadway
 E/W: 5th Street
 Weather: Clear

File Name : LACBR5tPM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 2



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

	05:00 PM				05:00 PM				05:00 PM				05:00 PM			
+0 mins.	0	110	25	135	10	172	29	211	9	166	0	175	0	0	0	0
+15 mins.	0	86	31	117	8	151	19	178	12	177	0	189	0	0	0	0
+30 mins.	0	82	30	112	7	146	31	184	9	184	0	193	0	0	0	0
+45 mins.	0	90	30	120	6	189	34	229	9	164	0	173	0	0	0	0
Total Volume	0	368	116	484	31	658	113	802	39	691	0	730	0	0	0	0
% App. Total	0	76	24		3.9	82	14.1		5.3	94.7	0		0	0	0	
PHF	.000	.836	.935	.896	.775	.870	.831	.876	.813	.939	.000	.946	.000	.000	.000	.000

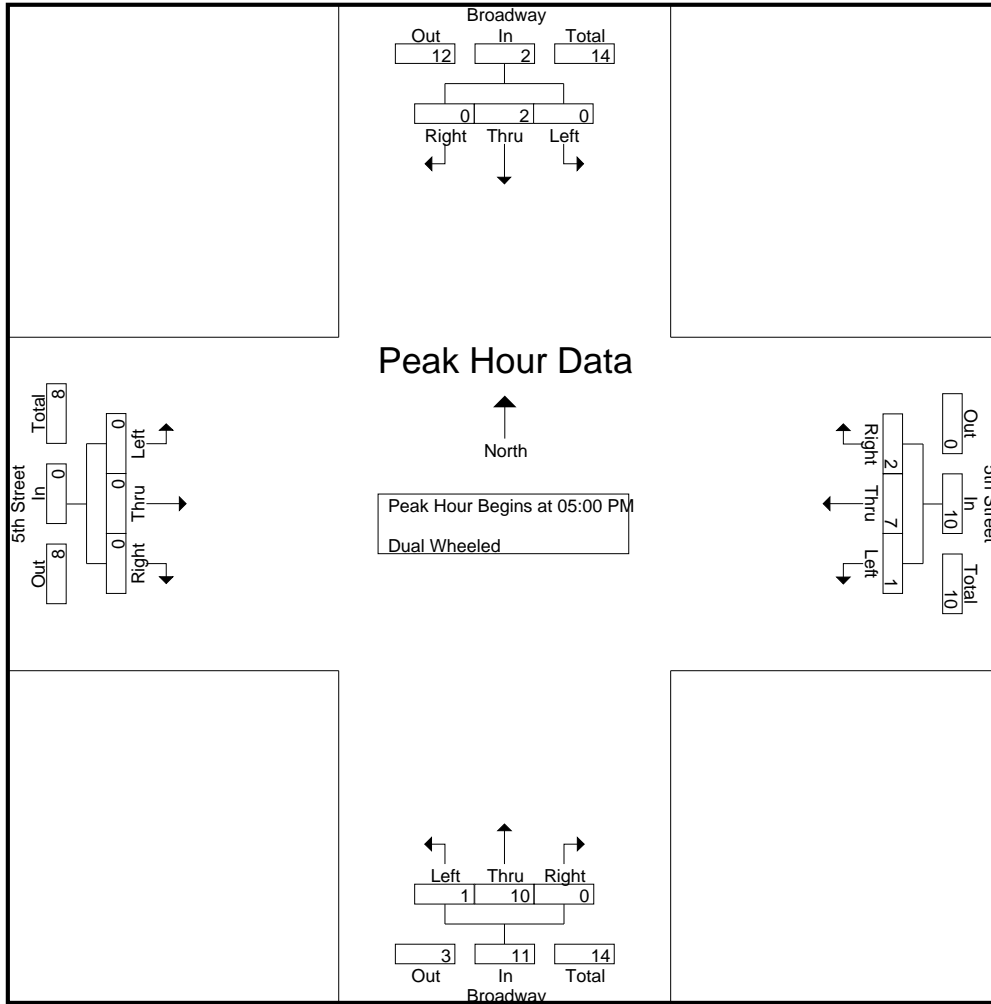
City of Los Angeles
 N/S: Broadway
 E/W: 5th Street
 Weather: Clear

File Name : LACBR5tPM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

Groups Printed- Dual Wheeled

Start Time	Broadway Southbound				5th Street Westbound				Broadway Northbound				5th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
03:00 PM	0	2	0	2	0	2	1	3	0	1	0	1	0	0	0	0	6
03:15 PM	0	0	0	0	0	2	0	2	0	2	0	2	0	0	0	0	4
03:30 PM	0	1	1	2	0	3	0	3	0	5	0	5	0	0	0	0	10
03:45 PM	0	1	1	2	0	3	0	3	0	2	0	2	0	0	0	0	7
Total	0	4	2	6	0	10	1	11	0	10	0	10	0	0	0	0	27
04:00 PM	0	1	0	1	0	1	0	1	0	1	0	1	0	0	0	0	3
04:15 PM	0	0	0	0	0	3	0	3	0	3	0	3	0	0	0	0	6
04:30 PM	0	0	0	0	0	1	1	2	0	0	0	0	0	0	0	0	2
04:45 PM	0	2	1	3	0	3	1	4	0	2	0	2	0	0	0	0	9
Total	0	3	1	4	0	8	2	10	0	6	0	6	0	0	0	0	20
05:00 PM	0	1	0	1	1	2	1	4	1	1	0	2	0	0	0	0	7
05:15 PM	0	0	0	0	0	0	1	1	0	3	0	3	0	0	0	0	4
05:30 PM	0	1	0	1	0	2	0	2	0	4	0	4	0	0	0	0	7
05:45 PM	0	0	0	0	0	3	0	3	0	2	0	2	0	0	0	0	5
Total	0	2	0	2	1	7	2	10	1	10	0	11	0	0	0	0	23
Grand Total	0	9	3	12	1	25	5	31	1	26	0	27	0	0	0	0	70
Apprch %	0	75	25		3.2	80.6	16.1		3.7	96.3	0		0	0	0		
Total %	0	12.9	4.3	17.1	1.4	35.7	7.1	44.3	1.4	37.1	0	38.6	0	0	0	0	

Start Time	Broadway Southbound				5th Street Westbound				Broadway Northbound				5th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	1	0	1	1	2	1	4	1	1	0	2	0	0	0	0	7
05:15 PM	0	0	0	0	0	0	1	1	0	3	0	3	0	0	0	0	4
05:30 PM	0	1	0	1	0	2	0	2	0	4	0	4	0	0	0	0	7
05:45 PM	0	0	0	0	0	3	0	3	0	2	0	2	0	0	0	0	5
Total Volume	0	2	0	2	1	7	2	10	1	10	0	11	0	0	0	0	23
% App. Total	0	100	0		10	70	20		9.1	90.9	0		0	0	0		
PHF	.000	.500	.000	.500	.250	.583	.500	.625	.250	.625	.000	.688	.000	.000	.000	.000	.821



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

	05:00 PM				05:00 PM				05:00 PM				05:00 PM			
+0 mins.	0	1	0	1	1	2	1	4	1	1	0	2	0	0	0	0
+15 mins.	0	0	0	0	0	0	1	1	0	3	0	3	0	0	0	0
+30 mins.	0	1	0	1	0	2	0	2	0	4	0	4	0	0	0	0
+45 mins.	0	0	0	0	0	3	0	3	0	2	0	2	0	0	0	0
Total Volume	0	2	0	2	1	7	2	10	1	10	0	11	0	0	0	0
% App. Total	0	100	0		10	70	20		9.1	90.9	0		0	0	0	
PHF	.000	.500	.000	.500	.250	.583	.500	.625	.250	.625	.000	.688	.000	.000	.000	.000

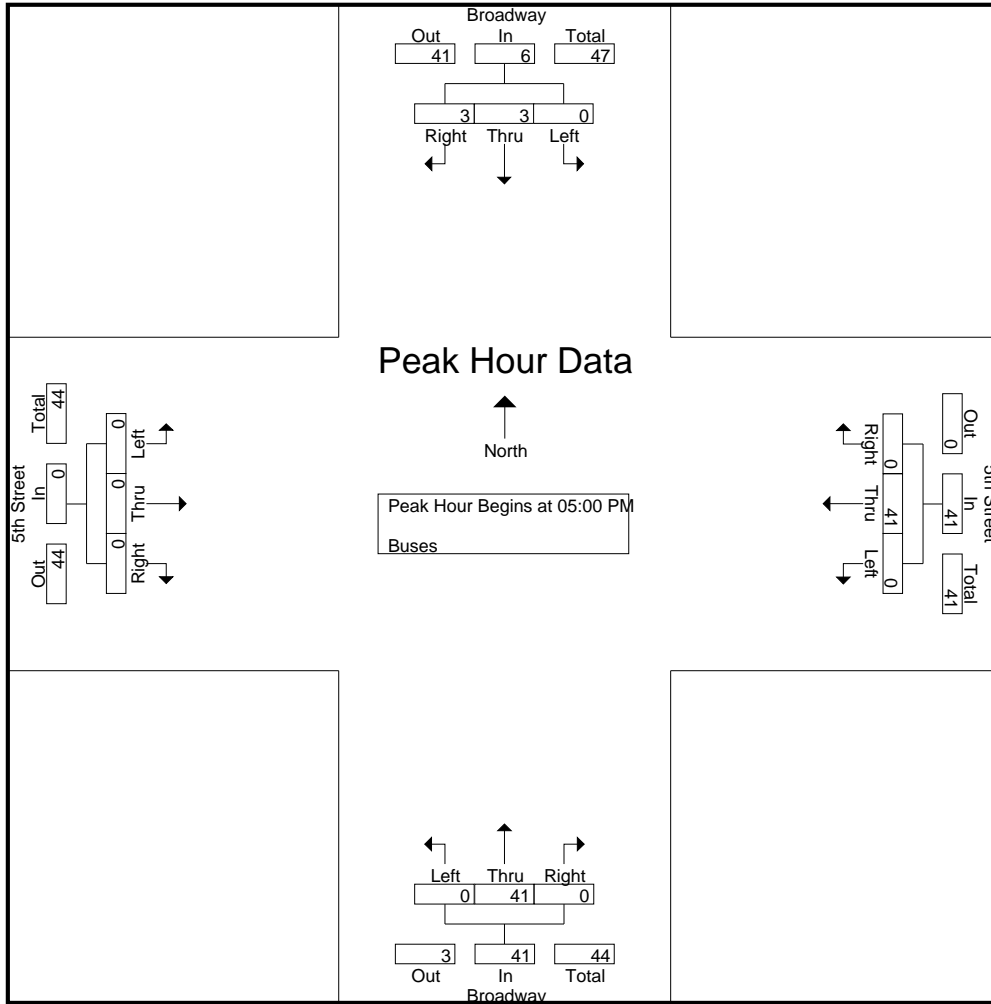
City of Los Angeles
 N/S: Broadway
 E/W: 5th Street
 Weather: Clear

File Name : LACBR5tPM
 Site Code : 20217215
 Start Date : 4/6/2017
 Page No : 1

Groups Printed- Buses

Start Time	Broadway Southbound				5th Street Westbound				Broadway Northbound				5th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
03:00 PM	0	0	0	0	0	11	0	11	0	7	0	7	0	0	0	0	18
03:15 PM	0	0	0	0	0	15	0	15	0	8	0	8	0	0	0	0	23
03:30 PM	0	0	0	0	0	11	0	11	0	7	0	7	0	0	0	0	18
03:45 PM	0	0	0	0	0	12	0	12	0	12	0	12	0	0	0	0	24
Total	0	0	0	0	0	49	0	49	0	34	0	34	0	0	0	0	83
04:00 PM	0	2	0	2	0	10	0	10	0	8	0	8	0	0	0	0	20
04:15 PM	0	0	0	0	0	13	0	13	0	9	0	9	0	0	0	0	22
04:30 PM	0	0	0	0	0	10	0	10	0	11	0	11	0	0	0	0	21
04:45 PM	0	1	0	1	0	11	0	11	0	9	0	9	0	0	0	0	21
Total	0	3	0	3	0	44	0	44	0	37	0	37	0	0	0	0	84
05:00 PM	0	0	1	1	0	14	0	14	0	15	0	15	0	0	0	0	30
05:15 PM	0	1	0	1	0	12	0	12	0	9	0	9	0	0	0	0	22
05:30 PM	0	2	0	2	0	9	0	9	0	10	0	10	0	0	0	0	21
05:45 PM	0	0	2	2	0	6	0	6	0	7	0	7	0	0	0	0	15
Total	0	3	3	6	0	41	0	41	0	41	0	41	0	0	0	0	88
Grand Total	0	6	3	9	0	134	0	134	0	112	0	112	0	0	0	0	255
Apprch %	0	66.7	33.3		0	100	0		0	100	0		0	0	0		
Total %	0	2.4	1.2	3.5	0	52.5	0	52.5	0	43.9	0	43.9	0	0	0	0	

Start Time	Broadway Southbound				5th Street Westbound				Broadway Northbound				5th Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	0	1	1	0	14	0	14	0	15	0	15	0	0	0	0	30
05:15 PM	0	1	0	1	0	12	0	12	0	9	0	9	0	0	0	0	22
05:30 PM	0	2	0	2	0	9	0	9	0	10	0	10	0	0	0	0	21
05:45 PM	0	0	2	2	0	6	0	6	0	7	0	7	0	0	0	0	15
Total Volume	0	3	3	6	0	41	0	41	0	41	0	41	0	0	0	0	88
% App. Total	0	50	50		0	100	0		0	100	0		0	0	0		
PHF	.000	.375	.375	.750	.000	.732	.000	.732	.000	.683	.000	.683	.000	.000	.000	.000	.733



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

	05:00 PM				05:00 PM				05:00 PM				05:00 PM			
+0 mins.	0	0	1	1	0	14	0	14	0	15	0	15	0	0	0	0
+15 mins.	0	1	0	1	0	12	0	12	0	9	0	9	0	0	0	0
+30 mins.	0	2	0	2	0	9	0	9	0	10	0	10	0	0	0	0
+45 mins.	0	0	2	2	0	6	0	6	0	7	0	7	0	0	0	0
Total Volume	0	3	3	6	0	41	0	41	0	41	0	41	0	0	0	0
% App. Total	0	50	50		0	100	0		0	100	0		0	0	0	
PHF	.000	.375	.375	.750	.000	.732	.000	.732	.000	.683	.000	.683	.000	.000	.000	.000

CMA Spreadsheets

Level of Service Worksheet (Circular 212 Method)



I/S #:	North-South Street:	Olive St		Year of Count:	2017		Ambient Growth: (%):	1.0018		Conducted by:	IBI Group		Date:	7/31/2017							
	1	East-West Street:	2nd St		Projection Year:	2021		Peak Hour:	AM		Reviewed by:	Lydia La Point		Project:	340 S. Hill						
No. of Phases				3		3		3		3		3		3							
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				2		2		2		2		2		2							
Right Turns: FREE-1, NRTOR-2 or OLA-3?		NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0				
		EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0				
ATSAC-1 or ATSAC+ATCS-2?				1		1		1		1		1		1							
Override Capacity				0		0		0		0		0		0							
MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION						
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume			
NORTHBOUND	Left	95	1	95	0	95	95	0	99	1	99	0	99	1	99	0	99	1	99		
	Left-Through		0							0				0				0			
	Through	560	3	187	0	560	187	0	583	3	194	0	583	3	194	0	583	3	194		
	Through-Right		0							0				0				0			
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
SOUTHBOUND	Left-Through-Right		0							0				0				0			
	Left-Right		0							0				0				0			
	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Left-Through		0							0				0				0			
	Through	320	1	168	0	320	168	0	333	1	175	0	333	1	175	0	333	1	175		
EASTBOUND	Through-Right		1							1				1				1			
	Right	15	0	15	0	15	15	0	16	0	16	0	16	0	16	0	16	0	16		
	Left-Through-Right		0							0				0				0			
	Left-Right		0							0				0				0			
	Left	18	2	10	0	18	10	0	19	2	10	0	19	2	10	0	19	2	10		
WESTBOUND	Left-Through		0							0				0				0			
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Through-Right		0							0				0				0			
	Right	63	1	16	0	63	16	0	66	1	17	0	66	1	17	0	66	1	17		
	Left-Through-Right		0							0				0				0			
CRITICAL VOLUMES	Left-Right		0							0				0				0			
	Left	118	0	118	0	118	118	0	123	0	123	0	123	0	123	0	123	0	123		
	Left-Through		1							1				1				1			
	Through	35	0	74	0	35	74	0	36	0	77	0	36	0	77	0	36	0	77		
	Through-Right		1							1				1				1			
VOLUME/CAPACITY (V/C) RATIO:			0.279			0.279			0.291			0.291			0.291			0.291			
	V/C LESS ATSAC/ATCS ADJUSTMENT:		0.209			0.209			0.221			0.221			0.221			0.221			
LEVEL OF SERVICE (LOS):				A			A			A			A			A			A		

REMARKS:

Version: 1i Beta; 8/4/2011

PROJECT IMPACT

Change in v/c due to project:	0.000	Δv/c after mitigation:	0.000
Significant impacted?	NO	Fully mitigated?	N/A

Level of Service Worksheet (Circular 212 Method)



I/S #:	North-South Street:	Hill St		Year of Count:	2017		Ambient Growth: (%):	1.0018		Conducted by:	IBI Group		Date:	7/31/2017					
	2	East-West Street:	2nd St		Projection Year:	2021		Peak Hour:	AM		Reviewed by:	Lydia La Point		Project:	340 S. Hill				
No. of Phases						2						2							
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?						0						0							
Right Turns: FREE-1, NRTOR-2 or OLA-3?		NB-- 0 SB-- 0		NB-- 0 SB-- 0		NB-- 0 SB-- 0		NB-- 0 SB-- 0		NB-- 0 SB-- 0		NB-- 0 SB-- 0		NB-- 0 SB-- 0					
ATSAC-1 or ATSAC+ATCS-2?		EB-- 0 WB-- 0		EB-- 0 WB-- 0		EB-- 0 WB-- 0		EB-- 0 WB-- 0		EB-- 0 WB-- 0		EB-- 0 WB-- 0		EB-- 0 WB-- 0					
Override Capacity		1		1		1		1		1		1		1					
		0		0		0		0		0		0		0					
MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION				
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	
NORTHBOUND	Left	79	1	79	10	89	89	0	82	1	82	10	92	1	92	0	92	1	92
	Left-Through		0							0				0				0	
	Through	248	1	142	17	265	150	67	325	1	181	17	342	1	189	0	342	1	189
	Through-Right		1							1				1				1	
	Right	35	0	35	0	35	35	0	36	0	36	0	36	0	36	0	36	0	36
	Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0		
SOUTHBOUND	Left	30	1	30	0	30	30	0	31	1	31	0	31	1	31	0	31	1	31
	Left-Through		0							0				0				0	
	Through	1029	1	597	6	1035	600	40	1111	1	641	6	1117	1	644	0	1117	1	644
	Through-Right		1							1				1				1	
	Right	164	0	164	0	164	164	0	171	0	171	0	171	0	171	0	171	0	171
	Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0		
EASTBOUND	Left	18	0	18	0	18	18	0	19	0	19	0	19	0	19	0	19	0	19
	Left-Through		1							1				1				1	
	Through	125	0	143	0	125	143	0	130	0	149	0	130	0	149	0	130	0	149
	Through-Right		0							0				0				0	
	Right	361	1	322	5	366	322	0	376	1	335	5	381	1	335	0	381	1	335
	Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0		
WESTBOUND	Left	3	0	3	0	3	3	0	3	0	3	0	3	0	3	0	3	0	3
	Left-Through		0							0				0				0	
	Through	93	0	116	6	99	122	0	97	0	121	6	103	0	127	0	103	0	127
	Through-Right		0							0				0				0	
	Right	20	0	0	0	20	0	0	21	0	0	0	21	0	0	0	21	0	0
	Left-Through-Right		1							1				1				1	
Left-Right		0							0				0				0		
CRITICAL VOLUMES		North-South: 676		North-South: 689		North-South: 723		North-South: 736		North-South: 736		North-South: 736		North-South: 736		North-South: 736		North-South: 736	
		East-West: 325		East-West: 325		East-West: 338		East-West: 338		East-West: 338		East-West: 338		East-West: 338		East-West: 338		East-West: 338	
		SUM: 1001		SUM: 1014		SUM: 1061		SUM: 1074		SUM: 1074		SUM: 1074		SUM: 1074		SUM: 1074		SUM: 1074	
VOLUME/CAPACITY (V/C) RATIO:		0.667		0.676		0.707		0.716		0.716		0.716		0.716		0.716		0.716	
V/C LESS ATSAC/ATCS ADJUSTMENT:		0.597		0.606		0.637		0.646		0.646		0.646		0.646		0.646		0.646	
LEVEL OF SERVICE (LOS):		A		B		B		B		B		B		B		B		B	

REMARKS:

Version: 1i Beta; 8/4/2011

PROJECT IMPACT

Change in v/c due to project:	0.009	Δv/c after mitigation:	0.009
Significant impacted?	NO	Fully mitigated?	N/A

Level of Service Worksheet (Circular 212 Method)



I/S #:	North-South Street:	Broadway		Year of Count:	2017		Ambient Growth: (%):	1.0018		Conducted by:	IBI Group		Date:	7/31/2017					
	East-West Street:	2nd St		Projection Year:	2021		Peak Hour:	AM		Reviewed by:	Lydia La Point		Project:	340 S. Hill					
No. of Phases																			
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		3		3		3		3		3		3		3					
Right Turns: FREE-1, NRTOR-2 or OLA-3?		NB-- 0	SB-- 2	NB-- 0	SB-- 2	NB-- 0	SB-- 2	NB-- 0	SB-- 2	NB-- 0	SB-- 2	NB-- 0	SB-- 2	NB-- 0	SB-- 2				
ATSAC-1 or ATSAC+ATCS-2?		EB-- 0	WB-- 0	EB-- 0	WB-- 0	EB-- 0	WB-- 0	EB-- 0	WB-- 0	EB-- 0	WB-- 0	EB-- 0	WB-- 0	EB-- 0	WB-- 0				
Override Capacity		1		1		1		1		1		1		1					
		0		0		0		0		0		0		0					
MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION				
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	
NORTHBOUND	Left	55	0	55	6	61	61	0	57	0	57	6	63	0	63	0	63	0	63
	Left-Through		1							1			1			1		1	
	Through	379	0	254	5	384	262	58	452	0	350	5	457	0	364	0	457	0	364
	Through-Right		1							1			1			1		1	
	Right	18	0	254	0	18	262	0	19	0	350	0	19	0	364	0	19	0	364
	Left-Through-Right		0							0				0			0		0
Left-Right		0							0				0			0		0	
SOUTHBOUND	Left	8	0	8	0	8	8	0	8	0	8	0	8	0	8	0	8	0	8
	Left-Through		1							1			1			1		1	
	Through	475	0	483	0	475	483	24	518	0	526	0	518	0	526	0	518	0	526
	Through-Right		0							0			0			0		0	
	Right	81	1	81	0	81	81	0	84	1	84	0	84	1	84	0	84	1	84
	Left-Through-Right		0							0			0			0		0	
Left-Right		0							0			0			0		0		
EASTBOUND	Left	91	0	91	0	91	91	0	95	0	95	0	95	0	95	0	95	0	95
	Left-Through		1							1			1			1		1	
	Through	19	0	110	0	19	110	0	20	0	115	0	20	0	115	0	20	0	115
	Through-Right		0							0			0			0		0	
	Right	104	1	104	0	104	104	0	108	1	108	0	108	1	108	0	108	1	108
	Left-Through-Right		0							0			0			0		0	
Left-Right		0							0			0			0		0		
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							1			1			1		1	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							1			1			1		1	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0			0			0		0	
Left-Right		0							0			0			0		0		
CRITICAL VOLUMES		North-South: 538		North-South: 544		North-South: 583		North-South: 589		North-South: 589		North-South: 589		North-South: 589		North-South: 589		North-South: 589	
		East-West: 110		East-West: 110		East-West: 115		East-West: 115		East-West: 115		East-West: 115		East-West: 115		East-West: 115		East-West: 115	
		SUM: 648		SUM: 654		SUM: 698		SUM: 704		SUM: 704		SUM: 704		SUM: 704		SUM: 704		SUM: 704	
VOLUME/CAPACITY (V/C) RATIO:		0.455		0.459		0.490		0.494		0.494		0.494		0.494		0.494		0.494	
V/C LESS ATSAC/ATCS ADJUSTMENT:		0.385		0.389		0.420		0.424		0.424		0.424		0.424		0.424		0.424	
LEVEL OF SERVICE (LOS):		A		A		A		A		A		A		A		A		A	

REMARKS:

Version: 1i Beta; 8/4/2011

PROJECT IMPACT

Change in v/c due to project:	0.004	Δv/c after mitigation:	0.004
Significant impacted?	NO	Fully mitigated?	N/A

Level of Service Worksheet (Circular 212 Method)



I/S #:	North-South Street:	Hill St		Year of Count:	2017		Ambient Growth: (%):	1.0018		Conducted by:	IBI Group		Date:	7/31/2017					
	East-West Street:	3rd St		Projection Year:	2021		Peak Hour:	AM		Reviewed by:	Lydia La Point		Project:	340 S. Hill					
4	No. of Phases	2			2			2			2			2					
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0			0			0			0			0					
	Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0		
	ATSAC-1 or ATSAC+ATCS-2?	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0		
Override Capacity	1			1			1			1			1						
		0			0			0			0			0					
MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION				
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	
NORTHBOUND	Left	55	1	55	14	69	69	0	57	1	57	14	71	1	71	0	71	1	71
	Left-Through																		
	Through	382	2	191	27	409	205	67	465	2	233	27	492	2	246	0	492	2	246
	Through-Right																		
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Left-Through-Right																			
Left-Right																			
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through																		
	Through	930	2	465	11	941	471	40	1008	2	504	11	1019	2	510	0	1019	2	510
	Through-Right																		
	Right	217	1	217	0	217	217	0	226	1	226	0	226	1	226	0	226	1	226
Left-Through-Right																			
Left-Right																			
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through																		
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right																		
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Left-Through-Right																			
Left-Right																			
WESTBOUND	Left	87	1	87	5	92	92	0	91	1	91	5	96	1	96	0	96	1	96
	Left-Through																		
	Through	1356	2	678	4	1360	680	103	1514	2	757	4	1518	2	759	0	1518	2	759
	Through-Right																		
	Right	140	1	140	0	140	140	0	146	1	146	0	146	1	146	0	146	1	146
Left-Through-Right																			
Left-Right																			
CRITICAL VOLUMES		North-South:	520	North-South:	540	North-South:	561	North-South:	581	North-South:	581	North-South:	581	North-South:	581	North-South:	581	North-South:	581
		East-West:	678	East-West:	680	East-West:	757	East-West:	759	East-West:	759	East-West:	759	East-West:	759	East-West:	759	East-West:	759
		SUM:	1198	SUM:	1220	SUM:	1318	SUM:	1340	SUM:	1340	SUM:	1340	SUM:	1340	SUM:	1340	SUM:	1340
VOLUME/CAPACITY (V/C) RATIO:			0.799		0.813		0.879		0.893		0.893		0.893		0.893		0.893		0.893
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.729		0.743		0.809		0.823		0.823		0.823		0.823		0.823		0.823
LEVEL OF SERVICE (LOS):			C		C		D		D		D		D		D		D		D

REMARKS:

Version: 1i Beta; 8/4/2011

PROJECT IMPACT

Change in v/c due to project:	0.014	Δv/c after mitigation:	0.014
Significant impacted?	NO	Fully mitigated?	N/A

Level of Service Worksheet (Circular 212 Method)



I/S #:	North-South Street:	Broadway		Year of Count:	2017		Ambient Growth: (%):	1.0018		Conducted by:	IBI Group		Date:	7/31/2017					
	East-West Street:	3rd St		Projection Year:	2021		Peak Hour:	AM		Reviewed by:	Lydia La Point		Project:	340 S. Hill					
No. of Phases																			
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		2		2		2		2		2		2		2		2		2	
Right Turns: FREE-1, NRTOR-2 or OLA-3?		NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0
ATSAC-1 or ATSAC+ATCS-2?		EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0
Override Capacity		1		1		1		1		1		1		1		1		1	
		0		0		0		0		0		0		0		0		0	
MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION				
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	
NORTHBOUND	Left	108	0	108	4	112	112	0	112	0	112	4	116	0	116	0	116	0	116
	Left-Through		1							1			1				1		
	Through	455	1	336	12	467	346	58	532	1	378	12	544	1	388	0	544	1	388
	Through-Right		0							0			0				0		
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
Left-Right		0							0				0				0		
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0			0				0		
	Through	281	1	281	0	281	281	24	316	1	316	0	316	1	316	0	316	1	316
	Through-Right		0							0			0				0		
	Right	207	1	207	0	207	207	0	215	1	215	0	215	1	215	0	215	1	215
	Left-Through-Right		0							0			0				0		
Left-Right		0							0				0				0		
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0			0				0		
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0			0				0		
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0			0				0		
Left-Right		0							0				0				0		
WESTBOUND	Left	29	1	29	0	29	29	0	30	1	30	0	30	1	30	0	30	1	30
	Left-Through		0							0			0				0		
	Through	1334	2	470	5	1339	472	103	1491	2	523	5	1496	2	525	0	1496	2	525
	Through-Right		1							1			1				1		
	Right	76	0	76	0	76	76	0	79	0	79	0	79	0	79	0	79	0	79
	Left-Through-Right		0							0			0				0		
Left-Right		0							0				0				0		
CRITICAL VOLUMES		North-South: 389		North-South: 393		North-South: 428		North-South: 432		North-South: 432		North-South: 432		North-South: 432		North-South: 432		North-South: 432	
		East-West: 470		East-West: 472		East-West: 523		East-West: 525		East-West: 525		East-West: 525		East-West: 525		East-West: 525		East-West: 525	
		SUM: 859		SUM: 865		SUM: 951		SUM: 957		SUM: 957		SUM: 957		SUM: 957		SUM: 957		SUM: 957	
VOLUME/CAPACITY (V/C) RATIO:		0.573		0.577		0.634		0.638		0.638		0.638		0.638		0.638		0.638	
V/C LESS ATSAC/ATCS ADJUSTMENT:		0.503		0.507		0.564		0.568		0.568		0.568		0.568		0.568		0.568	
LEVEL OF SERVICE (LOS):		A		A		A		A		A		A		A		A		A	

REMARKS:

Version: 1i Beta; 8/4/2011

PROJECT IMPACT

Change in v/c due to project:	0.004	Δv/c after mitigation:	0.004
Significant impacted?	NO	Fully mitigated?	N/A

Level of Service Worksheet (Circular 212 Method)

I/S #: 6	North-South Street: Olive St		Year of Count: 2017		Ambient Growth: (%): 1.0018		Conducted by: IBI Group		Date: 7/31/2017										
	East-West Street: 4th St		Projection Year: 2021		Peak Hour: AM		Reviewed by: Lydia La Point		Project: 340 S. Hill										
No. of Phases: 2 Opposed Ø'ing: N/S-1, E/W-2 or Both-3? Right Turns: FREE-1, NRTOR-2 or OLA-3? ATSAC-1 or ATSAC+ATCS-2? Override Capacity: 0			NB-- 0 SB-- 0 EB-- 0 WB-- 0		NB-- 0 SB-- 0 EB-- 0 WB-- 0		NB-- 0 SB-- 0 EB-- 0 WB-- 0		NB-- 0 SB-- 0 EB-- 0 WB-- 0										
MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION				
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Left-Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Through	452	2	179	0	452	179	0	470	2	190	0	470	2	190	0	470	2	190
	Through-Right	84	1	84	0	84	84	14	101	0	101	0	101	0	101	0	101	0	101
	Left-Through-Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND	Left	50	2	28	0	50	28	0	52	2	29	0	52	2	29	0	52	2	29
	Left-Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through	206	1	206	0	206	206	0	214	1	214	0	214	1	214	0	214	1	214
	Through-Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND	Left	212	1	212	0	212	212	0	221	1	221	0	221	1	221	0	221	1	221
	Left-Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through	988	4	247	13	1001	250	161	1189	4	297	13	1202	4	301	0	1202	4	301
	Through-Right	214	1	214	0	214	214	0	223	1	223	0	223	1	223	0	223	1	223
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRITICAL VOLUMES	North-South: 207		North-South: 207		North-South: 219		North-South: 219		North-South: 219		North-South: 219		North-South: 219		North-South: 219		North-South: 219		
	East-West: 247		East-West: 250		East-West: 297		East-West: 297		East-West: 301		East-West: 301		East-West: 301		East-West: 301		East-West: 301		
	SUM: 454		SUM: 457		SUM: 516		SUM: 516		SUM: 520		SUM: 520		SUM: 520		SUM: 520		SUM: 520		
VOLUME/CAPACITY (V/C) RATIO:			0.303			0.305			0.344				0.347				0.347		0.347
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.233			0.235			0.274				0.277				0.277		0.277
LEVEL OF SERVICE (LOS):			A			A			A				A				A		A

REMARKS:

Version: 1i Beta; 8/4/2011

PROJECT IMPACT

Change in v/c due to project:	0.003	Δv/c after mitigation:	0.003
Significant impacted?	NO	Fully mitigated?	N/A

Level of Service Worksheet (Circular 212 Method)



I/S #:	North-South Street:	Hill St		Year of Count:	2017		Ambient Growth: (%)	1.0018		Conducted by:	IBI Group		Date:	7/31/2017					
	7	East-West Street:	4th St		Projection Year:	2021		Peak Hour:	AM		Reviewed by:	Lydia La Point		Project:	340 S. Hill				
No. of Phases						2						2							
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?						0						0							
Right Turns: FREE-1, NRTOR-2 or OLA-3?		NB-- 0 SB-- 0		NB-- 0 SB-- 0		NB-- 0 SB-- 0		NB-- 0 SB-- 0		NB-- 0 SB-- 0		NB-- 0 SB-- 0		NB-- 0 SB-- 0					
ATSAC-1 or ATSAC+ATCS-2?		EB-- 0 WB-- 0		EB-- 0 WB-- 0		EB-- 0 WB-- 0		EB-- 0 WB-- 0		EB-- 0 WB-- 0		EB-- 0 WB-- 0		EB-- 0 WB-- 0					
Override Capacity		1		1		1		1		1		1		1					
		0		0		0		0		0		0		0					
MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION				
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Left-Through																		
	Through	313	1	195	6	319	198	67	393	1	239	6	399	1	243	0	399	1	243
	Through-Right																		
	Right	76	0	76	1	77	77	6	85	0	85	1	86	0	86	0	86	0	86
	Left-Through-Right																		
Left-Right																			
SOUTHBOUND	Left	144	1	144	24	168	168	0	150	1	150	24	174	1	174	0	174	1	174
	Left-Through																		
	Through	846	2	423	26	872	436	40	920	2	460	26	946	2	473	0	946	2	473
	Through-Right																		
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right																		
Left-Right																			
EASTBOUND	Left	105	0	105	9	114	114	14	123	0	123	9	132	0	132	0	132	0	132
	Left-Through																		
	Through	827	2	273	4	831	276	129	990	2	328	4	994	2	331	0	994	2	331
	Through-Right																		
	Right	160	0	273	0	160	276	32	199	0	328	0	199	0	331	0	199	0	331
	Left-Through-Right																		
Left-Right																			
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through																		
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right																		
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right																		
Left-Right																			
CRITICAL VOLUMES		North-South: 423		North-South: 436		North-South: 460		North-South: 473		North-South: 473		North-South: 473		North-South: 473		North-South: 473		North-South: 473	
		East-West: 273		East-West: 276		East-West: 328		East-West: 331		East-West: 331		East-West: 331		East-West: 331		East-West: 331		East-West: 331	
		SUM: 696		SUM: 712		SUM: 788		SUM: 804		SUM: 804		SUM: 804		SUM: 804		SUM: 804		SUM: 804	
VOLUME/CAPACITY (V/C) RATIO:		0.464		0.475		0.525		0.536		0.536		0.536		0.536		0.536		0.536	
V/C LESS ATSAC/ATCS ADJUSTMENT:		0.394		0.405		0.455		0.466		0.466		0.466		0.466		0.466		0.466	
LEVEL OF SERVICE (LOS):		A		A		A		A		A		A		A		A		A	

REMARKS:

Version: 1i Beta; 8/4/2011

PROJECT IMPACT

Change in v/c due to project:	0.011	Δv/c after mitigation:	0.011
Significant impacted?	NO	Fully mitigated?	N/A

Level of Service Worksheet (Circular 212 Method)



I/S #:	North-South Street:	Broadway		Year of Count:	2017		Ambient Growth: (%):	1.0018		Conducted by:	IBI Group		Date:	7/31/2017					
	East-West Street:	4th St		Projection Year:	2021		Peak Hour:	AM		Reviewed by:	Lydia La Point		Project:	340 S. Hill					
No. of Phases		2		2		2		2		2		2		2					
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0		0		0		0		0		0					
Right Turns: FREE-1, NRTOR-2 or OLA-3?		NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0				
		EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0				
ATSAC-1 or ATSAC+ATCS-2?		1		1		1		1		1		1		1					
Override Capacity		0		0		0		0		0		0		0					
MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION				
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Left-Through																		
	Through	491	1	290	0	491	290	58	569	1	331	0	569	1	331	0	569	1	331
	Through-Right																		
	Right	88	0	88	0	88	88	0	92	0	92	0	92	0	92	0	92	0	92
SOUTHBOUND	Left	4	0	4	0	4	4	0	4	0	4	0	4	0	4	0	4	0	4
	Left-Through																		
	Through	328	1	332	0	328	332	24	365	0	369	0	365	0	369	0	365	0	369
	Through-Right																		
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND	Left	98	0	98	15	113	113	0	102	0	102	15	117	0	117	0	117	0	117
	Left-Through																		
	Through	827	2	249	26	853	264	135	996	2	293	26	1022	2	308	0	1022	2	308
	Through-Right																		
	Right	70	0	249	21	91	264	0	73	0	293	21	94	0	308	0	94	0	308
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through																		
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right																		
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRITICAL VOLUMES		North-South: 332		North-South: 332		North-South: 369		North-South: 369		North-South: 369		North-South: 369		North-South: 369					
		East-West: 249		East-West: 264		East-West: 293		East-West: 293		East-West: 308		East-West: 308		East-West: 308					
		SUM: 581		SUM: 596		SUM: 662		SUM: 662		SUM: 677		SUM: 677		SUM: 677					
VOLUME/CAPACITY (V/C) RATIO:		0.387		0.397		0.441		0.441		0.451		0.451		0.451					
V/C LESS ATSAC/ATCS ADJUSTMENT:		0.317		0.327		0.371		0.371		0.381		0.381		0.381					
LEVEL OF SERVICE (LOS):		A		A		A		A		A		A		A					

REMARKS:

Version: 1i Beta; 8/4/2011

PROJECT IMPACT

Change in v/c due to project:	0.010	Δv/c after mitigation:	0.010
Significant impacted?	NO	Fully mitigated?	N/A

Level of Service Worksheet (Circular 212 Method)

I/S #:	North-South Street:	Grand Ave			Year of Count:	2017		Ambient Growth: (%):	1.0018		Conducted by:	IBI Group		Date:	7/31/2017				
	East-West Street:	5th St			Projection Year:	2021		Peak Hour:	AM		Reviewed by:	Lydia La Point		Project:	340 S. Hill				
	No. of Phases					2			2			2			2				
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?					0			0			0			0				
	Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0		
	ATSAC-1 or ATSAC+ATCS-2?	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0		
	Override Capacity					1			1			1			1				
						0			0			0			0				
MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Left-Through		0																
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Through-Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SOUTHBOUND	Left-Through-Right		0																
	Left-Right		0																
	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Left-Through		0																
	Through	690	3	230	0	690	230	89	807	3	269	0	807	3	269	0	807	3	269
EASTBOUND	Through-Right		0																
	Right	215	1	215	0	215	215	0	224	1	224	0	224	1	224	0	224	1	224
	Left-Through-Right		0																
	Left-Right		0																
	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WESTBOUND	Left-Through		0																
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Through-Right		0																
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Left-Through-Right		0																
Left-Right		0																	
	Left	319	1	269	0	319	276	0	332	1	290	0	332	1	297	0	332	1	297
	Left-Through		1																
	Through	1026	3	269	33	1059	276	50	1118	3	290	33	1151	3	297	0	1151	3	297
	Through-Right		1																
	Right	150	0	150	0	150	150	0	156	0	156	0	156	0	156	0	156	0	156
	Left-Through-Right		0																
	Left-Right		0																
	CRITICAL VOLUMES	North-South: 230			North-South: 230			North-South: 269				North-South: 269				North-South: 269			
		East-West: 269			East-West: 276			East-West: 290				East-West: 297				East-West: 297			
		SUM: 499			SUM: 506			SUM: 559				SUM: 566				SUM: 566			
	VOLUME/CAPACITY (V/C) RATIO:	0.333			0.337			0.373				0.377				0.377			
	V/C LESS ATSAC/ATCS ADJUSTMENT:	0.263			0.267			0.303				0.307				0.307			
	LEVEL OF SERVICE (LOS):	A			A			A				A				A			

REMARKS:

Version: 1i Beta; 8/4/2011

PROJECT IMPACT	
Change in v/c due to project:	0.004
Significant impacted?	NO
Δv/c after mitigation:	0.004
Fully mitigated?	N/A

Level of Service Worksheet (Circular 212 Method)



I/S #:	North-South Street:		Olive St		Year of Count:		2017		Ambient Growth: (%):		1.0018		Conducted by:		IBI Group		Date:		7/31/2017		
	10	East-West Street:		5th St		Projection Year:		2021		Peak Hour:		AM		Reviewed by:		Lydia La Point		Project:		340 S. Hill	
		No. of Phases		3		3		3		3		3		3		3		3		3	
		Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		1		1		1		1		1		1		1		1		1	
		Right Turns: FREE-1, NRTOR-2 or OLA-3?		2		2		2		2		2		2		2		2		2	
		ATSAC-1 or ATSAC+ATCS-2?		1		1		1		1		1		1		1		1		1	
		Override Capacity		0		0		0		0		0		0		0		0		0	
		NB--		0		0		0		0		0		0		0		0		0	
		SB--		2		2		2		2		2		2		2		2		2	
		EB--		0		0		0		0		0		0		0		0		0	
		WB--		0		0		0		0		0		0		0		0		0	
MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION						
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume			
NORTHBOUND	Left	392	2	216	0	392	216	0	408	2	224	0	408	2	224	0	408	2	224		
	Left-Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Through	555	2	278	0	555	278	14	592	2	296	0	592	2	296	0	592	2	296		
	Through-Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
SOUTHBOUND	Left-Through-Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Left-Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Left-Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Through	186	2	102	0	186	102	0	194	2	107	0	194	2	107	0	194	2	107		
EASTBOUND	Through-Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Left-Through-Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Left-Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
WESTBOUND	Left-Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Through	996	3	264	33	1029	273	50	1087	3	288	33	1120	3	296	0	1120	3	296		
	Through-Right	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0		
	Right	61	0	61	0	61	61	0	63	0	63	0	63	0	63	0	63	0	63		
	Left-Through-Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
CRITICAL VOLUMES		North-South:		380		North-South:		380		North-South:		403		North-South:		403		North-South:		403	
		East-West:		264		East-West:		273		East-West:		288		East-West:		296		East-West:		296	
		SUM:		644		SUM:		653		SUM:		691		SUM:		699		SUM:		699	
VOLUME/CAPACITY (V/C) RATIO:				0.452				0.458				0.485				0.491				0.491	
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.382				0.388				0.415				0.421				0.421	
LEVEL OF SERVICE (LOS):				A				A				A				A				A	

REMARKS:

Version: 1i Beta; 8/4/2011

PROJECT IMPACT

Change in v/c due to project:	0.006	Δv/c after mitigation:	0.006
Significant impacted?	NO	Fully mitigated?	N/A

Level of Service Worksheet (Circular 212 Method)



I/S #:	North-South Street:	Hill St	Year of Count:		2017	Ambient Growth: (%)		1.0018	Conducted by:		IBI Group	Date:	7/31/2017						
	11	East-West Street:	5th St	Projection Year:		2021	Peak Hour:		AM	Reviewed by:		Lydia La Point	Project:	340 S. Hill					
No. of Phases			2		2		2		2		2		2						
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0		0		0		0		0		0						
Right Turns: FREE-1, NRTOR-2 or OLA-3?			0		0		0		0		0		0						
ATSAC-1 or ATSAC+ATCS-2?			1		1		1		1		1		1						
Override Capacity			0		0		0		0		0		0						
			NB-- 0 SB-- 0		NB-- 0 SB-- 0		NB-- 0 SB-- 0		NB-- 0 SB-- 0		NB-- 0 SB-- 0		NB-- 0 SB-- 0						
			EB-- 0 WB-- 0		EB-- 0 WB-- 0		EB-- 0 WB-- 0		EB-- 0 WB-- 0		EB-- 0 WB-- 0		EB-- 0 WB-- 0						
MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION				
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	
NORTHBOUND	Left	79	1	79	0	79	79	0	82	1	82	0	82	1	82	0	82	1	82
	Left-Through																		
	Through	402	2	201	7	409	205	83	501	2	251	7	508	2	254	0	508	2	254
	Through-Right																		
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right																		
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through																		
	Through	663	2	332	6	669	335	36	726	2	363	6	732	2	366	0	732	2	366
	Through-Right																		
	Right	182	1	182	19	201	201	0	189	1	189	19	208	1	208	0	208	1	208
	Left-Through-Right																		
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through																		
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right																		
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right																		
WESTBOUND	Left	39	1	39	0	39	39	4	45	1	45	0	45	1	45	0	45	1	45
	Left-Through																		
	Through	1001	2	501	14	1015	508	50	1092	2	546	14	1106	2	553	0	1106	2	553
	Through-Right																		
	Right	79	1	79	0	79	79	0	82	1	82	0	82	1	82	0	82	1	82
	Left-Through-Right																		
CRITICAL VOLUMES			North-South: 411		North-South: 414		North-South: 445		North-South: 448		North-South: 448		North-South: 448		North-South: 448		North-South: 448		
			East-West: 501		East-West: 508		East-West: 546		East-West: 546		East-West: 553		East-West: 553		East-West: 553		East-West: 553		
			SUM: 912		SUM: 922		SUM: 991		SUM: 991		SUM: 1001		SUM: 1001		SUM: 1001		SUM: 1001		
VOLUME/CAPACITY (V/C) RATIO:			0.608		0.615		0.661		0.661		0.667		0.667		0.667		0.667		
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.538		0.545		0.591		0.591		0.597		0.597		0.597		0.597		
LEVEL OF SERVICE (LOS):			A		A		A		A		A		A		A		A		

REMARKS:

Version: 1i Beta; 8/4/2011

PROJECT IMPACT

Change in v/c due to project:	0.006	Δv/c after mitigation:	0.006
Significant impacted?	NO	Fully mitigated?	N/A

Level of Service Worksheet (Circular 212 Method)



I/S #:	North-South Street:	Broadway		Year of Count:	2017		Ambient Growth: (%):	1.0018		Conducted by:	IBI Group		Date:	7/31/2017					
	East-West Street:	5th St		Projection Year:	2021		Peak Hour:	AM		Reviewed by:	Lydia La Point		Project:	340 S. Hill					
	No. of Phases		2		2		2		2		2		2		2				
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0		0		0		0		0		0				
	Right Turns: FREE-1, NRTOR-2 or OLA-3?		0		0		0		0		0		0		0				
	ATSAC-1 or ATSAC+ATCS-2?		1		1		1		1		1		1		1				
	Override Capacity		0		0		0		0		0		0		0				
MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION				
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	
NORTHBOUND	Left	32	0	32	0	32	32	0	33	0	33	0	33	0	33	0	33	0	33
	Left-Through	1	1	2	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1
	Through	532	1	298	0	532	298	58	612	1	339	0	612	1	339	0	612	1	339
	Through-Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through	296	1	296	6	302	302	24	332	1	332	6	338	1	338	0	338	1	338
	Through-Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Right	103	1	103	14	117	117	0	107	1	107	14	121	1	121	0	121	1	121
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND	Left	23	0	23	0	23	23	0	24	0	24	0	24	0	24	0	24	0	24
	Left-Through	1	1	2	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1
	Through	873	1	318	0	873	318	22	931	1	338	0	931	1	338	0	931	1	338
	Through-Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Right	58	0	58	0	58	58	0	60	0	60	0	60	0	60	0	60	0	60
CRITICAL VOLUMES		North-South: 328		North-South: 334		North-South: 365		North-South: 371		North-South: 371		North-South: 371		North-South: 371		North-South: 371		North-South: 371	
		East-West: 318		East-West: 318		East-West: 338		East-West: 338		East-West: 338		East-West: 338		East-West: 338		East-West: 338		East-West: 338	
		SUM: 646		SUM: 652		SUM: 703		SUM: 709		SUM: 709		SUM: 709		SUM: 709		SUM: 709		SUM: 709	
VOLUME/CAPACITY (V/C) RATIO:		0.431		0.435		0.469		0.473		0.473		0.473		0.473		0.473		0.473	
V/C LESS ATSAC/ATCS ADJUSTMENT:		0.361		0.365		0.399		0.403		0.403		0.403		0.403		0.403		0.403	
LEVEL OF SERVICE (LOS):		A		A		A		A		A		A		A		A		A	

REMARKS:

Version: 1i Beta; 8/4/2011

PROJECT IMPACT

Change in v/c due to project:	0.004	Δv/c after mitigation:	0.004
Significant impacted?	NO	Fully mitigated?	N/A

Level of Service Worksheet (Circular 212 Method)



I/S #:	North-South Street:	Olive St	Year of Count:		2017	Ambient Growth: (%)	1.0018	Conducted by:	IBI Group	Date:	7/31/2017									
	East-West Street:	2nd St	Projection Year:		2021	Peak Hour:	PM	Reviewed by:	Lydia La Point	Project:	340 S. Hill									
	No. of Phases				3					3										
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				2					2										
	Right Turns: FREE-1, NRTOR-2 or OLA-3?		NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0						
	ATSAC-1 or ATSAC+ATCS-2?		EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0						
	Override Capacity				1					1										
					0					0										
MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION					
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume		
NORTHBOUND	Left	199	1	199	0	199	199	0	207	1	207	0	207	1	207	0	207	1	207	
	Left-Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Through	918	3	306	0	918	306	0	955	3	318	0	955	3	318	0	955	3	318	
	Through-Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Left-Through-Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Left-Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Through	179	1	122	0	179	122	0	186	1	127	0	186	1	127	0	186	1	127	
	Through-Right	64	0	64	0	64	64	0	67	0	67	0	67	0	67	0	67	0	67	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Left-Through-Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND	Left	38	2	21	0	38	21	0	40	2	22	0	40	2	22	0	40	2	22	
	Left-Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Through-Right	103	1	4	0	103	4	0	107	1	4	0	107	1	4	0	107	1	4	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Left-Through-Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND	Left	39	0	39	0	39	39	0	41	0	41	0	41	0	41	0	41	0	41	
	Left-Through	1	1	1	0	1	1	0	1	1	1	0	1	1	1	0	1	1	1	
	Through	78	0	66	0	78	66	0	81	0	69	0	81	0	69	0	81	0	69	
	Through-Right	15	1	66	0	15	66	0	16	1	69	0	16	1	69	0	16	1	69	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Left-Through-Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRITICAL VOLUMES		North-South:		321	North-South:		321	North-South:		334	North-South:		334	North-South:		334	North-South:		334	
		East-West:		87	East-West:		87	East-West:		91	East-West:		91	East-West:		91	East-West:		91	
		SUM:		408	SUM:		408	SUM:		425	SUM:		425	SUM:		425	SUM:		425	
VOLUME/CAPACITY (V/C) RATIO:					0.286			0.286			0.298			0.298			0.298			0.298
V/C LESS ATSAC/ATCS ADJUSTMENT:					0.216			0.216			0.228			0.228			0.228			0.228
LEVEL OF SERVICE (LOS):					A			A			A			A			A			A

REMARKS:

Version: 1i Beta; 8/4/2011

PROJECT IMPACT

Change in v/c due to project:	0.000	Δv/c after mitigation:	0.000
Significant impacted?	NO	Fully mitigated?	N/A

Level of Service Worksheet (Circular 212 Method)



I/S #:	North-South Street: Hill St		Year of Count: 2017		Ambient Growth: (%): 1.0018		Conducted by: IBI Group		Date: 7/31/2017											
	East-West Street: 2nd St		Projection Year: 2021		Peak Hour: PM		Reviewed by: Lydia La Point		Project: 340 S. Hill											
No. of Phases: 2 Opposed Ø'ing: N/S-1, E/W-2 or Both-3? Right Turns: FREE-1, NRTOR-2 or OLA-3? ATSAC-1 or ATSAC+ATCS-2? Override Capacity			NB-- 0 SB-- 0 EB-- 0 WB-- 0		NB-- 0 SB-- 0 EB-- 0 WB-- 0		NB-- 0 SB-- 0 EB-- 0 WB-- 0		NB-- 0 SB-- 0 EB-- 0 WB-- 0											
			NB-- 0 SB-- 0 EB-- 0 WB-- 0		NB-- 0 SB-- 0 EB-- 0 WB-- 0		NB-- 0 SB-- 0 EB-- 0 WB-- 0		NB-- 0 SB-- 0 EB-- 0 WB-- 0											
MOVEMENT			EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
			Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	123	1	123	6	129	129	0	128	1	128	6	134	1	134	0	134	1	134	
	Left-Through		0							0				0				0		
	Through	710	1	378	10	720	383	71	810	1	429	10	820	1	434	0	820	1	434	
	Through-Right		1							1				1				1		
	Right	46	0	46	0	46	46	0	48	0	48	0	48	0	48	0	48	0	48	
	Left-Through-Right		0							0				0				0		
	Left-Right		0							0				0				0		
SOUTHBOUND	Left	31	1	31	0	31	31	0	32	1	32	0	32	1	32	0	32	1	32	
	Left-Through		0							0				0				0		
	Through	850	1	472	23	873	483	116	1001	1	549	23	1024	1	561	0	1024	1	561	
	Through-Right		1							1				1				1		
	Right	93	0	93	0	93	93	0	97	0	97	0	97	0	97	0	97	0	97	
	Left-Through-Right		0							0				0				0		
	Left-Right		0							0				0				0		
EASTBOUND	Left	57	0	57	0	57	57	0	59	0	59	0	59	0	59	0	59	0	59	
	Left-Through		1							1				1				1		
	Through	315	0	372	0	315	372	0	328	0	387	0	328	0	387	0	328	0	387	
	Through-Right		0							0				0				0		
	Right	233	1	172	19	252	188	0	242	1	178	19	261	1	194	0	261	1	194	
	Left-Through-Right		0							0				0				0		
	Left-Right		0							0				0				0		
WESTBOUND	Left	9	0	9	0	9	9	0	9	0	9	0	9	0	9	0	9	0	9	
	Left-Through		0							1				1				1		
	Through	138	0	190	4	142	194	0	144	0	198	4	148	0	202	0	148	0	202	
	Through-Right		0							1				1				1		
	Right	43	0	0	0	43	0	0	45	0	0	0	45	0	0	0	45	0	0	
	Left-Through-Right		1							1				1				1		
	Left-Right		0							0				0				0		
CRITICAL VOLUMES			North-South: 595 East-West: 381 SUM: 976			North-South: 612 East-West: 381 SUM: 993			North-South: 677 East-West: 396 SUM: 1073				North-South: 695 East-West: 396 SUM: 1091				North-South: 695 East-West: 396 SUM: 1091			
VOLUME/CAPACITY (V/C) RATIO:			0.651			0.662			0.715				0.727				0.727			
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.581			0.592			0.645				0.657				0.657			
LEVEL OF SERVICE (LOS):			A			A			B				B				B			

REMARKS:

Version: 1i Beta; 8/4/2011

PROJECT IMPACT

Change in v/c due to project:	0.012	Δv/c after mitigation:	0.012
Significant impacted?	NO	Fully mitigated?	N/A

Level of Service Worksheet (Circular 212 Method)



I/S #:	North-South Street:	Broadway		Year of Count:	2017			Ambient Growth: (%):	1.0018			Conducted by:	IBI Group			Date:	7/31/2017				
3	East-West Street:	2nd St		Projection Year:	2021			Peak Hour:	PM			Reviewed by:	Lydia La Point			Project:	340 S. Hill				
No. of Phases		3		Year of Count		2017		Ambient Growth: (%)		1.0018		Conducted by		IBI Group		Date		7/31/2017			
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		Projection Year		2021		Peak Hour		PM		Reviewed by		Lydia La Point		Project		340 S. Hill			
Right Turns: FREE-1, NRTOR-2 or OLA-3?		NB--	0	SB--	2	NB--	0	SB--	2	NB--	0	SB--	2	NB--	0	SB--	2	NB--	0	SB--	2
ATSAC-1 or ATSAC+ATCS-2?		EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0
Override Capacity		1		Year of Count		2017		Ambient Growth: (%)		1.0018		Conducted by		IBI Group		Date		7/31/2017			
Override Capacity		0		Projection Year		2021		Peak Hour		PM		Reviewed by		Lydia La Point		Project		340 S. Hill			
ATSAC-1 or ATSAC+ATCS-2?		1		Year of Count		2017		Ambient Growth: (%)		1.0018		Conducted by		IBI Group		Date		7/31/2017			
Override Capacity		0		Projection Year		2021		Peak Hour		PM		Reviewed by		Lydia La Point		Project		340 S. Hill			

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	↵	124	0	124	4	128	128	0	129	0	129	4	133	0	133	0	133	0	133
	↵↵	765	1	508	3	768	514	60	856	1	559	3	859	0	564	0	859	1	564
	↵↵↵	3	1	508	0	3	514	0	3	1	559	0	3	0	564	0	3	1	564
	↵↵↵↵	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↵↵↵↵↵	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↵↵↵↵↵↵	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND	↵	2	0	2	0	2	2	0	2	0	2	0	2	0	2	0	2	0	2
	↵↵	339	1	341	0	339	341	58	411	1	413	0	411	0	413	0	411	1	413
	↵↵↵	61	0	61	0	61	61	0	63	0	63	0	63	1	63	0	63	1	63
	↵↵↵↵	0	1	61	0	61	61	0	63	1	63	0	63	1	63	0	63	1	63
	↵↵↵↵↵	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↵↵↵↵↵↵	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND	↵	228	0	228	0	228	228	0	237	0	237	0	237	0	237	0	237	0	237
	↵↵	8	1	236	0	8	236	0	8	1	245	0	8	0	245	0	8	1	245
	↵↵↵	156	0	156	0	156	156	0	162	0	162	0	162	1	162	0	162	1	162
	↵↵↵↵	0	1	156	0	156	156	0	162	1	162	0	162	1	162	0	162	1	162
	↵↵↵↵↵	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↵↵↵↵↵↵	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND	↵	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	↵↵	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0
	↵↵↵	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRITICAL VOLUMES	North-South:	510		North-South:	516		North-South:		561		North-South:		566		North-South:		566		
	East-West:	236		East-West:	236		East-West:		245		East-West:		245		East-West:		245		
	SUM:	746		SUM:	752		SUM:		806		SUM:		811		SUM:		811		
VOLUME/CAPACITY (V/C) RATIO:		0.524		V/C LESS ATSAC/ATCS ADJUSTMENT:		0.454		LEVEL OF SERVICE (LOS):		A									

REMARKS:

Version: 1i Beta; 8/4/2011

PROJECT IMPACT	
Change in v/c due to project:	0.003
Significant impacted?	NO
Δv/c after mitigation:	0.003
Fully mitigated?	N/A

Level of Service Worksheet (Circular 212 Method)



I/S #:	North-South Street:	Hill St		Year of Count:	2017		Ambient Growth: (%):	1.0018		Conducted by:	IBI Group		Date:	7/31/2017					
	East-West Street:	3rd St		Projection Year:	2021		Peak Hour:	PM		Reviewed by:	Lydia La Point		Project:	340 S. Hill					
No. of Phases		2		2		2		2		2		2		2					
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0		0		0		0		0		0					
Right Turns: FREE-1, NRTOR-2 or OLA-3?		NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0				
		EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0				
ATSAC-1 or ATSAC+ATCS-2?		1		1		1		1		1		1		1					
Override Capacity		0		0		0		0		0		0		0					
MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION				
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	
NORTHBOUND	Left	68	1	68	8	76	76	0	71	1	71	8	79	1	79	0	79	1	79
	Left-Through		0							0				0				0	
	Through	629	2	315	16	645	323	71	726	2	363	16	742	2	371	0	742	2	371
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	919	2	460	41	960	480	116	1072	2	536	41	1113	2	557	0	1113	2	557
	Through-Right		0							0				0				0	
	Right	257	1	257	0	257	257	0	267	1	267	0	267	1	267	0	267	1	267
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND	Left	106	1	106	20	126	126	0	110	1	110	20	130	1	130	0	130	1	130
	Left-Through		0							1				1				1	
	Through	984	2	492	2	986	493	138	1162	2	581	2	1164	2	582	0	1164	2	582
	Through-Right		0							1				1				1	
	Right	150	1	150	0	150	150	0	156	1	156	0	156	1	156	0	156	1	156
CRITICAL VOLUMES		North-South:	528	North-South:	556	North-South:	607	North-South:	636	North-South:	636	North-South:	636	North-South:	636	North-South:	636	North-South:	636
		East-West:	492	East-West:	493	East-West:	581	East-West:	582	East-West:	582	East-West:	582	East-West:	582	East-West:	582	East-West:	582
		SUM:	1020	SUM:	1049	SUM:	1188	SUM:	1218	SUM:	1218	SUM:	1218	SUM:	1218	SUM:	1218	SUM:	1218
VOLUME/CAPACITY (V/C) RATIO:		0.680		0.699		0.792		0.812		0.812		0.812		0.812		0.812		0.812	
V/C LESS ATSAC/ATCS ADJUSTMENT:		0.610		0.629		0.722		0.742		0.742		0.742		0.742		0.742		0.742	
LEVEL OF SERVICE (LOS):		B		B		C		C		C		C		C		C		C	

REMARKS:

Version: 1i Beta; 8/4/2011

PROJECT IMPACT

Change in v/c due to project:	0.020	Δv/c after mitigation:	0.020
Significant impacted?	NO	Fully mitigated?	N/A

Level of Service Worksheet (Circular 212 Method)



I/S #:	North-South Street:	Olive St		Year of Count:	2017		Ambient Growth: (%):	1.0018		Conducted by:	IBI Group		Date:	7/31/2017					
	6	East-West Street:	4th St		Projection Year:	2021		Peak Hour:	PM		Reviewed by:	Lydia La Point		Project:	340 S. Hill				
No. of Phases				2		2		2		2		2		2					
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0		0		0		0		0		0					
Right Turns: FREE-1, NRTOR-2 or OLA-3?		NB-- 0 SB-- 0		0 0		0 0		0 0		0 0		0 0		0 0					
ATSAC-1 or ATSAC+ATCS-2?		EB-- 0 WB-- 0		0 0		0 0		0 0		0 0		0 0		0 0					
Override Capacity		1		1		1		1		1		1		1					
		0		0		0		0		0		0		0					
MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION				
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Left-Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Through	824	2	321	0	824	321	0	858	2	337	0	858	2	337	0	858	2	337
	Through-Right	138	1	138	0	138	138	9	153	1	153	0	153	0	153	0	153	0	153
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND	Left	103	2	57	0	103	57	0	107	2	59	0	107	2	59	0	107	2	59
	Left-Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through	195	1	195	0	195	195	0	203	1	203	0	203	1	203	0	203	1	203
	Through-Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND	Left	178	1	178	0	178	178	0	185	1	185	0	185	1	185	0	185	1	185
	Left-Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through	1045	4	261	48	1093	273	217	1305	4	326	48	1353	4	338	0	1353	4	338
	Through-Right	120	0	120	0	120	120	0	125	0	125	0	125	0	125	0	125	0	125
	Right	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
	Left-Through-Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRITICAL VOLUMES		North-South: 378		North-South: 378		North-South: 378		North-South: 396		North-South: 396		North-South: 396		North-South: 396		North-South: 396		North-South: 396	
		East-West: 261		East-West: 273		East-West: 273		East-West: 326		East-West: 326		East-West: 338		East-West: 338		East-West: 338		East-West: 338	
		SUM: 639		SUM: 651		SUM: 651		SUM: 722		SUM: 722		SUM: 734		SUM: 734		SUM: 734		SUM: 734	
VOLUME/CAPACITY (V/C) RATIO:		0.426		0.434		0.434		0.481		0.481		0.489		0.489		0.489		0.489	
V/C LESS ATSAC/ATCS ADJUSTMENT:		0.356		0.364		0.364		0.411		0.411		0.419		0.419		0.419		0.419	
LEVEL OF SERVICE (LOS):		A		A		A		A		A		A		A		A		A	

REMARKS:

Version: 1i Beta; 8/4/2011

PROJECT IMPACT

Change in v/c due to project:	0.008	Δv/c after mitigation:	0.008
Significant impacted?	NO	Fully mitigated?	N/A

Level of Service Worksheet (Circular 212 Method)



I/S #:	North-South Street:	Hill St	Year of Count:		2017	Ambient Growth: (%)		1.0018	Conducted by:		IBI Group	Date:	7/31/2017						
	East-West Street:	4th St	Projection Year:		2021	Peak Hour:		PM	Reviewed by:		Lydia La Point	Project:	340 S. Hill						
No. of Phases		2		2		2		2		2		2							
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0		0		0		0		0							
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0		0		0		0		0		0							
ATSAC-1 or ATSAC+ATCS-2?		1		1		1		1		1		1							
Override Capacity		0		0		0		0		0		0							
		NB-- 0 SB-- 0		NB-- 0 SB-- 0		NB-- 0 SB-- 0		NB-- 0 SB-- 0		NB-- 0 SB-- 0		NB-- 0 SB-- 0							
		EB-- 0 WB-- 0		EB-- 0 WB-- 0		EB-- 0 WB-- 0		EB-- 0 WB-- 0		EB-- 0 WB-- 0		EB-- 0 WB-- 0							
MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION				
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Left-Through																		
	Through	683	1	412	53	736	440	61	772	1	464	53	825	1	492	0	825	1	492
	Through-Right																		
	Right	140	0	140	3	143	143	10	156	0	156	3	159	0	159	0	159	0	159
	Left-Through-Right																		
Left-Right																			
SOUTHBOUND	Left	118	1	118	38	156	156	0	123	1	123	38	161	1	161	0	161	1	161
	Left-Through																		
	Through	870	2	435	15	885	443	116	1021	2	511	15	1036	2	518	0	1036	2	518
	Through-Right																		
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right																		
Left-Right																			
EASTBOUND	Left	17	0	17	0	17	17	9	27	0	27	0	27	0	27	0	27	0	27
	Left-Through																		
	Through	1152	2	320	48	1200	332	133	1332	2	389	48	1380	2	401	0	1380	2	401
	Through-Right																		
	Right	110	0	320	0	110	332	84	198	0	389	0	198	0	401	0	198	0	401
	Left-Through-Right																		
Left-Right																			
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through																		
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right																		
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right																		
Left-Right																			
CRITICAL VOLUMES		North-South: 530		North-South: 596		North-South: 587		North-South: 653		North-South: 653		North-South: 653		North-South: 653		North-South: 653		North-South: 653	
		East-West: 320		East-West: 332		East-West: 389		East-West: 401		East-West: 401		East-West: 401		East-West: 401		East-West: 401		East-West: 401	
		SUM: 850		SUM: 928		SUM: 976		SUM: 1054		SUM: 1054		SUM: 1054		SUM: 1054		SUM: 1054		SUM: 1054	
VOLUME/CAPACITY (V/C) RATIO:		0.567		0.619		0.651		0.703		0.703		0.703		0.703		0.703		0.703	
V/C LESS ATSAC/ATCS ADJUSTMENT:		0.497		0.549		0.581		0.633		0.633		0.633		0.633		0.633		0.633	
LEVEL OF SERVICE (LOS):		A		A		A		B		B		B		B		B		B	

REMARKS:

Version: 1i Beta; 8/4/2011

PROJECT IMPACT

Change in v/c due to project:	0.052	Δv/c after mitigation:	0.052
Significant impacted?	NO	Fully mitigated?	N/A

Level of Service Worksheet (Circular 212 Method)



I/S #:	North-South Street:	Broadway		Year of Count:	2017		Ambient Growth: (%):	1.0018		Conducted by:	IBI Group		Date:	7/31/2017					
	East-West Street:	4th St		Projection Year:	2021		Peak Hour:	PM		Reviewed by:	Lydia La Point		Project:	340 S. Hill					
No. of Phases		2		2		2		2		2		2		2					
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		0		0		0		0		0		0		0					
Right Turns: FREE-1, NRTOR-2 or OLA-3?		NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0				
		EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0				
ATSAC-1 or ATSAC+ATCS-2?		1		1		1		1		1		1		1					
Override Capacity		0		0		0		0		0		0		0					
MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION				
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Left-Through																		
	Through	680	1	435	0	680	435	60	768	1	483	0	768	1	483	0	768	1	483
	Through-Right																		
	Right	190	0	190	0	190	190	0	198	0	198	0	198	0	198	0	198	0	198
	Left-Through-Right																		
	Left-Right																		
SOUTHBOUND	Left	7	0	7	0	7	7	0	7	0	7	0	7	0	7	0	7	0	7
	Left-Through																		
	Through	430	1	437	0	430	437	58	505	0	512	0	505	0	512	0	505	0	512
	Through-Right																		
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right																		
	Left-Right																		
EASTBOUND	Left	98	0	98	9	107	107	0	102	0	102	9	111	0	111	0	111	0	111
	Left-Through																		
	Through	1279	2	368	15	1294	385	143	1474	2	419	15	1489	2	436	0	1489	2	436
	Through-Right																		
	Right	96	0	368	44	140	385	0	100	0	419	44	144	0	436	0	144	0	436
	Left-Through-Right																		
	Left-Right																		
WESTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through																		
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right																		
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right																		
	Left-Right																		
CRITICAL VOLUMES		North-South: 442		North-South: 442		North-South: 512		North-South: 512		North-South: 512		North-South: 512		North-South: 512		North-South: 512		North-South: 512	
		East-West: 368		East-West: 385		East-West: 419		East-West: 419		East-West: 436		East-West: 436		East-West: 436		East-West: 436		East-West: 436	
		SUM: 810		SUM: 827		SUM: 931		SUM: 931		SUM: 948		SUM: 948		SUM: 948		SUM: 948		SUM: 948	
VOLUME/CAPACITY (V/C) RATIO:		0.540		0.551		0.621		0.621		0.632		0.632		0.632		0.632		0.632	
V/C LESS ATSAC/ATCS ADJUSTMENT:		0.470		0.481		0.551		0.551		0.562		0.562		0.562		0.562		0.562	
LEVEL OF SERVICE (LOS):		A		A		A		A		A		A		A		A		A	

REMARKS:

Version: 1i Beta; 8/4/2011

PROJECT IMPACT

Change in v/c due to project:	0.011	Δv/c after mitigation:	0.011
Significant impacted?	NO	Fully mitigated?	N/A

Level of Service Worksheet (Circular 212 Method)



I/S #:	North-South Street:	Grand Ave		Year of Count:	2017		Ambient Growth: (%):	1.0018		Conducted by:	IBI Group		Date:	7/31/2017					
	East-West Street:	5th St		Projection Year:	2021		Peak Hour:	PM		Reviewed by:	Lydia La Point		Project:	340 S. Hill					
9	No. of Phases	2			2			2			2			2					
	Opposed Ø'ing: N/S-1, E/W-2 or Both-3?	0			0			0			0			0					
	Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB-- 0	NB-- 0	SB-- 0	NB-- 0	SB-- 0	NB-- 0	SB-- 0	NB-- 0	SB-- 0	NB-- 0	SB-- 0	NB-- 0	SB-- 0				
	ATSAC-1 or ATSAC+ATCS-2?	EB-- 0	WB-- 0	EB-- 0	WB-- 0	EB-- 0	WB-- 0	EB-- 0	WB-- 0	EB-- 0	WB-- 0	EB-- 0	WB-- 0	EB-- 0	WB-- 0				
Override Capacity	1			1			1			1			1						
		0			0			0			0			0					
MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION				
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Left-Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Through-Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Left-Through-Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Left-Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Left-Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Through	964	3	321	0	964	321	226	1229	3	410	0	1229	3	410	0	1229	3	410
	Through-Right	255	1	255	0	255	255	0	265	1	265	0	265	1	265	0	265	1	265
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Left-Through-Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Left-Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Left-Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Through-Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Left-Through-Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Left-Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WESTBOUND	Left	377	1	346	0	377	350	0	392	1	373	0	392	1	377	0	392	1	377
	Left-Through	1	1	1	0	1	1	0	1	1	1	0	1	1	1	0	1	1	1
	Through	1352	3	346	20	1372	350	66	1473	3	373	20	1493	3	377	0	1493	3	377
	Through-Right	291	1	291	0	291	291	0	303	1	303	0	303	1	303	0	303	1	303
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Left-Through-Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Left-Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CRITICAL VOLUMES		North-South:	321	North-South:	321	North-South:	410	North-South:	410	North-South:	410	North-South:	410	North-South:	410	North-South:	410	North-South:	410
		East-West:	346	East-West:	350	East-West:	373	East-West:	373	East-West:	377	East-West:	377	East-West:	377	East-West:	377	East-West:	377
		SUM:	667	SUM:	671	SUM:	783	SUM:	783	SUM:	787	SUM:	787	SUM:	787	SUM:	787	SUM:	787
VOLUME/CAPACITY (V/C) RATIO:			0.445		0.447		0.522		0.522		0.525		0.525		0.525		0.525		0.525
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.375		0.377		0.452		0.452		0.455		0.455		0.455		0.455		0.455
LEVEL OF SERVICE (LOS):			A		A		A		A		A		A		A		A		A

REMARKS:

Version: 1i Beta; 8/4/2011

PROJECT IMPACT

Change in v/c due to project:	0.003	Δv/c after mitigation:	0.003
Significant impacted?	NO	Fully mitigated?	N/A

Level of Service Worksheet (Circular 212 Method)



I/S #:	North-South Street:	Olive St		Year of Count:	2017	Ambient Growth: (%):	1.0018	Conducted by:	IBI Group		Date:	7/31/2017							
	10	East-West Street:	5th St		Projection Year:	2021	Peak Hour:	PM	Reviewed by:	Lydia La Point		Project:	340 S. Hill						
No. of Phases		3		3		3		3		3		3							
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?		1		1		1		1		1		1							
Right Turns: FREE-1, NRTOR-2 or OLA-3?		NB--	0	SB--	2	NB--	0	SB--	2	NB--	0	SB--	2						
		EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0						
ATSAC-1 or ATSAC+ATCS-2?		1		1		1		1		1		1							
Override Capacity		0		0		0		0		0		0							
MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION				
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	
NORTHBOUND	Left	581	2	320	0	581	320	0	605	2	333	0	605	2	333	0	605	2	333
	Left-Through		0							0				0				0	
	Through	836	2	418	0	836	418	9	879	2	440	0	879	2	440	0	879	2	440
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHBOUND	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EASTBOUND	Through-Right		0							0				0				0	
	Right	430	2	237	0	430	237	0	447	2	246	0	447	2	246	0	447	2	246
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTBOUND	Left-Through		0							0				0				0	
	Through	991	3	268	20	1011	273	66	1097	3	295	20	1117	3	300	0	1117	3	300
	Through-Right		1							1				1				1	
	Right	79	0	79	0	79	79	0	82	0	82	0	82	0	82	0	82	0	82
	Left-Through-Right		0							0				0				0	
CRITICAL VOLUMES	North-South:	655		North-South:	655		North-South:	686		North-South:	686		North-South:	686					
	East-West:	268		East-West:	273		East-West:	295		East-West:	300		East-West:	300					
	SUM:	923		SUM:	928		SUM:	981		SUM:	986		SUM:	986					
VOLUME/CAPACITY (V/C) RATIO:	0.648		0.651		0.688		0.692		0.692										
V/C LESS ATSAC/ATCS ADJUSTMENT:	0.578		0.581		0.618		0.622		0.622										
LEVEL OF SERVICE (LOS):	A		A		B		B		B										

REMARKS:

Version: 1i Beta; 8/4/2011

PROJECT IMPACT

Change in v/c due to project:	0.004	Δv/c after mitigation:	0.004
Significant impacted?	NO	Fully mitigated?	N/A

Level of Service Worksheet (Circular 212 Method)



I/S #:	North-South Street:	Hill St		Year of Count:	2017		Ambient Growth: (%):	1.0018		Conducted by:	IBI Group		Date:	7/31/2017					
	11	East-West Street:	5th St		Projection Year:	2021		Peak Hour:	PM		Reviewed by:	Lydia La Point		Project:	340 S. Hill				
No. of Phases				2		2		2		2		2		2					
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0		0		0		0		0		0					
Right Turns: FREE-1, NRTOR-2 or OLA-3?		NB-- 0 SB-- 0		0 0		0 0		0 0		0 0		0 0		0 0					
ATSAC-1 or ATSAC+ATCS-2?		EB-- 0 WB-- 0		0 0		0 0		0 0		0 0		0 0		0 0					
Override Capacity		1		1		1		1		1		1		1					
		0		0		0		0		0		0		0					
MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION				
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	
NORTHBOUND	Left	112	1	112	0	112	112	0	117	1	117	0	117	1	117	0	117	1	117
	Left-Through		0							0				0				0	
	Through	734	2	367	24	758	379	116	880	2	440	24	904	2	452	0	904	2	452
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	806	2	403	4	810	405	93	932	2	466	4	936	2	468	0	936	2	468
	Through-Right		0							0				0				0	
	Right	119	1	119	11	130	130	0	124	1	124	11	135	1	135	0	135	1	135
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
EASTBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through		0							0				0				0	
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Through-Right		0							0				0				0	
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
WESTBOUND	Left	74	1	74	0	74	74	7	84	1	84	0	84	1	84	0	84	1	84
	Left-Through		0							1				1				1	
	Through	732	2	366	8	740	370	66	828	2	414	8	836	2	418	0	836	2	418
	Through-Right		0							1				1				1	
	Right	150	1	150	32	182	182	0	156	1	156	32	188	1	188	0	188	1	188
	Left-Through-Right		0							0				0				0	
	Left-Right		0							0				0				0	
CRITICAL VOLUMES		North-South: 515		North-South: 517		North-South: 583		North-South: 585		North-South: 585		North-South: 585		North-South: 585		North-South: 585		North-South: 585	
		East-West: 366		East-West: 370		East-West: 414		East-West: 418		East-West: 418		East-West: 418		East-West: 418		East-West: 418		East-West: 418	
		SUM: 881		SUM: 887		SUM: 997		SUM: 1003		SUM: 1003		SUM: 1003		SUM: 1003		SUM: 1003		SUM: 1003	
VOLUME/CAPACITY (V/C) RATIO:		0.587		0.591		0.665		0.669		0.669		0.669		0.669		0.669		0.669	
V/C LESS ATSAC/ATCS ADJUSTMENT:		0.517		0.521		0.595		0.599		0.599		0.599		0.599		0.599		0.599	
LEVEL OF SERVICE (LOS):		A		A		A		A		A		A		A		A		A	

REMARKS:

Version: 1i Beta; 8/4/2011

PROJECT IMPACT

Change in v/c due to project:	0.004	Δv/c after mitigation:	0.004
Significant impacted?	NO	Fully mitigated?	N/A

Design Plans



4TH AND HILL
350 SOUTH HILL STREET
LOS ANGELES, CALIFORNIA



EQR
TCA # 2013-113

SITE PLAN REVIEW SUBMITTAL
MAY 24, 2017

BUILDING RENDERING:
VIEW LOOKING EAST



4TH AND HILL
350 SOUTH HILL STREET
LOS ANGELES, CALIFORNIA



EQR
TCA # 2013-113

SITE PLAN REVIEW SUBMITTAL
MAY 24, 2017

BUILDING RENDERING:
VIEW OF METRO PLAZA



4TH AND HILL
350 SOUTH HILL STREET
LOS ANGELES, CALIFORNIA

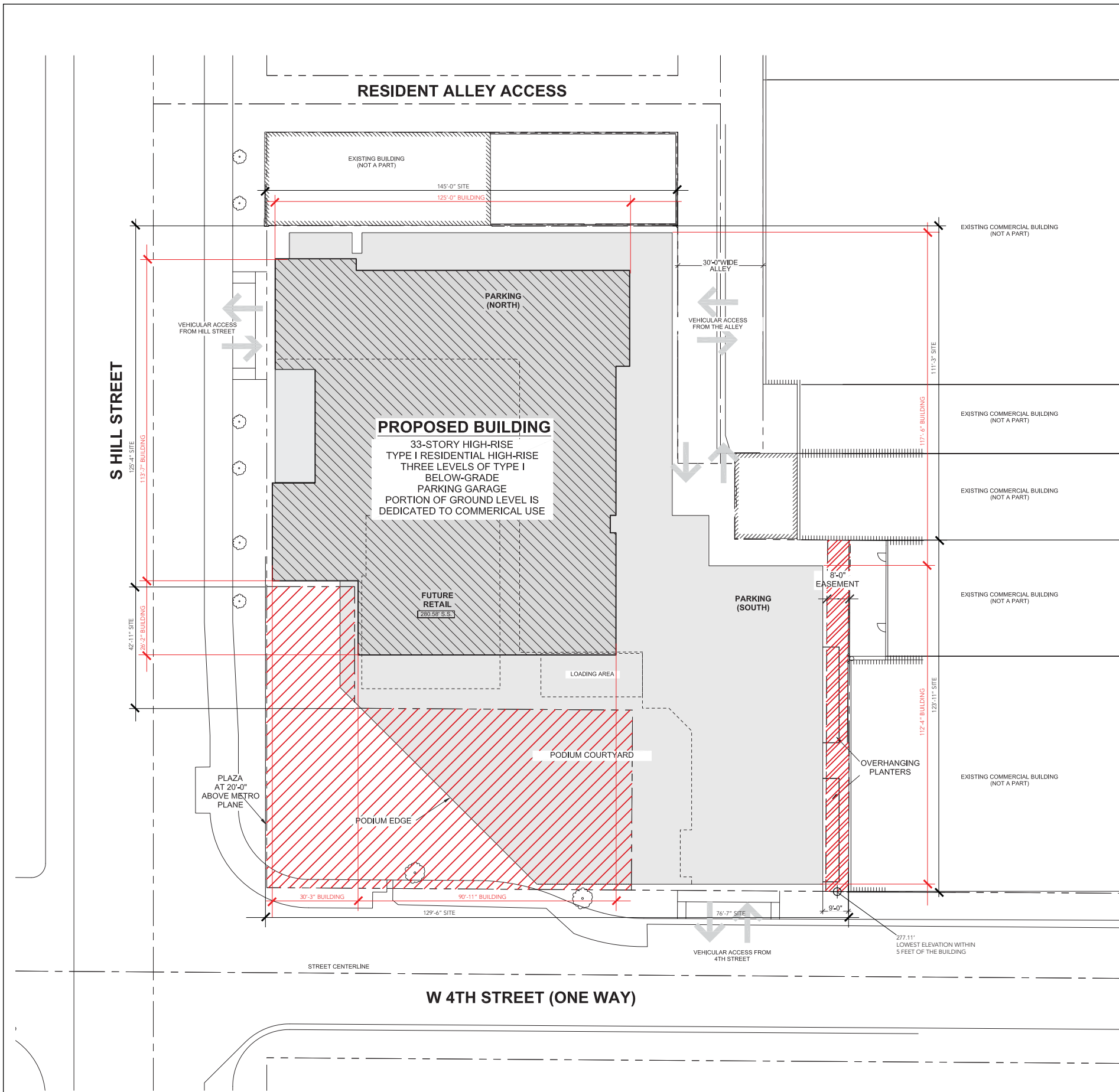


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3D VIEWS

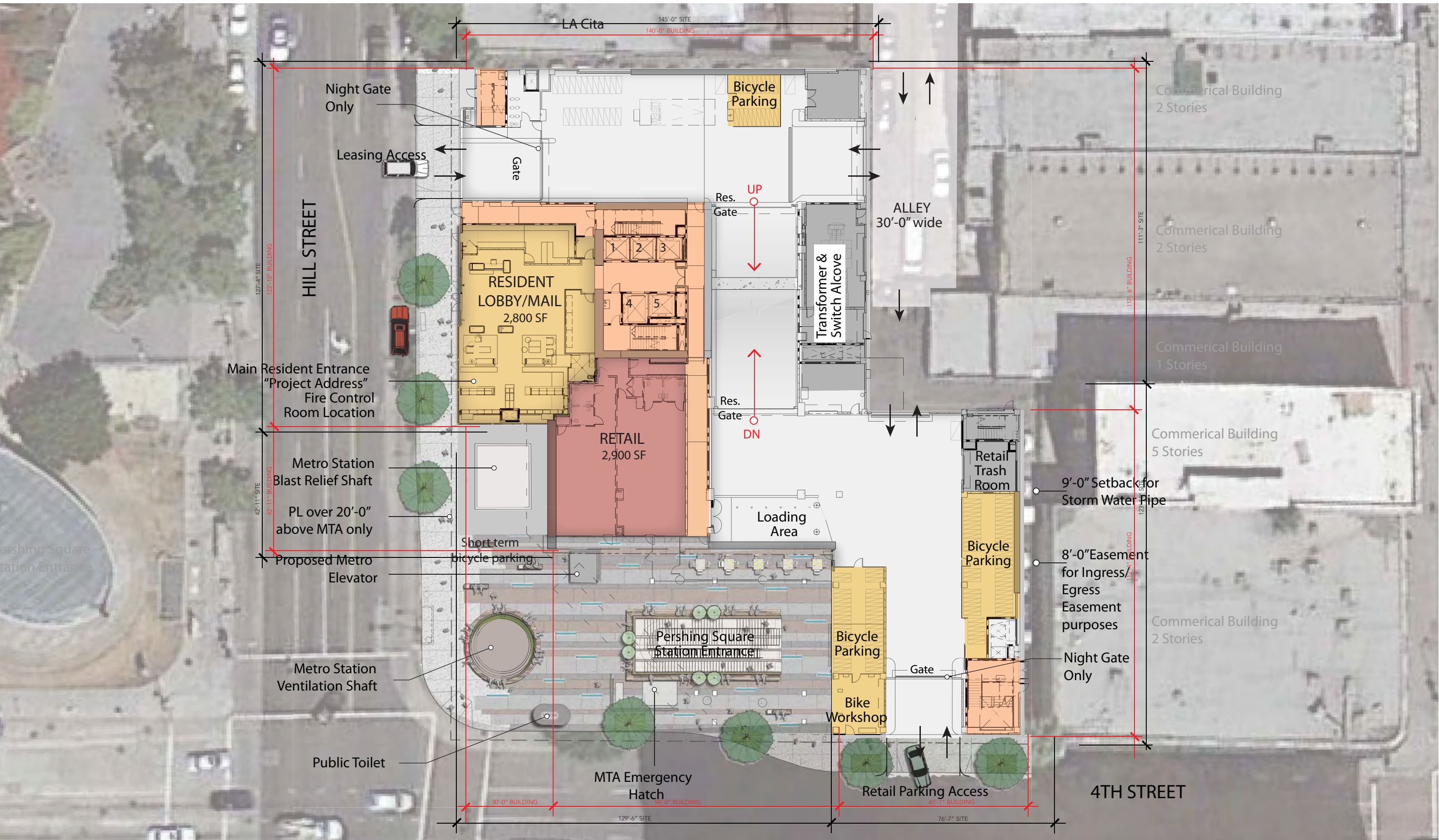
G-10

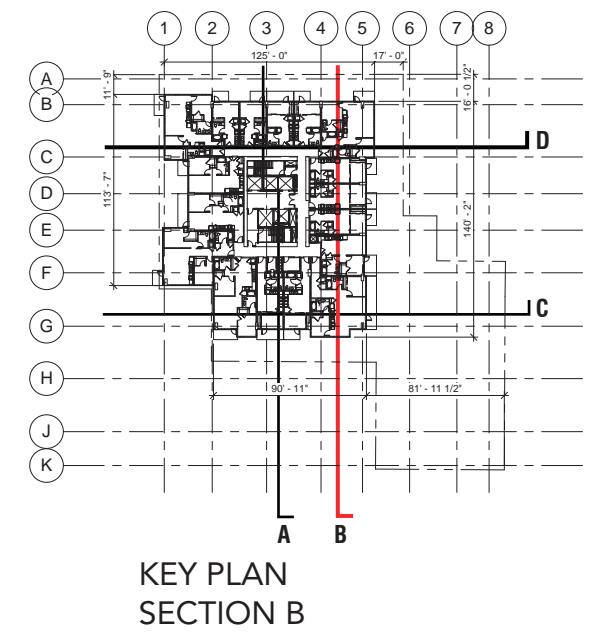
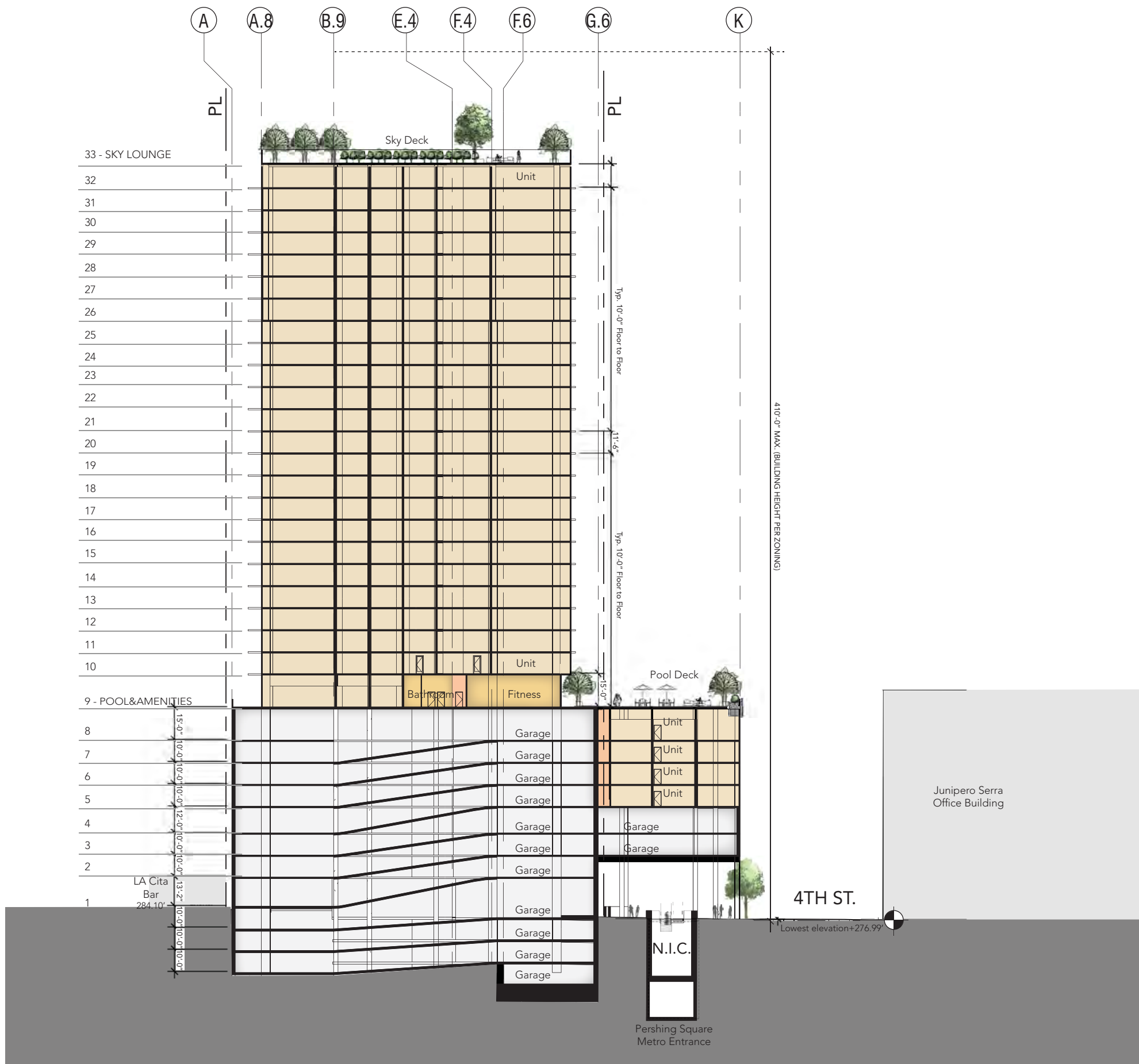


ZONING PROJECT DATA

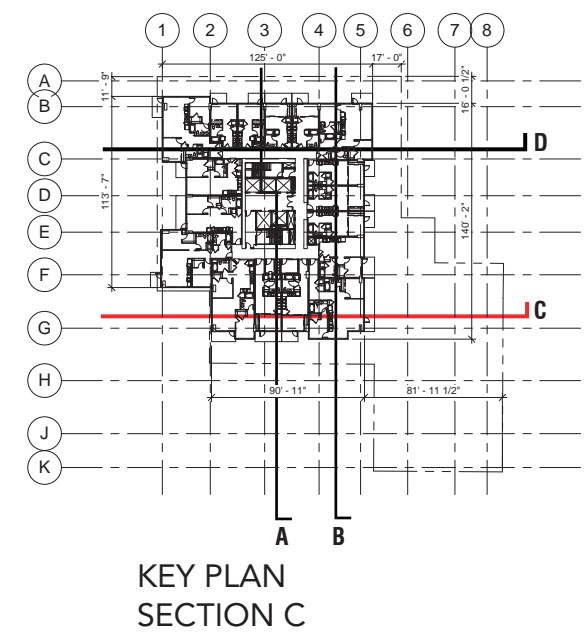
REAL PROPERTY IN THE CITY OF LOS ANGELES, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, DESCRIBED AS FOLLOWS:
THAT PORTION OF LOT 6 IN BLOCK 8 OF ORD'S SURVEY, IN THE CITY OF LOS ANGELES, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 53 PAGE 66 ET SEQ. OF MISCELLANEOUS RECORDS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY, DESCRIBED AS FOLLOWS:
BEGINNING AT THE INTERSECTION OF THE SOUTHEASTERLY LINE OF HILL STREET, 80 FEET WIDE, WITH THE NORTHEASTERLY LINE OF 4TH STREET, 60 FEET WIDE; THENCE ALONG SAID SOUTHEASTERLY LINE, NORTH 37° 51' 30" EAST 63.88 FEET; THENCE SOUTH 51° 53' 30" EAST 75.62 FEET; THENCE NORTH 37° 51' 30" EAST 6.98 FEET; THENCE SOUTH 51° 53' 30" EAST 9.26 FEET; THENCE SOUTH 52° 00' 15" EAST 20.45 FEET; THENCE SOUTH 37° 57' 55" WEST 68.85 FEET TO THE NORTHEASTERLY LINE OF 4TH STREET; THENCE ALONG SAID NORTHEASTERLY LINE, NORTH 51° 45' 50" WEST 115.20 FEET TO THE POINT OF BEGINNING.
EXCEPT THAT PORTION OF SAID LAND LYING SOUTHEASTERLY OF THE SOUTHEASTERLY LINE OF THE NORTHWESTERLY 78.00 FEET OF SAID LOT 6.
EXCEPT THAT PORTION OF SAID LAND LYING WITHIN THE LAND DESCRIBED AS PARCEL A1-142-1 (PERMANENT AREA) IN DEED RECORDED APRIL 28, 1987 AS INSTRUMENT NO. 87-663143 OF OFFICIAL RECORDS OF SAID COUNTY.
THAT PORTION OF LOT 6 IN BLOCK 8 OF ORD'S SURVEY, IN THE CITY OF LOS ANGELES, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 53 PAGES 66 ET SEQ. OF MISCELLANEOUS RECORDS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY, DESCRIBED AS FOLLOWS:
BEGINNING AT A POINT IN THE EASTERLY LINE OF HILL STREET, DISTANT NORTHERLY 63.88 FEET FROM THE INTERSECTION OF SAID EASTERLY LINE OF HILL STREET WITH THE NORTHERLY LINE OF 4TH STREET; SAID POINT OF BEGINNING BEING ALSO THE POINT OF INTERSECTION OF SAID STREET LINE WITH THE CENTER LINE OF THE PARTY WALL DESCRIBED IN AN AGREEMENT RECORDED IN BOOK 1124 PAGE 70 OF DEEDS, RECORDS OF SAID COUNTY; THENCE SOUTH 51° 53' 30" EAST ALONG THE CENTER LINE OF SAID PARTY WALL, 75.62 FEET; THENCE NORTH 37° 51' 30" EAST 88 OF A FOOT; THENCE SOUTH 51° 53' 30" EAST 19.26 FEET; THENCE SOUTH 52° 00' 15" EAST 20.45 FEET TO THE POSITION OF THE WEST FACE OF THE WEST WALL OF A 3 STORY BUILDING KNOWN AS KNOX HOTEL, FORMERLY STANDING ON ADJOINING LAND, AS IT EXISTED ON JULY 1, 1917; THENCE ALONG SAID WEST FACE OF SAID WEST WALL, NORTH 37° 57' 55" EAST 55.04 FEET; THENCE NORTH 51° 53' 30" WEST 115.42 FEET TO THE EASTERLY LINE OF HILL STREET; THENCE ALONG SAID STREET LINE, SOUTH 37° 57' 55" WEST 55.76 FEET TO THE POINT OF BEGINNING.
EXCEPT THAT PORTION OF SAID LAND LYING WITHIN THE LAND DESCRIBED AS PARCEL A1-142-1 (PERMANENT AREA) IN DEED RECORDED APRIL 28, 1987 AS INSTRUMENT NO. 87-663143 OF OFFICIAL RECORDS OF SAID COUNTY.
THAT PORTION OF LOT 7 IN BLOCK 8 OF ORD'S SURVEY, IN THE CITY OF LOS ANGELES, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 53 PAGES 66, ET SEQ., OF MISCELLANEOUS RECORDS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY, DESCRIBED AS FOLLOWS:
BEGINNING IN THE EAST LINE OF HILL STREET, AT THE NORTHWEST CORNER OF LOT 4 OF REITHMULLER PROPERTY AS PER MAP RECORDED IN BOOK 83 PAGE 71 OF MISCELLANEOUS RECORDS; THENCE SOUTHEASTERLY ALONG THE NORTHEAST LINE OF SAID LOT 4 TO THE POSITION OF THE WEST FACE OF THE WEST WALL OF A THREE STORY BUILDING KNOWN AS KNOX HOTEL, FORMERLY STANDING ON ADJOINING LAND, AS IT EXISTED ON JULY 1, 1917; THENCE NORTHEASTERLY ALONG SAID FORMER WEST FACE, 30.8 FEET, MORE OR LESS, TO THE SOUTHWEST LINE OF THE LAND DESCRIBED IN DEED TO ANDREW L. SCOFIELD RECORDED IN BOOK 8960 PAGE 219, OF DEEDS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY; THENCE SOUTHWESTERLY ALONG SAID SOUTHWEST LINE TO THE EAST LINE OF HILL STREET; THENCE SOUTHERLY ALONG SAID STREET, 30.8 FEET, MORE OR LESS, TO THE POINT OF BEGINNING.
THAT PORTION OF LOT 7 IN BLOCK 8 OF ORD'S SURVEY, IN THE CITY OF LOS ANGELES, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS SHOWN ON MAP RECORDED IN BOOK 53 PAGES 66, ET SEQ., OF MISCELLANEOUS RECORDS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY, DESCRIBED AS FOLLOWS:
BEGINNING AT THE MOST NORTHERLY CORNER OF THE PARCEL OF LAND MARKED ANDREW L. SCOFIELD ON MAP RECORDED IN BOOK 8960 PAGE 219 OF DEEDS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY; SAID CORNER BEING NORTH 37° 51' 30" EAST 186.25 FEET MEASURED ALONG THE SOUTHEAST LINE OF HILL STREET, 80 FEET WIDE, FROM THE NORTHEAST LINE OF FOURTH STREET, 60 FEET WIDE, AS SAID STREET IS SHOWN ON CITY ENGINEERS MAP M 220 ON FILE IN THE OFFICE OF THE CITY ENGINEER OF SAID CITY; THENCE ALONG THE BOUNDARIES OF SAID PARCEL AS FOLLOWS:
SOUTH 52° 13' 20" EAST 145.00 FEET TO THE NORTHWEST LINE OF THE ALLEY SHOWN ON SAID MAP RECORDED IN BOOK 9 PAGE 18 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY; THENCE NORTH 52° 13' 20" WEST 46.75 FEET; THENCE NORTH 52° 13' 20" WEST ALONG THE SOUTH LINE OF SAID PARCEL OF LAND 145.00 FEET TO THE SOUTHEAST LINE OF SAID HILL STREET; THENCE NORTH 37° 51' 30" EAST ALONG SAID STREET 46.94 FEET TO THE POINT OF BEGINNING.
THAT PORTION OF LOT 6 IN BLOCK 8 OF ORD'S SURVEY, AS PER MAP RECORDED IN BOOK 53 PAGE 66, ET SEQ., OF MISCELLANEOUS RECORDS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY, DESCRIBED AS FOLLOWS:
BEGINNING AT A POINT IN THE NORTH LINE OF FOURTH STREET, 60 FEET WIDE, AS ESTABLISHED BY CITY ENGINEER, DISTANT ALONG SAID LINE NORTH 51° 46' WEST 168.88 FEET FROM THE WEST LINE OF BROADWAY, 80 FEET WIDE, AS ESTABLISHED BY SAID CITY ENGINEER, SAID POINT OF BEGINNING BEING IN THE WEST FACE OF THE WEST WALL OF A ONE AND ONE-HALF STORY BUILDING; THENCE ALONG SAID WEST FACE NORTH 38° 15' 45" EAST 24.01 FEET TO THE SOUTH FACE OF THE SOUTH WALL OF A ONE STORY BUILDING; THENCE ALONG SAID SOUTH FACE NORTH 51° 30' 15" WEST 1.72 FEET TO THE SOUTHWEST CORNER OF SAID ONE STORY BUILDING; THENCE ALONG THE WEST FACE OF THE WEST WALL OF SAID ONE STORY BUILDING, NORTH 37° 52' EAST 26.91 FEET, MORE OR LESS, TO THE NORTH LINE OF THE SOUTH 30 FEET OF LOT 7 OF SAID BLOCK 8; THENCE ALONG SAID NORTH LINE, NORTH 51° 59' 15" WEST 46.89 FEET TO THE NORTHER PROLONGATION OF THE POSITION OF THE WEST FACE OF THE WEST WALL OF A THREE STORY BUILDING FORMERLY STANDING ON SAID LAND, AS SAID BUILDING EXISTED JULY 1, 1917; THENCE ALONG SAID PROLONGATION AND WEST FACE, SOUTH 37° 57' 55" WEST 150.76 FEET TO THE NORTH LINE OF FOURTH STREET; THENCE SOUTH 51° 46' EAST 50 FEET TO THE POINT OF BEGINNING.
EXCEPT THEREFROM THAT PORTION OF LOT 6 IN BLOCK 8 OF ORD'S SURVEY, IN THE CITY OF LOS ANGELES, IN THE COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 53 PAGES 66 ET SEQ. OF MISCELLANEOUS RECORDS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY, MORE PARTICULARLY DESCRIBED AS FOLLOWS:
BEGINNING AT A POINT IN THE NORTHEASTERLY LINE OF FOURTH STREET, 60 FEET WIDE, AS ESTABLISHED BY THE CITY ENGINEER OF SAID CITY, SAID POINT BEING NORTH 51° 51' 07" WEST, 216.98 FEET ALONG SAID NORTHEASTERLY LINE FROM THE NORTHEASTERLY LINE OF BROADWAY, 80 FEET WIDE, AS ESTABLISHED BY SAID CITY ENGINEER, SAID POINT BEING AT THE POSITION OF THE WEST FACE OF THE WEST WALL OF A THREE STORY BUILDING FORMERLY STANDING ON SAID LAND, AS SAID BUILDING EXISTED JULY 1, 1917; THENCE:
1. ALONG THE LINE FORMERLY OCCUPIED BY SAID WEST FACE OF SAID WEST WALL NORTH 37° 53' 25" EAST 63.50 FEET; THENCE
2. SOUTH 51° 51' 07" WEST 13.69 FEET; THENCE
3. SOUTH 38° 08' 53" WEST 63.50 FEET TO SAID NORTHEASTERLY LINE OF FOURTH STREET; THENCE
4. ALONG SAID NORTHEASTERLY LINE NORTH 51° 51' 07" WEST 13.40 FEET TO THE POINT OF BEGINNING.
THAT PORTION OF LOT 6, IN BLOCK 8 OF ORD'S SURVEY, IN THE CITY OF LOS ANGELES, IN THE COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 53 PAGE 66, ET SEQ., OF MISCELLANEOUS RECORDS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY, DESCRIBED AS FOLLOWS:
BEGINNING AT A POINT IN THE NORTHERLY LINE OF FOURTH STREET, DISTANT WESTERLY 50 FEET FROM THE MOST SOUTHERLY CORNER OF SAID LOT 6; THENCE WESTERLY ALONG THE SOUTHERLY LINE OF SAID LOT, 39 FEET; THENCE NORTHERLY PARALLEL TO THE EASTERLY LINE OF SAID LOT, 68 FEET, MORE OR LESS, TO THE SOUTHERLY LINE OF LOT "A" OF REITHMULLER PROPERTY, AS SHOWN ON THE MAP RECORDED IN BOOK 83 PAGE 71 OF SAID MISCELLANEOUS RECORDS; THENCE EASTERLY ALONG THE SOUTHERLY LINE OF SAID LOT "A", 39 FEET TO A POINT 50 FEET WESTERLY FROM THE EASTERLY LINE OF SAID LOT, MEASURED AT RIGHT ANGLES THERETO; THENCE SOUTHERLY IN A DIRECT LINE TO THE POINT OF BEGINNING.
EXCEPT THAT PORTION OF SAID LAND LYING WITHIN THE LAND DESCRIBED AS PARCEL A1-142-1 (PERMANENT AREA) IN DEED RECORDED APRIL 28, 1987 AS INSTRUMENT NO. 87-663143 OF OFFICIAL RECORDS OF SAID COUNTY.
LOT 1 OF TRACT NO. 13242, IN THE CITY OF LOS ANGELES, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 284 PAGE 15 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.
THAT PORTION OF LOT 7 IN BLOCK 8 OF ORD'S SURVEY, IN THE COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 53 PAGES 66 ET SEQ. OF MISCELLANEOUS RECORDS, IN THE OFFICE OF THE COUNTY RECORDER OF LOS ANGELES COUNTY, IN THE STATE OF CALIFORNIA, DESCRIBED AS FOLLOWS, TO WIT:
BEGINNING AT A POINT IN THE WESTERLY LINE OF SAID LOT DISTANT 6 FEET SOUTHERLY FROM THE NORTHWEST CORNER THEREOF; THENCE EASTERLY PARALLEL WITH THE NORTHERLY LINE OF SAID LOT 165 FEET TO THE EASTERLY LINE OF THE SAME; THENCE SOUTHERLY ALONG SAID EASTERLY LINE 38 FEET; THENCE WESTERLY PARALLEL WITH THE NORTHERLY LINE OF SAID LOT 165 FEET TO THE WESTERLY LINE OF THE SAME; THENCE NORTHERLY 38 FEET TO THE POINT OF BEGINNING.
EXCEPT 20 FEET OFF THE REAR END OF THE LOT USED BY THE CITY OF LOS ANGELES AS A PORTION OF A PUBLIC ALLEY.

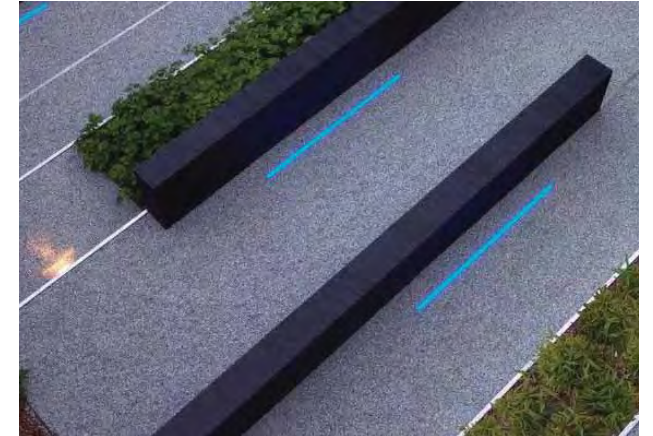
LOT BUILDABLE AREA		
TOTAL LOT/ BUILDABLE AREA	SF	Acres
	32,467	0.75
DENSITY		
PERMITTED	unlimited, per Greater Downtown Housing Incentive	
PROPOSED		
Unit Type	Unit Count	
Studio	213	
One Bedroom	89	
Two Bedroom	126	
TOTAL 428		
ZONING FLOOR AREA		
PERMITTED	FAR	SQ.FT.
RESIDENTIAL	9.6	310,503
PROPOSED		
RESIDENTIAL	9.5	307,931
RETAIL	0.1	2,509
TOTAL		9.6 310,440
BUILDING HEIGHT		
PERMITTED	Unlimited	
PROPOSED	Approximately 410'	
OPEN SPACE		
REQUIRED	SF REQ'D	UNITS AREA
<3 Habitable Rooms	100 SF	294 29,400 SF
=3 Habitable Rooms	125 SF	130 16,250 SF
>3 Habitable Rooms	175 SF	4 700 SF
TOTAL REQUIRED	428	46,350 SF
<i>* habitable rooms</i>		
PROPOSED		
PRIVATE OPEN SPACE*	21,000 SF	
COMMON OPEN SPACE		
RESIDENTIAL AMENITIES (Clubroom/Fitness/Lobby)	4,683 SF	
POOL COURT	13,798 SF	
SKY DECK & SKY LOUNGE	7,670 SF	
TOTAL PROVIDED	47,151 SF	
<i>*412 units with 50 SF of balcony per unit.</i>		
TREES		
REQUIRED	107	
PROVIDED	107	
BICYCLE PARKING		
REQUIRED	SHORT-TERM	LONG-TERM TOTAL
RETAIL (2,630 SF)	(1 / 2,000 SF)	(1 / 2,000 SF)
	2	2 4
RESIDENTIAL (428 units)	(1 / 10 du)	(1 / du)
	43	428 471
TOTAL REQUIRED	45	430 475
TOTAL PROVIDED		475
VEHICULAR PARKING		
REQUIRED RESIDENTIAL	UNITS	STALLS REQ'D STALLS
S UNITS	213	1 213
A UNITS	89	1 89
B UNITS	126	1 126
TOTAL		428
5% REDUCTION FOR LOW INCOME HOUSING		-22
UP TO 30% REPLACED WITH BICYCLE PARKING		-31
TOTAL RESIDENTIAL REQUIRED		375
PROVIDED RESIDENTIAL		
STANDARD PRIME PARKING STALLS	375	
COMPACT PRIME PARKING STALLS	39	
TOTAL PRIME PARKING STALLS	414	
COMPACT TANDEM PARKING STALLS	21	
TOTAL RESIDENTIAL PROVIDED	435	
RETAIL		
TOTAL RETAIL REQUIRED	0	
TOTAL RETAIL PROVIDED	0	





KEY PLAN
SECTION B





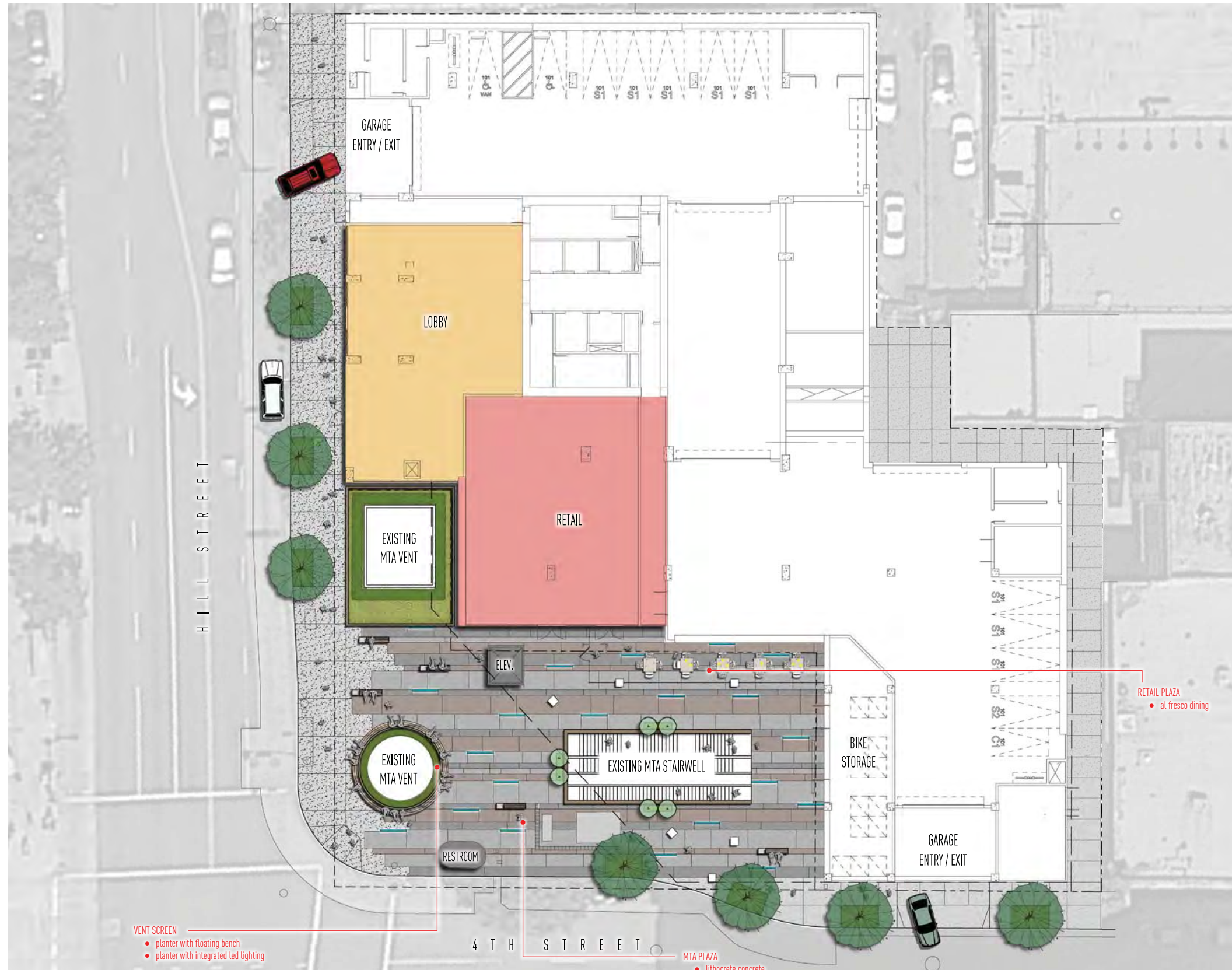
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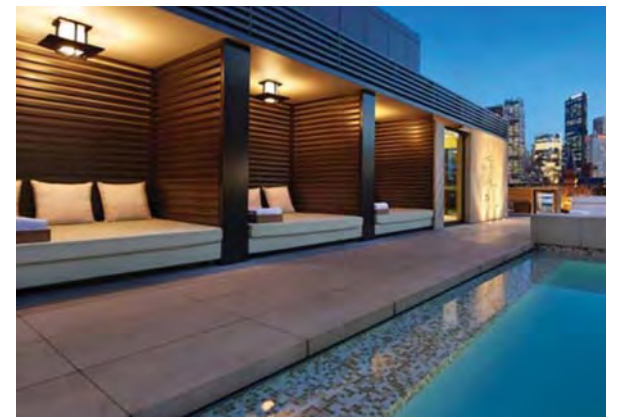
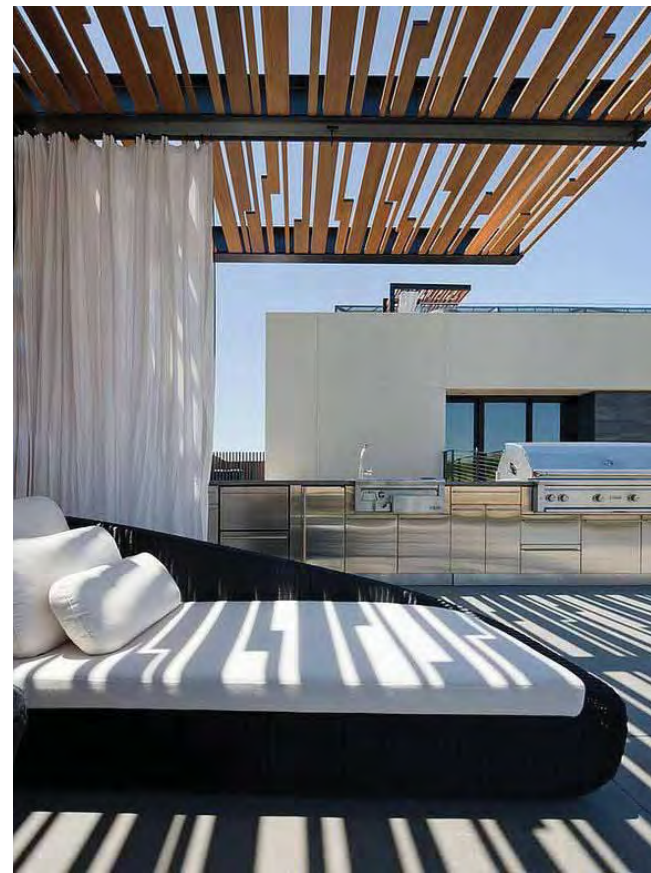
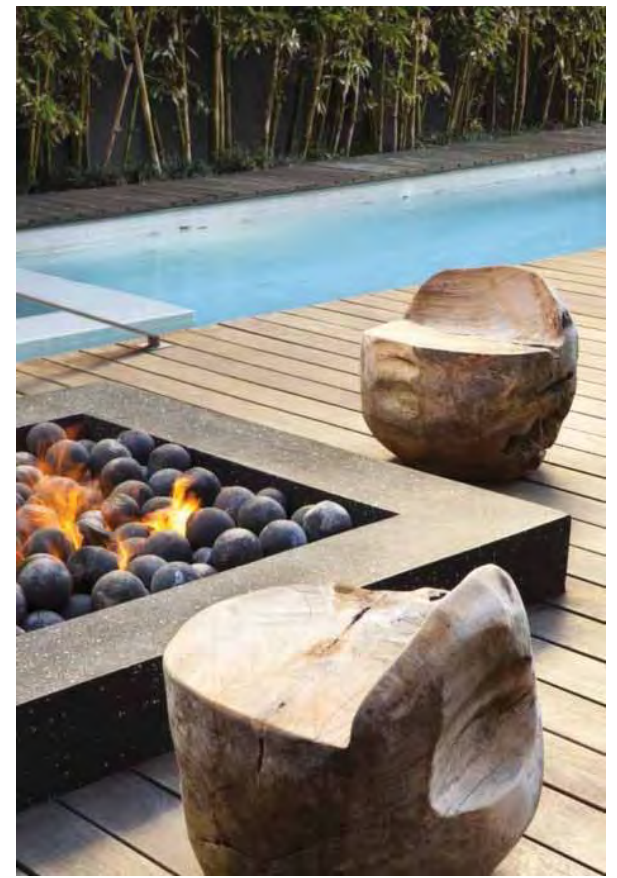
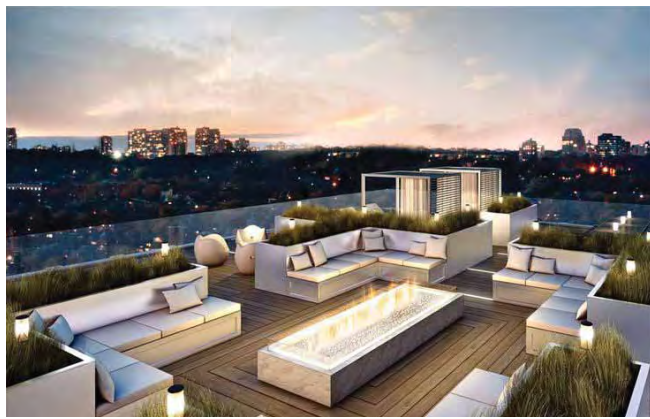


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LANDSCAPE INSPIRATION IMAGERY: GROUND LEVEL







FITNESS LAWN

- synthetic turf for yoga/ massage tables

VIEW DECK

- lounge seating
- fire pit

FOUNTAIN COURT

- stone wall fountain

VIEW TERRACE

- pedestal concrete paving with decorative banding
- pottery
- lounge furniture

ENTERTAINMENT LOUNGE

- outdoor kitchen with bbq's, sink & refrigerator - under solid cover roof
- sit-up bar
- metal shade trellis with tv's and specialty lighting
- dining furniture

PRIVATE PATIOS

'BARK' PARK

- synthetic turf
- drinking fountain
- 48" height fencing
- seat bench

EGRESS ACCESS TO STAIR

- outside of pool enclosure

SPA TERRACE

- 10' x 18' spa
- lounge bench
- matching height palms

POOL DECK

- 18' x 46' pool with lap lane
- 3 - cabanas with daybeds and tv's
- lounge chairs
- synthetic sunning lawns
- fire pit with built-in lounge seating
- matching height palms
- pedestal concrete paving with decorative banding
- frameless glass pool enclosure

VIEW DECK

- resysta wood sunning deck
- lounge chairs
- sunning beds
- pottery



CITY OF LOS ANGELES
INTER-DEPARTMENTAL CORRESPONDENCE

340 S Hill St
DOT Case No. GEN 17-44229

Date: August 7, 2017

To: Karen Hoo, City Planner
Department of City Planning

From: Wes Pringle, Transportation Engineer
Department of Transportation

Subject: **TRAFFIC IMPACT STUDY FOR THE PROPOSED RESIDENTIAL MIXED-USE PROJECT LOCATED AT 340 SOUTH HILL STREET (ENV-2015-982-EIR)**

DOT has reviewed the traffic analysis dated June 2017 prepared by IBI Group for the proposed residential mixed use project located at 340 South Hill Street. In order to evaluate the effects of the project's traffic on the available transportation infrastructure, the significance of the project's traffic impacts is measured in terms of change to the volume-to-capacity (V/C) ratio between the "future no project" and the "future with project" scenarios. This change in the V/C ratio is compared to DOT's established threshold standards to assess the project-related traffic impacts. Based on DOT's traffic impact criteria¹, the proposed development is not expected to result in any significant traffic impacts at the 12 study intersections identified for detailed analysis, as noted in **Attachment 1**. The results of the traffic analysis accounted for other known development projects in evaluating potential cumulative impacts and adequately evaluated the project's traffic impacts on the surrounding community.

DISCUSSION AND FINDINGS

A. Project Description

The project will be replacing an 850 square foot restaurant and a 109-space surface parking lot with a 33-story tower with 428 multi-family residential units (including 22 very-low-income housing units), a 2,980 square foot leasing office, and up to 2,630 square feet of neighborhood serving retail.

The project will provide 435 parking spaces via a two and a half level subterranean parking garage and a seven story parking podium. Vehicular access will be provided via two driveways, one full access driveway on Hill Street and one left-in left-out driveway on 4th Street, and an existing alley. The project is expected to be completed by 2021.

B. Trip Generation

The project is estimated to generate a net increase of 2,253 daily trips, 166 trips in the a.m. peak hour, and 208 trips in the p.m. peak hour. The trip generation estimates are based on formulas published by the Institute of Transportation Engineers (ITE) Trip Generation, 9th Edition, 2012. A copy of the trip generation table can be found in

¹ Per the DOT Traffic Study Policies and Procedures, a significant impact is identified as an increase in the Critical Movement Analysis (CMA) value, due to project related traffic, of 0.01 or more when the final ("with project") Level of Service (LOS) is LOS E or F; an increase of 0.020 or more when the final LOS is LOS D; or an increase of 0.040 or more when the final LOS is LOS C.

Attachment 2.**C. Freeway Analysis**

The traffic study included a freeway impact analysis that was prepared in accordance with the State-mandated Congestion Management Program (CMP) administered by the Los Angeles County Metropolitan Transportation Authority (MTA). According to this analysis, the project would not result in significant traffic impacts on any of the evaluated freeway mainline segments. To comply with the Freeway Impact Analysis Agreement executed between Caltrans and DOT in October 2013, the study also included a screening analysis to determine if additional evaluation of freeway mainline and ramp segments was necessary beyond the CMP requirements. The project did not meet or exceed any of the four thresholds defined in the latest agreement, updated in December 2015. Exceeding one of the four screening criteria would require the applicant to work directly with Caltrans to prepare more detailed freeway analyses. No additional freeway analysis was required.

PROJECT REQUIREMENTS**A. Construction Impacts**

DOT recommends that a construction work site traffic control plan be submitted to DOT for review and approval prior to the start of any construction work. The plan should show the location of any roadway or sidewalk closures, traffic detours, haul routes, hours of operation, protective devices, warning signs and access to abutting properties. DOT also recommends that all construction related traffic be restricted to off-peak hours.

B. Highway Dedication And Street Widening Requirements

On August 11, 2015, the City Council adopted the Mobility Plan 2035 which is the new Mobility Element of the General Plan. A key feature of the updated plan is to revise street standards in an effort to provide a more enhanced balance between traffic flow and other important street functions including transit routes and stops, pedestrian environments, bicycle routes, building design and site access, etc. Per the new Mobility Element, **South Hill Street** is designated as a Modified Avenue II, which would require a 33-foot half-width roadway and a 46.5-foot half-width right-of-way. **West 4th Street** is designated as a Modified Avenue III, which would require a 20-foot half-width roadway and a 30-foot half-width right-of-way. The applicant should check with BOE's Land Development Group to determine if there are any other applicable highway dedication, street widening and/or sidewalk requirements for this project.

C. Parking Requirements

The project will provide 435 parking spaces via a two and a half level subterranean parking garage and a seven story parking podium. Vehicular access will be provided via two driveways, one full access driveway on Hill Street and one left-in left-out driveway on 4th Street, and an existing alley. The applicant should check with the Department of Building and Safety on the number of Code-required parking spaces needed for the project.

D. Driveway Access and Circulation

The proposed site plan illustrated in **Attachment 3** is acceptable to DOT; however, review of the study does not constitute approval of the driveway dimensions and internal circulation schemes. Those require separate review and approval and should be

coordinated with DOT's Citywide Planning Coordination Section (201 N. Figueroa Street, 5th Floor, Room 550, at (213-482-7024). In order to minimize potential building design changes, the applicant should contact DOT for driveway width and internal circulation requirements so that such traffic flow considerations are designed and incorporated early into the building and parking layout plans. All new driveways should be Case 2 driveways and any security gates should be a minimum 20 feet from the property line. All truck loading and unloading should take place on site with no vehicles backing into the project via the project driveways.

E. Development Review Fees

An ordinance adding Section 19.15 to the Los Angeles Municipal Code relative to application fees paid to DOT for permit issuance activities was adopted by the Los Angeles City Council in 2009. This ordinance identifies specific fees for traffic study review, condition clearance, and permit issuance. The applicant shall comply with any applicable fees per this ordinance.

If you have any questions, please contact Johnathan Yu of my staff at (213) 972-4993.

Attachments

J:\Letters\2017\CEN17-44229_340 S Hill St_Equity Residential MU ts ltr.docx

c: Shawn Kuk, Council District No. 14
Mehrdad Moshksar, Central District, DOT
Taimour Tanavoli, Case Management Office, DOT
Carl Mills, Central District, BOE
Lydia La Point, IBI Group

ATTACHMENT 1

Summary of Volume to Capacity Ratios (V/C) and Level of Service (LOS)

Table 5 - Level of Service Analysis Results Summary - AM Peak Hour

Intersection		Year 2017 Existing Traffic Conditions		Existing Plus Project		Project Impact	Year 2021 Cumulative Base		Year 2021 Plus Project		Project Impact	Year 2021 Project with Mitigation		Net Project Impact
		V/C	LOS	V/C	LOS		V/C	LOS	V/C	LOS		V/C	LOS	
1	2nd St & Olive St	0.209	A	0.209	A	NO	0.221	A	0.221	A	NO	0.221	A	NO
2	2nd St & Hill St	0.597	A	0.606	B	NO	0.637	B	0.646	B	NO	0.646	B	NO
3	2nd St & Broadway	0.385	A	0.389	A	NO	0.420	A	0.424	A	NO	0.424	A	NO
4	3rd St & Hill St	0.729	C	0.743	C	NO	0.809	D	0.823	D	NO	0.823	D	NO
5	3rd St & Broadway	0.503	A	0.507	A	NO	0.564	A	0.568	A	NO	0.568	A	NO
6	4th St & Olive St	0.233	A	0.235	A	NO	0.274	A	0.277	A	NO	0.277	A	NO
7	4th St & Hill St	0.394	A	0.405	A	NO	0.455	A	0.466	A	NO	0.466	A	NO
8	4th St & Broadway	0.317	A	0.327	A	NO	0.371	A	0.381	A	NO	0.381	A	NO
9	5th St & Grand Ave	0.263	A	0.267	A	NO	0.303	A	0.307	A	NO	0.307	A	NO
10	5th St & Olive St	0.382	A	0.388	A	NO	0.415	A	0.421	A	NO	0.421	A	NO
11	5th St & Hill St	0.538	A	0.545	A	NO	0.591	A	0.597	A	NO	0.597	A	NO
12	5th St & Broadway	0.361	A	0.365	A	NO	0.399	A	0.403	A	NO	0.403	A	NO

Table 6 - Level of Service Analysis Results Summary - PM Peak Hour

Intersection		Year 2017 Existing Traffic Conditions		Existing Plus Project		Project Impact	Year 2021 Cumulative Base		Year 2021 Plus Project		Project Impact	Year 2021 Project with Mitigation		Net Project Impact
		V/C	LOS	V/C	LOS		V/C	LOS	V/C	LOS		V/C	LOS	
1	2nd St & Olive St	0.216	A	0.216	A	NO	0.228	A	0.228	A	NO	0.228	A	NO
2	2nd St & Hill St	0.581	A	0.592	A	NO	0.645	B	0.657	B	NO	0.657	B	NO
3	2nd St & Broadway	0.454	A	0.458	A	NO	0.496	A	0.499	A	NO	0.499	A	NO
4	3rd St & Hill St	0.610	B	0.629	B	NO	0.722	C	0.742	C	NO	0.742	C	NO
5	3rd St & Broadway	0.493	A	0.499	A	NO	0.585	A	0.591	A	NO	0.591	A	NO
6	4th St & Olive St	0.356	A	0.364	A	NO	0.411	A	0.419	A	NO	0.419	A	NO
7	4th St & Hill St	0.497	A	0.549	A	NO	0.581	A	0.633	B	NO	0.633	B	NO
8	4th St & Broadway	0.470	A	0.481	A	NO	0.551	A	0.562	A	NO	0.562	A	NO
9	5th St & Grand Ave	0.375	A	0.377	A	NO	0.452	A	0.455	A	NO	0.455	A	NO
10	5th St & Olive St	0.578	A	0.581	A	NO	0.618	B	0.622	B	NO	0.622	B	NO
11	5th St & Hill St	0.517	A	0.521	A	NO	0.595	A	0.599	A	NO	0.599	A	NO
12	5th St & Broadway	0.395	A	0.397	A	NO	0.459	A	0.467	A	NO	0.467	A	NO

ATTACHMENT 2 Project Trip Generation Estimates

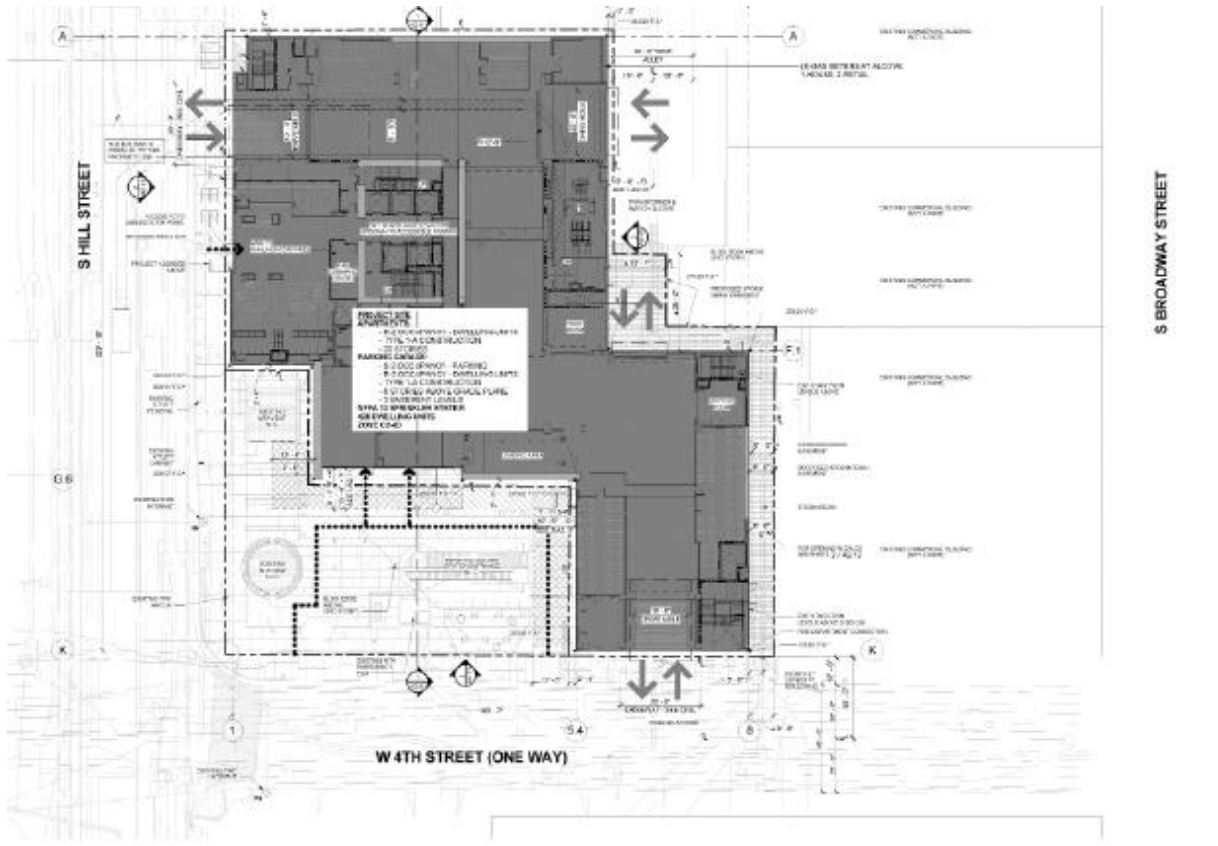
Table 4 - Net Project Generated Trips With Trip Credits

Land Use	ITE Code	Qty	Units	Daily	AM			PM		
					IN	OUT	Total	IN	OUT	Total
<i>Proposed New Uses</i>										
Apartment	220	406	DU	2,700	41	166	207	164	88	252
General Office	710	2.98	TSF	33	4	1	5	1	4	4
Quality Restaurant	931	2.63	TSF	237	1	1	2	13	7	20
Total Proposed New Trips (Not Including Affordable)				2,970	46	167	214	177	99	276
<i>Existing Uses to be Removed</i>										
Sit-Down Restaurant	932	0.85	TSF	-108	-5	-5	-10	-6	-4	-10
Pass-By Trips	932	-20%		22	1	1	2	1	1	2
Total Existing Trips to be Removed				-86	-4	-4	-8	-5	-3	-8
Total New Trips Minus Existing to be Removed (Total eligible for Transit Credit reduction)				2,884	42	163	206	172	96	268
<i>Trip Credits (Transit)</i>										
Transit Credit		-25%		-721	-10	-41	-51	-43	-24	-67
<i>Affordable Housing</i>										
Affordable Housing	LADOT	22	DU	90	4	7	11	4	3	7
Net Project Trips				2,253	36	129	166	133	75	208

DU – dwelling units; TSF – thousand square feet

Affordable housing and pass-by trip discount rate from Attachment I of the *LADOT Traffic Study Policies and Procedures*

ATTACHMENT 3 Project Site plan





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Memorandum

To/Attention	Kristofer Golder Equity Residential	Date	August 7, 2017
From	Lydia La Point	Project No	36775
cc	Kerrie Nicholson Damon Mamalakis		
Subject	340 S. Hill St. Project CMP Analysis		

Los Angeles County Congestion Management Program

The goal of the Congestion Management Program (CMP) prepared by the Los Angeles County Metropolitan Transportation Authority is to address the impact of local growth on the regional transportation system, including monitoring level of service (LOS) on the CMP Highway and Roadway Network. Transportation Impact Analysis Guidelines are provided in Appendix D of the LACCMP to promote consistency in the studies conducted by different jurisdictions, while maintaining flexibility for the variety of project types.

A CMP Transportation Impact Analysis (TIA) is required for:

- all CMP arterial monitoring intersections, including monitored freeway on- or off-ramp intersections, where the proposed project will add 50 or more trips during either the AM or PM weekday peak hours (of adjacent street traffic),
- all CMP arterial segments where the proposed project will add 50 or more peak hour trips (total of both directions), if arterial segments are being analyzed rather than intersections, and
- all Mainline freeway monitoring locations where the project will add 150 or more trips, in either direction, during either the AM or PM weekday peak hours.

If the TIA identifies no facilities for study based on these criteria, no further traffic analysis is required.

Project Information

Equity Residential is preparing plans for a new high-rise multi-family residential project at 340 S. Hill Street, which is located north of 4th Street and east of Hill Street in Downtown Los Angeles. The existing site is a surface parking lot with 109 spaces. A small restaurant is also located on the site, with frontage on Hill Street. Both of these uses would be removed as part of the project.

The proposed project plan includes 428 residential units for lease, up to 2,630 square feet of ground floor retail/restaurant space, and a 2,980 square-foot leasing center. Twenty-two of the residential units are designated as very low income affordable housing units. A staircase leading down to the Pershing Square Station, which provides access to the Metro Red and Purple rail lines, is located directly in front of the project site. There is also a transit stop located adjacent to the project site on Hill Street that is served by Metro Local, Rapid and Express buses.

Kristofer Golder
Equity Residential – August 7, 2017

Project trips and trips generated by the existing site were estimated using the rates published in the ITE *Trip Generation*, 9th Edition. After trip credits were applied for Transit Usage and Existing Active Land Use, the net project trip generation includes 2,253 daily trips, 166 AM Peak Hour trips (36 in/129 out), and 208 PM Peak Hour trips (133 in/75 out). For additional information on the project description, site, study area, existing conditions and proposed future conditions with and without the project, refer to the 340 South Hill Street Transportation Impact Study submitted to the Los Angeles Department of Transportation (LADOT) and last revised on July 31, 2017.

CMP Arterial Monitoring Intersections

The CMP Arterial Monitoring Intersections closest to the project, the distance from the project site to those facilities, and the number of peak hour forecast trips on those facilities are summarized in Table 1.

Table 1. CMP Arterial Monitoring Intersections

CMP ID	Responsible Agency	CMP Route	Cross Street	Distance from Project Site*	AM Peak Hour Trips	PM Peak Hour Trips	Analysis Required
43	Los Angeles City	Alameda St	Washington Bl	2.2 miles	13	17	No
85	Los Angeles City	Wilshire Bl	Alvarado Bl	1.8 miles	<5	<5	No

*Note: Values list are straight-line distances, not travel distances.

Mainline Freeway Monitoring Locations

The Mainline Freeway Monitoring Locations closest to the project, the distance from the project site to those facilities, and the number of peak hour forecast trips on those facilities are summarized in Table 2.

Table 2. Mainline Freeway Monitoring Locations

CMP Station	Freeway Route	Post Mile	Location	Distance from Project Site	AM Peak Hour Trips	PM Peak Hour Trips	Analysis Required
1013	10	13.53	Budlong Av	2.8 miles	7	8	No
1014	10	19.67	East LA City Limit	3.2 miles	7	8	No
1036	101	0.46	n/o Vignes St	1.0 miles	14	19	No
1048	110	23.50	s/o Route 101	0.7 miles	23	30	No

*Note: Values list are straight-line distances, not travel distances.

Conclusion

The project does not contribute more than 50 peak hour trips to any CMP roadways and does not contribute more than 150 peak hour trips onto any CMP freeways, so a CMP analysis is not required for this project.