

Thursday, May 8, 2025, 6:30 PM
COUNCIL CHAMBER
6650 Beach Boulevard
Buena Park, CA 90621

TRAFFIC & TRANSPORTATION COMMISSION
AGENDA

6:30 p.m.

1. GENERAL

- 1A. CALL TO ORDER
- 1B. ROLL CALL
- 1C. PLEDGE OF ALLEGIANCE

2. COMMUNICATIONS

2A. ORAL COMMUNICATIONS

— This is the portion of the meeting set aside to invite public comments regarding any matter within the jurisdiction of the Traffic and Transportation Commission. Public comments are limited to no more than three minutes each. If comments relate to a specific agenda item, those comments will be taken following the staff report for that item and prior to the Traffic and Transportation Commission vote. Those wishing to speak are asked to add your information at the digital public kiosk located at the entrance of the Council Chamber.

3. CONSENT CALENDAR

The items listed under the Consent Calendar are considered routine business and will be voted on together by one motion unless a Commission Member requests separate action. At this time the Commission or public may ask to speak on any item on the Consent Calendar.

3A. APPROVAL OF MINUTES

— RECOMMENDED ACTION: Approve the Minutes of the Traffic and Transportation Commission Meeting of February 6, 2025.

4. NEW BUSINESS

4A. REVIEW, DISCUSS, AND APPROVE STAFF RECOMMENDATIONS FOR THE STANTON AVENUE /
AUTO CENTER DRIVE / 9TH STREET INTERSECTION

— RECOMMENDED ACTION: Traffic and Transportation Commission review, discuss, and and approve staff's recommendation to proceed with Alternative 3 for the intersection of Stanton Avenue / Auto Center Drive / 9th Street

5. AGENDA FORECAST

5A. ANNOUNCEMENTS, CONFERENCE REPORTS AND CALENDAR REQUESTS

- Scheduling dates for future commission meetings.
- Identifying items for future discussion.

6. STAFF REPORTS

6A. STATUS REPORT OF PRIOR APPROVED ITEMS

- Presented by Nader Alqam (verbal report)

6B. OTHER INFORMATIONAL ITEMS

- Presented by Norm Wray (verbal report)

6C. OTHER POLICE DEPARTMENT INFORMATIONAL ITEMS

- Verbal Report

7. ADJOURNMENT

7A. ADJOURNMENT

- Next scheduled Traffic & Transportation Meeting is on Thursday, August 1, 2025.

This agenda contains a brief general description of each item to be considered. Supporting documents are available for review and copying at City Hall or at www.buenapark.com. This governing body is prohibited from discussing or taking action on any item which is not included in this agenda; however, may ask clarifying questions, ask staff to follow-up, or provide other direction. The order of business as it appears on this agenda may be modified by the governing body.

In compliance with the Americans with Disabilities Act, if you need accommodations to participate in this meeting, contact the Public Works Department at (714) 562-3670 or the California Relay Service at 711. Notification at least 48 hours prior to the meeting will enable the City to make arrangements to assure accessibility.

If you would like to participate in any matter of business on the agenda and would like translation in Chinese, Korean, Spanish, Tagalog, or Vietnamese, please contact the **Department of Public Works Engineering Division at (714) 562-3670 48-hours prior to the meeting.**

Residents requiring translation during Oral Communications are encouraged to bring interpreters.

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Si le gustaría participar en audiencia pública o cualquier asunto de negocios programado en la agenda y necesita traducción en chino, coreano, español, tagalo o vietnamita, comuníquese con la Oficina del Secretario de la Ciudad, 48 horas antes de la reunión al (714) 562-3750. Para participar en los comentarios públicos sobre cualquier otro asunto dentro de la jurisdicción del ayuntamiento, se les recomienda que traiga un intérprete.

I, Kristi Ibarra, City of Buena Park, do hereby certify, under penalty of perjury under the laws of the State of California that a full and correct copy of this agenda was posted pursuant to Government Code Section 54950 et. seq., at Buena Park City Hall, 6650 Beach Blvd., and uploaded to the City of Buena Park website www.buenapark.com.

Kristi Ibarra
Administrative Assistant

Date Posted: May 5, 2025



Traffic and Transportation Commission Agenda Report

A. APPROVAL OF MINUTES

Meeting	Agenda Group
Thursday, May 8, 2025, 6:30 PM	CONSENT CALENDAR Item: 3A.
Prepared By	
Kristi Ibarra , Administrative Assistant	

Approve the Minutes of the Traffic and Transportation Commission Meeting of February 6, 2025.

Attachments

[02-06-2025 Minutes FINAL.pdf](#)



MINUTES
Traffic and Transportation Commission Meeting
City of Buena Park
City Council Chamber
6650 Beach Boulevard, Buena Park, CA 90622
Thursday, February 6, 2025

1. GENERAL:

1A. CALL TO ORDER:

Vice Chair Arellano called the Traffic and Transportation Commission (TTC) meeting of February 6, 2025, to order at 6:30 PM.

1B. ROLL CALL:

PRESENT: Vice Chair Arellano, Commissioner Desai, Commissioner Rodden, Commission Brown, Commissioner Espinoza

ABSENT: None.

STAFF MEMBERS PRESENT: Deepthi Arabolu, Assistant City Engineer, Nader Alqam, Principal Engineer, Norman Wray, Senior Engineering Technician/GIS Specialist, Kristi Ibarra, Administrative Assistant.

POLICE DEPARTMENT REPRESENTATIVE PRESENT: None

CITY COUNCIL MEMBERS PRESENT: None

1C. PLEDGE OF ALLEGIANCE: Vice Chair Arellano led the Pledge of Allegiance.

2. ELECTIONS

2A. COMMISSIONER APPOINTMENT FOR CHAIR AND VICE CHAIR:

Commissioner Arellano (District 3) was appointed as Chair. Commissioner Desai (District 4) was appointed Vice Chair.

3. COMMUNICATIONS:

3A. ORAL COMMUNICATIONS:

Ms. Jessup, a Bird Track resident, raised concerns about semi-trucks illegally parking on both

sides of the red curb and blocking lanes on Orangethorpe Avenue, creating safety hazards. She reported the issue to the police but saw no action. She requested measures to prevent accidents and suggested installing a traffic light at a neighborhood entrance for safer exits.

4. CONSENT CALENDAR:

4A. APPROVAL OF MINUTES

ACTION: Motioned by Vice Chair Desai, Seconded by Commissioner Rodden

Motion carried 4-1 to:

Approve meeting minutes from November 7, 2024 meeting.

5. NEW BUSINESS:

5A. REVIEW, DISCUSS, AND DENY THE INSTALLATION OF RIGHT TURN POCKET AT THE INTERSECTION OF LA PALMA AVENUE AT WESTERN AVENUE

Mr. Alqam presented the item and was available to answer questions.

TRAFFIC COMMISSION DISCUSSION:

Commissioner Rodden questioned why only one study was done and why it was on a weekday.

Mr. Alqam explained that one day's counts were sufficient, as only one hour of data from Tuesday through Thursday is needed for the purposes of the study.

Commissioner Rodden noted the study missed weekend traffic and proposed a right-turn-only lane.

Ms. Arabolu explained that roads are designed based on weekday traffic, per industry standard. She added that adding right-turn lanes would worsen service levels, so it is not recommended.

Commissioner Rodden recommended applying the same approach used on Western Avenue, Knott Avenue, and Orangethorpe Avenue to Western Avenue and La Palma Avenue.

Mr. Alqam noted that early merges could delay traffic, while later merges improve flow, and only illegal parking in the red zone would violate the merger taper.

Commissioner Rodden asked about how the traffic counts were conducted.

Mr. Alqam stated that counts are typically done via recording and then turning vehicles are counted post-processing.

Commissioner Brown stated the first parking spot is over 400 feet from the intersection and a right-turn-only lane isn't needed.

Commissioner Espinoza asked why the study was conducted once and if that's standard.

Mr. Alqam explained the 4:45 to 5:45 peak hour data was sufficient, and no extra data was needed. Additional data would cost the City funds and that was not justified since we had recent data to use.

Ms. Arabolu noted that recent data was used, and any new count would focus on the intersection's volume.

Vice Chair Desai asked how recent is the data and about the traffic merge near the post office in the diagram.

Mr. Alqam answered that the data is from November 14, 2024, and the distance from the crosswalk to the merge point is approximately 170 feet.

Chair Arellano inquired what problem is being solved by removing the merge and creating a right-turn pocket, and if there have been any safety concerns or complaints.

Mr. Alqam responded that the request seeks to improve traffic flow and reduce wait times for southbound right turns, with no resident complaints.

Chair Arellano asked how the collision data is collected, specifically whether it comes from police traffic collision reports or insurance company reports.

Mr. Wray explained that the data is from the California Highway Patrol's Integrated Traffic System, which includes collision reports from local agencies, excluding unreported ones.

Commissioner Rodden explained the reason this item was brought to the Commission.

PUBLIC COMMENTS AND INPUT: None

ACTION: Motioned by Commissioner Brown, Seconded by Commissioner Desai

Motion carried 4-1 to:

Deny the installation of a right turn pocket at the intersection of La Palma Avenue at Western Avenue.

6. AGENDA FORECAST:

6A. ANNOUNCEMENTS, CONFERENCE REPORTS AND CALENDAR REQUESTS:

None.

7. STAFF REPORTS:

7A. STATUS REPORT OF PRIOR APPROVED ITEMS

None.

7B. OTHER INFORMATIONAL ITEMS.

Mr. Alqam informed the commission the two items going to Council: Battery Backup System Upgrade Project and a Cooperative Agreement with the County of Orange. He also provided an update on Highway Safety Improvement Project and highlighted recent accomplishments of the Sign and Striping Division.

Mr. Wray provided an update on the Citywide Safe Routes to School Project, the Dale and Whitaker Streets Project, and the striping of the Knott's Berry Farm public right-of-way.

Vice Chair Desai asked about progress on identifying a thoroughfare for safer bike lanes. Mr. Wray mentioned Ball Road, Malvern Avenue (Fullerton), Valley View Street (Cypress), and bike lanes from Auto Center Drive to Whitaker Park. Mr. Alqam added that the city received a grant to study Orangethorpe Avenue, potentially linking facilities with neighboring cities. Ms. Arabolu clarified the grant hasn't been awarded yet, but they have approval to start the study, with another grant for Stanton Avenue next year. Overall, the city is actively planning and implementing bike lanes without compromising parking or other factors.

7C. OTHER POLICE DEPARTMENT INFORMATIONAL ITEMS

None

8. ADJOURNMENT

Chair Arellano adjourned the meeting at 7:23 PM.

The next scheduled TTC meeting is Thursday, May 1, 2025 at 6:30 PM.

Pete Arellano, Chair

ATTEST:

Kristi Ibarra, Secretary



Traffic and Transportation Commission Agenda Report

A. REVIEW, DISCUSS, AND APPROVE STAFF RECOMMENDATIONS FOR THE STANTON AVENUE / AUTO CENTER DRIVE / 9TH STREET INTERSECTION

Meeting	Agenda Group
Thursday, May 8, 2025, 6:30 PM	NEW BUSINESS Item: 4A.
Prepared By	Approved By
Nader Alqam, Principal Engineer	Mina Mikhael, Director of Public Works
Presented By	
Nader Alqam, Principal Engineer	

RECOMMENDED ACTION

Staff recommends that the Traffic and Transportation Commission review, discuss, and approve staff's recommendation to proceed with Alternative 3 for the intersection of Stanton Avenue / Auto Center Drive / 9th Street

DISCUSSION

On September 12, 2023, a council member calendared an item to evaluate the impacts and feasibility of modifying the existing traffic control at the intersection of Stanton Avenue / Auto Center Drive / 9th Street. The purpose of this request was to explore potential intersection modifications aimed to reduce traffic delays.

This intersection serves as a critical regional access point from the I-5 northbound off-ramp via Auto Center Drive, while also providing local access to nearby residential neighborhoods via 9th Street. This intersection's geometric configuration presents operational challenges but also offers opportunities for improvement.

This study evaluated three (3) potential design alternatives for the Stanton Avenue/Auto Center Drive/9th Street intersection to evaluate their potential impacts on traffic operations, circulation effects, neighborhood access, and to develop preliminary cost estimates.

Staff has retained Iteris, Inc. to evaluate the Stanton Avenue / Auto Center Drive / 9th Street intersection and multiple alternatives. For this purpose, traffic data was collected and the data was input into a microsimulation software to develop and model the study network. This model was then calibrated and used to establish a baseline to then evaluate three (3) alternatives:

- Alternative 1 – Full closure of the 9th Street approach at the Stanton Avenue / Auto Center Drive / 9th Street intersection to prohibit both ingress and egress movements
- Alternative 2 – Partial closure of the 9th Street approach at the Stanton Avenue / Auto Center Drive / 9th Street to prohibit egress movements while permitting ingress movements.
- Alternative 3 – Signal coordination and optimization of Stanton Avenue with no geometric changes.

The analysis concluded that alternative 1 would result in some operational improvements at the intersection of Stanton Avenue / Auto Center Drive / 9th Street, namely in the PM peak hour, however would increase travel time to/from the 9th Street neighborhood.

Alternative 2 would result in some operational improvements at the intersection of Stanton Avenue / Auto Center Drive / 9th Street, namely in the PM peak hour, however would increase travel time from the 9th Street neighborhood.

Alternative 3 would result in marginal improvements with no impacts to 9th Street access.

Based on the findings of the study, staff recommends implementing Alternative 3, which involves optimizing signal timing without making any geometric modifications to the intersection of Stanton Avenue / Auto Center Drive / 9th Street.

BUDGET IMPACT

Alternative 1 – would cost approximately \$1,000,000 (Planning and Implementation)

Alternative 2 – would cost approximately \$800,000 (Planning and Implementation)

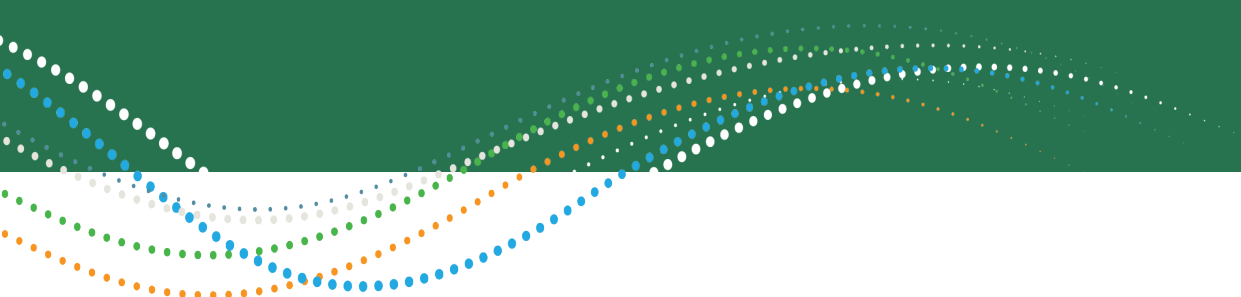
Alternative 3 – No additional cost

Attachments

[Stanton Auto Center 9th Street Traffic Analysis_DRAFT_2025-05-01.pdf](#)



Stanton Avenue/Auto Center Drive/9th Street Intersection Analysis Draft Report



April 24th, 2025

Submitted to:

City of Buena Park



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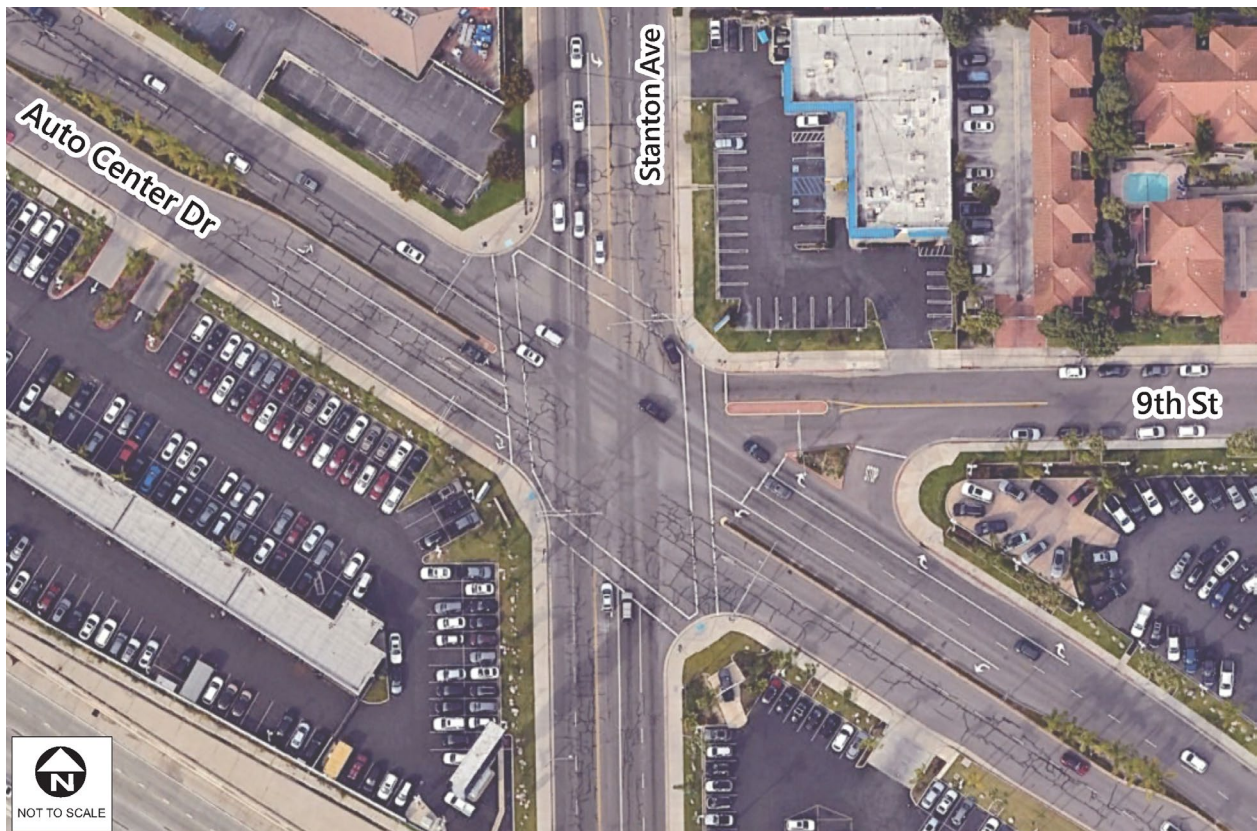
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1 INTRODUCTION

The City of Buena Park requested a traffic study to assess the feasibility of various intersection modifications to improve operations at the five-legged intersection of Stanton Avenue, Auto Center Drive, and 9th Street located in the City, which is presented in **Figure 1**. This intersection serves as a key regional access point from the I-5 northbound off-ramp via Auto Center Drive, while also providing local access to nearby residential neighborhoods via 9th Street. The City indicated that the intersection's geometric configuration presents operational challenges and potential opportunities for improvement. This study evaluated three (3) potential conceptual modifications to the Stanton Avenue/Auto Center Drive/9th Street intersection to understand their potential impacts on traffic operations and circulation effects, neighborhood access, and preliminary cost estimates for modifying the intersection. This analysis focused on the technical evaluation of each alternative compared.

Figure 1: Stanton Avenue/Auto Center Drive/9th Street Intersection Aerial View



1.1 Roadway Descriptions

The following is a description of the key roadways within the project area:

Stanton Avenue is a divided four-lane secondary roadway with a two-way left-turn lane, oriented in a north-south direction. It runs parallel to Beach Boulevard and provides both local and regional access throughout the City of Buena Park. The posted speed limit is 40 miles per hour (mph), with on-street parking prohibited within the study area.

Auto Center Drive is a secondary roadway, which is four lanes with a raised median to the west, and two lanes and undivided to the east of the study area. It is oriented in an east-west direction, runs parallel to the I-5 freeway, and provides direct access to the I-5 northbound off-ramp in the study area. The posted speed limit is 35 mph, and on-street parking is generally permitted in both directions.

9th Street is an undivided two-lane local roadway, oriented in an east-west direction from Stanton Avenue to Indiana Street. The roadway assumes a prima facie speed limit of 25 mph, and on-street parking is permitted in both directions.

Whitaker Street is an undivided four-lane local roadway, oriented in an east-west direction. The posted speed limit is 35 mph, and on-street parking is permitted in both directions. Whitaker Street is currently not designated as a bike route in the study area; however, a road diet project has been completed in the City of Fullerton to the City of Buena Park limit, which is approximately 1/3 mile east of the study area, and it is anticipated to be extended to Stanton Avenue in the future.

Indiana Street is an undivided two-lane local roadway, oriented in a north-south direction. The roadway assumes a prima facie speed limit of 25 mph, and on-street parking is permitted in both directions.

California Street is an undivided two-lane local roadway, oriented in an east-west direction. The roadway assumes a prima facie speed limit of 25 mph, and on-street parking is permitted in both directions.

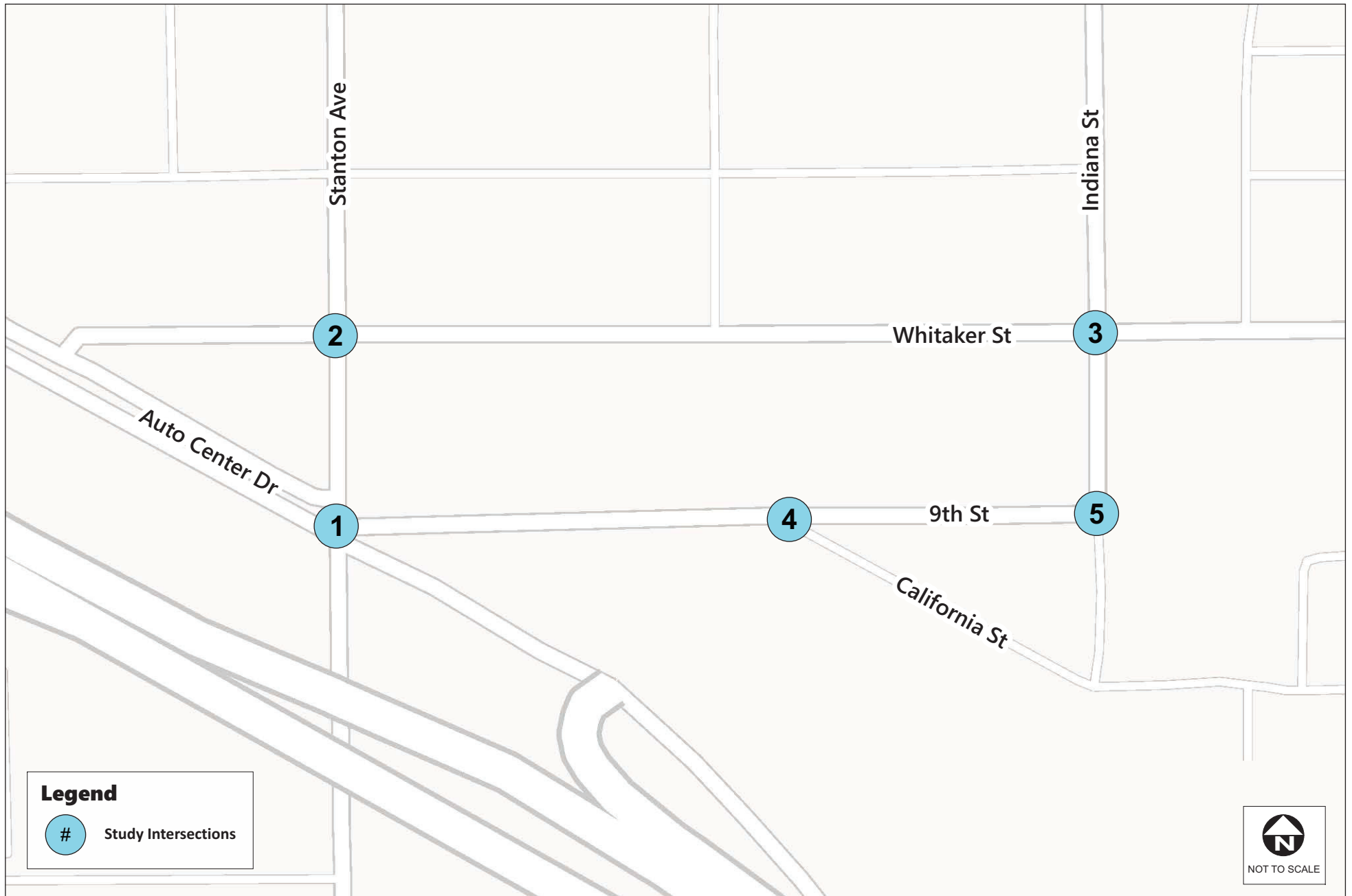
1.2 Study Intersections

The proposed study identified the following five (5) intersections for the analysis:

Intersections

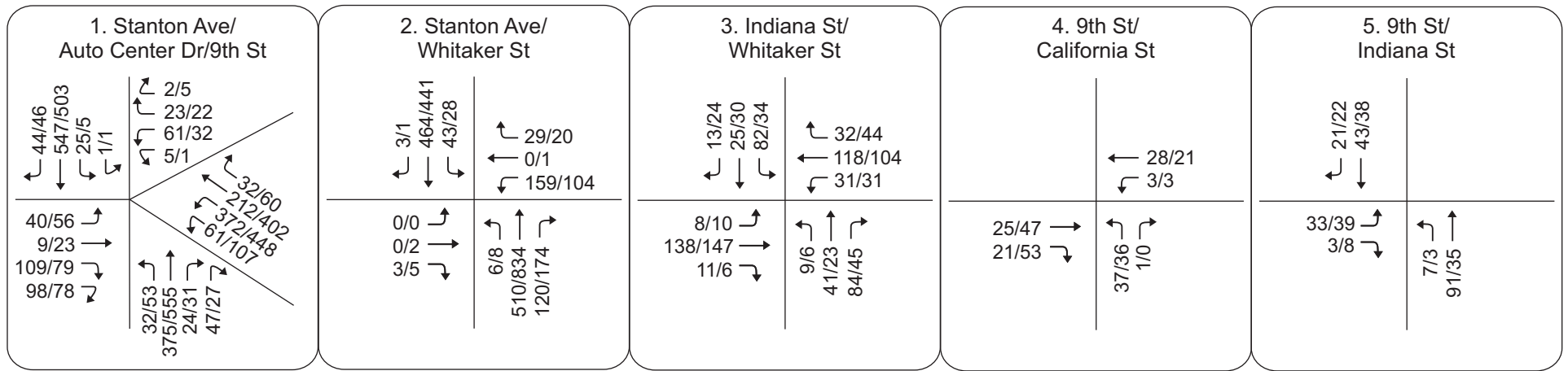
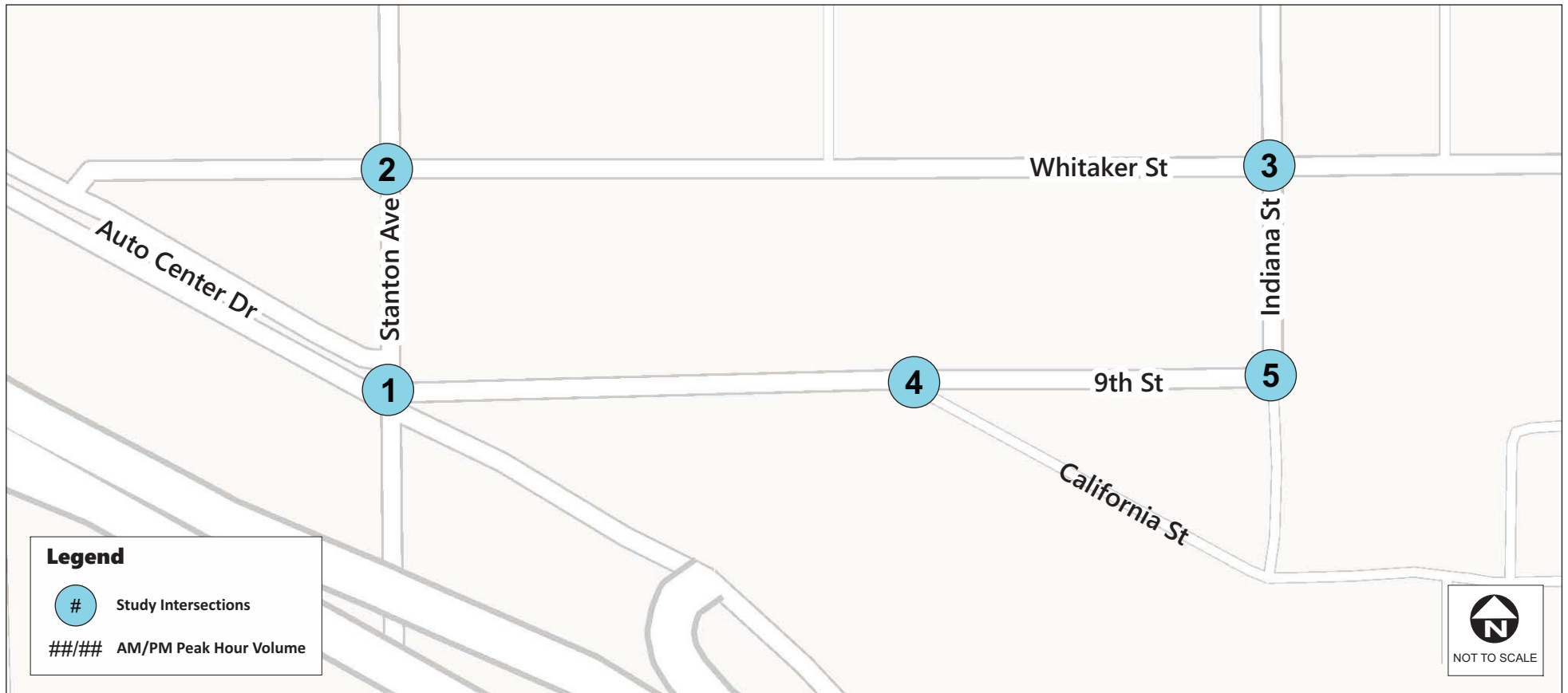
1. Stanton Ave/Auto Center Dr/9th St (Signalized) – Primary study intersection
2. Stanton Ave/Whitaker St (Signalized)
3. Indiana St/Whitaker St (All-Way Stop Controlled)
4. 9th St/California St (All-Way Stop Controlled)
5. 9th St/Indiana St (Two-Way Stop Controlled T-Intersection)

The study intersections for analysis were selected in coordination with City staff based on the study needs and anticipated distribution of future traffic affected by the modification concepts. The focus of the study was on the Stanton Ave/Auto Center Dr/9th Street intersection, with additional review on neighboring adjacent intersections. The location of the project site and the study intersections are illustrated in **Figure 2**.



2 DATA COLLECTION

Turning movement counts were conducted for the morning (7:00 AM to 9:00 AM) and afternoon (4:00 PM to 6:00 PM) peak periods. Traffic data for all five study intersections were collected on typical midday weekdays when schools are in session (Wednesday, August 21st, 2024, or Tuesday, September 17th, 2024). The existing conditions reflect traffic operations in the study area as of 2024. **Figure 3** presents the weekday AM and PM peak hour turning movement data at the five intersections under the existing conditions. Detailed traffic count data are included in **Appendix A**.



3 TRAFFIC ANALYSIS METHODOLOGY AND MODEL DEVELOPMENT

This section summarizes the traffic operations analysis methodology and discusses the model development process. This traffic analysis was conducted using the PTV VISSIM 2024 (Service Pack 08) microsimulation software to develop and model the study network of five intersections. This version was the most current available at the time of the project initiation. Vehicle delays were calculated in the model natively and then assigned level of service (LOS) grades based on the Highway Capacity Manual (HCM) LOS criteria, which are presented in **Table 1**.

Table 1: HCM Intersection Level of Service Definitions

Level of Service	Description	Signalized Intersection Delay (seconds per vehicle)	Unsignalized Intersection Delay (seconds per vehicle)
A	Excellent operation. All approaches to the intersection appear quite open, turning movements are easily made, and nearly all drivers find freedom of operation.	≤ 10	≤ 10
B	Very good operation. Many drivers begin to feel somewhat restricted within platoons of vehicles. This represents stable flow. An approach to an intersection may occasionally be fully utilized and traffic queues start to form.	> 10 and ≤ 20	> 10 and ≤ 15
C	Good operation. Occasionally drivers may have to wait more than 60 seconds, and back-ups may develop behind turning vehicles. Most drivers feel somewhat restricted.	> 20 and ≤ 35	> 15 and ≤ 25
D	Fair operation. Cars are sometimes required to wait more than 60 seconds during short peaks. There are no long-standing traffic queues.	> 35 and ≤ 55	> 25 and ≤ 35
E	Poor operation. Some long-standing vehicular queues develop on critical approaches to intersections. Delays may be up to several minutes.	> 55 and ≤ 80	> 35 and ≤ 50
F	Forced flow. Represents jammed conditions. Backups from locations downstream or on the cross street may restrict or prevent movement of vehicles out of the intersection approach lanes; therefore, volumes carried are not predictable. Potential for stop and go type traffic flow.	> 80	> 50

Source: Highway Capacity Manual, Transportation Research Board, Washington, D.C., 2022

3.1 Model Development

The VISSIM model was used to simulate the AM peak hour and PM peak hour traffic operations in the study area. These peak hour simulation runs were run for 4,500 seconds (1 hour and 15 minutes), which includes a 15-minute warm-up period followed by a 1-hour data recording period. For each peak hour, ten (10) simulation runs were performed using random seeding. The results from these 10 runs were then averaged to obtain the simulation outputs used in the analysis, namely the node results representing study intersection outputs like vehicular delay and LOS, and select roadway segment travel time results.

Calibration ensures that the developed model is adjusted and modified in manners to best reflect existing traffic operations in the study area. Calibration was performed for the existing AM and PM peak hour traffic conditions at the study intersections. To calibrate the model, GEH and volume calibration tests were used. These are widely accepted calibration metrics for local and arterial roadway networks. These metrics have been adopted as primary tools in various microsimulation policies and guideline documents published by transportation agencies including the Wisconsin Department of Transportation, Washington Department of Transportation, and the Oregon Department of Transportation. GEH calculations are performed using the following formula:

$$GEH = \sqrt{2 \frac{(M - O)^2}{(M + O)}}$$

M = Modeled Data (VISSIM Data)
O = Observed Data (Field Counted Data)

The calibration targets and thresholds applied for this study presented in **Table 2**.

Table 2: Calibration Criteria Thresholds

Metric	Criteria	Calibration Threshold
GEH – Turn Volume	All Turns	GEH < 5.0 for > 85% of all turns
GEH – Global Volume	Every turn volume combined	GEH < 4.000
Turn Volume Comparison	All Turns < 700 vehicles per hour (vph)	Volume difference < 100 vph
	700 vph < All Turns < 2,700 vph	Volume difference < 15.0%
	2,700 vph < All Turns	Volume difference < 400 vph
	Pass volume test for > 85% of all turns	
Global Volume Comparison	Every turn volume combined	Within 5%

Table 3 summarizes the calibration results of the model for the AM and PM peak hours. The model meets the target thresholds for all four (4) calibration metrics by a comfortable margin, indicating a high level of calibration accuracy and reliability for the existing conditions. The detailed calibration results are attached in **Appendix B**.

Table 3: Model Calibration Summary of AM and PM Peak Hours

Metric	AM Results	PM Results	Target	Status
GEH – Turn Volume	100%	100%	> 85%	PASS
GEH – Global Volume	0.239	1.264	< 4.000	PASS
Turn Volume	100%	100%	> 85%	PASS
Global Volume	0.36%	1.78%	< 5%	PASS

4 TRAFFIC ANALYSIS RESULTS

This section summarizes the traffic analysis results of the existing conditions and three alternative conditions during the AM and PM peak hours. Detailed results of VISSIM simulation runs are presented in **Appendix C** for all conditions. Modifications associated with each alternative are listed below. A detailed list of assumptions and modifications are discussed in subsequent sections:

- *Alternative 1* – Full closure of the 9th Street approach at the Stanton Avenue/Auto Center Drive/9th Street intersection to prohibit both ingress and egress movements.
- *Alternative 2* – Partial closure of the 9th Street approach at the Stanton Avenue/Auto Center Drive/9th Street intersection to prohibit egress movements while permitting ingress movements.
- *Alternative 3* – Signal coordination and optimization of Stanton Avenue with no geometric changes.

4.1 Existing Conditions Analysis

Table 4 summarizes the existing weekday AM and PM peak hour operation conditions at the study intersections. All intersections currently operate at LOS B or better, except for the Stanton Avenue/Auto Center Drive/9th Street intersection, which operates at LOS C during the AM peak hour, and LOS D during the PM peak hour.

Table 4: Existing Conditions AM and PM Peak Hour Intersection Level of Service

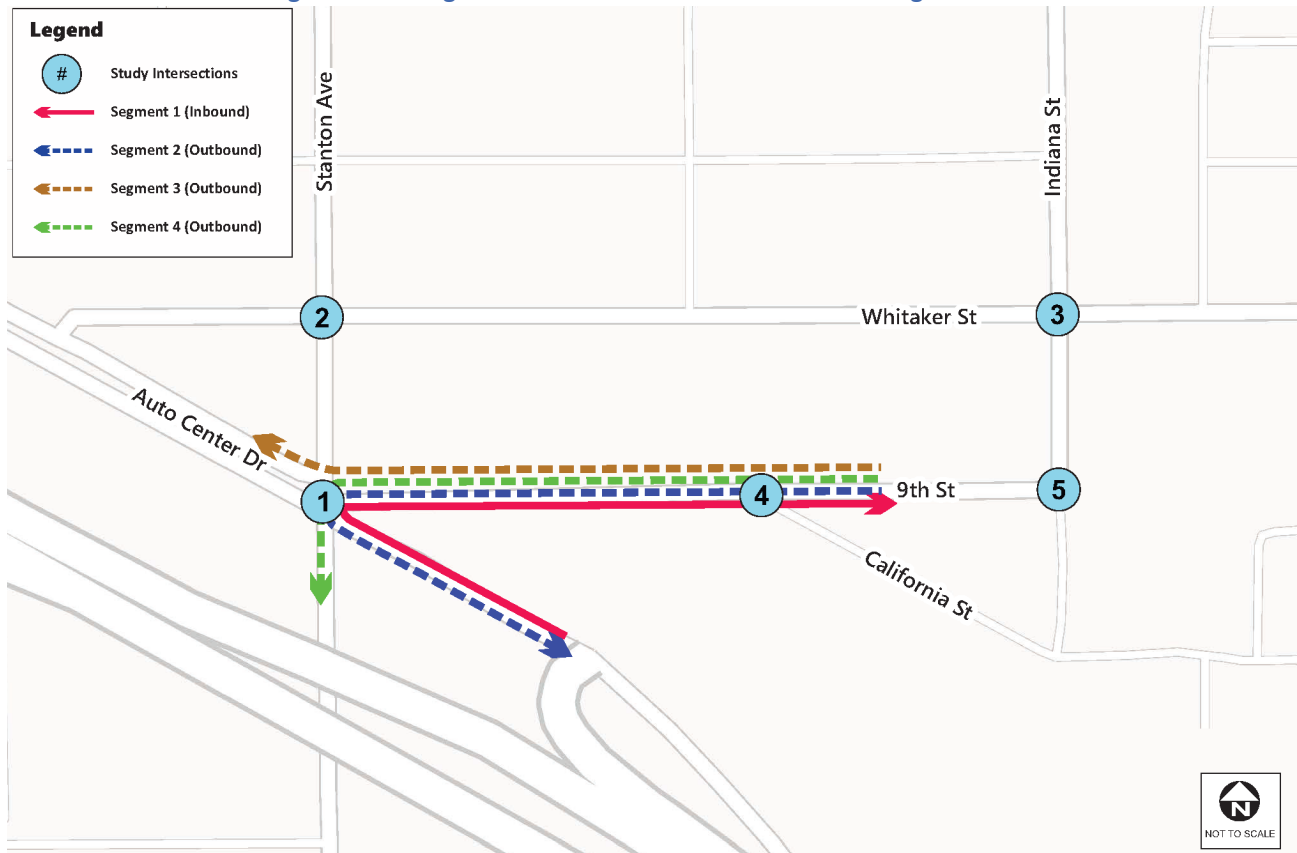
Intersection			AM Peak Hour		PM Peak Hour	
#	Location	Control*	Delay (s)	LOS	Delay (s)	LOS
1	Stanton Ave/Auto Center Dr/9 th St	Signalized	30.9	C	40.3	D
2	Stanton Ave/Whitaker St	Signalized	7.4	A	7.6	A
3	Indiana St/Whitaker St	AWSC	14.4	B	9.9	A
4	9 th St/California St	AWSC	8.6	A	8.2	A
5	9 th St/Indiana St**	TWSC	4.8	A	4.4	A
*AWSC = All-way Stop-controlled; TWSC = Two-way Stop-controlled						
**TWSC intersection, the worst approach LOS is reported.						

Table 5 below summarizes the existing weekday AM and PM peak hour travel time measurements for the defined travel time segments that measure the travel time performance for detoured traffic under the various alternative conditions. Segment #1 represents inbound travel from westbound Auto Center Drive to the residential neighborhood along 9th Street. Segments #2, #3, and #4 represent outbound travel from the 9th Street residential neighborhood to each of the outbound legs at the Standon Avenue/Auto Center Drive/9th Street intersection. **Figure 4** illustrates the four travel time segments under the existing conditions. As presented in **Table 5**, all segments report travel times of less than two (2) minutes during both the AM and PM peak hours under the existing conditions.

Table 5: Existing Conditions AM and PM Peak Hour Segment Travel Time

Segment		Travel Time (min)	
#	Description	AM Peak Hour	PM Peak Hour
1	Auto Center Dr WB to 9 th St/California St	1.1	1.5
2	9 th St/California St to Auto Center Dr EB	1.5	1.1
3	9 th St/California St to Stanton Ave SB	1.4	1.6
4	9 th St/California St to Auto Center Dr WB	1.3	1.4

Figure 4: Existing Conditions Travel Time Measurement Segments



4.2 Alternative 1 Conditions Analysis

Alternative 1 assumed that a full closure of the 9th Street approach at the Stanton Avenue/Auto Center Drive/9th Street intersection would be implemented. The following modifications were therefore assumed as part of the simulation modeling:

- Both ingress and egress from 9th Street at the Stanton Avenue/Auto Center Drive/ 9th Street intersection would be prohibited. The 9th Street approach to the intersection would be converted into a cul-de-sac and limited to local access for residences east of the intersection.

- Due to the full street closure at the intersection, both ingress and egress travel originally using 9th Street would be re-routed to use Stanton Avenue, Whitaker Street, and Indiana Street. Detours will be illustrated in **Figure 5** following the travel time discussion in this section.
- As a result of the complete street closure, the westbound right-turn-on-red movement from Auto Center Drive to northbound Stanton Avenue which is currently prohibited was assumed to be permitted.
- Due to the removal of westbound movements from 9th Street, the exclusive westbound signal phase dedicated to 9th Street would be eliminated.
- As part of the modification, traffic signals at the Stanton Avenue/Auto Center Drive/ 9th Street intersection and Stanton Avenue/Whitaker Avenue intersection were optimized and coordinated in the north/south direction.
- The proposed complete street road diet project along Whitaker Avenue with City limits was assumed to be completed, which would result in a reduction from two to one through lanes in both the eastbound and westbound directions along Whitaker Avenue.

Table 6 summarizes the Alternative 1 weekday AM and PM peak hour operation conditions at the study intersections. Due to the simplified operations resulting from the removal of 9th Street and the exclusive phase dedicated to 9th Street, the Stanton Avenue/Auto Center Drive/9th Street intersection would operate at LOS C during both AM and PM peak hours, which would be similar to the LOS C during the existing AM peak hour and would represent an improvement from LOS D during the existing PM peak hour.

Under Alternative 1 conditions, the road diet project along Whitaker Street was assumed to be completed, leading to reduced vehicular capacity and increased delays along the study intersections on Whitaker Avenue. While capacity is reduced, these intersections would still operate at LOS C or better during both AM and PM peak hours. The local intersections along 9th Street would continue to operate at LOS A.

Table 6: Alternative 1 Conditions AM and PM Peak Hour Intersection Level of Service

Intersection			AM Peak Hour		PM Peak Hour	
#	Location	Control*	Delay (s)	LOS	Delay (s)	LOS
1	Stanton Ave/Auto Center Dr/9 th St	Signalized	22.1	C	23.7	C
2	Stanton Ave/Whitaker St	Signalized	11.7	B	8.7	A
3	Indiana St/Whitaker St	AWSC	22.4	C	18.9	B
4	9 th St/California St	AWSC	5.7	A	5.5	A
5	9 th St/Indiana St**	TWSC	5.4	A	4.6	A
*AWSC = All-way Stop-controlled; TWSC = Two-way Stop-controlled						
**TWSC intersection, the worst approach LOS is reported.						

Table 7 summarizes the Alternative 1 conditions weekday AM and PM peak hour travel time measurements for the travel time segments. **Figure 5** visualizes the four detour travel time segments under the Alternative 1 conditions. Due to the full closure of 9th Street, all four affected ingress and egress routes would need to travel along Stanton Avenue, Whitaker Street, and Indiana Street to access the internal neighborhood previously accessed directly by 9th Street. Travel times along all four segments would increase, primarily due to the increased travel distances. In particular, the travel time between 9th Street to Auto Center Drive eastbound, (Segment #2), would increase by more than 2 minutes during both

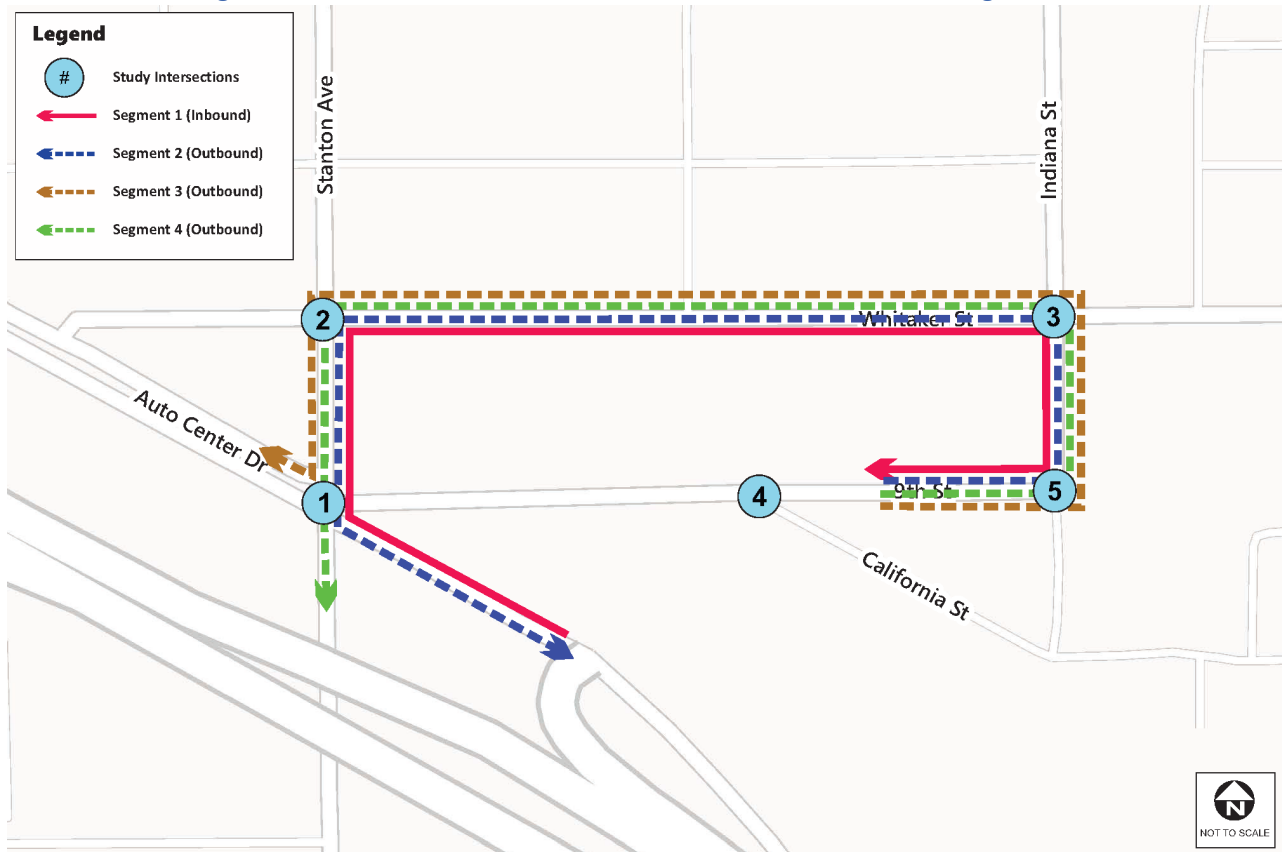
AM and PM peak hour, due to the delays associated with the southbound left-turning movement from Stanton Avenue to Auto Center Drive.

Table 7: Alternative 1 Conditions AM and PM Peak Hour Segment Travel Time

Segment		AM Peak Hour		PM Peak Hour	
#	Description	Travel Time (s)	vs. Existing (s)*	Travel Time (s)	vs. Existing (s)*
1	Auto Center Dr WB to 9 th St/California St	2.0	+0.8	2.1	+0.6
2	9 th St/California St to Auto Center Dr EB	3.5	+2.1	3.4	+2.3
3	9 th St/California St to Stanton Ave SB	2.5	+1.2	2.4	+0.8
4	9 th St/California St to Auto Center Dr WB	2.6	+1.3	2.4	+1.0

**Rounded and may not add up to exact decimals when comparing to existing conditions*

Figure 5: Alternative 1 Conditions Travel Time Measurement Detour Segments



4.3 Alternative 2 Conditions Analysis

Alternative 2 assumed that a partial closure of the 9th Street approach at the Stanton Avenue/Auto Center Drive/9th Street intersection would be implemented. The following modifications were therefore assumed as part of the simulation modeling:

- Outbound from 9th Street at the Stanton Avenue/Auto Center Drive/ 9th Street

intersection would be prohibited. Inbound traffic into the 9th Street residential neighborhood would still be allowed.

- Due to the removal of westbound movements from 9th Street, the exclusive westbound signal phase dedicated to 9th Street would be removed.
- The westbound right-turn movement along Auto Center Drive would remain prohibited during the red phase of the traffic signal operation.
- As part of the modification, traffic signals at the Stanton Avenue/Auto Center Drive/9th Street intersection and Stanton Avenue/Whitaker Avenue intersection were assumed to be optimized and coordinated in the north/south direction.
- Due to the partial street closure, egress travel previously using 9th Street would be rerouted to use Indiana Street, Whitaker Street, and Stanton Avenue. Detours are illustrated in **Figure 6** below.
- The proposed complete street road diet project along Whitaker Avenue with City limits was assumed to be completed, which would result in a reduction from two to one through lanes in both the eastbound and westbound directions along Whitaker Avenue.

Table 8 summarizes the Alternative 2 weekday AM and PM peak hour operation conditions at the study intersections. Due to the simplified operations resulting from the removal of 9th Street and the exclusive phase dedicated to 9th Street, the Stanton Avenue/Auto Center Drive/9th Street intersection would operate at LOS C during both AM and PM peak hours, which would be the same as the existing AM peak hour and an improvement from LOS D during the PM peak hour in the existing conditions. The improvement under Alternative 2 is not as substantial as under Alternative 1, since westbound right-turn-on-red movements would be permitted in Alternative 1, while it is prohibited under Alternative 2 due to the conflicts with inbound vehicles to 9th Street at this intersection.

Under Alternative 2 conditions, the study intersections on Whitaker Street would still operate at LOS C or better during both AM and PM peak hours while the local intersections along 9th Street would both continue to operate at LOS A.

Table 8: Alternative 2 Conditions AM and PM Peak Hour Intersection Level of Service

Intersection			AM Peak Hour		PM Peak Hour	
#	Location	Control*	Delay (s)	LOS	Delay (s)	LOS
1	Stanton Ave/Auto Center Dr/9 th St	Signalized	25.7	C	33.3	C
2	Stanton Ave/Whitaker St	Signalized	12.9	B	8.9	A
3	Indiana St/Whitaker St	AWSC	17.9	B	12.8	B
4	9 th St/California St	AWSC	5.9	A	6.4	A
5	9 th St/Indiana St**	TWSC	5.1	A	4.8	A
*AWSC = All-way Stop-controlled; TWSC = Two-way Stop-controlled **TWSC intersection, the worst approach LOS is reported.						

Table 9 summarizes the Alternative 2 conditions weekday AM and PM peak hour travel time measurements at the travel time segments. **Figure 6** visualizes the four detour travel time segments under the Alternative 2 conditions. Due to the partial closure of 9th Street, the three outbound segments from the 9th Street residential neighborhood, which are segments #2, #3, and #4, would need to travel around the block via Stanton Avenue, Whitaker Street, and Indiana Street. The inbound segment, which is segment #1, would travel the same route as the existing conditions; thus, the travel time along this

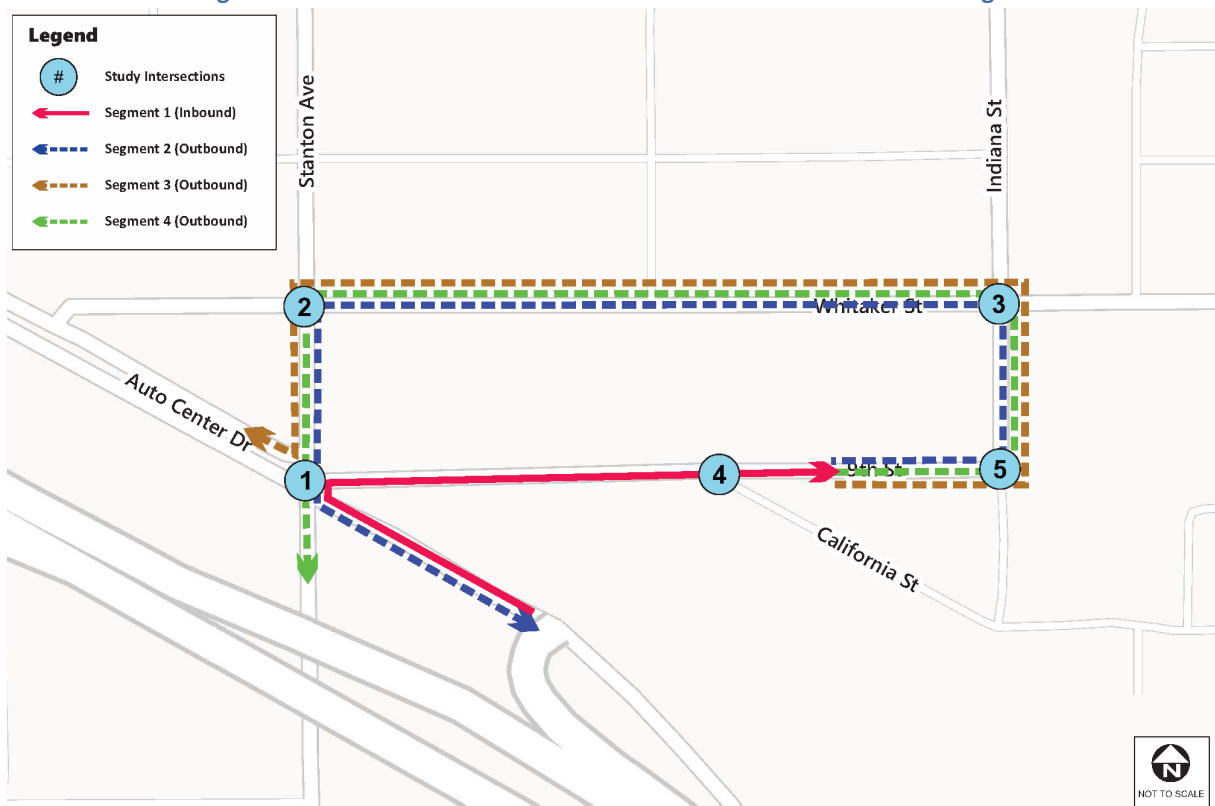
segment would not change. Travel times along all three outbound segments would increase primarily due to increased travel distances. Similar to Alternative 1 conditions, the travel time between 9th Street and Auto Center Drive eastbound, which is the segment #2, would increase by more than 2 minutes in both AM and PM peak hours, due to the delays associated with the southbound left-turn movement from Stanton Avenue to Auto Center Drive.

Table 9: Alternative 2 Conditions AM and PM Peak Hour Segment Travel Time and Speed

Segment		AM Peak Hour		PM Peak Hour	
#	Description	Travel Time (s)	vs. Existing (s)*	Travel Time (s)	vs. Existing (s)*
1	Auto Center Dr WB to 9 th St/California St	1.1	-0.0	1.5	-0.0
2	9 th St/California St to Auto Center Dr EB	3.5	+2.0	3.4	+2.3
3	9 th St/California St to Stanton Ave SB	2.4	+1.1	2.4	+0.9
4	9 th St/California St to Auto Center Dr WB	2.4	+1.1	2.4	+1.0

**Rounded and may not add up to exact decimals when comparing to the existing conditions*

Figure 6: Alternative 2 Conditions Travel Time Measurement Detour Segments



4.4 Alternative 3 Conditions Analysis

Alternative 3 assumed the following modifications to be implemented for the signal optimization and coordination of the existing Stanton Avenue intersections in the study area:

- No geometric modifications would be applied to the intersection and surrounding area.

- Traffic signals at the Stanton Avenue/Auto Center Drive/9th Street intersection and Stanton Avenue/Whitaker Avenue intersection were optimized and coordinated in the north/south direction.
- The proposed complete street road diet project along Whitaker Avenue with City limits was assumed to be completed, which would result in a reduction from two to one through lanes in both the eastbound and westbound directions along Whitaker Avenue.

Table 10 summarizes the Alternative 3 weekday AM and PM peak hour operation conditions at the study intersections. Due to the coordination and optimization of Stanton Avenue intersection signals, marginal operational changes were observed at the Stanton Avenue/Auto Center Drive/9th Street intersection. A small improvement of approximately 5 seconds in vehicle delay during the PM peak hour was observed, but the intersection would continue to operate at LOS D.

Under Alternative 3 conditions, the Whitaker Street intersections would still operate at LOS B or better during both the AM and PM peak hours, while the local intersections along 9th Street are both anticipated to continue operating at LOS A.

Table 10: Alternative 3 Conditions AM and PM Peak Hour Intersection Level of Service

Intersection			AM Peak Hour		PM Peak Hour	
#	Location	Control*	Delay (s)	LOS	Delay (s)	LOS
1	Stanton Ave/Auto Center Dr/9 th St	Signalized	33.6	C	35.3	D
2	Stanton Ave/Whitaker St	Signalized	9.2	A	6.5	A
3	Indiana St/Whitaker St	AWSC	15.0	B	10.5	B
4	9 th St/California St	AWSC	8.6	A	8.2	A
5	9 th St/Indiana St**	TWSC	4.7	A	4.4	A
*AWSC = All-way Stop-controlled; TWSC = Two-way Stop-controlled						
**TWSC intersection, the worst approach LOS is reported.						

Table 11 summarizes the Alternative 3 conditions weekday AM and PM peak hour travel time measurements at the travel time segments. The signal optimization and coordination along Stanton Avenue only result in marginal changes of less than 0.3 minutes for all four travel time segments during both the AM and PM peak hours, as no detours are required due to the absence of geometric changes.

Table 11: Alternative 3 Conditions AM and PM Peak Hour Segment Travel Time

Segment		AM Peak Hour		PM Peak Hour	
#	Description	Travel Time (s)	vs. Existing (s)*	Travel Time (s)	vs. Existing (s)*
1	Auto Center Dr WB to 9 th St/California St	1.0	-0.1	1.2	-0.3
2	9 th St/California St to Auto Center Dr EB	1.6	+0.2	1.1	-0.0
3	9 th St/California St to Stanton Ave SB	1.6	+0.2	1.5	-0.1
4	9 th St/California St to Auto Center Dr WB	1.6	+0.3	1.6	+0.2
*Rounded and may not add up to exact decimals when comparing to the existing conditions					

5 COST ESTIMATES

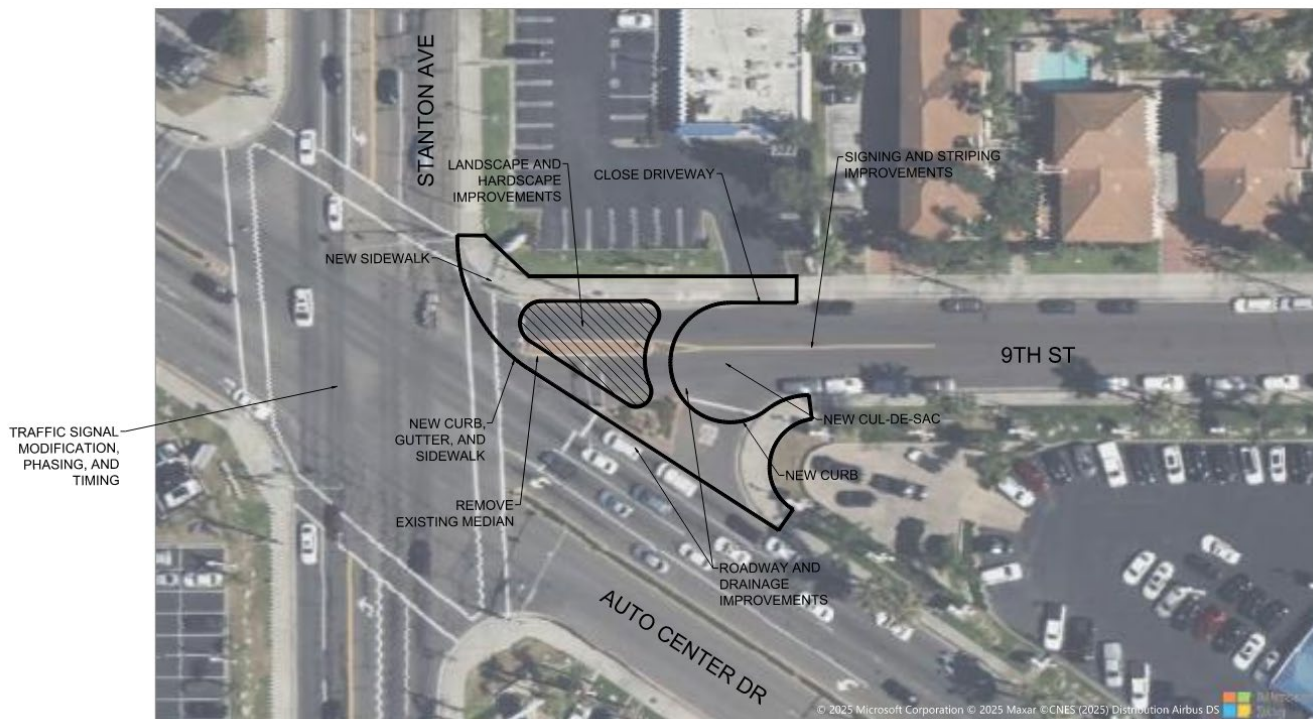
Following the traffic simulation modeling analysis, a preliminary cost estimate was prepared to support the assessment of the two proposed alternatives for the Stanton Avenue/Auto Center Drive/9th Street intersection that involved geometric upgrades. The estimates account for both traffic operation-related and civil- related improvements necessary to implement each alternative concept.

Traffic operation-related upgrades would be required across both alternatives and are estimated to be approximately \$500,000. These upgrades include modifications to existing traffic signals, adjustments to phasing and signal timing, temporary traffic control during construction, as well as new signing and striping layouts. These improvements are essential to ensure safe and consistent traffic operations during and after construction and implementation.

Civil-related upgrades vary for the two alternatives depending on the extent of closure.

- **Alternative 1**, which is presented in **Figure 7**, assumed a complete closure of the 9th Street approach at the Stanton Avenue/Auto Center Drive/9th Street intersection and would require more extensive geometric modifications. These may include roadway reconstruction, drainage adjustments, utility relocations, and landscape/hardscape enhancements. The preliminary cost estimate for these civil improvements is approximately \$500,000.

Figure 7: Alternative 1 (9th Street Full Closure) Conceptual Design



- **Alternative 2**, which is presented in **Figure 8**, assumed a more limited partial closure of the 9th Street egress at the Stanton Avenue/Auto Center Drive/9th Street intersection, which minimizes the scope of civil work compared to the full closure concept under Alternative 1. The preliminary cost estimate for these civil improvements is approximately \$300,000.

Figure 8: Alternative 2 9th Street Partial Closure Concept Design



The total cost of Alternative 1 was therefore estimated to be \$1,000,000, and Alternative 2 to be \$800,000. These estimates are high level estimates to provide a comparative understanding of expected costs associated with each alternative. Further detailed design at the preliminary and final design stage, environmental review if needed, and right-of-way considerations may further influence the final construction costs.

6 CONCLUSIONS

This analysis evaluated the feasibility of three alternative modifications to the Stanton Avenue/Auto Center Drive/9th Street intersection in the City of Buena Park. Each alternative was analyzed to assess and determine trade-offs in both traffic operations and construction costs, and the potential operational benefits gained from the various alternative modifications. The analysis focused on AM and PM peak hour intersection operations, travel times, and preliminary cost estimates.

- **Alternative 1 (Full Closure of 9th Street Approach)** would result in some operational improvements at the Stanton Avenue/Auto Center Drive/9th Street intersection, improving performance from LOS D to LOS C during the PM peak hour. However, travel times for both the inbound and outbound routes serving the 9th Street neighborhood would increase due to the extra detour travel distance resulting from the full closure. This alternative is also the most expensive, with a preliminary cost estimate of \$1,000,000.
- **Alternative 2 (Partial Closure of 9th Street Egress)** would result in some operational improvements at the Stanton Avenue/Auto Center Drive/9th Street intersection, improving performance from LOS D to LOS C during the PM peak hour. However, the improvement would not be as large as Alternative 1. Travel times for detour outbound routes from the 9th Street neighborhood would increase due to longer travel distances, while the inbound route would remain unchanged. The preliminary cost estimate for this alternative is \$800,000.
- **Alternative 3 (Signal Optimization and Coordination)** would result in marginal improvements at the Stanton Avenue/Auto Center Drive/9th Street intersection, which would continue to operate at LOS D during the PM peak hour. Travel times for both inbound and outbound routes would also show only marginal changes.

APPENDIX A – DATA COLLECTION

City of Buena Park
N/S: Stanton Avenue
E/W: Auto Center Drive/9th Street
Weather: Clear

File Name : 01_BPK_Stan_Auto AM
Site Code : 04224715
Start Date : 8/21/2024
Page No : 1

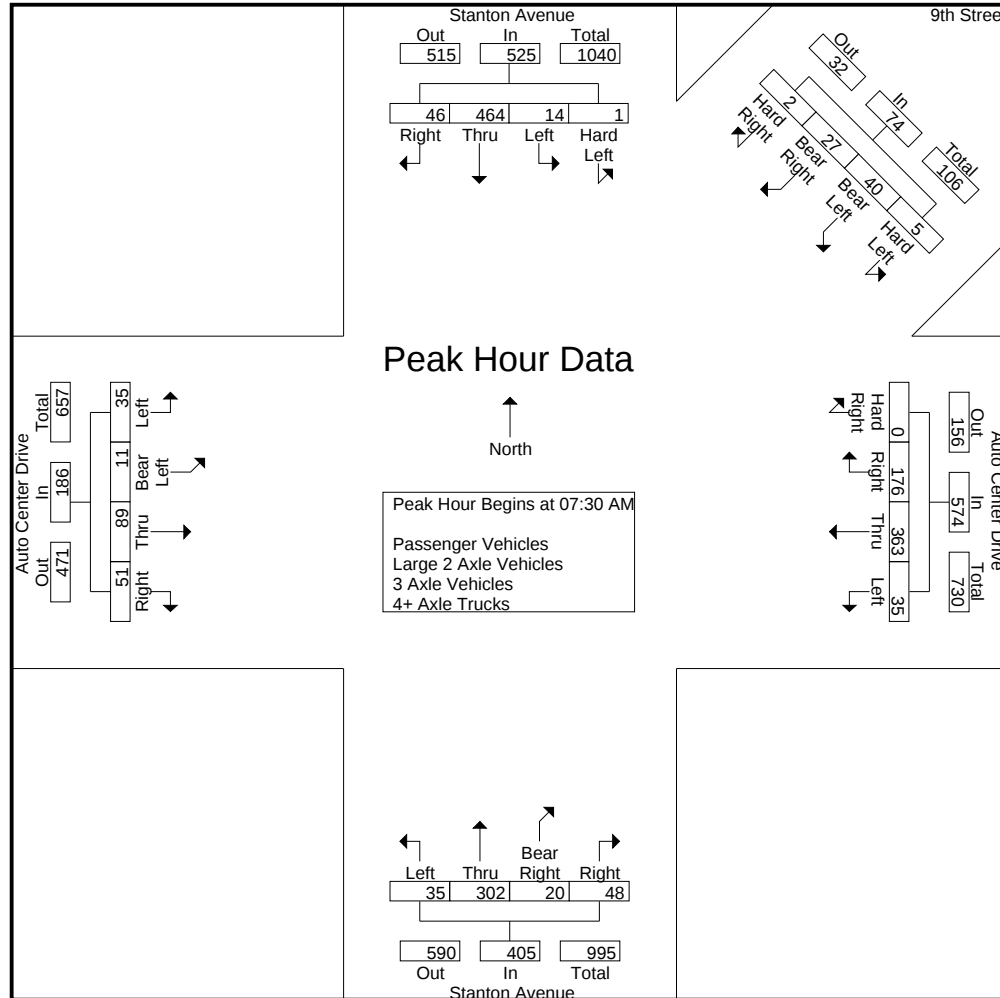
Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

	Stanton Avenue Southbound					9th Street Southwestbound					Auto Center Drive Westbound					Stanton Avenue Northbound					Auto Center Drive Eastbound					
Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	1	86	8	95	0	12	2	1	15	10	87	29	0	126	4	47	3	10	64	7	1	14	12	34	334
07:15 AM	1	0	94	13	108	0	12	10	1	23	11	82	27	0	120	11	66	2	11	90	1	0	21	7	29	370
07:30 AM	0	1	129	9	139	1	16	8	1	26	10	96	24	0	130	8	75	7	17	107	4	3	15	12	34	436
07:45 AM	0	2	132	12	146	3	9	10	0	22	12	108	62	0	182	10	80	4	13	107	10	3	31	10	54	511
Total	1	4	441	42	488	4	49	30	3	86	43	373	142	0	558	33	268	16	51	368	22	7	81	41	151	1651
08:00 AM	0	5	96	9	110	1	9	4	1	15	6	79	51	0	136	9	66	6	12	93	15	1	30	14	60	414
08:15 AM	1	6	107	16	130	0	6	5	0	11	7	80	39	0	126	8	81	3	6	98	6	4	13	15	38	403
08:30 AM	0	2	97	12	111	0	6	2	0	8	12	119	27	0	158	13	64	2	5	84	2	4	24	22	52	413
08:45 AM	0	1	96	12	109	0	9	2	0	11	18	84	40	0	142	7	74	3	6	90	6	2	17	9	34	386
Total	1	14	396	49	460	1	30	13	1	45	43	362	157	0	562	37	285	14	29	365	29	11	84	60	184	1616
Grand Total	2	18	837	91	948	5	79	43	4	131	86	735	299	0	1120	70	553	30	80	733	51	18	165	101	335	3267
Apprch %	0.2	1.9	88.3	9.6		3.8	60.3	32.8	3.1		7.7	65.6	26.7	0		9.5	75.4	4.1	10.9		15.2	5.4	49.3	30.1		
Total %	0.1	0.6	25.6	2.8	29	0.2	2.4	1.3	0.1	4	2.6	22.5	9.2	0	34.3	2.1	16.9	0.9	2.4	22.4	1.6	0.6	5.1	3.1	10.3	
Passenger Vehicles	2	18	824	87	931	5	79	40	4	128	80	703	291	0	1074	69	536	30	80	715	50	17	161	96	324	3172
% Passenger Vehicles	100	100	98.4	95.6	98.2	100	100	93	100	97.7	93	95.6	97.3	0	95.9	98.6	96.9	100	100	97.5	98	94.4	97.6	95	96.7	97.1
Large 2 Axle Vehicles	0	0	9	2	11	0	0	1	0	1	5	16	3	0	24	0	7	0	0	7	0	0	3	1	4	47
% Large 2 Axle Vehicles	0	0	1.1	2.2	1.2	0	0	2.3	0	0.8	5.8	2.2	1	0	2.1	0	1.3	0	0	1	0	0	1.8	1	1.2	1.4
3 Axle Vehicles	0	0	2	2	4	0	0	2	0	2	1	12	4	0	17	1	9	0	0	10	1	0	1	0	2	35
% 3 Axle Vehicles	0	0	0.2	2.2	0.4	0	0	4.7	0	1.5	1.2	1.6	1.3	0	1.5	1.4	1.6	0	0	1.4	2	0	0.6	0	0.6	1.1
4+ Axle Trucks	0	0	2	0	2	0	0	0	0	0	0	4	1	0	5	0	1	0	0	1	0	1	0	4	5	13
% 4+ Axle Trucks	0	0	0.2	0	0.2	0	0	0	0	0	0	0.5	0.3	0	0.4	0	0.2	0	0	0.1	0	5.6	0	4	1.5	0.4

	Stanton Avenue Southbound					9th Street Southwestbound					Auto Center Drive Westbound					Stanton Avenue Northbound					Auto Center Drive Eastbound					
Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																										
Peak Hour for Entire Intersection Begins at 07:30 AM																										
07:30 AM	0	1	129	9	139	1	16	8	1	26	10	96	24	0	130	8	75	7	17	107	4	3	15	12	34	436
07:45 AM	0	2	132	12	146	3	9	10	0	22	12	108	62	0	182	10	80	4	13	107	10	3	31	10	54	511
08:00 AM	0	5	96	9	110	1	9	4	1	15	6	79	51	0	136	9	66	6	12	93	15	1	30	14	60	414
08:15 AM	1	6	107	16	130	0	6	5	0	11	7	80	39	0	126	8	81	3	6	98	6	4	13	15	38	403
Total Volume	1	14	464	46	525	5	40	27	2	74	35	363	176	0	574	35	302	20	48	405	35	11	89	51	186	1764
% App. Total	0.2	2.7	88.4	8.8		6.8	54.1	36.5	2.7		6.1	63.2	30.7	0		8.6	74.6	4.9	11.9		18.8	5.9	47.8	27.4		
PHF	.250	.583	.879	.719	.899	.417	.625	.675	.500	.712	.729	.840	.710	.000	.788	.875	.932	.714	.706	.946	.583	.688	.718	.850	.775	.863

City of Buena Park
N/S: Stanton Avenue
E/W: Auto Center Drive/9th Street
Weather: Clear

File Name : 01_BPK_Stan_Auto AM
Site Code : 04224715
Start Date : 8/21/2024
Page No : 2



Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Buena Park
N/S: Stanton Avenue
E/W: Auto Center Drive/9th Street
Weather: Clear

File Name : 01_BPK_Stan_Auto AM
Site Code : 04224715
Start Date : 8/21/2024
Page No : 3

	Stanton Avenue Southbound					9th Street Southwestbound					Auto Center Drive Westbound					Stanton Avenue Northbound					Auto Center Drive Eastbound					
Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																										
Peak Hour for Each Approach Begins at:																										
	07:30 AM					07:00 AM					07:45 AM					07:30 AM					07:45 AM					
+0 mins.	0	1	129	9	139	0	12	2	1	15	12	108	62	0	182	8	75	7	17	107	10	3	31	10	54	
+15 mins.	0	2	132	12	146	0	12	10	1	23	6	79	51	0	136	10	80	4	13	107	15	1	30	14	60	
+30 mins.	0	5	96	9	110	1	16	8	1	26	7	80	39	0	126	9	66	6	12	93	6	4	13	15	38	
+45 mins.	1	6	107	16	130	3	9	10	0	22	12	119	27	0	158	8	81	3	6	98	2	4	24	22	52	
Total Volume	1	14	464	46	525	4	49	30	3	86	37	386	179	0	602	35	302	20	48	405	33	12	98	61	204	
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PHF	.250	.583	.879	.719	.899	.333	.766	.750	.750	.827	.771	.811	.722	.000	.827	.875	.932	.714	.706	.946	.550	.750	.790	.693	.850	

City of Buena Park
N/S: Stanton Avenue
E/W: Auto Center Drive/9th Street
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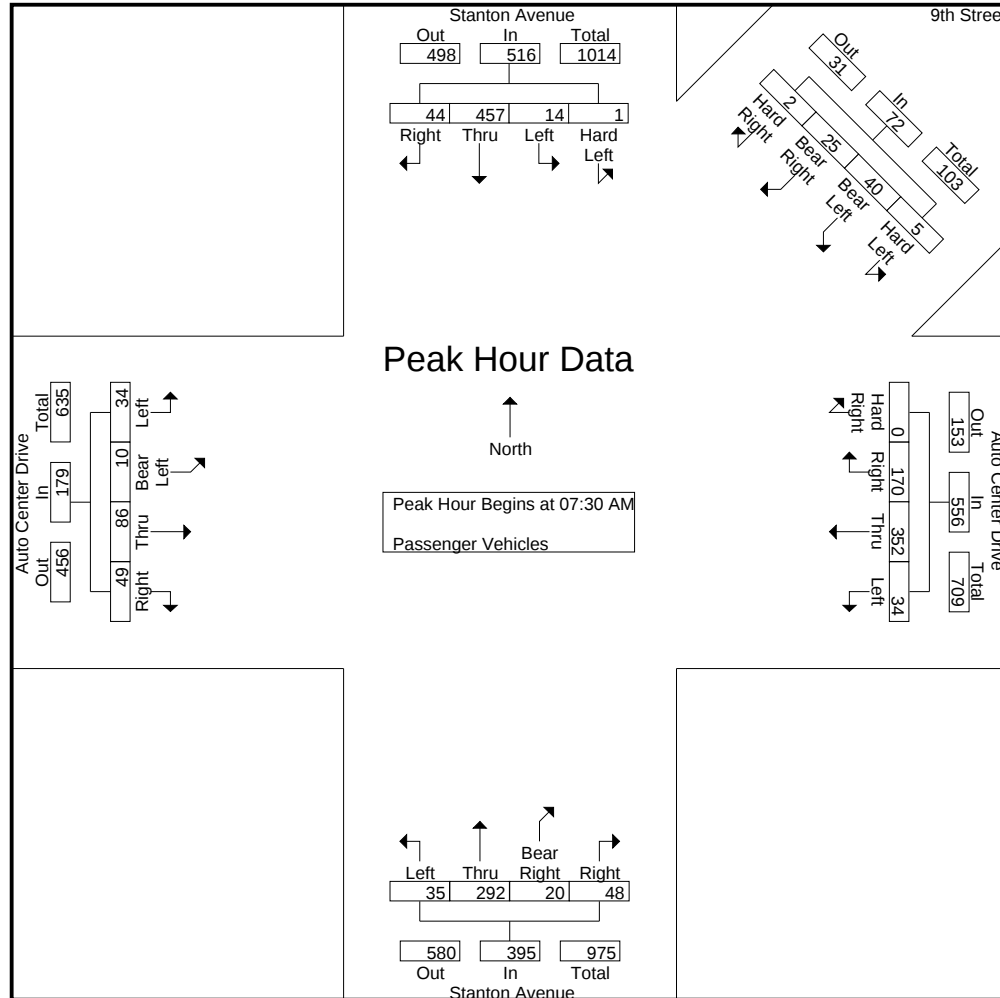
Groups Printed- Passenger Vehicles

	Stanton Avenue Southbound					9th Street Southwestbound					Auto Center Drive Westbound					Stanton Avenue Northbound					Auto Center Drive Eastbound					
Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	1	85	8	94	0	12	2	1	15	10	74	29	0	113	4	44	3	10	61	7	1	14	11	33	316
07:15 AM	1	0	92	13	106	0	12	9	1	22	10	80	27	0	117	11	64	2	11	88	1	0	21	6	28	361
07:30 AM	0	1	125	9	135	1	16	7	1	25	10	94	24	0	128	8	70	7	17	102	4	2	15	11	32	422
07:45 AM	0	2	131	12	145	3	9	9	0	21	12	107	62	0	181	10	78	4	13	105	9	3	30	10	52	504
Total	1	4	433	42	480	4	49	27	3	83	42	355	142	0	539	33	256	16	51	356	21	6	80	38	145	1603
08:00 AM	0	5	95	9	109	1	9	4	1	15	5	73	46	0	124	9	64	6	12	91	15	1	29	13	58	397
08:15 AM	1	6	106	14	127	0	6	5	0	11	7	78	38	0	123	8	80	3	6	97	6	4	12	15	37	395
08:30 AM	0	2	96	11	109	0	6	2	0	8	11	114	26	0	151	12	63	2	5	82	2	4	24	22	52	402
08:45 AM	0	1	94	11	106	0	9	2	0	11	15	83	39	0	137	7	73	3	6	89	6	2	16	8	32	375
Total	1	14	391	45	451	1	30	13	1	45	38	348	149	0	535	36	280	14	29	359	29	11	81	58	179	1569
Grand Total	2	18	824	87	931	5	79	40	4	128	80	703	291	0	1074	69	536	30	80	715	50	17	161	96	324	3172
Apprch %	0.2	1.9	88.5	9.3		3.9	61.7	31.2	3.1		7.4	65.5	27.1	0		9.7	75	4.2	11.2		15.4	5.2	49.7	29.6		
Total %	0.1	0.6	26	2.7	29.4	0.2	2.5	1.3	0.1	4	2.5	22.2	9.2	0	33.9	2.2	16.9	0.9	2.5	22.5	1.6	0.5	5.1	3	10.2	

	Stanton Avenue Southbound					9th Street Southwestbound					Auto Center Drive Westbound					Stanton Avenue Northbound					Auto Center Drive Eastbound					
Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. 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	125	9	135	1	16	7	1	25	10	94	24	0	128	8	70	7	17	102	4	2	15	11	32	422
07:45 AM	0	2	131	12	145	3	9	9	0	21	12	107	62	0	181	10	78	4	13	105	9	3	30	10	52	504
08:00 AM	0	5	95	9	109	1	9	4	1	15	5	73	46	0	124	9	64	6	12	91	15	1	29	13	58	397
08:15 AM	1	6	106	14	127	0	6	5	0	11	7	78	38	0	123	8	80	3	6	97	6	4	12	15	37	395
Total Volume	1	14	457	44	516	5	40	25	2	72	34	352	170	0	556	35	292	20	48	395	34	10	86	49	179	1718
% App. Total	0.2	2.7	88.6	8.5		6.9	55.6	34.7	2.8		6.1	63.3	30.6	0		8.9	73.9	5.1	12.2		19	5.6	48	27.4		
PHF	.250	.583	.872	.786	.890	.417	.625	.694	.500	.720	.708	.822	.685	.000	.768	.875	.913	.714	.706	.940	.567	.625	.717	.817	.772	.852

City of Buena Park
N/S: Stanton Avenue
E/W: Auto Center Drive/9th Street
Weather: Clear

File Name : 01_BPK_Stan_Auto AM
Site Code : 04224715
Start Date : 8/21/2024
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City of Buena Park
N/S: Stanton Avenue
E/W: Auto Center Drive/9th Street
Weather: Clear

File Name : 01_BPK_Stan_Auto AM
Site Code : 04224715
Start Date : 8/21/2024
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	Stanton Avenue Southbound					9th Street Southwestbound					Auto Center Drive Westbound					Stanton Avenue Northbound					Auto Center Drive Eastbound					
Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. Total
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					07:30 AM					
+0 mins.	0	1	125	9	135	1	16	7	1	25	10	94	24	0	128	8	70	7	17	102	4	2	15	11	32	
+15 mins.	0	2	131	12	145	3	9	9	0	21	12	107	62	0	181	10	78	4	13	105	9	3	30	10	52	
+30 mins.	0	5	95	9	109	1	9	4	1	15	5	73	46	0	124	9	64	6	12	91	15	1	29	13	58	
+45 mins.	1	6	106	14	127	0	6	5	0	11	7	78	38	0	123	8	80	3	6	97	6	4	12	15	37	
Total Volume	1	14	457	44	516	5	40	25	2	72	34	352	170	0	556	35	292	20	48	395	34	10	86	49	179	
% App. Total	0.2	2.7	88.6	8.5		6.9	55.6	34.7	2.8		6.1	63.3	30.6	0		8.9	73.9	5.1	12.2		19	5.6	48	27.4		
PHF	.250	.583	.872	.786	.890	.417	.625	.694	.500	.720	.708	.822	.685	.000	.768	.875	.913	.714	.706	.940	.567	.625	.717	.817	.772	

City of Buena Park
N/S: Stanton Avenue
E/W: Auto Center Drive/9th Street
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File Name : 01_BPK_Stan_Auto AM
Site Code : 04224715
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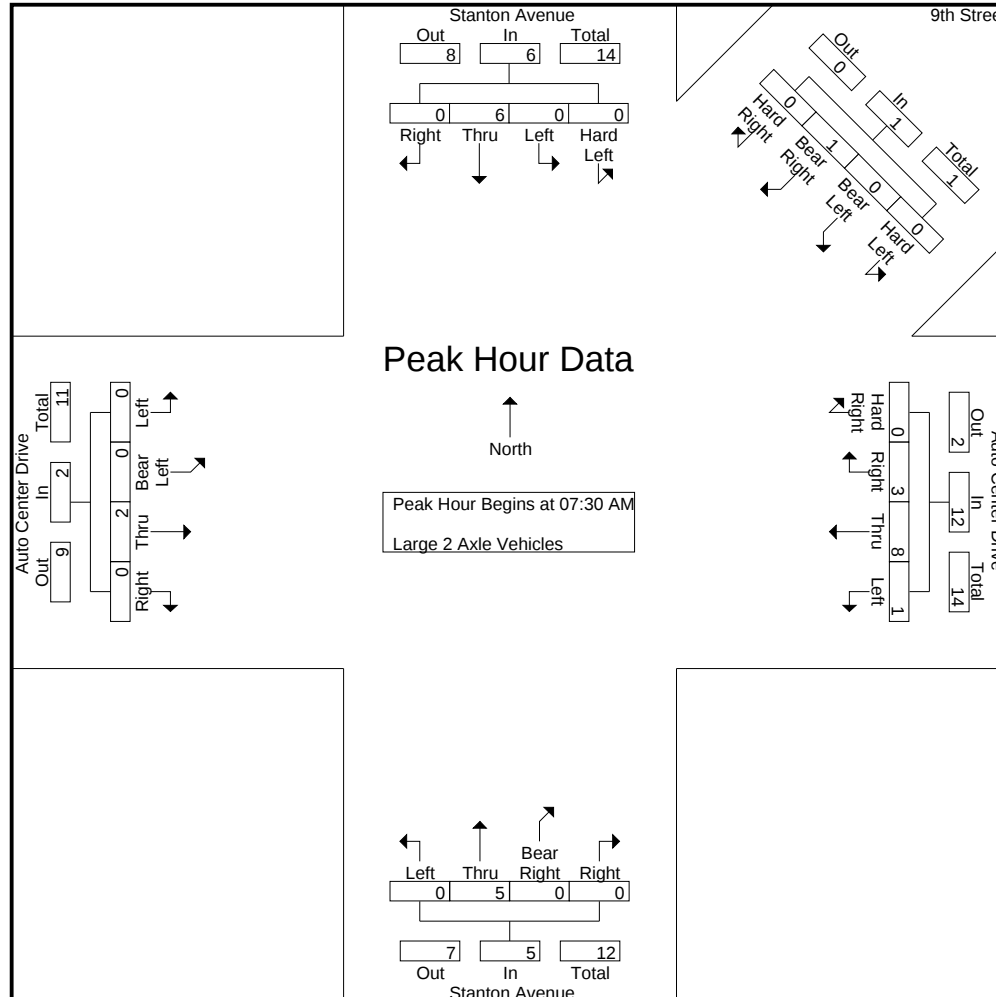
Groups Printed- Large 2 Axle Vehicles

	Stanton Avenue Southbound					9th Street Southwestbound					Auto Center Drive Westbound					Stanton Avenue Northbound					Auto Center Drive Eastbound					
Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	0	1	0	1	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	4
07:15 AM	0	0	1	0	1	0	0	0	0	0	1	1	0	0	2	0	1	0	0	1	0	0	0	0	0	4
07:30 AM	0	0	4	0	4	0	0	1	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	7
07:45 AM	0	0	1	0	1	0	0	0	0	0	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	3
Total	0	0	7	0	7	0	0	1	0	1	1	5	0	0	6	0	4	0	0	4	0	0	0	0	0	18
08:00 AM	0	0	0	0	0	0	0	0	0	0	1	5	2	0	8	0	1	0	0	1	0	0	1	0	1	10
08:15 AM	0	0	1	0	1	0	0	0	0	0	0	2	1	0	3	0	1	0	0	1	0	0	1	0	1	6
08:30 AM	0	0	0	1	1	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	5
08:45 AM	0	0	1	1	2	0	0	0	0	0	3	0	0	0	3	0	1	0	0	1	0	0	1	1	2	8
Total	0	0	2	2	4	0	0	0	0	0	4	11	3	0	18	0	3	0	0	3	0	0	3	1	4	29
Grand Total	0	0	9	2	11	0	0	1	0	1	5	16	3	0	24	0	7	0	0	7	0	0	3	1	4	47
Apprch %	0	0	81.8	18.2		0	0	100	0		20.8	66.7	12.5	0		0	100	0	0		0	0	75	25		
Total %	0	0	19.1	4.3	23.4	0	0	2.1	0	2.1	10.6	34	6.4	0	51.1	0	14.9	0	0	14.9	0	0	6.4	2.1	8.5	

	Stanton Avenue Southbound					9th Street Southwestbound					Auto Center Drive Westbound					Stanton Avenue Northbound					Auto Center Drive Eastbound					
Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. 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	4	0	4	0	0	1	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	7
07:45 AM	0	0	1	0	1	0	0	0	0	0	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	3
08:00 AM	0	0	0	0	0	0	0	0	0	0	1	5	2	0	8	0	1	0	0	1	0	0	1	0	1	10
08:15 AM	0	0	1	0	1	0	0	0	0	0	0	2	1	0	3	0	1	0	0	1	0	0	1	0	1	6
Total Volume	0	0	6	0	6	0	0	1	0	1	1	8	3	0	12	0	5	0	0	5	0	0	2	0	2	26
% App. Total	0	0	100	0		0	0	100	0		8.3	66.7	25	0		0	100	0	0		0	0	100	0		
PHF	.000	.000	.375	.000	.375	.000	.000	.250	.000	.250	.250	.400	.375	.000	.375	.000	.625	.000	.000	.625	.000	.000	.500	.000	.500	.650

City of Buena Park
 N/S: Stanton Avenue
 E/W: Auto Center Drive/9th Street
 Weather: Clear

File Name : 01_BPK_Stan_Auto AM
 Site Code : 04224715
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City of Buena Park
N/S: Stanton Avenue
E/W: Auto Center Drive/9th Street
Weather: Clear

File Name : 01_BPK_Stan_Auto AM
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	Stanton Avenue Southbound					9th Street Southwestbound					Auto Center Drive Westbound					Stanton Avenue Northbound					Auto Center Drive Eastbound					
Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. Total
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					07:30 AM					
+0 mins.	0	0	4	0	4	0	0	1	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0
+15 mins.	0	0	1	0	1	0	0	0	0	0	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0	0	1	5	2	0	8	0	1	0	0	1	0	0	1	0	1	1
+45 mins.	0	0	1	0	1	0	0	0	0	0	0	2	1	0	3	0	1	0	0	1	0	0	1	0	1	1
Total Volume	0	0	6	0	6	0	0	1	0	1	1	8	3	0	12	0	5	0	0	5	0	0	2	0	2	
% App. Total	0	0	100	0		0	0	100	0		8.3	66.7	25	0		0	100	0	0		0	0	100	0		
PHF	.000	.000	.375	.000	.375	.000	.000	.250	.000	.250	.250	.400	.375	.000	.375	.000	.625	.000	.000	.625	.000	.000	.500	.000	.500	

City of Buena Park
N/S: Stanton Avenue
E/W: Auto Center Drive/9th Street
Weather: Clear

File Name : 01_BPK_Stan_Auto AM
Site Code : 04224715
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Groups Printed- 3 Axle Vehicles

	Stanton Avenue Southbound					9th Street Southwestbound					Auto Center Drive Westbound					Stanton Avenue Northbound					Auto Center Drive Eastbound					
Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	8	0	0	8	0	3	0	0	3	0	0	0	0	0	11
07:15 AM	0	0	1	0	1	0	0	1	0	1	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	4
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	2	0	0	2	0	0	0	0	0	3
07:45 AM	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	0	0	1	1	0	1	0	2	4
Total	0	0	1	0	1	0	0	2	0	2	0	10	0	0	10	0	7	0	0	7	1	0	1	0	2	22
08:00 AM	0	0	1	0	1	0	0	0	0	0	0	0	3	0	3	0	1	0	0	1	0	0	0	0	0	5
08:15 AM	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
08:30 AM	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	1	1	0	0	2	0	0	0	0	0	4
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	2
Total	0	0	1	2	3	0	0	0	0	0	1	2	4	0	7	1	2	0	0	3	0	0	0	0	0	13
Grand Total	0	0	2	2	4	0	0	2	0	2	1	12	4	0	17	1	9	0	0	10	1	0	1	0	2	35
Apprch %	0	0	50	50		0	0	100	0		5.9	70.6	23.5	0		10	90	0	0		50	0	50	0		
Total %	0	0	5.7	5.7	11.4	0	0	5.7	0	5.7	2.9	34.3	11.4	0	48.6	2.9	25.7	0	0	28.6	2.9	0	2.9	0	5.7	

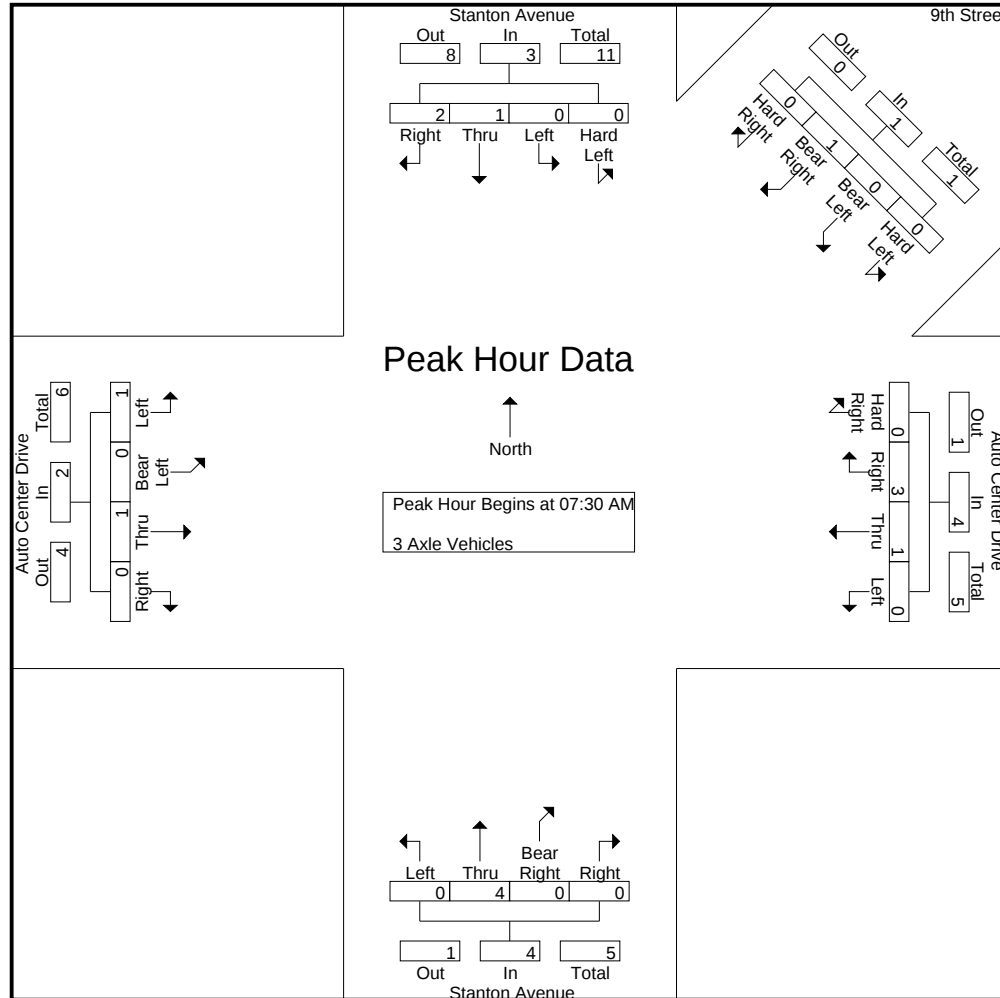
	Stanton Avenue Southbound					9th Street Southwestbound					Auto Center Drive Westbound					Stanton Avenue Northbound					Auto Center Drive Eastbound					
Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. Total
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	2	0	0	2	0	0	0	0	0	3
07:45 AM	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	0	0	1	1	0	1	0	2	4
08:00 AM	0	0	1	0	1	0	0	0	0	0	0	0	3	0	3	0	1	0	0	1	0	0	0	0	0	5
08:15 AM	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Total Volume	0	0	1	2	3	0	0	1	0	1	0	1	3	0	4	0	4	0	0	4	1	0	1	0	2	14
% App. Total	0	0	33.3	66.7		0	0	100	0		0	25	75	0		0	100	0	0		50	0	50	0		
PHF	.000	.000	.250	.250	.375	.000	.000	.250	.000	.250	.000	.250	.250	.000	.333	.000	.500	.000	.000	.500	.250	.000	.250	.000	.250	.700

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

City of Buena Park
N/S: Stanton Avenue
E/W: Auto Center Drive/9th Street
Weather: Clear

File Name : 01_BPK_Stan_Auto AM
Site Code : 04224715
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City of Buena Park
N/S: Stanton Avenue
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Weather: Clear

File Name : 01_BPK_Stan_Auto AM
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	Stanton Avenue Southbound					9th Street Southwestbound					Auto Center Drive Westbound					Stanton Avenue Northbound					Auto Center Drive Eastbound					
Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. Total
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					07:30 AM					
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	2	0	0	2	0	0	0	0	0	
+15 mins.	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	0	0	1	1	0	1	0	2	
+30 mins.	0	0	1	0	1	0	0	0	0	0	0	0	3	0	3	0	1	0	0	1	0	0	0	0	0	
+45 mins.	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total Volume	0	0	1	2	3	0	0	1	0	1	0	1	3	0	4	0	4	0	0	4	1	0	1	0	2	
% App. Total	0	0	33.3	66.7		0	0	100	0		0	25	75	0		0	100	0	0		50	0	50	0		
PHF	.000	.000	.250	.250	.375	.000	.000	.250	.000	.250	.000	.250	.250	.000	.333	.000	.500	.000	.000	.500	.250	.000	.250	.000	.250	

City of Buena Park
N/S: Stanton Avenue
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File Name : 01_BPK_Stan_Auto AM
Site Code : 04224715
Start Date : 8/21/2024
Page No : 1

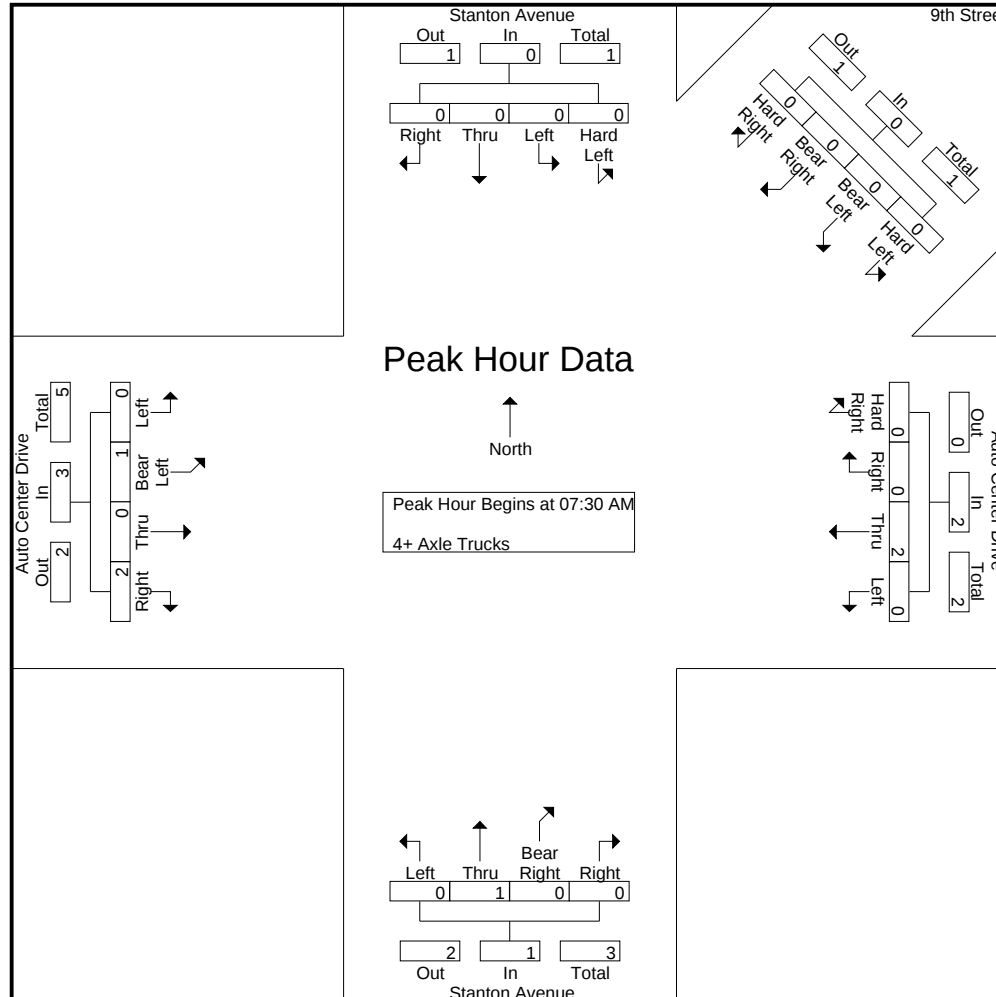
Groups Printed- 4+ Axle Trucks

	Stanton Avenue Southbound					9th Street Southwestbound					Auto Center Drive Westbound					Stanton Avenue Northbound					Auto Center Drive Eastbound						
Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. Total	
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	1	1	3
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	1	0	1	0	1	2	4	
07:45 AM	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	
Total	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	1	0	0	1	0	1	0	3	4	8	
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	1	2	
08:15 AM	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	
08:30 AM	0	0	1	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2	
08:45 AM	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Total	0	0	2	0	2	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	1	1	5	
Grand Total	0	0	2	0	2	0	0	0	0	0	0	4	1	0	5	0	1	0	0	1	0	1	0	4	5	13	
Apprch %	0	0	100	0		0	0	0	0		0	80	20	0		0	100	0	0		0	20	0	80			
Total %	0	0	15.4	0	15.4	0	0	0	0	0	0	30.8	7.7	0	38.5	0	7.7	0	0	7.7	0	7.7	0	30.8	38.5		

	Stanton Avenue Southbound					9th Street Southwestbound					Auto Center Drive Westbound					Stanton Avenue Northbound					Auto Center Drive Eastbound					
Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. 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	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	1	0	1	0	1	2	4
07:45 AM	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
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	1	2
08:15 AM	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
Total Volume	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	1	0	0	1	0	1	0	2	3	6
% App. Total	0	0	0	0		0	0	0	0		0	100	0	0		0	100	0	0		0	33.3	0	66.7		
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.500	.000	.000	.500	.000	.250	.000	.000	.250	.000	.250	.000	.500	.375	.375

City of Buena Park
 N/S: Stanton Avenue
 E/W: Auto Center Drive/9th Street
 Weather: Clear

File Name : 01_BPK_Stan_Auto AM
 Site Code : 04224715
 Start Date : 8/21/2024
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City of Buena Park
N/S: Stanton Avenue
E/W: Auto Center Drive/9th Street
Weather: Clear

File Name : 01_BPK_Stan_Auto AM
Site Code : 04224715
Start Date : 8/21/2024
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	Stanton Avenue Southbound					9th Street Southwestbound					Auto Center Drive Westbound					Stanton Avenue Northbound					Auto Center Drive Eastbound					
Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. Total
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					07:30 AM					
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	1	0	1	0	1	2	
+15 mins.	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	
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	1	
+45 mins.	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	
Total Volume	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	1	0	0	1	0	1	0	2	3	
% App. Total	0	0	0	0	0	0	0	0	0	0	0	100	0	0	0	0	100	0	0	0	0	33.3	0	66.7	0	
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.500	.000	.000	.500	.000	.250	.000	.000	.250	.000	.250	.000	.500	.375	

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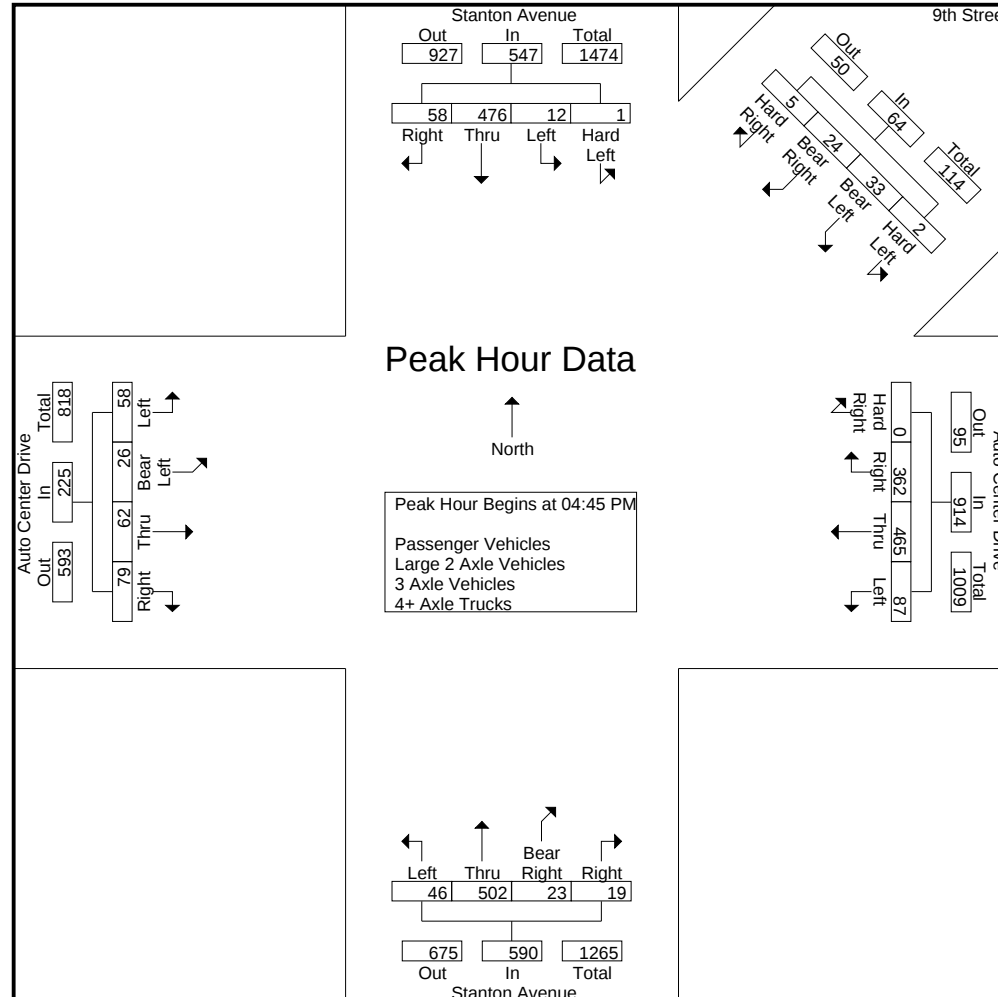
Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

	Stanton Avenue Southbound					9th Street Southwestbound					Auto Center Drive Westbound					Stanton Avenue Northbound					Auto Center Drive Eastbound					
Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	3	84	12	99	1	8	4	3	16	17	129	75	0	221	19	108	2	8	137	15	2	14	13	44	517
04:15 PM	1	3	112	8	124	0	5	2	2	9	22	129	74	0	225	16	114	11	8	149	12	3	20	19	54	561
04:30 PM	1	3	107	9	120	1	2	2	0	5	22	149	76	0	247	10	107	6	8	131	14	0	16	15	45	548
04:45 PM	0	8	118	13	139	1	8	4	1	14	23	109	84	0	216	10	121	3	5	139	14	9	14	17	54	562
Total	2	17	421	42	482	3	23	12	6	44	84	516	309	0	909	55	450	22	29	556	55	14	64	64	197	2188
05:00 PM	1	3	120	15	139	0	11	7	1	19	33	121	87	0	241	20	112	4	8	144	15	4	21	25	65	608
05:15 PM	0	0	136	12	148	1	7	5	2	15	11	126	103	0	240	8	139	7	3	157	13	4	11	17	45	605
05:30 PM	0	1	102	18	121	0	7	8	1	16	20	109	88	0	217	8	130	9	3	150	16	9	16	20	61	565
05:45 PM	0	0	114	9	123	0	11	5	1	17	32	101	91	0	224	9	120	14	7	150	15	5	10	14	44	558
Total	1	4	472	54	531	1	36	25	5	67	96	457	369	0	922	45	501	34	21	601	59	22	58	76	215	2336
Grand Total	3	21	893	96	1013	4	59	37	11	111	180	973	678	0	1831	100	951	56	50	1157	114	36	122	140	412	4524
Apprch %	0.3	2.1	88.2	9.5		3.6	53.2	33.3	9.9		9.8	53.1	37	0		8.6	82.2	4.8	4.3		27.7	8.7	29.6	34		
Total %	0.1	0.5	19.7	2.1	22.4	0.1	1.3	0.8	0.2	2.5	4	21.5	15	0	40.5	2.2	21	1.2	1.1	25.6	2.5	0.8	2.7	3.1	9.1	
Passenger Vehicles	2	21	885	92	1000	4	56	36	11	107	178	966	677	0	1821	100	945	56	47	1148	113	35	120	136	404	4480
% Passenger Vehicles	66.7	100	99.1	95.8	98.7	100	94.9	97.3	100	96.4	98.9	99.3	99.9	0	99.5	100	99.4	100	94	99.2	99.1	97.2	98.4	97.1	98.1	99
Large 2 Axle Vehicles	0	0	4	2	6	0	1	1	0	2	1	7	0	0	8	0	5	0	2	7	1	0	1	1	3	26
% Large 2 Axle Vehicles	0	0	0.4	2.1	0.6	0	1.7	2.7	0	1.8	0.6	0.7	0	0	0.4	0	0.5	0	4	0.6	0.9	0	0.8	0.7	0.7	0.6
3 Axle Vehicles	1	0	3	2	6	0	2	0	0	2	0	0	1	0	1	0	1	0	0	1	0	1	1	3	5	15
% 3 Axle Vehicles	33.3	0	0.3	2.1	0.6	0	3.4	0	0	1.8	0	0	0.1	0	0.1	0	0.1	0	0	0.1	0	2.8	0.8	2.1	1.2	0.3
4+ Axle Trucks	0	0	1	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	0	0	0	0	0	3
% 4+ Axle Trucks	0	0	0.1	0	0.1	0	0	0	0	0	0.6	0	0	0	0.1	0	0	0	2	0.1	0	0	0	0	0	0.1

	Stanton Avenue Southbound					9th Street Southwestbound					Auto Center Drive Westbound					Stanton Avenue Northbound					Auto Center Drive Eastbound					
Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																										
Peak Hour for Entire Intersection Begins at 04:45 PM																										
04:45 PM	0	8	118	13	139	1	8	4	1	14	23	109	84	0	216	10	121	3	5	139	14	9	14	17	54	562
05:00 PM	1	3	120	15	139	0	11	7	1	19	33	121	87	0	241	20	112	4	8	144	15	4	21	25	65	608
05:15 PM	0	0	136	12	148	1	7	5	2	15	11	126	103	0	240	8	139	7	3	157	13	4	11	17	45	605
05:30 PM	0	1	102	18	121	0	7	8	1	16	20	109	88	0	217	8	130	9	3	150	16	9	16	20	61	565
Total Volume	1	12	476	58	547	2	33	24	5	64	87	465	362	0	914	46	502	23	19	590	58	26	62	79	225	2340
% App. Total	0.2	2.2	87	10.6		3.1	51.6	37.5	7.8		9.5	50.9	39.6	0		7.8	85.1	3.9	3.2		25.8	11.6	27.6	35.1		
PHF	.250	.375	.875	.806	.924	.500	.750	.750	.625	.842	.659	.923	.879	.000	.948	.575	.903	.639	.594	.939	.906	.722	.738	.790	.865	.962

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Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																										
Peak Hour for Each Approach Begins at:																										
	04:45 PM					05:00 PM					04:30 PM					05:00 PM					04:45 PM					
+0 mins.	0	8	118	13	139	0	11	7	1	19	22	149	76	0	247	20	112	4	8	144	14	9	14	17	54	
+15 mins.	1	3	120	15	139	1	7	5	2	15	23	109	84	0	216	8	139	7	3	157	15	4	21	25	65	
+30 mins.	0	0	136	12	148	0	7	8	1	16	33	121	87	0	241	8	130	9	3	150	13	4	11	17	45	
+45 mins.	0	1	102	18	121	0	11	5	1	17	11	126	103	0	240	9	120	14	7	150	16	9	16	20	61	
Total Volume	1	12	476	58	547	1	36	25	5	67	89	505	350	0	944	45	501	34	21	601	58	26	62	79	225	
% App. Total	0.2	2.2	87	10.6		1.5	53.7	37.3	7.5		9.4	53.5	37.1	0		7.5	83.4	5.7	3.5		25.8	11.6	27.6	35.1		
PHF	.250	.375	.875	.806	.924	.250	.818	.781	.625	.882	.674	.847	.850	.000	.955	.563	.901	.607	.656	.957	.906	.722	.738	.790	.865	

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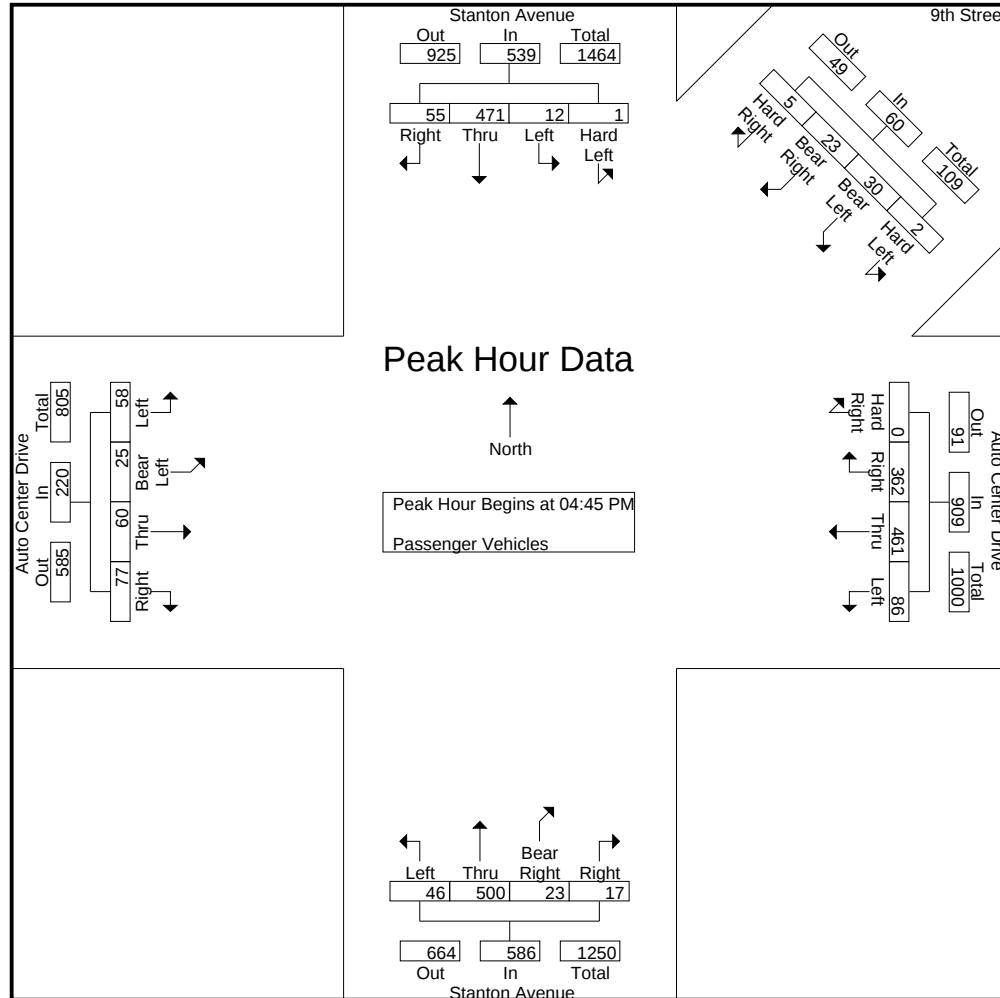
Groups Printed- Passenger Vehicles

	Stanton Avenue Southbound					9th Street Southwestbound					Auto Center Drive Westbound					Stanton Avenue Northbound					Auto Center Drive Eastbound					
Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	3	83	12	98	1	8	4	3	16	17	129	75	0	221	19	107	2	8	136	15	2	14	13	44	515
04:15 PM	1	3	112	8	124	0	5	2	2	9	22	129	74	0	225	16	111	11	7	145	12	3	20	18	53	556
04:30 PM	0	3	107	9	119	1	2	2	0	5	22	146	76	0	244	10	107	6	8	131	13	0	16	15	44	543
04:45 PM	0	8	116	11	135	1	6	4	1	12	23	108	84	0	215	10	120	3	4	137	14	8	14	17	53	552
Total	1	17	418	40	476	3	21	12	6	42	84	512	309	0	905	55	445	22	27	549	54	13	64	63	194	2166
05:00 PM	1	3	119	14	137	0	10	6	1	17	32	121	87	0	240	20	112	4	8	144	15	4	20	23	62	600
05:15 PM	0	0	135	12	147	1	7	5	2	15	11	125	103	0	239	8	139	7	3	157	13	4	11	17	45	603
05:30 PM	0	1	101	18	120	0	7	8	1	16	20	107	88	0	215	8	129	9	2	148	16	9	15	20	60	559
05:45 PM	0	0	112	8	120	0	11	5	1	17	31	101	90	0	222	9	120	14	7	150	15	5	10	13	43	552
Total	1	4	467	52	524	1	35	24	5	65	94	454	368	0	916	45	500	34	20	599	59	22	56	73	210	2314
Grand Total	2	21	885	92	1000	4	56	36	11	107	178	966	677	0	1821	100	945	56	47	1148	113	35	120	136	404	4480
Apprch %	0.2	2.1	88.5	9.2		3.7	52.3	33.6	10.3		9.8	53	37.2	0		8.7	82.3	4.9	4.1		28	8.7	29.7	33.7		
Total %	0	0.5	19.8	2.1	22.3	0.1	1.2	0.8	0.2	2.4	4	21.6	15.1	0	40.6	2.2	21.1	1.2	1	25.6	2.5	0.8	2.7	3	9	

	Stanton Avenue Southbound					9th Street Southwestbound					Auto Center Drive Westbound					Stanton Avenue Northbound					Auto Center Drive Eastbound					
Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. 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	8	116	11	135	1	6	4	1	12	23	108	84	0	215	10	120	3	4	137	14	8	14	17	53	552
05:00 PM	1	3	119	14	137	0	10	6	1	17	32	121	87	0	240	20	112	4	8	144	15	4	20	23	62	600
05:15 PM	0	0	135	12	147	1	7	5	2	15	11	125	103	0	239	8	139	7	3	157	13	4	11	17	45	603
05:30 PM	0	1	101	18	120	0	7	8	1	16	20	107	88	0	215	8	129	9	2	148	16	9	15	20	60	559
Total Volume	1	12	471	55	539	2	30	23	5	60	86	461	362	0	909	46	500	23	17	586	58	25	60	77	220	2314
% App. Total	0.2	2.2	87.4	10.2		3.3	50	38.3	8.3		9.5	50.7	39.8	0		7.8	85.3	3.9	2.9		26.4	11.4	27.3	35		
PHF	.250	.375	.872	.764	.917	.500	.750	.719	.625	.882	.672	.922	.879	.000	.947	.575	.899	.639	.531	.933	.906	.694	.750	.837	.887	.959

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Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. Total
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					04:45 PM					
+0 mins.	0	8	116	11	135	1	6	4	1	12	23	108	84	0	215	10	120	3	4	137	14	8	14	17	53	
+15 mins.	1	3	119	14	137	0	10	6	1	17	32	121	87	0	240	20	112	4	8	144	15	4	20	23	62	
+30 mins.	0	0	135	12	147	1	7	5	2	15	11	125	103	0	239	8	139	7	3	157	13	4	11	17	45	
+45 mins.	0	1	101	18	120	0	7	8	1	16	20	107	88	0	215	8	129	9	2	148	16	9	15	20	60	
Total Volume	1	12	471	55	539	2	30	23	5	60	86	461	362	0	909	46	500	23	17	586	58	25	60	77	220	
% App. Total	0.2	2.2	87.4	10.2		3.3	50	38.3	8.3		9.5	50.7	39.8	0		7.8	85.3	3.9	2.9		26.4	11.4	27.3	35		
PHF	.250	.375	.872	.764	.917	.500	.750	.719	.625	.882	.672	.922	.879	.000	.947	.575	.899	.639	.531	.933	.906	.694	.750	.837	.887	

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Groups Printed- Large 2 Axle Vehicles

	Stanton Avenue Southbound					9th Street Southwestbound					Auto Center Drive Westbound					Stanton Avenue Northbound					Auto Center Drive Eastbound					
Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	3	0	0	0	1	1	4
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	1	0	0	0	1	4
04:45 PM	0	0	1	0	1	0	1	0	0	1	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	4
Total	0	0	2	0	2	0	1	0	0	1	0	4	0	0	4	0	4	0	1	5	1	0	0	1	2	14
05:00 PM	0	0	1	1	2	0	0	1	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	4
05:15 PM	0	0	1	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	2
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	1	0	1	2	0	0	1	0	1	5
05:45 PM	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	0	2	2	4	0	0	1	0	1	1	3	0	0	4	0	1	0	1	2	0	0	1	0	1	12
Grand Total	0	0	4	2	6	0	1	1	0	2	1	7	0	0	8	0	5	0	2	7	1	0	1	1	3	26
Apprch %	0	0	66.7	33.3		0	50	50	0		12.5	87.5	0	0		0	71.4	0	28.6		33.3	0	33.3	33.3		
Total %	0	0	15.4	7.7	23.1	0	3.8	3.8	0	7.7	3.8	26.9	0	0	30.8	0	19.2	0	7.7	26.9	3.8	0	3.8	3.8	11.5	

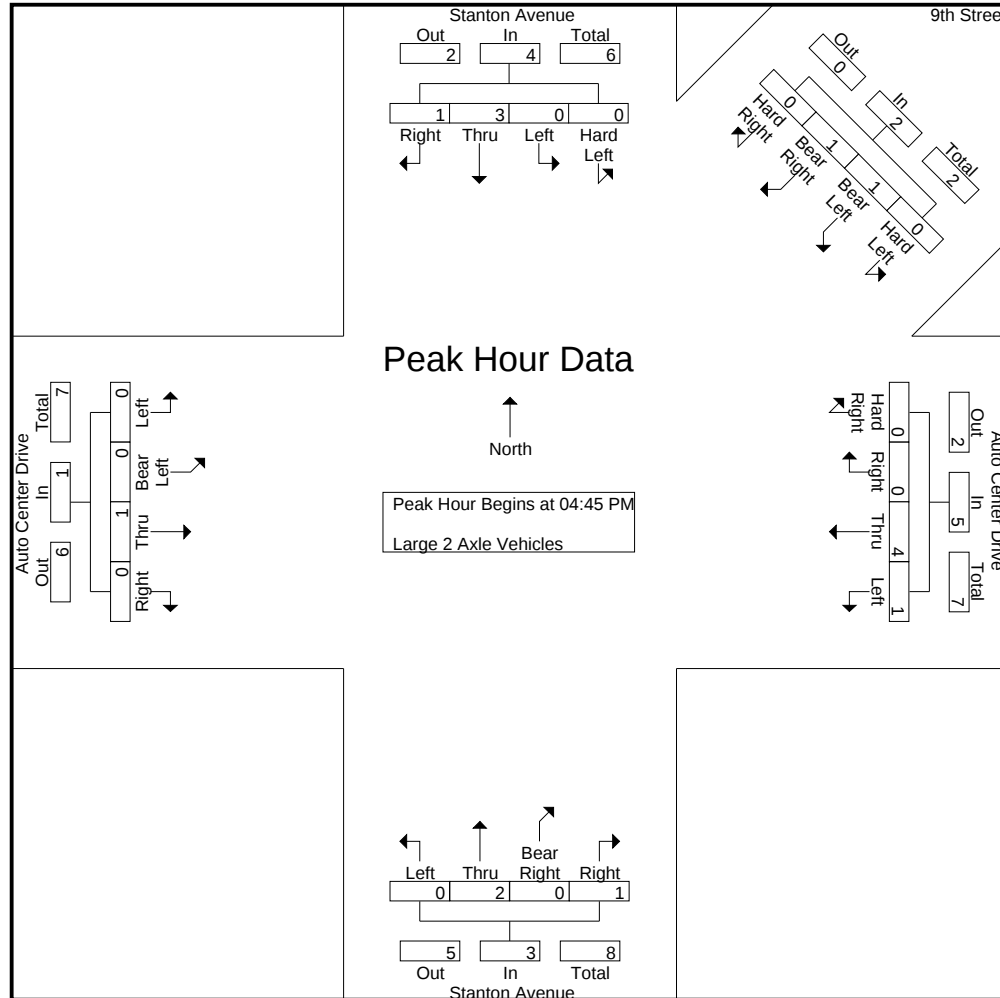
	Stanton Avenue Southbound					9th Street Southwestbound					Auto Center Drive Westbound					Stanton Avenue Northbound					Auto Center Drive Eastbound					
Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. Total
04:45 PM	0	0	1	0	1	0	1	0	0	1	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	4
05:00 PM	0	0	1	1	2	0	0	1	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	4
05:15 PM	0	0	1	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	2
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	1	0	1	2	0	0	1	0	1	5
Total Volume	0	0	3	1	4	0	1	1	0	2	1	4	0	0	5	0	2	0	1	3	0	0	1	0	1	15
% App. Total	0	0	75	25		0	50	50	0		20	80	0	0		0	66.7	0	33.3		0	0	100	0		
PHF	.000	.000	.750	.250	.500	.000	.250	.250	.000	.500	.250	.500	.000	.000	.625	.000	.500	.000	.250	.375	.000	.000	.250	.000	.250	.750

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

City of Buena Park
 N/S: Stanton Avenue
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 Weather: Clear

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City of Buena Park
N/S: Stanton Avenue
E/W: Auto Center Drive/9th Street
Weather: Clear

File Name : 01_BPK_Stan_Auto PM
Site Code : 04224715
Start Date : 8/21/2024
Page No : 3

	Stanton Avenue Southbound					9th Street Southwestbound					Auto Center Drive Westbound					Stanton Avenue Northbound					Auto Center Drive Eastbound					
Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. Total
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					04:45 PM					
+0 mins.	0	0	1	0	1	0	1	0	0	1	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	0
+15 mins.	0	0	1	1	2	0	0	1	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	1	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	1	0	1	2	0	0	1	0	1	1
Total Volume	0	0	3	1	4	0	1	1	0	2	1	4	0	0	5	0	2	0	1	3	0	0	1	0	1	1
% App. Total	0	0	75	25		0	50	50	0		20	80	0	0		0	66.7	0	33.3		0	0	100	0		
PHF	.000	.000	.750	.250	.500	.000	.250	.250	.000	.500	.250	.500	.000	.000	.625	.000	.500	.000	.250	.375	.000	.000	.250	.000	.250	

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N/S: Stanton Avenue
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Groups Printed- 3 Axle Vehicles

	Stanton Avenue Southbound					9th Street Southwestbound					Auto Center Drive Westbound					Stanton Avenue Northbound					Auto Center Drive Eastbound					
Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. Total
04:00 PM	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
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
04:30 PM	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
04:45 PM	0	0	1	2	3	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	5
Total	1	0	1	2	4	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	1	0	0	1	7
05:00 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	4
05:15 PM	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
05:30 PM	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
05:45 PM	0	0	2	0	2	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	1	4
Total	0	0	2	0	2	0	1	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	1	3	4	8
Grand Total	1	0	3	2	6	0	2	0	0	2	0	0	1	0	1	0	1	0	0	1	0	1	1	3	5	15
Apprch %	16.7	0	50	33.3		0	100	0	0		0	0	100	0		0	100	0	0		0	20	20	60		
Total %	6.7	0	20	13.3	40	0	13.3	0	0	13.3	0	0	6.7	0	6.7	0	6.7	0	0	6.7	0	6.7	6.7	20	33.3	

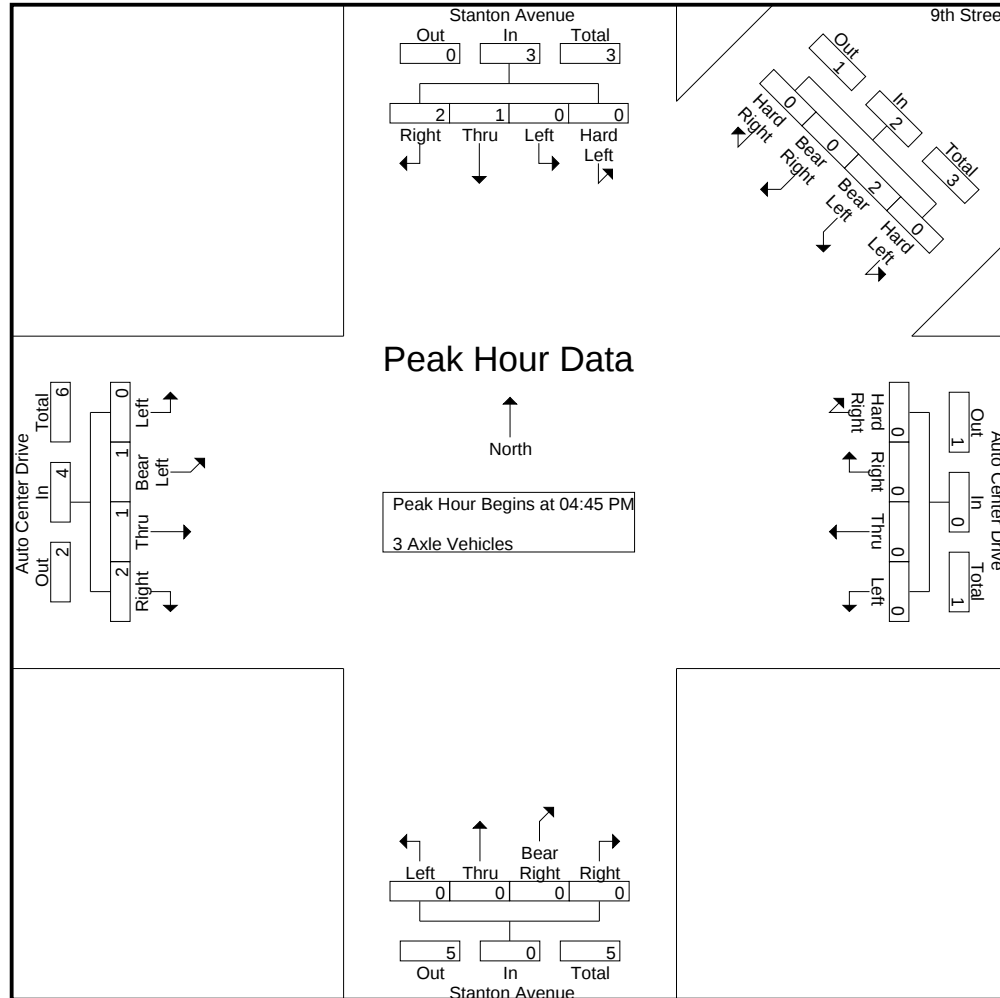
	Stanton Avenue Southbound					9th Street Southwestbound					Auto Center Drive Westbound					Stanton Avenue Northbound					Auto Center Drive Eastbound					
Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. Total
04:45 PM	0	0	1	2	3	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	5
05:00 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	4
05:15 PM	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
05:30 PM	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
Total Volume	0	0	1	2	3	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1	1	2	4	9
% App. Total	0	0	33.3	66.7		0	100	0	0		0	0	0	0		0	0	0	0		0	25	25	50		
PHF	.000	.000	.250	.250	.250	.000	.500	.000	.000	.500	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.250	.250	.250	.333	.450

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

City of Buena Park
N/S: Stanton Avenue
E/W: Auto Center Drive/9th Street
Weather: Clear

File Name : 01_BPK_Stan_Auto PM
Site Code : 04224715
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	Stanton Avenue Southbound					9th Street Southwestbound					Auto Center Drive Westbound					Stanton Avenue Northbound					Auto Center Drive Eastbound					
Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. Total
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					04:45 PM					
+0 mins.	0	0	1	2	3	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	
+15 mins.	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	
+30 mins.	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	
+45 mins.	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	
Total Volume	0	0	1	2	3	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1	1	2	4	
% App. Total	0	0	33.3	66.7		0	100	0	0		0	0	0	0		0	0	0	0		0	25	25	50		
PHF	.000	.000	.250	.250	.250	.000	.500	.000	.000	.500	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.250	.250	.250	.333	

City of Buena Park
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Weather: Clear

File Name : 01_BPK_Stan_Auto PM
Site Code : 04224715
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Groups Printed- 4+ Axle Trucks

	Stanton Avenue Southbound					9th Street Southwestbound					Auto Center Drive Westbound					Stanton Avenue Northbound					Auto Center Drive Eastbound					
Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. Total
04:00 PM	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
04:15 PM	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
04:30 PM	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
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1
05:00 PM	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
05:15 PM	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
05:30 PM	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
05:45 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Total	0	0	1	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2
Grand Total	0	0	1	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	0	0	0	0	0	3
Apprch %	0	0	100	0		0	0	0	0		100	0	0	0		0	0	0	100		0	0	0	0		
Total %	0	0	33.3	0	33.3	0	0	0	0	0	33.3	0	0	0	33.3	0	0	0	33.3	33.3	0	0	0	0	0	

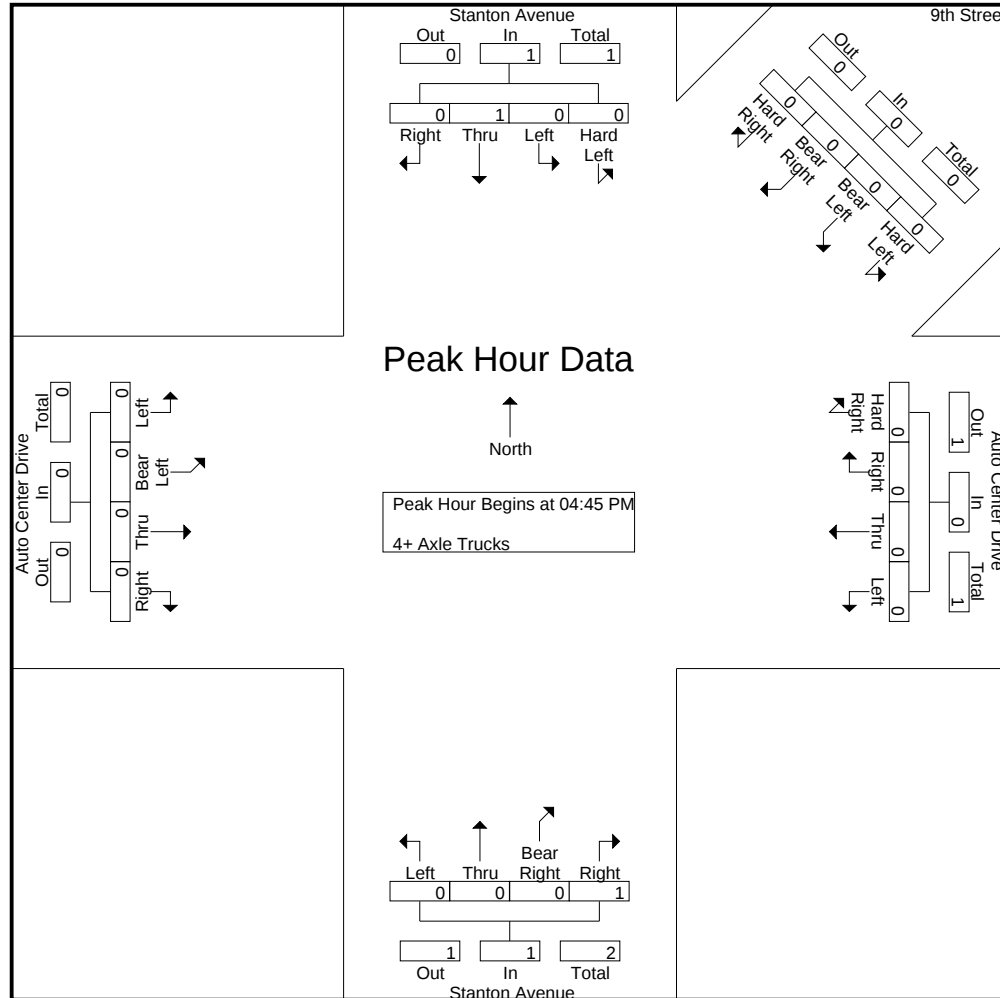
	Stanton Avenue Southbound					9th Street Southwestbound					Auto Center Drive Westbound					Stanton Avenue Northbound					Auto Center Drive Eastbound					
Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. Total
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1
05:00 PM	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
05:15 PM	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
05:30 PM	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total Volume	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
% App. Total	0	0	100	0		0	0	0	0		0	0	0	0		0	0	0	100		0	0	0	0		
PHF	.000	.000	.250	.000	.250	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.250	.250	.000	.000	.000	.000	.000	.500

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

City of Buena Park
N/S: Stanton Avenue
E/W: Auto Center Drive/9th Street
Weather: Clear

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	Stanton Avenue Southbound					9th Street Southwestbound					Auto Center Drive Westbound					Stanton Avenue Northbound					Auto Center Drive Eastbound					
Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. Total
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					04:45 PM					
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	
+15 mins.	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	
+30 mins.	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	
+45 mins.	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total Volume	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	
% App. Total	0	0	100	0		0	0	0	0		0	0	0	0		0	0	0	100		0	0	0	0		
PHF	.000	.000	.250	.000	.250	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.250	.250	.000	.000	.000	.000	.000	

Location: Buena Park
 N/S: Stanton Avenue
 E/W: Auto Center Drive
 NE: 9th Street



Date: 8/21/2024
 Day: Wednesday

PEDESTRIANS

	North Leg Stanton Avenue	Northeast Leg 9th Street	East Leg Auto Center Drive	South Leg Stanton Avenue	West Leg Auto Center Drive	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	2	2	0	1	5
7:15 AM	0	3	1	0	4	8
7:30 AM	1	2	2	0	2	7
7:45 AM	0	1	0	0	1	2
8:00 AM	2	1	0	0	1	4
8:15 AM	2	1	1	0	2	6
8:30 AM	0	0	0	0	0	0
8:45 AM	0	2	1	0	1	4
TOTAL VOLUMES:	5	12	7	0	12	36

	North Leg Stanton Avenue	Northeast Leg 9th Street	East Leg Auto Center Drive	South Leg Stanton Avenue	West Leg Auto Center Drive	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	3	1	1	0	2	7
4:15 PM	0	0	0	0	1	1
4:30 PM	0	1	3	0	0	4
4:45 PM	0	0	0	0	2	2
5:00 PM	0	0	0	0	1	1
5:15 PM	0	1	1	0	1	3
5:30 PM	1	0	0	0	5	6
5:45 PM	0	0	1	0	0	1
TOTAL VOLUMES:	4	3	6	0	12	25

Location: Buena Park
N/S: Stanton Avenue
E/W: Auto Center Drive



Date: 8/21/2024
Day: Wednesday

BICYCLES

	Southbound Stanton Avenue				Southwestbound 9th Street				Westbound Auto Center Drive				Northbound Stanton Avenue				Eastbound Auto Center Drive				
	H Left	Left	Thru	Right	H Left	B Left	B Right	H Right	Left	Thru	Right	H Right	Left	Thru	B Right	Right	Left	B Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
7:15 AM	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
8:30 AM	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
8:45 AM	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2
TOTAL VOLUMES:	0	0	6	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	8

	Southbound Stanton Avenue				Southwestbound 9th Street				Westbound Auto Center Drive				Northbound Stanton Avenue				Eastbound Auto Center Drive				
	H Left	Left	Thru	Right	H Left	B Left	B Right	H Right	Left	Thru	Right	H Right	Left	Thru	B Right	Right	Left	B Left	Thru	Right	
4:00 PM	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
4:45 PM	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
5:15 PM	0	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
5:45 PM	0	0	1	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	3
TOTAL VOLUMES:	1	0	5	0	0	0	2	0	0	0	0	0	0	4	0	0	0	0	0	0	12

City of Buena Park
N/S: Stanton Avenue
E/W: Auto Center Drive/9th Street
Weather: Clear

File Name : 01_BPK_Stn_Auto AM
Site Code : 04224715
Start Date : 9/17/2024
Page No : 1

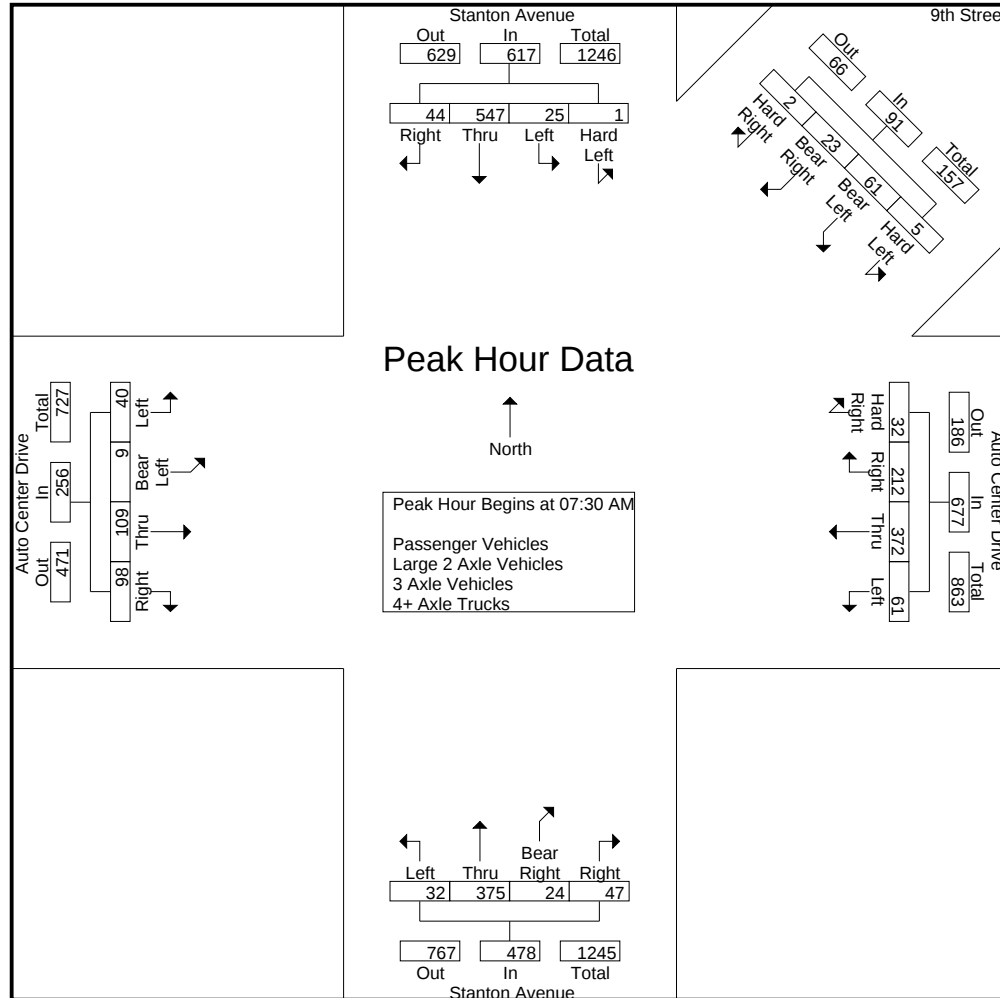
Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

	Stanton Avenue Southbound					9th Street Southwestbound					Auto Center Drive Westbound					Stanton Avenue Northbound					Auto Center Drive Eastbound					
Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	4	86	13	103	0	44	4	0	48	7	67	25	5	104	9	50	3	5	67	3	0	13	6	22	344
07:15 AM	0	1	94	18	113	0	12	7	2	21	15	82	33	13	143	3	68	4	11	86	7	0	23	13	43	406
07:30 AM	1	2	129	11	143	2	12	4	0	18	16	104	49	6	175	8	101	4	9	122	7	1	23	15	46	504
07:45 AM	0	6	164	12	182	2	22	13	1	38	14	95	66	6	181	7	87	8	15	117	9	3	30	23	65	583
Total	1	13	473	54	541	4	90	28	3	125	52	348	173	30	603	27	306	19	40	392	26	4	89	57	176	1837
08:00 AM	0	9	130	8	147	1	11	5	1	18	17	86	52	11	166	13	96	6	12	127	12	3	26	21	62	520
08:15 AM	0	8	124	13	145	0	16	1	0	17	14	87	45	9	155	4	91	6	11	112	12	2	30	39	83	512
08:30 AM	0	3	134	12	149	1	6	4	1	12	24	87	41	6	158	6	94	1	9	110	10	3	15	22	50	479
08:45 AM	0	2	100	6	108	0	12	4	0	16	22	84	45	9	160	4	86	4	6	100	9	5	22	15	51	435
Total	0	22	488	39	549	2	45	14	2	63	77	344	183	35	639	27	367	17	38	449	43	13	93	97	246	1946
Grand Total	1	35	961	93	1090	6	135	42	5	188	129	692	356	65	1242	54	673	36	78	841	69	17	182	154	422	3783
Apprch %	0.1	3.2	88.2	8.5		3.2	71.8	22.3	2.7		10.4	55.7	28.7	5.2		6.4	80	4.3	9.3		16.4	4	43.1	36.5		
Total %	0	0.9	25.4	2.5	28.8	0.2	3.6	1.1	0.1	5	3.4	18.3	9.4	1.7	32.8	1.4	17.8	1	2.1	22.2	1.8	0.4	4.8	4.1	11.2	
Passenger Vehicles	1	35	940	91	1067	6	102	42	5	155	126	660	348	64	1198	53	655	36	78	822	69	17	180	147	413	3655
% Passenger Vehicles	100	100	97.8	97.8	97.9	100	75.6	100	100	82.4	97.7	95.4	97.8	98.5	96.5	98.1	97.3	100	100	97.7	100	100	98.9	95.5	97.9	96.6
Large 2 Axle Vehicles	0	0	18	1	19	0	11	0	0	11	2	17	6	1	26	1	18	0	0	19	0	0	1	4	5	80
% Large 2 Axle Vehicles	0	0	1.9	1.1	1.7	0	8.1	0	0	5.9	1.6	2.5	1.7	1.5	2.1	1.9	2.7	0	0	2.3	0	0	0.5	2.6	1.2	2.1
3 Axle Vehicles	0	0	3	1	4	0	11	0	0	11	0	10	1	0	11	0	0	0	0	0	0	0	0	0	0	26
% 3 Axle Vehicles	0	0	0.3	1.1	0.4	0	8.1	0	0	5.9	0	1.4	0.3	0	0.9	0	0	0	0	0	0	0	0	0	0	0.7
4+ Axle Trucks	0	0	0	0	0	0	11	0	0	11	1	5	1	0	7	0	0	0	0	0	0	0	1	3	4	22
% 4+ Axle Trucks	0	0	0	0	0	0	8.1	0	0	5.9	0.8	0.7	0.3	0	0.6	0	0	0	0	0	0	0	0.5	1.9	0.9	0.6

	Stanton Avenue Southbound					9th Street Southwestbound					Auto Center Drive Westbound					Stanton Avenue Northbound					Auto Center Drive Eastbound					
Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																										
Peak Hour for Entire Intersection Begins at 07:30 AM																										
07:30 AM	1	2	129	11	143	2	12	4	0	18	16	104	49	6	175	8	101	4	9	122	7	1	23	15	46	504
07:45 AM	0	6	164	12	182	2	22	13	1	38	14	95	66	6	181	7	87	8	15	117	9	3	30	23	65	583
08:00 AM	0	9	130	8	147	1	11	5	1	18	17	86	52	11	166	13	96	6	12	127	12	3	26	21	62	520
08:15 AM	0	8	124	13	145	0	16	1	0	17	14	87	45	9	155	4	91	6	11	112	12	2	30	39	83	512
Total Volume	1	25	547	44	617	5	61	23	2	91	61	372	212	32	677	32	375	24	47	478	40	9	109	98	256	2119
% App. Total	0.2	4.1	88.7	7.1		5.5	67	25.3	2.2		9	54.9	31.3	4.7		6.7	78.5	5	9.8		15.6	3.5	42.6	38.3		
PHF	.250	.694	.834	.846	.848	.625	.693	.442	.500	.599	.897	.894	.803	.727	.935	.615	.928	.750	.783	.941	.833	.750	.908	.628	.771	.909

City of Buena Park
N/S: Stanton Avenue
E/W: Auto Center Drive/9th Street
Weather: Clear

File Name : 01_BPK_Stan_Auto AM
Site Code : 04224715
Start Date : 9/17/2024
Page No : 2



City of Buena Park
N/S: Stanton Avenue
E/W: Auto Center Drive/9th Street
Weather: Clear

File Name : 01_BPK_Stan_Auto AM
Site Code : 04224715
Start Date : 9/17/2024
Page No : 3

	Stanton Avenue Southbound					9th Street Southwestbound					Auto Center Drive Westbound					Stanton Avenue Northbound					Auto Center Drive Eastbound					
Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																										
Peak Hour for Each Approach Begins at:																										
	07:45 AM					07:00 AM					07:30 AM					07:30 AM					07:45 AM					
+0 mins.	0	6	164	12	182	0	44	4	0	48	16	104	49	6	175	8	101	4	9	122	9	3	30	23	65	
+15 mins.	0	9	130	8	147	0	12	7	2	21	14	95	66	6	181	7	87	8	15	117	12	3	26	21	62	
+30 mins.	0	8	124	13	145	2	12	4	0	18	17	86	52	11	166	13	96	6	12	127	12	2	30	39	83	
+45 mins.	0	3	134	12	149	2	22	13	1	38	14	87	45	9	155	4	91	6	11	112	10	3	15	22	50	
Total Volume	0	26	552	45	623	4	90	28	3	125	61	372	212	32	677	32	375	24	47	478	43	11	101	105	260	
% App. Total	0	4.2	88.6	7.2		3.2	72	22.4	2.4		9	54.9	31.3	4.7		6.7	78.5	5	9.8		16.5	4.2	38.8	40.4		
PHF	.000	.722	.841	.865	.856	.500	.511	.538	.375	.651	.897	.894	.803	.727	.935	.615	.928	.750	.783	.941	.896	.917	.842	.673	.783	

City of Buena Park
N/S: Stanton Avenue
E/W: Auto Center Drive/9th Street
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File Name : 01_BPK_Stan_Auto AM
Site Code : 04224715
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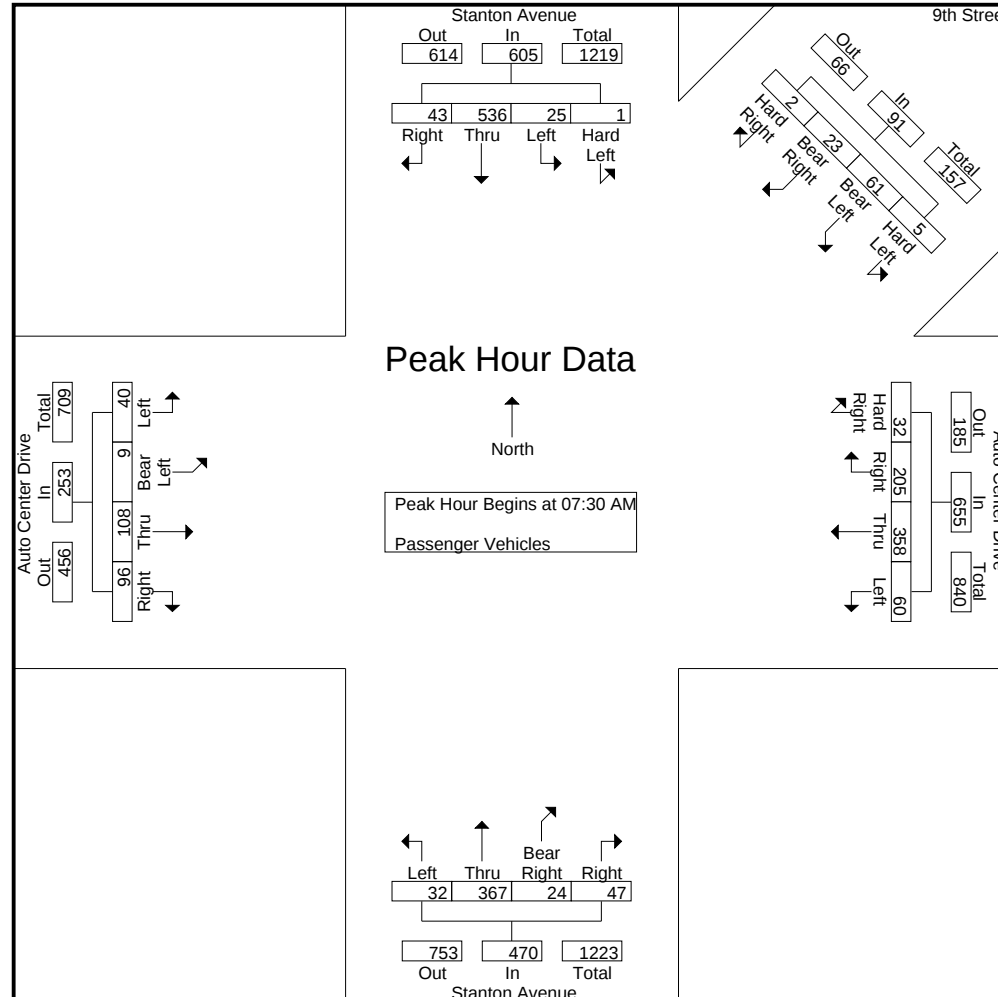
Groups Printed- Passenger Vehicles

	Stanton Avenue Southbound					9th Street Southwestbound					Auto Center Drive Westbound					Stanton Avenue Northbound					Auto Center Drive Eastbound					
Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	4	83	13	100	0	11	4	0	15	7	62	25	4	98	9	49	3	5	66	3	0	13	5	21	300
07:15 AM	0	1	91	18	110	0	12	7	2	21	15	75	33	13	136	2	63	4	11	80	7	0	23	12	42	389
07:30 AM	1	2	127	11	141	2	12	4	0	18	15	98	47	6	166	8	100	4	9	121	7	1	22	15	45	491
07:45 AM	0	6	160	12	178	2	22	13	1	38	14	94	64	6	178	7	84	8	15	114	9	3	30	21	63	571
Total	1	13	461	54	529	4	57	28	3	92	51	329	169	29	578	26	296	19	40	381	26	4	88	53	171	1751
08:00 AM	0	9	128	8	145	1	11	5	1	18	17	83	50	11	161	13	94	6	12	125	12	3	26	21	62	511
08:15 AM	0	8	121	12	141	0	16	1	0	17	14	83	44	9	150	4	89	6	11	110	12	2	30	39	83	501
08:30 AM	0	3	133	11	147	1	6	4	1	12	22	84	41	6	153	6	94	1	9	110	10	3	15	20	48	470
08:45 AM	0	2	97	6	105	0	12	4	0	16	22	81	44	9	156	4	82	4	6	96	9	5	21	14	49	422
Total	0	22	479	37	538	2	45	14	2	63	75	331	179	35	620	27	359	17	38	441	43	13	92	94	242	1904
Grand Total	1	35	940	91	1067	6	102	42	5	155	126	660	348	64	1198	53	655	36	78	822	69	17	180	147	413	3655
Apprch %	0.1	3.3	88.1	8.5		3.9	65.8	27.1	3.2		10.5	55.1	29	5.3		6.4	79.7	4.4	9.5		16.7	4.1	43.6	35.6		
Total %	0	1	25.7	2.5	29.2	0.2	2.8	1.1	0.1	4.2	3.4	18.1	9.5	1.8	32.8	1.5	17.9	1	2.1	22.5	1.9	0.5	4.9	4	11.3	

	Stanton Avenue Southbound					9th Street Southwestbound					Auto Center Drive Westbound					Stanton Avenue Northbound					Auto Center Drive Eastbound					
Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. 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	1	2	127	11	141	2	12	4	0	18	15	98	47	6	166	8	100	4	9	121	7	1	22	15	45	491
07:45 AM	0	6	160	12	178	2	22	13	1	38	14	94	64	6	178	7	84	8	15	114	9	3	30	21	63	571
08:00 AM	0	9	128	8	145	1	11	5	1	18	17	83	50	11	161	13	94	6	12	125	12	3	26	21	62	511
08:15 AM	0	8	121	12	141	0	16	1	0	17	14	83	44	9	150	4	89	6	11	110	12	2	30	39	83	501
Total Volume	1	25	536	43	605	5	61	23	2	91	60	358	205	32	655	32	367	24	47	470	40	9	108	96	253	2074
% App. Total	0.2	4.1	88.6	7.1		5.5	67	25.3	2.2		9.2	54.7	31.3	4.9		6.8	78.1	5.1	10		15.8	3.6	42.7	37.9		
PHF	.250	.694	.838	.896	.850	.625	.693	.442	.500	.599	.882	.913	.801	.727	.920	.615	.918	.750	.783	.940	.833	.750	.900	.615	.762	.908

City of Buena Park
 N/S: Stanton Avenue
 E/W: Auto Center Drive/9th Street
 Weather: Clear

File Name : 01_BPK_Stan_Auto AM
 Site Code : 04224715
 Start Date : 9/17/2024
 Page No : 2



City of Buena Park
N/S: Stanton Avenue
E/W: Auto Center Drive/9th Street
Weather: Clear

File Name : 01_BPK_Stan_Auto AM
Site Code : 04224715
Start Date : 9/17/2024
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	Stanton Avenue Southbound					9th Street Southwestbound					Auto Center Drive Westbound					Stanton Avenue Northbound					Auto Center Drive Eastbound					
Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. Total
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					07:30 AM					
+0 mins.	1	2	127	11	141	2	12	4	0	18	15	98	47	6	166	8	100	4	9	121	7	1	22	15	45	
+15 mins.	0	6	160	12	178	2	22	13	1	38	14	94	64	6	178	7	84	8	15	114	9	3	30	21	63	
+30 mins.	0	9	128	8	145	1	11	5	1	18	17	83	50	11	161	13	94	6	12	125	12	3	26	21	62	
+45 mins.	0	8	121	12	141	0	16	1	0	17	14	83	44	9	150	4	89	6	11	110	12	2	30	39	83	
Total Volume	1	25	536	43	605	5	61	23	2	91	60	358	205	32	655	32	367	24	47	470	40	9	108	96	253	
% App. Total	0.2	4.1	88.6	7.1		5.5	67	25.3	2.2		9.2	54.7	31.3	4.9		6.8	78.1	5.1	10		15.8	3.6	42.7	37.9		
PHF	.250	.694	.838	.896	.850	.625	.693	.442	.500	.599	.882	.913	.801	.727	.920	.615	.918	.750	.783	.940	.833	.750	.900	.615	.762	

City of Buena Park
N/S: Stanton Avenue
E/W: Auto Center Drive/9th Street
Weather: Clear

File Name : 01_BPK_Stan_Auto AM
Site Code : 04224715
Start Date : 9/17/2024
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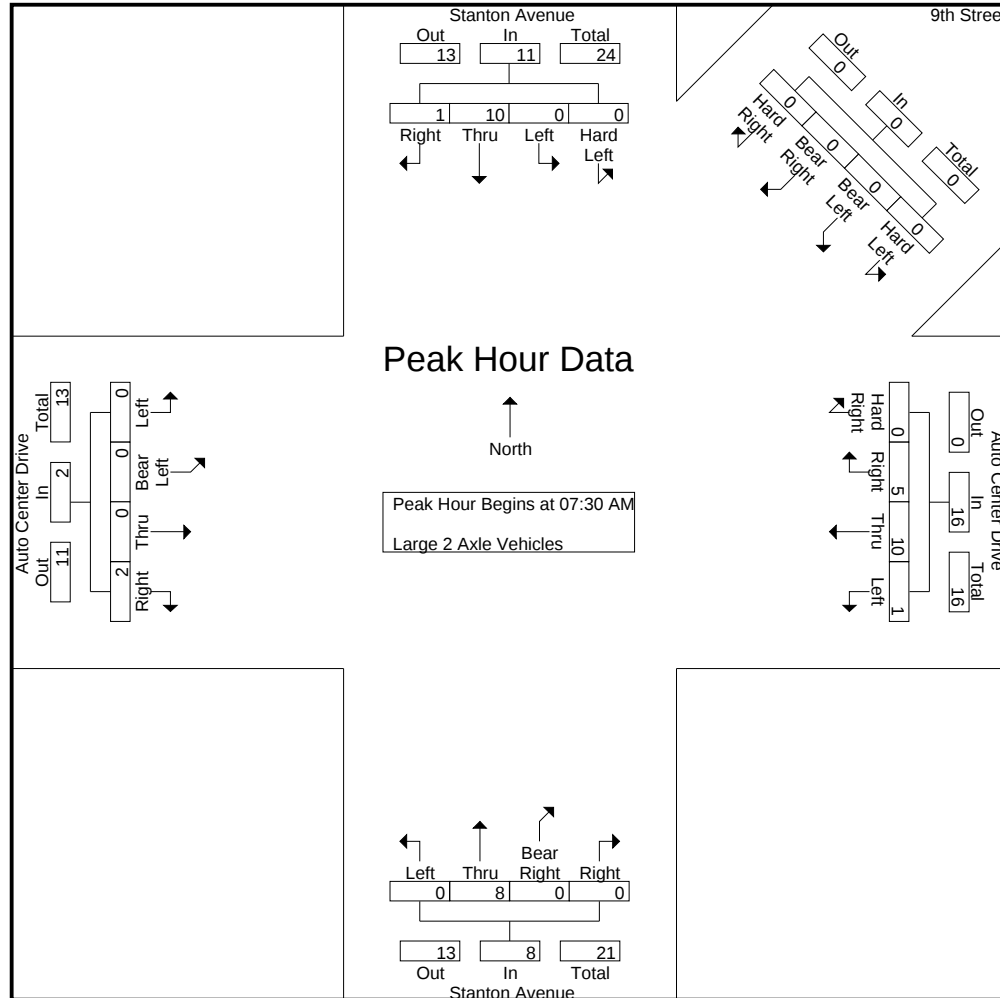
Groups Printed- Large 2 Axle Vehicles

	Stanton Avenue Southbound					9th Street Southwestbound					Auto Center Drive Westbound					Stanton Avenue Northbound					Auto Center Drive Eastbound					
Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	0	1	0	1	0	11	0	0	11	0	0	0	1	1	0	1	0	0	1	0	0	0	0	0	14
07:15 AM	0	0	3	0	3	0	0	0	0	0	0	3	0	0	3	1	5	0	0	6	0	0	0	1	1	13
07:30 AM	0	0	2	0	2	0	0	0	0	0	1	4	1	0	6	0	1	0	0	1	0	0	0	0	0	9
07:45 AM	0	0	4	0	4	0	0	0	0	0	0	1	2	0	3	0	3	0	0	3	0	0	0	2	2	12
Total	0	0	10	0	10	0	11	0	0	11	1	8	3	1	13	1	10	0	0	11	0	0	0	3	3	48
08:00 AM	0	0	2	0	2	0	0	0	0	0	0	2	2	0	4	0	2	0	0	2	0	0	0	0	0	8
08:15 AM	0	0	2	1	3	0	0	0	0	0	0	3	0	0	3	0	2	0	0	2	0	0	0	0	0	8
08:30 AM	0	0	1	0	1	0	0	0	0	0	1	2	0	0	3	0	0	0	0	0	0	0	0	1	1	5
08:45 AM	0	0	3	0	3	0	0	0	0	0	0	2	1	0	3	0	4	0	0	4	0	0	1	0	1	11
Total	0	0	8	1	9	0	0	0	0	0	1	9	3	0	13	0	8	0	0	8	0	0	1	1	2	32
Grand Total	0	0	18	1	19	0	11	0	0	11	2	17	6	1	26	1	18	0	0	19	0	0	1	4	5	80
Apprch %	0	0	94.7	5.3		0	100	0	0		7.7	65.4	23.1	3.8		5.3	94.7	0	0		0	0	20	80		
Total %	0	0	22.5	1.2	23.8	0	13.8	0	0	13.8	2.5	21.2	7.5	1.2	32.5	1.2	22.5	0	0	23.8	0	0	1.2	5	6.2	

	Stanton Avenue Southbound					9th Street Southwestbound					Auto Center Drive Westbound					Stanton Avenue Northbound					Auto Center Drive Eastbound					
Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. 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	0	2	0	0	0	0	0	1	4	1	0	6	0	1	0	0	1	0	0	0	0	0	9
07:45 AM	0	0	4	0	4	0	0	0	0	0	0	1	2	0	3	0	3	0	0	3	0	0	0	2	2	12
08:00 AM	0	0	2	0	2	0	0	0	0	0	0	2	2	0	4	0	2	0	0	2	0	0	0	0	0	8
08:15 AM	0	0	2	1	3	0	0	0	0	0	0	3	0	0	3	0	2	0	0	2	0	0	0	0	0	8
Total Volume	0	0	10	1	11	0	0	0	0	0	1	10	5	0	16	0	8	0	0	8	0	0	0	2	2	37
% App. Total	0	0	90.9	9.1		0	0	0	0		6.2	62.5	31.2	0		0	100	0	0		0	0	0	100		
PHF	.000	.000	.625	.250	.688	.000	.000	.000	.000	.000	.250	.625	.625	.000	.667	.000	.667	.000	.000	.667	.000	.000	.000	.250	.250	.771

City of Buena Park
N/S: Stanton Avenue
E/W: Auto Center Drive/9th Street
Weather: Clear

File Name : 01_BPK_Stan_Auto AM
Site Code : 04224715
Start Date : 9/17/2024
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City of Buena Park
N/S: Stanton Avenue
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File Name : 01_BPK_Stan_Auto AM
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Start Date : 9/17/2024
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	Stanton Avenue Southbound					9th Street Southwestbound					Auto Center Drive Westbound					Stanton Avenue Northbound					Auto Center Drive Eastbound					
Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																										
Peak Hour for Each Approach Begins at:																										
+0 mins.	07:30 AM					07:30 AM					07:30 AM					07:30 AM					07:30 AM					
	0	0	2	0	2	0	0	0	0	0	1	4	1	0	6	0	1	0	0	1	0	0	0	0	0	
+15 mins.	0	0	4	0	4	0	0	0	0	0	0	1	2	0	3	0	3	0	0	3	0	0	0	2	2	
+30 mins.	0	0	2	0	2	0	0	0	0	0	0	2	2	0	4	0	2	0	0	2	0	0	0	0	0	
+45 mins.	0	0	2	1	3	0	0	0	0	0	0	3	0	0	3	0	2	0	0	2	0	0	0	0	0	
Total Volume	0	0	10	1	11	0	0	0	0	0	1	10	5	0	16	0	8	0	0	8	0	0	0	2	2	
% App. Total	0	0	90.9	9.1		0	0	0	0		6.2	62.5	31.2	0		0	100	0	0		0	0	0	100		
PHF	.000	.000	.625	.250	.688	.000	.000	.000	.000	.000	.250	.625	.625	.000	.667	.000	.667	.000	.000	.667	.000	.000	.000	.250	.250	

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Buena Park
N/S: Stanton Avenue
E/W: Auto Center Drive/9th Street
Weather: Clear

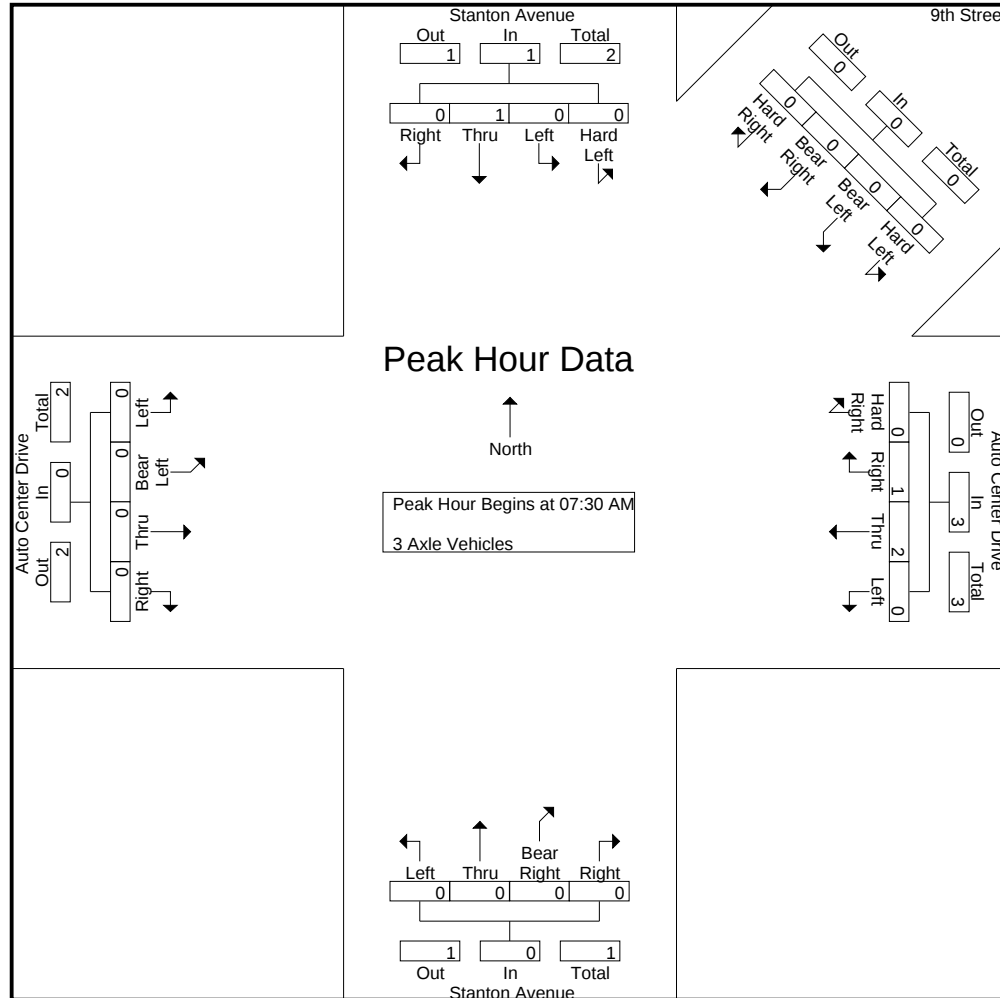
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Site Code : 04224715
Start Date : 9/17/2024
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Groups Printed- 3 Axle Vehicles

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City of Buena Park
N/S: Stanton Avenue
E/W: Auto Center Drive/9th Street
Weather: Clear

File Name : 01_BPK_Stan_Auto AM
Site Code : 04224715
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City of Buena Park
N/S: Stanton Avenue
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Weather: Clear

File Name : 01_BPK_Stan_Auto AM
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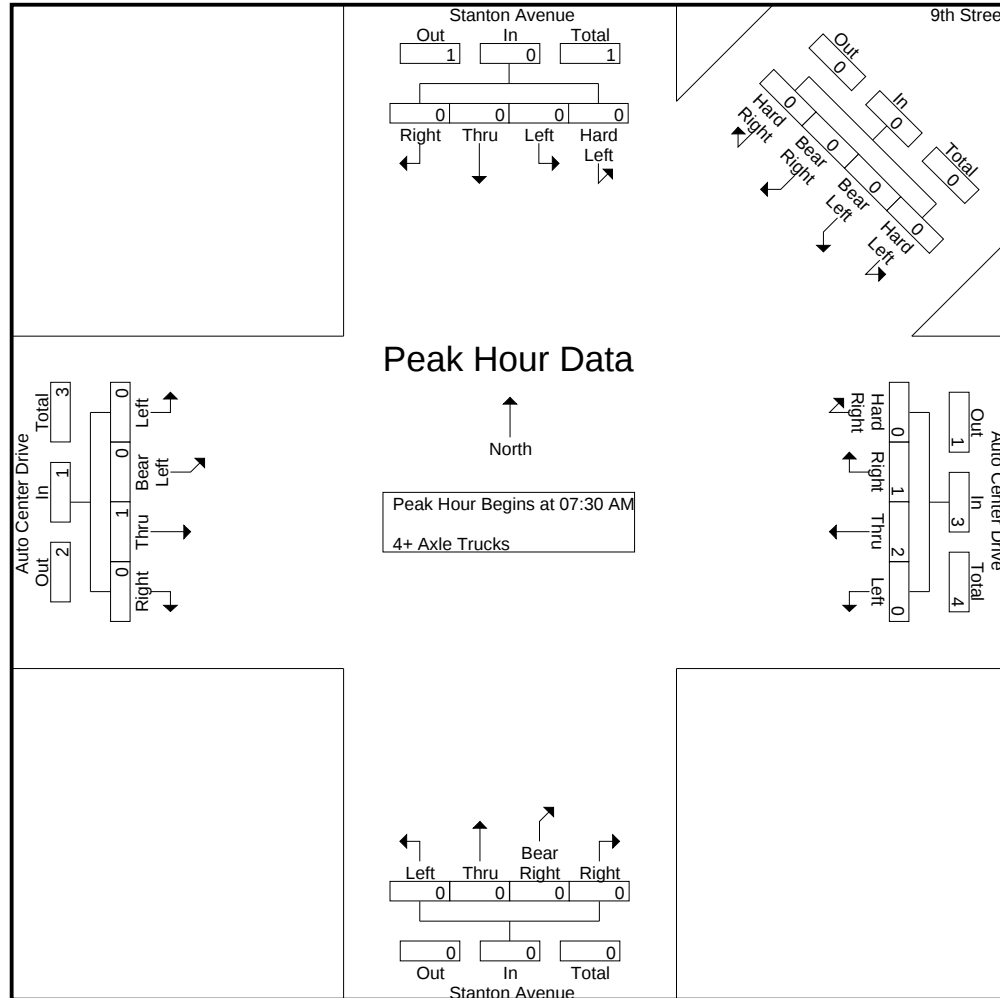
Groups Printed- 4+ Axle Trucks

	Stanton Avenue Southbound					9th Street Southwestbound					Auto Center Drive Westbound					Stanton Avenue Northbound					Auto Center Drive Eastbound						
Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. Total	
07:00 AM	0	0	0	0	0	0	11	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	12	
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	2	
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	
07:45 AM	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	
Total	0	0	0	0	0	0	11	0	0	11	0	2	0	0	2	0	0	0	0	0	0	0	0	1	1	2	15
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	2	
08:30 AM	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	0	0	0	0	0	0	0	0	1	1	3	
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	
Total	0	0	0	0	0	0	0	0	0	0	1	3	1	0	5	0	0	0	0	0	0	0	0	0	2	2	7
Grand Total	0	0	0	0	0	0	11	0	0	11	1	5	1	0	7	0	0	0	0	0	0	0	0	1	3	4	22
Apprch %	0	0	0	0		0	100	0	0		14.3	71.4	14.3	0		0	0	0	0		0	0	25	75			
Total %	0	0	0	0	0	0	50	0	0	50	4.5	22.7	4.5	0	31.8	0	0	0	0	0	0	0	4.5	13.6	18.2		

	Stanton Avenue Southbound					9th Street Southwestbound					Auto Center Drive Westbound					Stanton Avenue Northbound					Auto Center Drive Eastbound						
Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. 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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
07:45 AM	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
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	2
Total Volume	0	0	0	0	0	0	0	0	0	0	0	2	1	0	3	0	0	0	0	0	0	0	0	1	0	1	4
% App. Total	0	0	0	0	0	0	0	0	0	0	0	66.7	33.3	0	0	0	0	0	0	0	0	0	0	100	0	0	0
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.500	.250	.000	.375	.000	.000	.000	.000	.000	.000	.000	.250	.000	.250	.500	

City of Buena Park
N/S: Stanton Avenue
E/W: Auto Center Drive/9th Street
Weather: Clear

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City of Buena Park
N/S: Stanton Avenue
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	Stanton Avenue Southbound					9th Street Southwestbound					Auto Center Drive Westbound					Stanton Avenue Northbound					Auto Center Drive Eastbound					
Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																										
Peak Hour for Each Approach Begins at:																										
+0 mins.	07:30 AM					07:30 AM					07:30 AM					07:30 AM					07:30 AM					
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
+15 mins.	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	
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	
Total Volume	0	0	0	0	0	0	0	0	0	0	0	2	1	0	3	0	0	0	0	0	0	0	1	0	1	
% App. Total	0	0	0	0	0	0	0	0	0	0	0	66.7	33.3	0		0	0	0	0		0	0	100	0		
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.500	.250	.000	.375	.000	.000	.000	.000	.000	.000	.000	.250	.000	.250	

City of Buena Park
N/S: Stanton Avenue
E/W: Auto Center Drive/9th Street
Weather: Clear

File Name : 01_BPK_Stan_Auto PM
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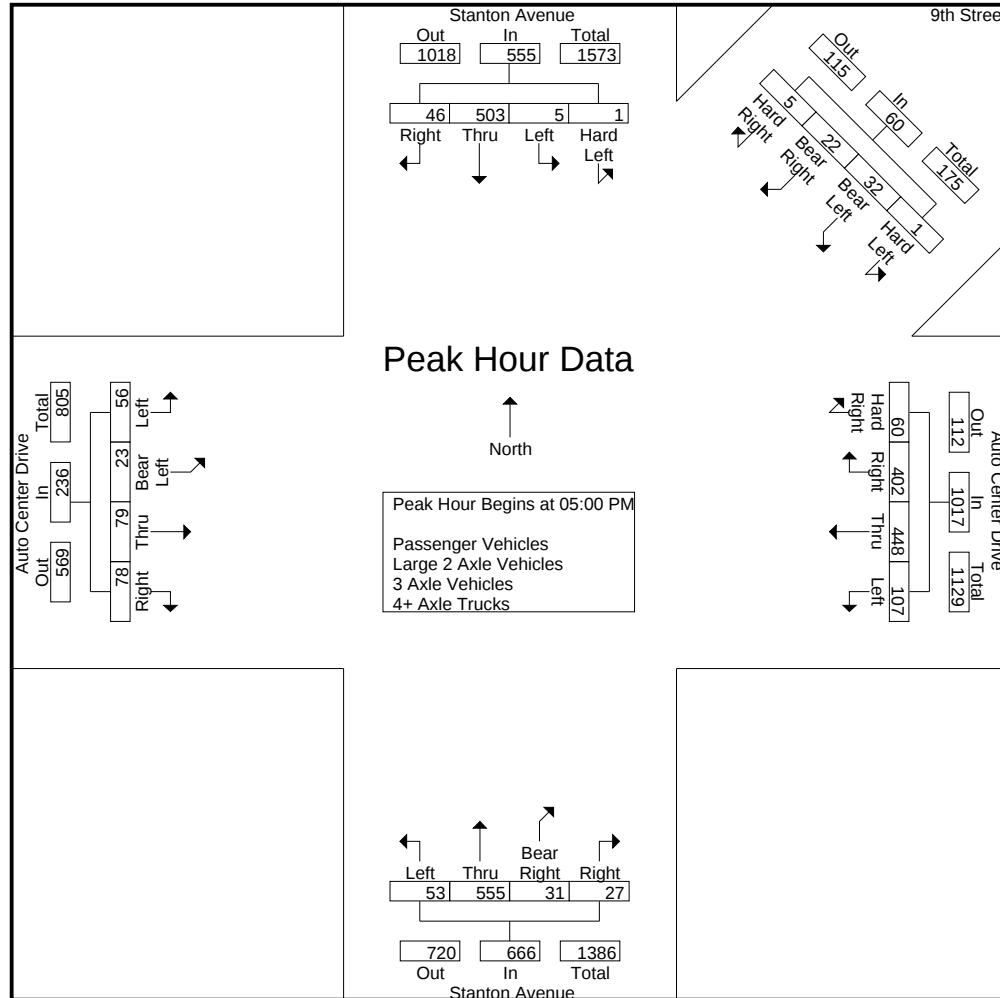
Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

	Stanton Avenue Southbound					9th Street Southwestbound					Auto Center Drive Westbound					Stanton Avenue Northbound					Auto Center Drive Eastbound					
Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. Total
04:00 PM	1	2	129	14	146	1	8	2	1	12	30	137	77	12	256	16	113	7	6	142	6	3	17	25	51	607
04:15 PM	0	0	137	15	152	0	1	2	1	4	22	105	75	7	209	14	122	8	11	155	10	4	15	16	45	565
04:30 PM	1	2	120	11	134	0	4	3	1	8	23	135	83	6	247	14	141	5	9	169	22	2	13	15	52	610
04:45 PM	1	1	93	12	107	0	11	1	1	13	27	128	106	11	272	15	133	9	6	163	10	5	24	9	48	603
Total	3	5	479	52	539	1	24	8	4	37	102	505	341	36	984	59	509	29	32	629	48	14	69	65	196	2385
05:00 PM	0	2	121	12	135	1	8	4	2	15	22	118	75	14	229	18	137	5	7	167	17	6	21	16	60	606
05:15 PM	0	2	128	16	146	0	10	6	1	17	23	101	113	16	253	11	137	8	12	168	21	7	18	24	70	654
05:30 PM	1	0	112	10	123	0	8	8	0	16	31	109	111	18	269	11	140	11	3	165	9	3	14	20	46	619
05:45 PM	0	1	142	8	151	0	6	4	2	12	31	120	103	12	266	13	141	7	5	166	9	7	26	18	60	655
Total	1	5	503	46	555	1	32	22	5	60	107	448	402	60	1017	53	555	31	27	666	56	23	79	78	236	2534
Grand Total	4	10	982	98	1094	2	56	30	9	97	209	953	743	96	2001	112	1064	60	59	1295	104	37	148	143	432	4919
Apprch %	0.4	0.9	89.8	9		2.1	57.7	30.9	9.3		10.4	47.6	37.1	4.8		8.6	82.2	4.6	4.6		24.1	8.6	34.3	33.1		
Total %	0.1	0.2	20	2	22.2	0	1.1	0.6	0.2	2	4.2	19.4	15.1	2	40.7	2.3	21.6	1.2	1.2	26.3	2.1	0.8	3	2.9	8.8	
Passenger Vehicles	4	10	969	98	1081	2	55	29	9	95	200	945	738	96	1979	109	1050	60	57	1276	101	37	146	135	419	4850
% Passenger Vehicles	100	100	98.7	100	98.8	100	98.2	96.7	100	97.9	95.7	99.2	99.3	100	98.9	97.3	98.7	100	96.6	98.5	97.1	100	98.6	94.4	97	98.6
Large 2 Axle Vehicles	0	0	9	0	9	0	1	1	0	2	4	8	5	0	17	3	12	0	1	16	3	0	1	3	7	51
% Large 2 Axle Vehicles	0	0	0.9	0	0.8	0	1.8	3.3	0	2.1	1.9	0.8	0.7	0	0.8	2.7	1.1	0	1.7	1.2	2.9	0	0.7	2.1	1.6	1
3 Axle Vehicles	0	0	4	0	4	0	0	0	0	0	3	0	0	0	3	0	1	0	1	2	0	0	0	3	3	12
% 3 Axle Vehicles	0	0	0.4	0	0.4	0	0	0	0	0	1.4	0	0	0	0.1	0	0.1	0	1.7	0.2	0	0	0	2.1	0.7	0.2
4+ Axle Trucks	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	1	0	0	1	0	0	1	2	3	6
% 4+ Axle Trucks	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0.1	0	0.1	0	0	0.1	0	0	0.7	1.4	0.7	0.1

	Stanton Avenue Southbound					9th Street Southwestbound					Auto Center Drive Westbound					Stanton Avenue Northbound					Auto Center Drive Eastbound					
Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																										
Peak Hour for Entire Intersection Begins at 05:00 PM																										
05:00 PM	0	2	121	12	135	1	8	4	2	15	22	118	75	14	229	18	137	5	7	167	17	6	21	16	60	606
05:15 PM	0	2	128	16	146	0	10	6	1	17	23	101	113	16	253	11	137	8	12	168	21	7	18	24	70	654
05:30 PM	1	0	112	10	123	0	8	8	0	16	31	109	111	18	269	11	140	11	3	165	9	3	14	20	46	619
05:45 PM	0	1	142	8	151	0	6	4	2	12	31	120	103	12	266	13	141	7	5	166	9	7	26	18	60	655
Total Volume	1	5	503	46	555	1	32	22	5	60	107	448	402	60	1017	53	555	31	27	666	56	23	79	78	236	2534
% App. Total	0.2	0.9	90.6	8.3		1.7	53.3	36.7	8.3		10.5	44.1	39.5	5.9		8	83.3	4.7	4.1		23.7	9.7	33.5	33.1		
PHF	.250	.625	.886	.719	.919	.250	.800	.688	.625	.882	.863	.933	.889	.833	.945	.736	.984	.705	.563	.991	.667	.821	.760	.813	.843	.967

City of Buena Park
N/S: Stanton Avenue
E/W: Auto Center Drive/9th Street
Weather: Clear

File Name : 01_BPK_Stan_Auto PM
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City of Buena Park
N/S: Stanton Avenue
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File Name : 01_BPK_Stan_Auto PM
Site Code : 04224715
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	Stanton Avenue Southbound					9th Street Southwestbound					Auto Center Drive Westbound					Stanton Avenue Northbound					Auto Center Drive Eastbound					
Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																										
Peak Hour for Each Approach Begins at:																										
	05:00 PM					04:45 PM					04:30 PM					04:30 PM					05:00 PM					
+0 mins.	0	2	121	12	135	0	11	1	1	13	27	128	106	11	272	14	141	5	9	169	17	6	21	16	60	
+15 mins.	0	2	128	16	146	1	8	4	2	15	22	118	75	14	229	15	133	9	6	163	21	7	18	24	70	
+30 mins.	1	0	112	10	123	0	10	6	1	17	23	101	113	16	253	18	137	5	7	167	9	3	14	20	46	
+45 mins.	0	1	142	8	151	0	8	8	0	16	31	109	111	18	269	11	137	8	12	168	9	7	26	18	60	
Total Volume	1	5	503	46	555	1	37	19	4	61	103	456	405	59	1023	58	548	27	34	667	56	23	79	78	236	
% App. Total	0.2	0.9	90.6	8.3		1.6	60.7	31.1	6.6		10.1	44.6	39.6	5.8		8.7	82.2	4	5.1		23.7	9.7	33.5	33.1		
PHF	.250	.625	.886	.719	.919	.250	.841	.594	.500	.897	.831	.891	.896	.819	.940	.806	.972	.750	.708	.987	.667	.821	.760	.813	.843	

City of Buena Park
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E/W: Auto Center Drive/9th Street
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File Name : 01_BPK_Stan_Auto PM
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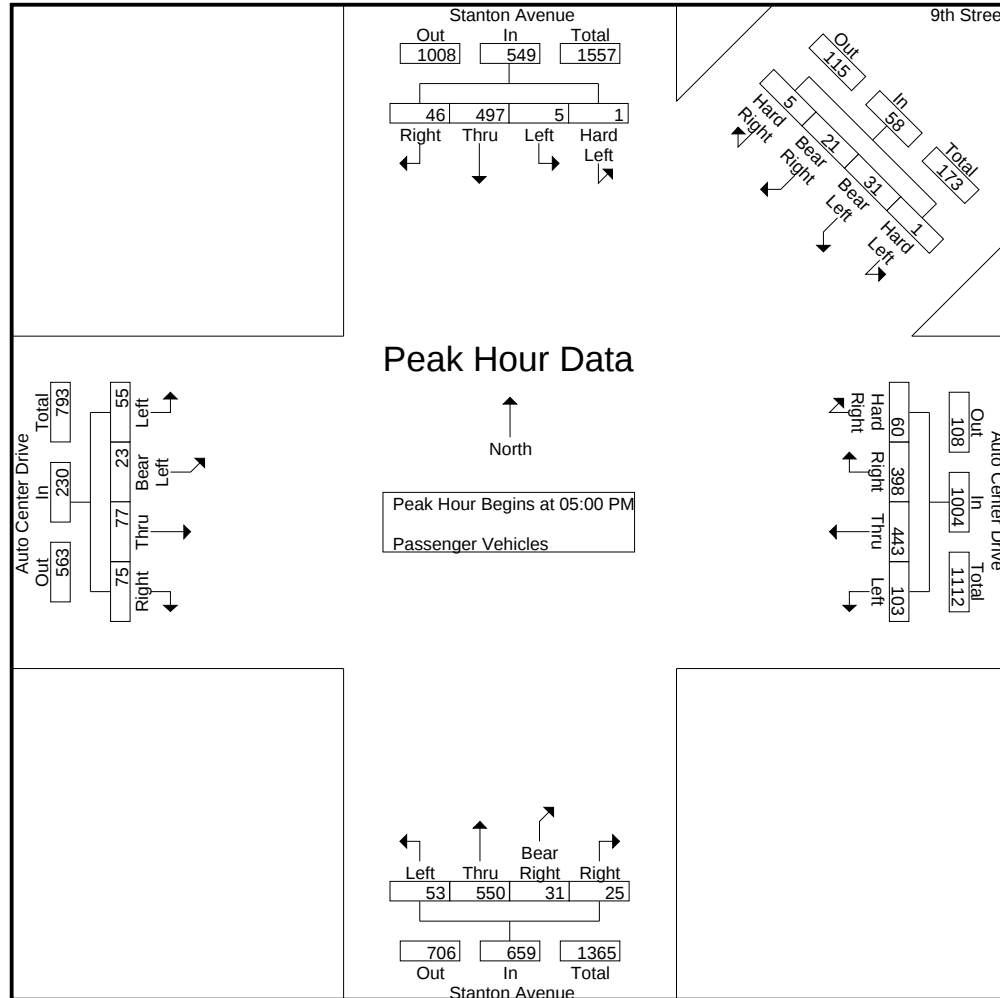
Groups Printed- Passenger Vehicles

	Stanton Avenue Southbound					9th Street Southwestbound					Auto Center Drive Westbound					Stanton Avenue Northbound					Auto Center Drive Eastbound					
Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. Total
04:00 PM	1	2	127	14	144	1	8	2	1	12	29	136	76	12	253	14	110	7	6	137	6	3	17	23	49	595
04:15 PM	0	0	136	15	151	0	1	2	1	4	22	105	75	7	209	14	121	8	11	154	10	4	15	15	44	562
04:30 PM	1	2	117	11	131	0	4	3	1	8	20	135	83	6	244	13	138	5	9	165	20	2	13	14	49	597
04:45 PM	1	1	92	12	106	0	11	1	1	13	26	126	106	11	269	15	131	9	6	161	10	5	24	8	47	596
Total	3	5	472	52	532	1	24	8	4	37	97	502	340	36	975	56	500	29	32	617	46	14	69	60	189	2350
05:00 PM	0	2	116	12	130	1	8	4	2	15	20	117	74	14	225	18	136	5	7	166	17	6	20	15	58	594
05:15 PM	0	2	128	16	146	0	10	5	1	16	23	100	111	16	250	11	136	8	12	167	21	7	17	24	69	648
05:30 PM	1	0	112	10	123	0	7	8	0	15	29	106	111	18	264	11	138	11	2	162	9	3	14	19	45	609
05:45 PM	0	1	141	8	150	0	6	4	2	12	31	120	102	12	265	13	140	7	4	164	8	7	26	17	58	649
Total	1	5	497	46	549	1	31	21	5	58	103	443	398	60	1004	53	550	31	25	659	55	23	77	75	230	2500
Grand Total	4	10	969	98	1081	2	55	29	9	95	200	945	738	96	1979	109	1050	60	57	1276	101	37	146	135	419	4850
Apprch %	0.4	0.9	89.6	9.1		2.1	57.9	30.5	9.5		10.1	47.8	37.3	4.9		8.5	82.3	4.7	4.5		24.1	8.8	34.8	32.2		
Total %	0.1	0.2	20	2	22.3	0	1.1	0.6	0.2	2	4.1	19.5	15.2	2	40.8	2.2	21.6	1.2	1.2	26.3	2.1	0.8	3	2.8	8.6	

	Stanton Avenue Southbound					9th Street Southwestbound					Auto Center Drive Westbound					Stanton Avenue Northbound					Auto Center Drive Eastbound					
Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. 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	116	12	130	1	8	4	2	15	20	117	74	14	225	18	136	5	7	166	17	6	20	15	58	594
05:15 PM	0	2	128	16	146	0	10	5	1	16	23	100	111	16	250	11	136	8	12	167	21	7	17	24	69	648
05:30 PM	1	0	112	10	123	0	7	8	0	15	29	106	111	18	264	11	138	11	2	162	9	3	14	19	45	609
05:45 PM	0	1	141	8	150	0	6	4	2	12	31	120	102	12	265	13	140	7	4	164	8	7	26	17	58	649
Total Volume	1	5	497	46	549	1	31	21	5	58	103	443	398	60	1004	53	550	31	25	659	55	23	77	75	230	2500
% App. Total	0.2	0.9	90.5	8.4		1.7	53.4	36.2	8.6		10.3	44.1	39.6	6		8	83.5	4.7	3.8		23.9	10	33.5	32.6		
PHF	.250	.625	.881	.719	.915	.250	.775	.656	.625	.906	.831	.923	.896	.833	.947	.736	.982	.705	.521	.987	.655	.821	.740	.781	.833	.963

City of Buena Park
N/S: Stanton Avenue
E/W: Auto Center Drive/9th Street
Weather: Clear

File Name : 01_BPK_Stan_Auto PM
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Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Buena Park
N/S: Stanton Avenue
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File Name : 01_BPK_Stan_Auto PM
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	Stanton Avenue Southbound					9th Street Southwestbound					Auto Center Drive Westbound					Stanton Avenue Northbound					Auto Center Drive Eastbound					
Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. Total
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					05:00 PM					
+0 mins.	0	2	116	12	130	1	8	4	2	15	20	117	74	14	225	18	136	5	7	166	17	6	20	15	58	
+15 mins.	0	2	128	16	146	0	10	5	1	16	23	100	111	16	250	11	136	8	12	167	21	7	17	24	69	
+30 mins.	1	0	112	10	123	0	7	8	0	15	29	106	111	18	264	11	138	11	2	162	9	3	14	19	45	
+45 mins.	0	1	141	8	150	0	6	4	2	12	31	120	102	12	265	13	140	7	4	164	8	7	26	17	58	
Total Volume	1	5	497	46	549	1	31	21	5	58	103	443	398	60	1004	53	550	31	25	659	55	23	77	75	230	
% App. Total	0.2	0.9	90.5	8.4		1.7	53.4	36.2	8.6		10.3	44.1	39.6	6		8	83.5	4.7	3.8		23.9	10	33.5	32.6		
PHF	.250	.625	.881	.719	.915	.250	.775	.656	.625	.906	.831	.923	.896	.833	.947	.736	.982	.705	.521	.987	.655	.821	.740	.781	.833	

City of Buena Park
N/S: Stanton Avenue
E/W: Auto Center Drive/9th Street
Weather: Clear

File Name : 01_BPK_Stant_Auto PM
Site Code : 04224715
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Groups Printed- Large 2 Axle Vehicles

	Stanton Avenue Southbound					9th Street Southwestbound					Auto Center Drive Westbound					Stanton Avenue Northbound					Auto Center Drive Eastbound					
Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	0	2	0	2	0	0	0	0	0	1	1	1	0	3	2	2	0	0	4	0	0	0	1	1	10
04:15 PM	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	1	1	3
04:30 PM	0	0	3	0	3	0	0	0	0	0	2	0	0	0	2	1	3	0	0	4	2	0	0	1	3	12
04:45 PM	0	0	1	0	1	0	0	0	0	0	0	2	0	0	2	0	2	0	0	2	0	0	0	0	0	5
Total	0	0	7	0	7	0	0	0	0	0	3	3	1	0	7	3	8	0	0	11	2	0	0	3	5	30
05:00 PM	0	0	1	0	1	0	0	0	0	0	1	1	1	0	3	0	1	0	0	1	0	0	0	0	0	5
05:15 PM	0	0	0	0	0	0	0	1	0	1	0	1	2	0	3	0	0	0	0	0	0	0	1	0	1	5
05:30 PM	0	0	0	0	0	0	1	0	0	1	0	3	0	0	3	0	2	0	1	3	0	0	0	0	0	7
05:45 PM	0	0	1	0	1	0	0	0	0	0	0	0	1	0	1	0	1	0	0	1	1	0	0	0	1	4
Total	0	0	2	0	2	0	1	1	0	2	1	5	4	0	10	0	4	0	1	5	1	0	1	0	2	21
Grand Total	0	0	9	0	9	0	1	1	0	2	4	8	5	0	17	3	12	0	1	16	3	0	1	3	7	51
Apprch %	0	0	100	0		0	50	50	0		23.5	47.1	29.4	0		18.8	75	0	6.2		42.9	0	14.3	42.9		
Total %	0	0	17.6	0	17.6	0	2	2	0	3.9	7.8	15.7	9.8	0	33.3	5.9	23.5	0	2	31.4	5.9	0	2	5.9	13.7	

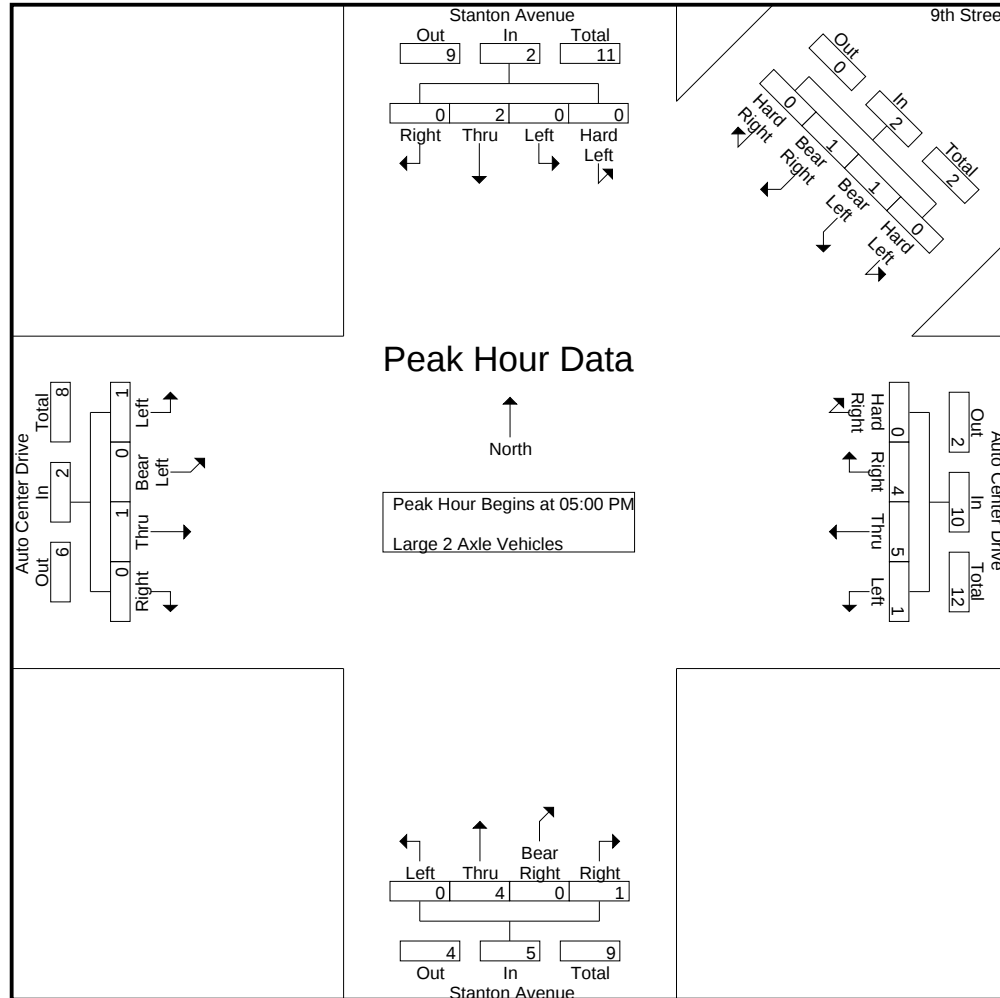
	Stanton Avenue Southbound					9th Street Southwestbound					Auto Center Drive Westbound					Stanton Avenue Northbound					Auto Center Drive Eastbound					
Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. Total
05:00 PM	0	0	1	0	1	0	0	0	0	0	1	1	1	0	3	0	1	0	0	1	0	0	0	0	0	5
05:15 PM	0	0	0	0	0	0	0	1	0	1	0	1	2	0	3	0	0	0	0	0	0	0	1	0	1	5
05:30 PM	0	0	0	0	0	0	1	0	0	1	0	3	0	0	3	0	2	0	1	3	0	0	0	0	0	7
05:45 PM	0	0	1	0	1	0	0	0	0	0	0	0	1	0	1	0	1	0	0	1	1	0	0	0	1	4
Total Volume	0	0	2	0	2	0	1	1	0	2	1	5	4	0	10	0	4	0	1	5	1	0	1	0	2	21
% App. Total	0	0	100	0		0	50	50	0		10	50	40	0		0	80	0	20		50	0	50	0		
PHF	.000	.000	.500	.000	.500	.000	.250	.250	.000	.500	.250	.417	.500	.000	.833	.000	.500	.000	.250	.417	.250	.000	.250	.000	.500	.750

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

City of Buena Park
N/S: Stanton Avenue
E/W: Auto Center Drive/9th Street
Weather: Clear

File Name : 01_BPK_Stan_Auto PM
Site Code : 04224715
Start Date : 9/17/2024
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City of Buena Park
N/S: Stanton Avenue
E/W: Auto Center Drive/9th Street
Weather: Clear

File Name : 01_BPK_Stan_Auto PM
Site Code : 04224715
Start Date : 9/17/2024
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	Stanton Avenue Southbound					9th Street Southwestbound					Auto Center Drive Westbound					Stanton Avenue Northbound					Auto Center Drive Eastbound					
Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. Total
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					05:00 PM					
+0 mins.	0	0	1	0	1	0	0	0	0	0	1	1	1	0	3	0	1	0	0	1	0	0	0	0	0	
+15 mins.	0	0	0	0	0	0	0	1	0	1	0	1	2	0	3	0	0	0	0	0	0	0	1	0	1	
+30 mins.	0	0	0	0	0	0	1	0	0	1	0	3	0	0	3	0	2	0	1	3	0	0	0	0	0	
+45 mins.	0	0	1	0	1	0	0	0	0	0	0	0	1	0	1	0	1	0	0	1	1	0	0	0	1	
Total Volume	0	0	2	0	2	0	1	1	0	2	1	5	4	0	10	0	4	0	1	5	1	0	1	0	2	
% App. Total	0	0	100	0		0	50	50	0		10	50	40	0		0	80	0	20		50	0	50	0		
PHF	.000	.000	.500	.000	.500	.000	.250	.250	.000	.500	.250	.417	.500	.000	.833	.000	.500	.000	.250	.417	.250	.000	.250	.000	.500	

City of Buena Park
N/S: Stanton Avenue
E/W: Auto Center Drive/9th Street
Weather: Clear

File Name : 01_BPK_Stan_Auto PM
Site Code : 04224715
Start Date : 9/17/2024
Page No : 1

Groups Printed- 3 Axle Vehicles

	Stanton Avenue Southbound					9th Street Southwestbound					Auto Center Drive Westbound					Stanton Avenue Northbound					Auto Center Drive Eastbound						
Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. Total	
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	2
04:15 PM	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	
04:30 PM	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	
04:45 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	
Total	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	1	0	0	0	1	1	3	
05:00 PM	0	0	4	0	4	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	1	1	6	
05:15 PM	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	
05:30 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	1	1	2	
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	
Total	0	0	4	0	4	0	0	0	0	0	2	0	0	0	2	0	0	0	1	1	0	0	0	2	2	9	
Grand Total	0	0	4	0	4	0	0	0	0	0	3	0	0	0	3	0	1	0	1	2	0	0	0	3	3	12	
Apprch %	0	0	100	0		0	0	0	0		100	0	0	0		0	50	0	50		0	0	0	100			
Total %	0	0	33.3	0	33.3	0	0	0	0	0	25	0	0	0	25	0	8.3	0	8.3	16.7	0	0	0	25	25		

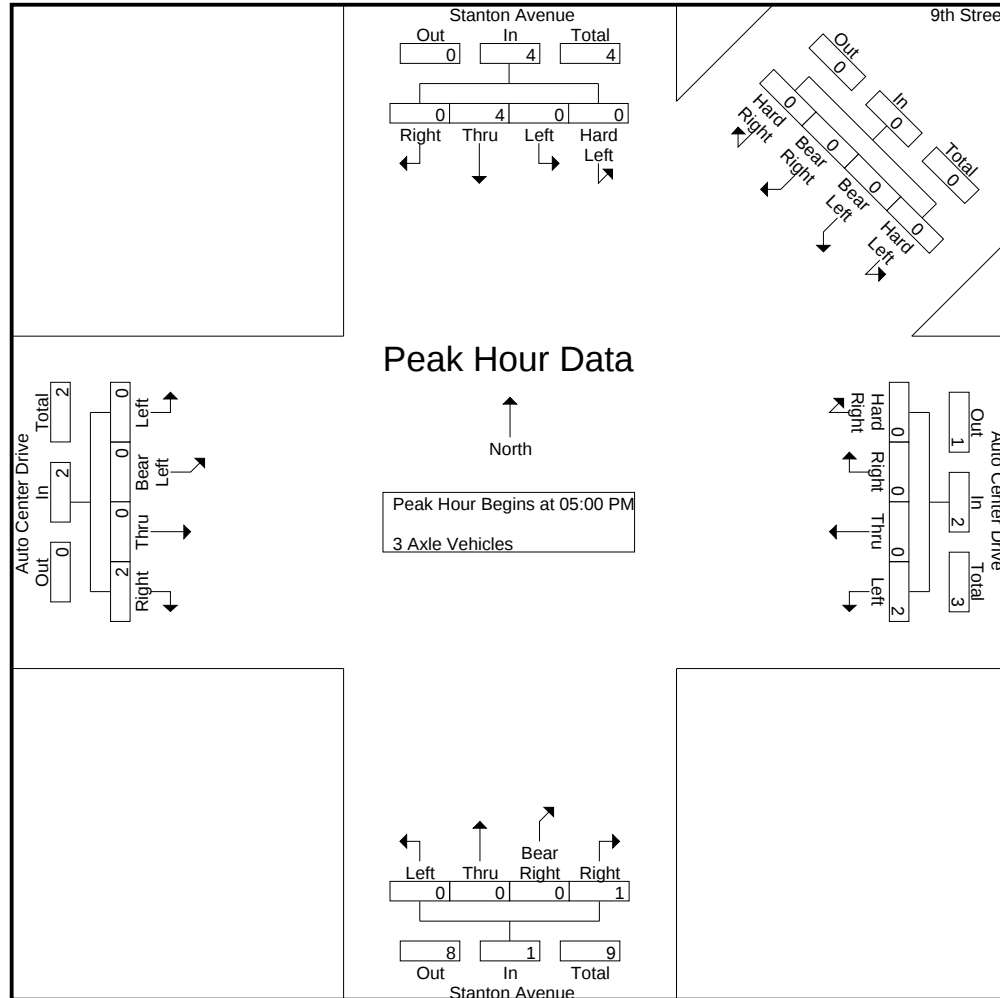
	Stanton Avenue Southbound					9th Street Southwestbound					Auto Center Drive Westbound					Stanton Avenue Northbound					Auto Center Drive Eastbound						
Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. 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	4	0	4	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	6
05:15 PM	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	
05:30 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	2
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1
Total Volume	0	0	4	0	4	0	0	0	0	0	2	0	0	0	2	0	0	0	1	1	0	0	0	2	2	9	
% App. Total	0	0	100	0		0	0	0	0		100	0	0	0		0	0	0	100		0	0	0	100			
PHF	.000	.000	.250	.000	.250	.000	.000	.000	.000	.000	.500	.000	.000	.000	.500	.000	.000	.000	.250	.250	.000	.000	.000	.500	.500	.375	

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

City of Buena Park
N/S: Stanton Avenue
E/W: Auto Center Drive/9th Street
Weather: Clear

File Name : 01_BPK_Stan_Auto PM
Site Code : 04224715
Start Date : 9/17/2024
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City of Buena Park
N/S: Stanton Avenue
E/W: Auto Center Drive/9th Street
Weather: Clear

File Name : 01_BPK_Stan_Auto PM
Site Code : 04224715
Start Date : 9/17/2024
Page No : 3

	Stanton Avenue Southbound					9th Street Southwestbound					Auto Center Drive Westbound					Stanton Avenue Northbound					Auto Center Drive Eastbound					
Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. Total
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					05:00 PM					
+0 mins.	0	0	4	0	4	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1
+15 mins.	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
+30 mins.	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
Total Volume	0	0	4	0	4	0	0	0	0	0	2	0	0	0	2	0	0	0	1	1	0	0	0	2	2	2
% App. Total	0	0	100	0		0	0	0	0		100	0	0	0		0	0	0	100		0	0	0	100		
PHF	.000	.000	.250	.000	.250	.000	.000	.000	.000	.000	.500	.000	.000	.000	.500	.000	.000	.000	.250	.250	.000	.000	.000	.500	.500	

City of Buena Park
N/S: Stanton Avenue
E/W: Auto Center Drive/9th Street
Weather: Clear

File Name : 01_BPK_Stan_Auto PM
Site Code : 04224715
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Page No : 1

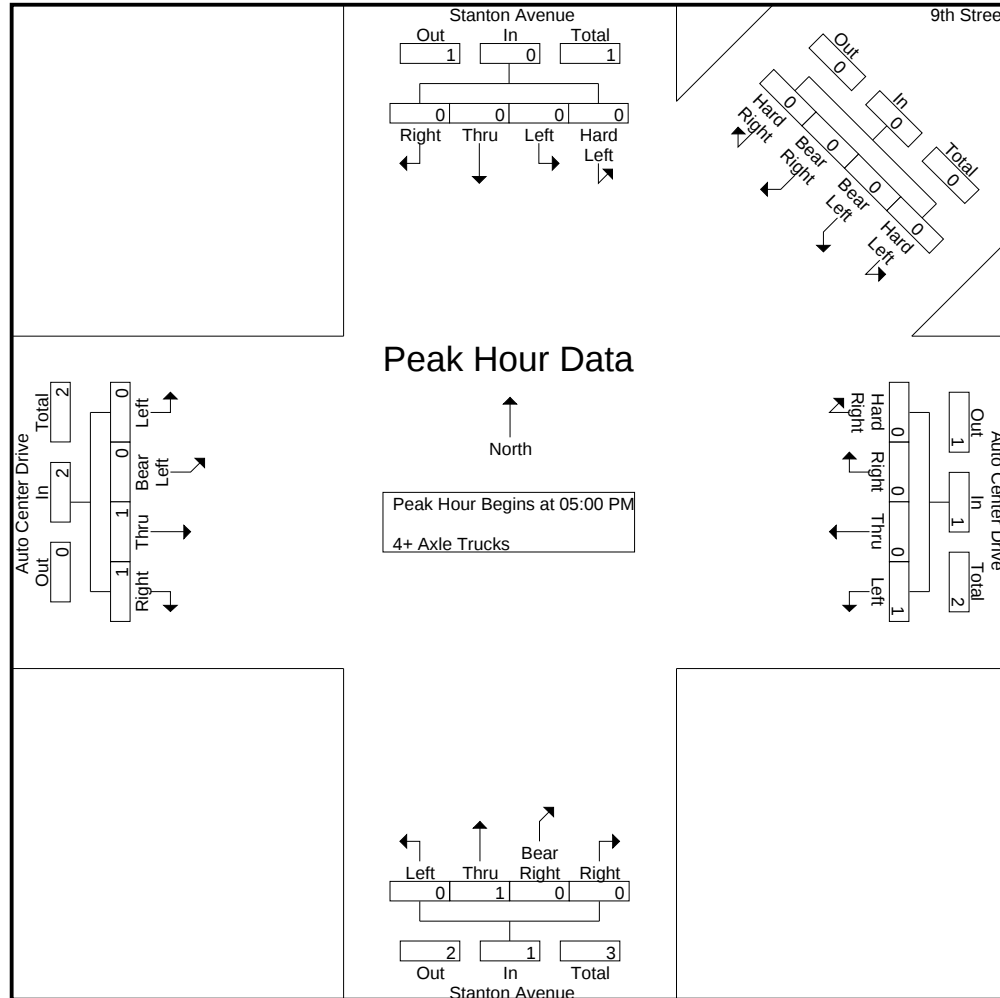
Groups Printed- 4+ Axle Trucks

	Stanton Avenue Southbound					9th Street Southwestbound					Auto Center Drive Westbound					Stanton Avenue Northbound					Auto Center Drive Eastbound					
Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. Total
04:00 PM	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
04:15 PM	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
04:30 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
Total	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	1	1	2
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	1
05:30 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
Total	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	1	0	0	1	1	2	4
Grand Total	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	1	0	0	1	0	0	1	2	3	6
Apprch %	0	0	0	0		0	0	0	0		100	0	0	0		0	100	0	0		0	0	33.3	66.7		
Total %	0	0	0	0		0	0	0	0		33.3	0	0	0	33.3	0	16.7	0	0	16.7	0	0	16.7	33.3	50	

	Stanton Avenue Southbound					9th Street Southwestbound					Auto Center Drive Westbound					Stanton Avenue Northbound					Auto Center Drive Eastbound					
Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. 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	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
05:30 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
Total Volume	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	1	0	0	1	1	2	4
% App. Total	0	0	0	0		0	0	0	0		100	0	0	0		0	100	0	0		0	0	50	50		
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.250	.000	.000	.000	.250	.000	.250	.000	.000	.250	.000	.000	.250	.250	.500	1.00

City of Buena Park
N/S: Stanton Avenue
E/W: Auto Center Drive/9th Street
Weather: Clear

File Name : 01_BPK_Stan_Auto PM
Site Code : 04224715
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City of Buena Park
N/S: Stanton Avenue
E/W: Auto Center Drive/9th Street
Weather: Clear

File Name : 01_BPK_Stan_Auto PM
Site Code : 04224715
Start Date : 9/17/2024
Page No : 3

	Stanton Avenue Southbound					9th Street Southwestbound					Auto Center Drive Westbound					Stanton Avenue Northbound					Auto Center Drive Eastbound					
Start Time	Hard Left	Left	Thru	Right	App. Total	Hard Left	Bear Left	Bear Right	Hard Right	App. Total	Left	Thru	Right	Hard Right	App. Total	Left	Thru	Bear Right	Right	App. Total	Left	Bear Left	Thru	Right	App. Total	Int. Total
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					05:00 PM					
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	
+30 mins.	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1		
Total Volume	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	1	0	0	1	1	2	
% App. Total	0	0	0	0	0	0	0	0	0		100	0	0	0		0	100	0	0		0	0	50	50		
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.250	.000	.000	.000	.250	.000	.250	.000	.000	.250	.000	.000	.250	.250	.500	

Location: Buena Park
 N/S: Stanton Avenue
 E/W: Auto Center Drive
 NE: 9th Street



Date: 9/17/2024
 Day: Tuesday

PEDESTRIANS

	North Leg Stanton Avenue	Northeast Leg 9th Street	East Leg Auto Center Drive	South Leg Stanton Avenue	West Leg Auto Center Drive	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	3	0	2	5
7:15 AM	1	0	2	3	1	7
7:30 AM	0	2	3	0	6	11
7:45 AM	2	1	1	1	1	6
8:00 AM	2	1	1	0	2	6
8:15 AM	1	0	0	0	2	3
8:30 AM	0	0	0	0	1	1
8:45 AM	0	0	1	2	0	3
TOTAL VOLUMES:	6	4	11	6	15	42

	North Leg Stanton Avenue	Northeast Leg 9th Street	East Leg Auto Center Drive	South Leg Stanton Avenue	West Leg Auto Center Drive	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	2	0	0	0	2	4
4:15 PM	0	0	0	3	1	4
4:30 PM	0	0	3	3	4	10
4:45 PM	0	0	2	1	1	4
5:00 PM	2	0	6	1	1	10
5:15 PM	0	0	1	3	3	7
5:30 PM	0	0	2	3	1	6
5:45 PM	2	1	3	0	4	10
TOTAL VOLUMES:	6	1	17	14	17	55

Location: Buena Park
 N/S: Stanton Avenue
 E/W: Auto Center Drive



Date: 9/17/2024
 Day: Tuesday

BICYCLES

	Southbound Stanton Avenue				Southwestbound 9th Street				Westbound Auto Center Drive				Northbound Stanton Avenue				Eastbound Auto Center Drive				
	H Left	Left	Thru	Right	H Left	B Left	B Right	H Right	Left	Thru	Right	H Right	Left	Thru	B Right	Right	Left	B Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2

	Southbound Stanton Avenue				Southwestbound 9th Street				Westbound Auto Center Drive				Northbound Stanton Avenue				Eastbound Auto Center Drive				
	H Left	Left	Thru	Right	H Left	B Left	B Right	H Right	Left	Thru	Right	H Right	Left	Thru	B Right	Right	Left	B Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	4

City of Buena Park
N/S: Stanton Avenue
E/W: Whitaker Street
Weather: Clear

File Name : 02_BPK_Stan_Whit AM
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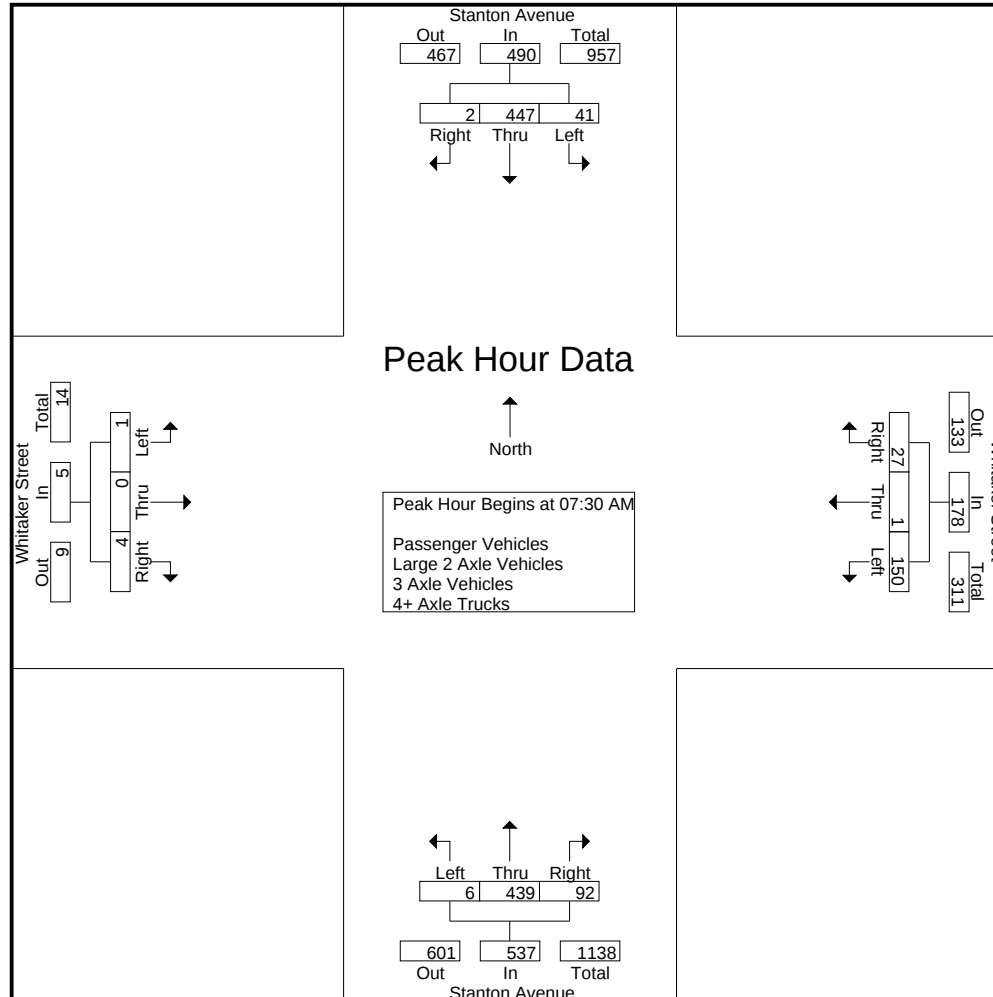
Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

	Stanton Avenue Southbound				Whitaker Street Westbound				Stanton Avenue Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	2	76	0	78	26	1	1	28	1	78	9	88	0	0	0	0	194
07:15 AM	8	98	1	107	28	0	1	29	1	75	15	91	0	0	2	2	229
07:30 AM	13	120	0	133	35	0	9	44	0	107	14	121	0	0	2	2	300
07:45 AM	11	127	1	139	39	0	6	45	2	113	26	141	0	0	1	1	326
Total	34	421	2	457	128	1	17	146	4	373	64	441	0	0	5	5	1049
08:00 AM	14	109	1	124	27	0	6	33	2	116	29	147	1	0	0	1	305
08:15 AM	3	91	0	94	49	1	6	56	2	103	23	128	0	0	1	1	279
08:30 AM	5	97	2	104	31	1	7	39	0	119	13	132	1	0	4	5	280
08:45 AM	5	97	1	103	22	0	6	28	3	108	27	138	1	1	1	3	272
Total	27	394	4	425	129	2	25	156	7	446	92	545	3	1	6	10	1136
Grand Total	61	815	6	882	257	3	42	302	11	819	156	986	3	1	11	15	2185
Apprch %	6.9	92.4	0.7		85.1	1	13.9		1.1	83.1	15.8		20	6.7	73.3		
Total %	2.8	37.3	0.3	40.4	11.8	0.1	1.9	13.8	0.5	37.5	7.1	45.1	0.1	0	0.5	0.7	
Passenger Vehicles	57	799	6	862	253	3	40	296	11	798	152	961	3	1	10	14	2133
% Passenger Vehicles	93.4	98	100	97.7	98.4	100	95.2	98	100	97.4	97.4	97.5	100	100	90.9	93.3	97.6
Large 2 Axle Vehicles	3	13	0	16	2	0	2	4	0	12	4	16	0	0	1	1	37
% Large 2 Axle Vehicles	4.9	1.6	0	1.8	0.8	0	4.8	1.3	0	1.5	2.6	1.6	0	0	9.1	6.7	1.7
3 Axle Vehicles	1	2	0	3	0	0	0	0	0	6	0	6	0	0	0	0	9
% 3 Axle Vehicles	1.6	0.2	0	0.3	0	0	0	0	0	0.7	0	0.6	0	0	0	0	0.4
4+ Axle Trucks	0	1	0	1	2	0	0	2	0	3	0	3	0	0	0	0	6
% 4+ Axle Trucks	0	0.1	0	0.1	0.8	0	0	0.7	0	0.4	0	0.3	0	0	0	0	0.3

	Stanton Avenue Southbound				Whitaker Street Westbound				Stanton Avenue Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	13	120	0	133	35	0	9	44	0	107	14	121	0	0	2	2	300
07:45 AM	11	127	1	139	39	0	6	45	2	113	26	141	0	0	1	1	326
08:00 AM	14	109	1	124	27	0	6	33	2	116	29	147	1	0	0	1	305
08:15 AM	3	91	0	94	49	1	6	56	2	103	23	128	0	0	1	1	279
Total Volume	41	447	2	490	150	1	27	178	6	439	92	537	1	0	4	5	1210
% App. Total	8.4	91.2	0.4		84.3	0.6	15.2		1.1	81.8	17.1		20	0	80		
PHF	.732	.880	.500	.881	.765	.250	.750	.795	.750	.946	.793	.913	.250	.000	.500	.625	.928

City of Buena Park
N/S: Stanton Avenue
E/W: Whitaker Street
Weather: Clear

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City of Buena Park
N/S: Stanton Avenue
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File Name : 02_BPK_Stan_Whit AM
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	Stanton Avenue Southbound				Whitaker Street Westbound				Stanton Avenue Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:15 AM				07:30 AM				07:45 AM				08:00 AM				
+0 mins.	8	98	1	107	35	0	9	44	2	113	26	141	1	0	0	1	
+15 mins.	13	120	0	133	39	0	6	45	2	116	29	147	0	0	1	1	
+30 mins.	11	127	1	139	27	0	6	33	2	103	23	128	1	0	4	5	
+45 mins.	14	109	1	124	49	1	6	56	0	119	13	132	1	1	1	3	
Total Volume	46	454	3	503	150	1	27	178	6	451	91	548	3	1	6	10	
% App. Total	9.1	90.3	0.6		84.3	0.6	15.2		1.1	82.3	16.6		30	10	60		
PHF	.821	.894	.750	.905	.765	.250	.750	.795	.750	.947	.784	.932	.750	.250	.375	.500	

City of Buena Park
N/S: Stanton Avenue
E/W: Whitaker Street
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File Name : 02_BPK_Stan_Whit AM
Site Code : 04224715
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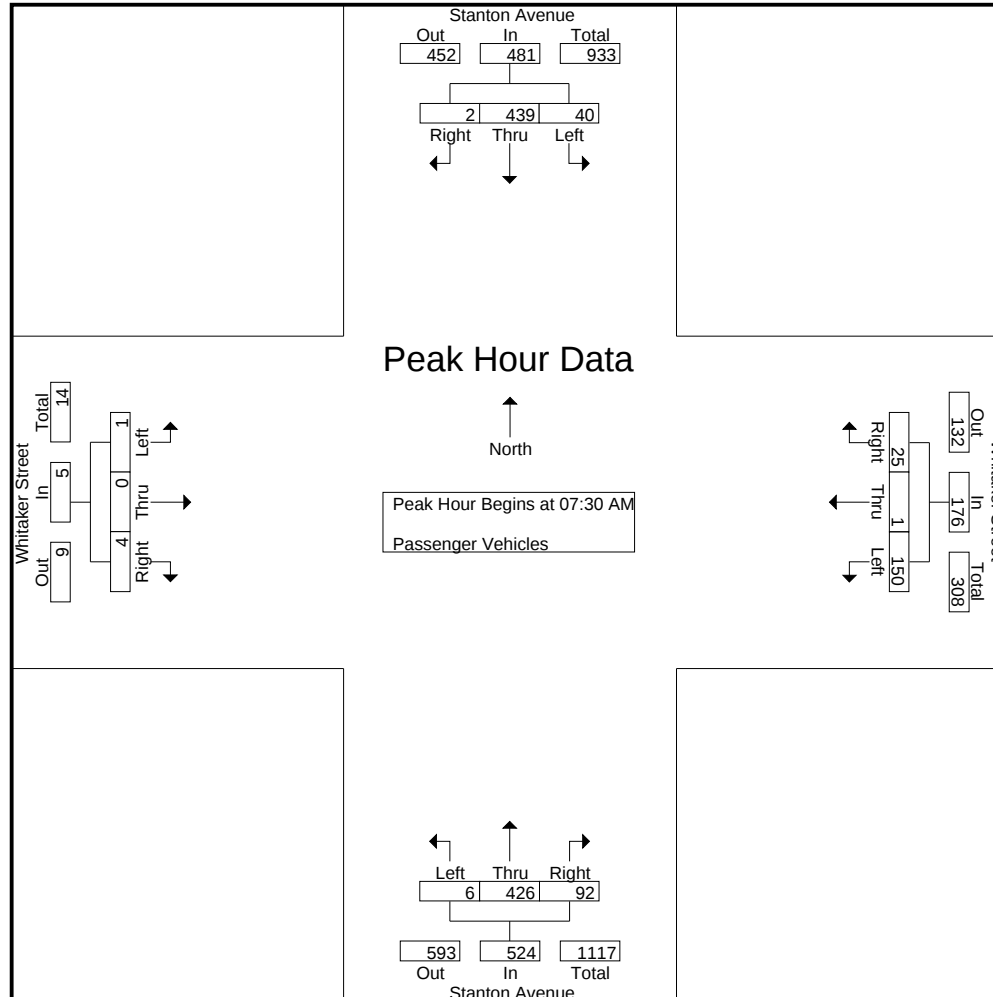
Groups Printed- Passenger Vehicles

	Stanton Avenue Southbound				Whitaker Street Westbound				Stanton Avenue Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	74	0	74	25	1	1	27	1	76	9	86	0	0	0	0	187
07:15 AM	7	96	1	104	27	0	1	28	1	74	13	88	0	0	2	2	222
07:30 AM	12	119	0	131	35	0	9	44	0	104	14	118	0	0	2	2	295
07:45 AM	11	126	1	138	39	0	5	44	2	109	26	137	0	0	1	1	320
Total	30	415	2	447	126	1	16	143	4	363	62	429	0	0	5	5	1024
08:00 AM	14	106	1	121	27	0	6	33	2	113	29	144	1	0	0	1	299
08:15 AM	3	88	0	91	49	1	5	55	2	100	23	125	0	0	1	1	272
08:30 AM	5	97	2	104	31	1	7	39	0	116	13	129	1	0	3	4	276
08:45 AM	5	93	1	99	20	0	6	26	3	106	25	134	1	1	1	3	262
Total	27	384	4	415	127	2	24	153	7	435	90	532	3	1	5	9	1109
Grand Total	57	799	6	862	253	3	40	296	11	798	152	961	3	1	10	14	2133
Apprch %	6.6	92.7	0.7		85.5	1	13.5		1.1	83	15.8		21.4	7.1	71.4		
Total %	2.7	37.5	0.3	40.4	11.9	0.1	1.9	13.9	0.5	37.4	7.1	45.1	0.1	0	0.5	0.7	

	Stanton Avenue Southbound				Whitaker Street Westbound				Stanton Avenue Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. 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	12	119	0	131	35	0	9	44	0	104	14	118	0	0	2	2	295
07:45 AM	11	126	1	138	39	0	5	44	2	109	26	137	0	0	1	1	320
08:00 AM	14	106	1	121	27	0	6	33	2	113	29	144	1	0	0	1	299
08:15 AM	3	88	0	91	49	1	5	55	2	100	23	125	0	0	1	1	272
Total Volume	40	439	2	481	150	1	25	176	6	426	92	524	1	0	4	5	1186
% App. Total	8.3	91.3	0.4		85.2	0.6	14.2		1.1	81.3	17.6		20	0	80		
PHF	.714	.871	.500	.871	.765	.250	.694	.800	.750	.942	.793	.910	.250	.000	.500	.625	.927

City of Buena Park
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E/W: Whitaker Street
Weather: Clear

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City of Buena Park
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	Stanton Avenue Southbound				Whitaker Street Westbound				Stanton Avenue Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
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.	12	119	0	131	35	0	9	44	0	104	14	118	0	0	2	2	
+15 mins.	11	126	1	138	39	0	5	44	2	109	26	137	0	0	1	1	
+30 mins.	14	106	1	121	27	0	6	33	2	113	29	144	1	0	0	1	
+45 mins.	3	88	0	91	49	1	5	55	2	100	23	125	0	0	1	1	
Total Volume	40	439	2	481	150	1	25	176	6	426	92	524	1	0	4	5	
% App. Total	8.3	91.3	0.4		85.2	0.6	14.2		1.1	81.3	17.6		20	0	80		
PHF	.714	.871	.500	.871	.765	.250	.694	.800	.750	.942	.793	.910	.250	.000	.500	.625	

City of Buena Park
N/S: Stanton Avenue
E/W: Whitaker Street
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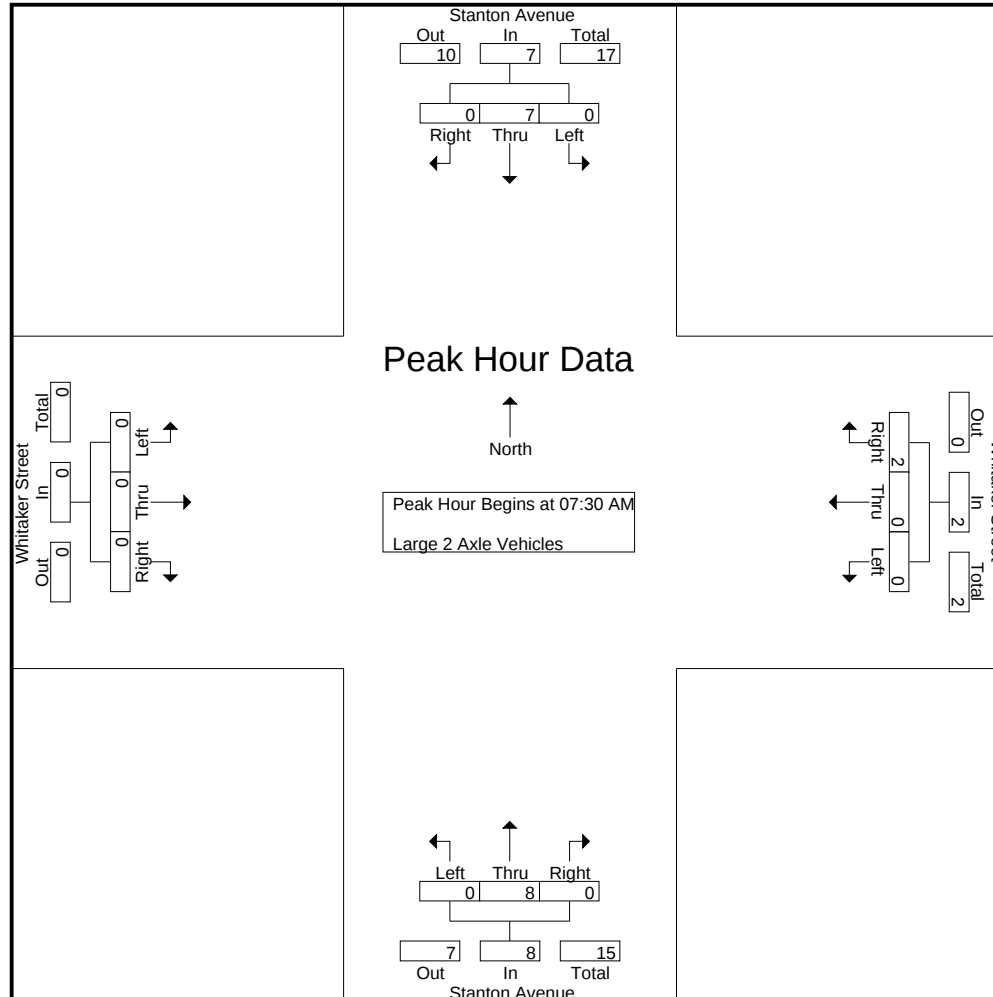
Groups Printed- Large 2 Axle Vehicles

	Stanton Avenue Southbound				Whitaker Street Westbound				Stanton Avenue Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	2	2	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4
07:15 AM	1	2	0	3	1	0	0	1	0	1	2	3	0	0	0	0	7
07:30 AM	0	1	0	1	0	0	0	0	0	2	0	2	0	0	0	0	3
07:45 AM	0	1	0	1	0	0	1	1	0	3	0	3	0	0	0	0	5
Total	3	6	0	9	1	0	1	2	0	6	2	8	0	0	0	0	19
08:00 AM	0	3	0	3	0	0	0	0	0	1	0	1	0	0	0	0	4
08:15 AM	0	2	0	2	0	0	1	1	0	2	0	2	0	0	0	0	5
08:30 AM	0	0	0	0	0	0	0	0	0	3	0	3	0	0	1	1	4
08:45 AM	0	2	0	2	1	0	0	1	0	0	2	2	0	0	0	0	5
Total	0	7	0	7	1	0	1	2	0	6	2	8	0	0	1	1	18
Grand Total	3	13	0	16	2	0	2	4	0	12	4	16	0	0	1	1	37
Apprch %	18.8	81.2	0		50	0	50		0	75	25		0	0	100		
Total %	8.1	35.1	0	43.2	5.4	0	5.4	10.8	0	32.4	10.8	43.2	0	0	2.7	2.7	

	Stanton Avenue Southbound				Whitaker Street Westbound				Stanton Avenue Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. 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	0	0	0	0	2	0	2	0	0	0	0	3
07:45 AM	0	1	0	1	0	0	1	1	0	3	0	3	0	0	0	0	5
08:00 AM	0	3	0	3	0	0	0	0	0	1	0	1	0	0	0	0	4
08:15 AM	0	2	0	2	0	0	1	1	0	2	0	2	0	0	0	0	5
Total Volume	0	7	0	7	0	0	2	2	0	8	0	8	0	0	0	0	17
% App. Total	0	100	0		0	0	100		0	100	0		0	0	0		
PHF	.000	.583	.000	.583	.000	.000	.500	.500	.000	.667	.000	.667	.000	.000	.000	.000	.850

City of Buena Park
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	Stanton Avenue Southbound				Whitaker Street Westbound				Stanton Avenue Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
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	0	0	0	0	2	0	2	0	0	0	0	
+15 mins.	0	1	0	1	0	0	1	1	0	3	0	3	0	0	0	0	
+30 mins.	0	3	0	3	0	0	0	0	0	1	0	1	0	0	0	0	
+45 mins.	0	2	0	2	0	0	1	1	0	2	0	2	0	0	0	0	
Total Volume	0	7	0	7	0	0	2	2	0	8	0	8	0	0	0	0	
% App. Total	0	100	0		0	0	100		0	100	0		0	0	0		
PHF	.000	.583	.000	.583	.000	.000	.500	.500	.000	.667	.000	.667	.000	.000	.000	.000	

City of Buena Park
N/S: Stanton Avenue
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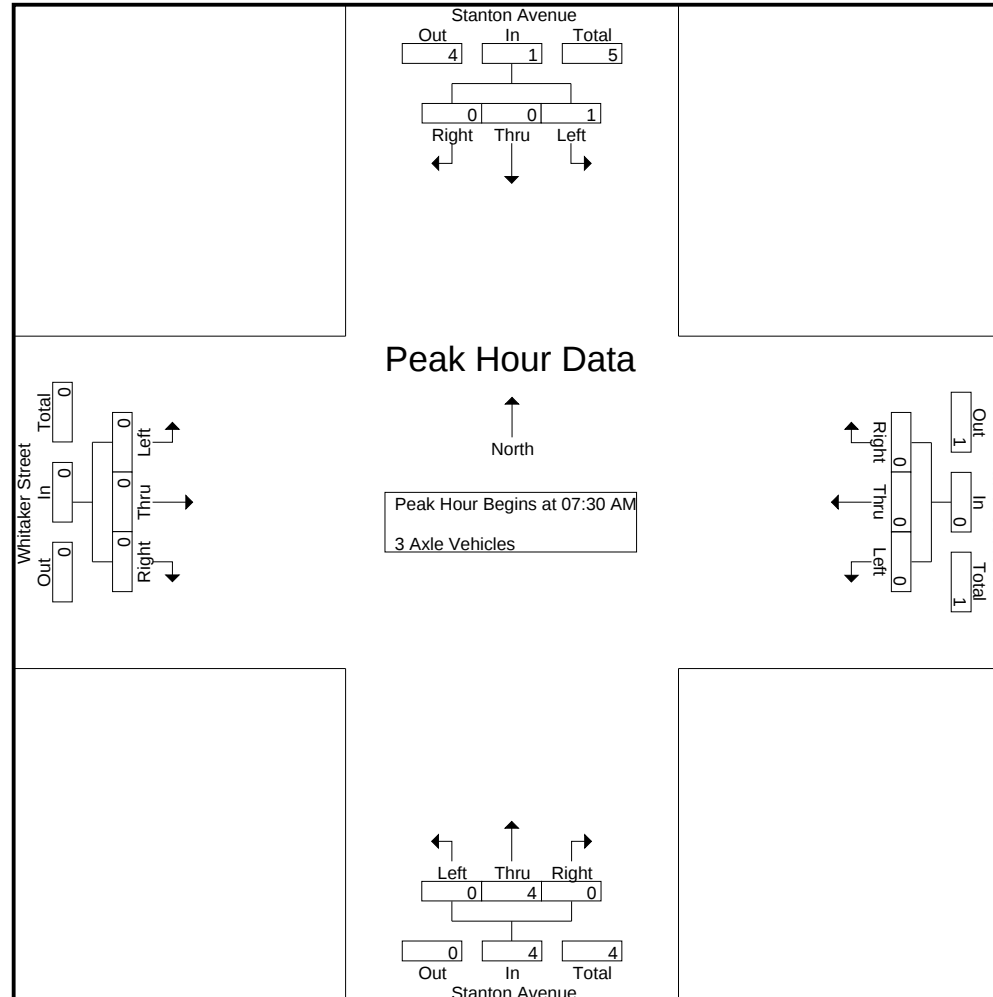
Groups Printed- 3 Axle Vehicles

	Stanton Avenue Southbound				Whitaker Street Westbound				Stanton Avenue Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	1	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	2
07:45 AM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
Total	1	0	0	1	0	0	0	0	0	3	0	3	0	0	0	0	4
08:00 AM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
08:15 AM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45 AM	0	2	0	2	0	0	0	0	0	1	0	1	0	0	0	0	3
Total	0	2	0	2	0	0	0	0	0	3	0	3	0	0	0	0	5
Grand Total	1	2	0	3	0	0	0	0	0	6	0	6	0	0	0	0	9
Apprch %	33.3	66.7	0		0	0	0		0	100	0		0	0	0		
Total %	11.1	22.2	0	33.3	0	0	0	0	0	66.7	0	66.7	0	0	0	0	

	Stanton Avenue Southbound				Whitaker Street Westbound				Stanton Avenue Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. 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	1	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	2
07:45 AM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
08:00 AM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
08:15 AM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
Total Volume	1	0	0	1	0	0	0	0	0	4	0	4	0	0	0	0	5
% App. Total	100	0	0		0	0	0		0	100	0		0	0	0		
PHF	.250	.000	.000	.250	.000	.000	.000	.000	.000	1.00	.000	1.00	.000	.000	.000	.000	.625

City of Buena Park
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City of Buena Park
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	Stanton Avenue Southbound				Whitaker Street Westbound				Stanton Avenue Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
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.	1	0	0	1	0	0	0	0	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	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	
+45 mins.	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	
Total Volume	1	0	0	1	0	0	0	0	0	4	0	4	0	0	0	0	
% App. Total	100	0	0		0	0	0		0	100	0		0	0	0		
PHF	.250	.000	.000	.250	.000	.000	.000	.000	.000	1.000	.000	1.000	.000	.000	.000	.000	

City of Buena Park
N/S: Stanton Avenue
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Start Date : 8/21/2024
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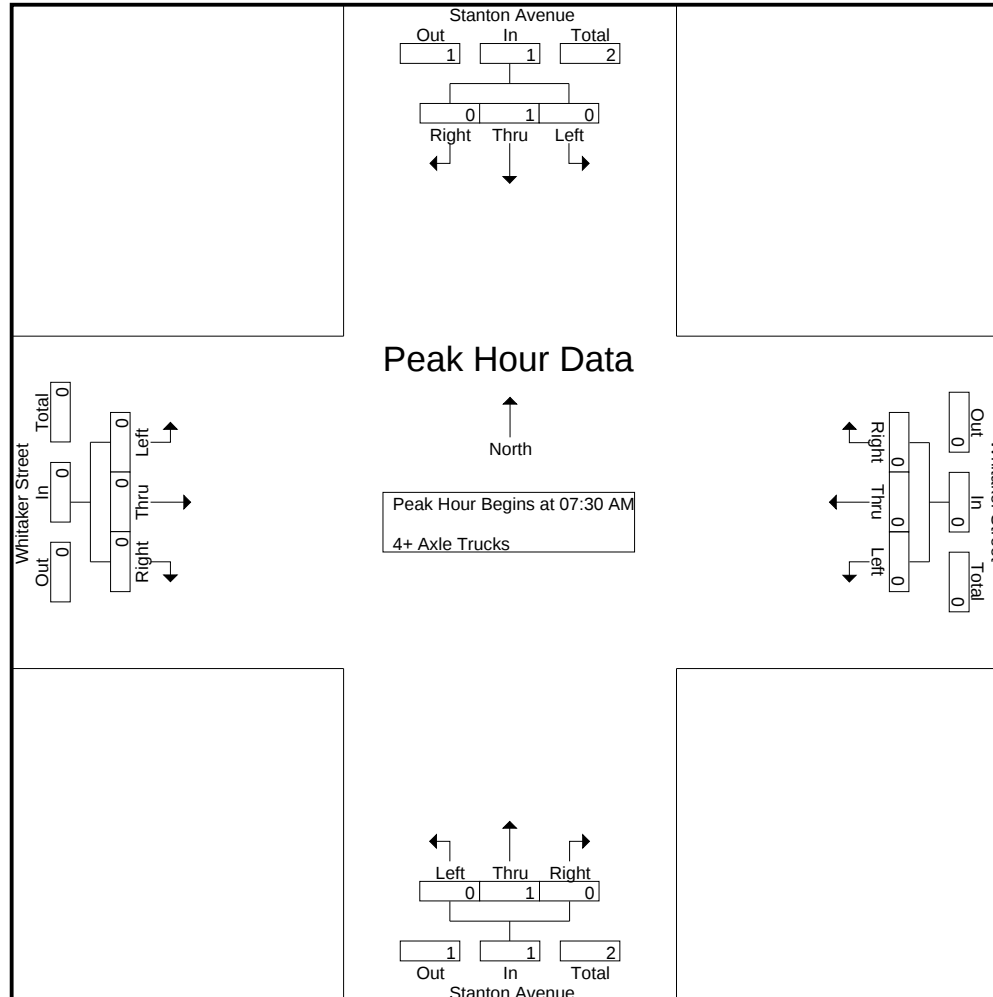
Groups Printed- 4+ Axle Trucks

	Stanton Avenue Southbound				Whitaker Street Westbound				Stanton Avenue Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	0	0	0	1	0	0	1	0	1	0	1	0	0	0	0	2
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	1	0	0	1	0	1	0	1	0	0	0	0	2
08:00 AM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
08:15 AM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45 AM	0	0	0	0	1	0	0	1	0	1	0	1	0	0	0	0	2
Total	0	1	0	1	1	0	0	1	0	2	0	2	0	0	0	0	4
Grand Total	0	1	0	1	2	0	0	2	0	3	0	3	0	0	0	0	6
Apprch %	0	100	0		100	0	0		0	100	0		0	0	0		
Total %	0	16.7	0	16.7	33.3	0	0	33.3	0	50	0	50	0	0	0	0	

	Stanton Avenue Southbound				Whitaker Street Westbound				Stanton Avenue Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. 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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00 AM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
08:15 AM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Total Volume	0	1	0	1	0	0	0	0	0	1	0	1	0	0	0	0	2
% App. Total	0	100	0		0	0	0		0	100	0		0	0	0		
PHF	.000	.250	.000	.250	.000	.000	.000	.000	.000	.250	.000	.250	.000	.000	.000	.000	.500

City of Buena Park
N/S: Stanton Avenue
E/W: Whitaker Street
Weather: Clear

File Name : 02_BPK_Stan_Whit AM
Site Code : 04224715
Start Date : 8/21/2024
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City of Buena Park
N/S: Stanton Avenue
E/W: Whitaker Street
Weather: Clear

File Name : 02_BPK_Stan_Whit AM
Site Code : 04224715
Start Date : 8/21/2024
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	Stanton Avenue Southbound				Whitaker Street Westbound				Stanton Avenue Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
+45 mins.	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	1	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0
% App. Total	0	100	0		0	0	0		0	100	0		0	0	0		
PHF	.000	.250	.000	.250	.000	.000	.000	.000	.000	.250	.000	.250	.000	.000	.000	.000	.000

City of Buena Park
N/S: Stanton Avenue
E/W: Whitaker Street
Weather: Clear

File Name : 02_BPK_Stan_Whit PM
Site Code : 04224715
Start Date : 8/21/2024
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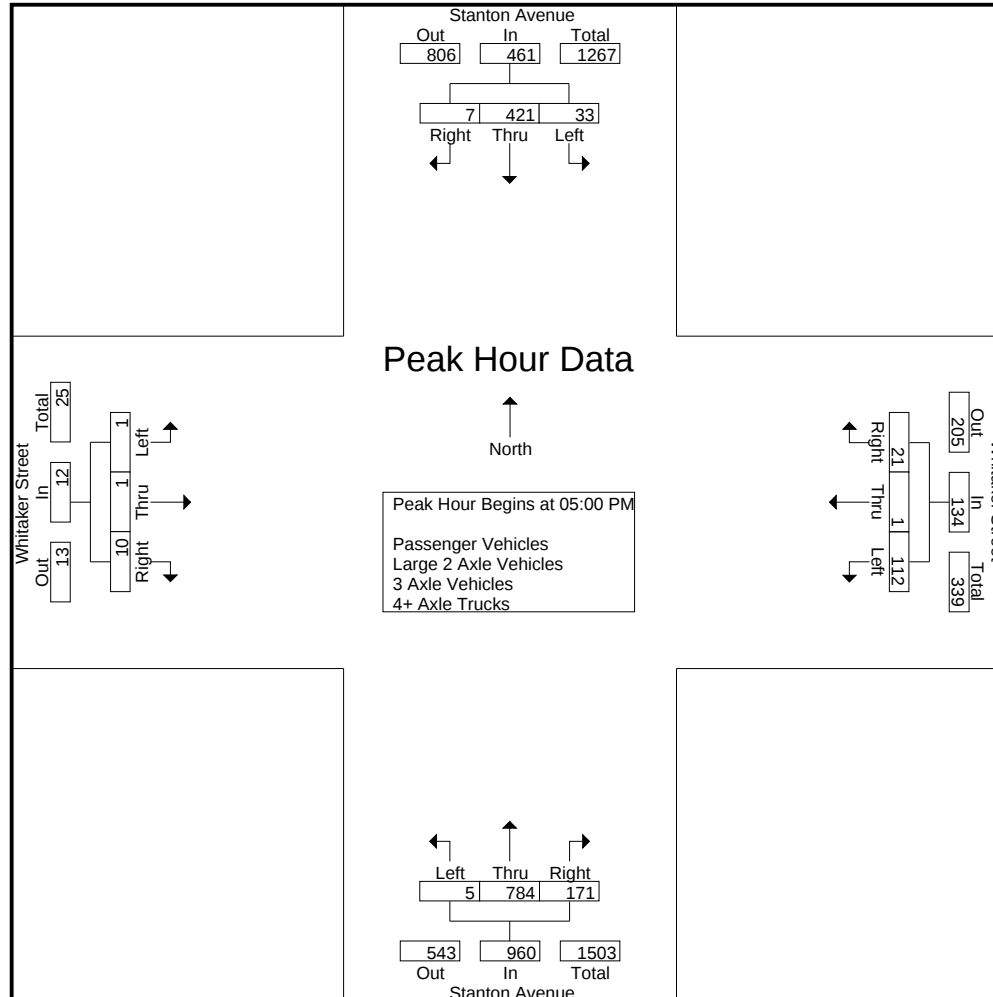
Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

	Stanton Avenue Southbound				Whitaker Street Westbound				Stanton Avenue Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	6	102	0	108	26	0	10	36	1	171	41	213	0	0	0	0	357
04:15 PM	3	88	0	91	14	0	6	20	0	178	34	212	0	0	0	0	323
04:30 PM	5	86	2	93	39	0	5	44	0	167	34	201	0	1	0	1	339
04:45 PM	3	99	1	103	27	0	8	35	0	179	38	217	0	0	2	2	357
Total	17	375	3	395	106	0	29	135	1	695	147	843	0	1	2	3	1376
05:00 PM	8	102	3	113	29	0	2	31	0	212	40	252	1	0	5	6	402
05:15 PM	3	108	0	111	26	1	7	34	1	190	49	240	0	1	0	1	386
05:30 PM	12	108	1	121	31	0	7	38	3	197	40	240	0	0	1	1	400
05:45 PM	10	103	3	116	26	0	5	31	1	185	42	228	0	0	4	4	379
Total	33	421	7	461	112	1	21	134	5	784	171	960	1	1	10	12	1567
Grand Total	50	796	10	856	218	1	50	269	6	1479	318	1803	1	2	12	15	2943
Apprch %	5.8	93	1.2		81	0.4	18.6		0.3	82	17.6		6.7	13.3	80		
Total %	1.7	27	0.3	29.1	7.4	0	1.7	9.1	0.2	50.3	10.8	61.3	0	0.1	0.4	0.5	
Passenger Vehicles	50	791	10	851	216	1	49	266	6	1467	318	1791	1	2	12	15	2923
% Passenger Vehicles	100	99.4	100	99.4	99.1	100	98	98.9	100	99.2	100	99.3	100	100	100	100	99.3
Large 2 Axle Vehicles	0	2	0	2	1	0	1	2	0	6	0	6	0	0	0	0	10
% Large 2 Axle Vehicles	0	0.3	0	0.2	0.5	0	2	0.7	0	0.4	0	0.3	0	0	0	0	0.3
3 Axle Vehicles	0	1	0	1	0	0	0	0	0	2	0	2	0	0	0	0	3
% 3 Axle Vehicles	0	0.1	0	0.1	0	0	0	0	0	0.1	0	0.1	0	0	0	0	0.1
4+ Axle Trucks	0	2	0	2	1	0	0	1	0	4	0	4	0	0	0	0	7
% 4+ Axle Trucks	0	0.3	0	0.2	0.5	0	0	0.4	0	0.3	0	0.2	0	0	0	0	0.2

	Stanton Avenue Southbound				Whitaker Street Westbound				Stanton Avenue Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	8	102	3	113	29	0	2	31	0	212	40	252	1	0	5	6	402
05:15 PM	3	108	0	111	26	1	7	34	1	190	49	240	0	1	0	1	386
05:30 PM	12	108	1	121	31	0	7	38	3	197	40	240	0	0	1	1	400
05:45 PM	10	103	3	116	26	0	5	31	1	185	42	228	0	0	4	4	379
Total Volume	33	421	7	461	112	1	21	134	5	784	171	960	1	1	10	12	1567
% App. Total	7.2	91.3	1.5		83.6	0.7	15.7		0.5	81.7	17.8		8.3	8.3	83.3		
PHF	.688	.975	.583	.952	.903	.250	.750	.882	.417	.925	.872	.952	.250	.250	.500	.500	.975

City of Buena Park
N/S: Stanton Avenue
E/W: Whitaker Street
Weather: Clear

File Name : 02_BPK_Stan_Whit PM
Site Code : 04224715
Start Date : 8/21/2024
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City of Buena Park
N/S: Stanton Avenue
E/W: Whitaker Street
Weather: Clear

File Name : 02_BPK_Stan_Whit PM
Site Code : 04224715
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	Stanton Avenue Southbound				Whitaker Street Westbound				Stanton Avenue Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	05:00 PM				04:30 PM				05:00 PM				05:00 PM			
+0 mins.	8	102	3	113	39	0	5	44	0	212	40	252	1	0	5	6
+15 mins.	3	108	0	111	27	0	8	35	1	190	49	240	0	1	0	1
+30 mins.	12	108	1	121	29	0	2	31	3	197	40	240	0	0	1	1
+45 mins.	10	103	3	116	26	1	7	34	1	185	42	228	0	0	4	4
Total Volume	33	421	7	461	121	1	22	144	5	784	171	960	1	1	10	12
% App. Total	7.2	91.3	1.5		84	0.7	15.3		0.5	81.7	17.8		8.3	8.3	83.3	
PHF	.688	.975	.583	.952	.776	.250	.688	.818	.417	.925	.872	.952	.250	.250	.500	.500

City of Buena Park
N/S: Stanton Avenue
E/W: Whitaker Street
Weather: Clear

File Name : 02_BPK_Stan_Whit PM
Site Code : 04224715
Start Date : 8/21/2024
Page No : 1

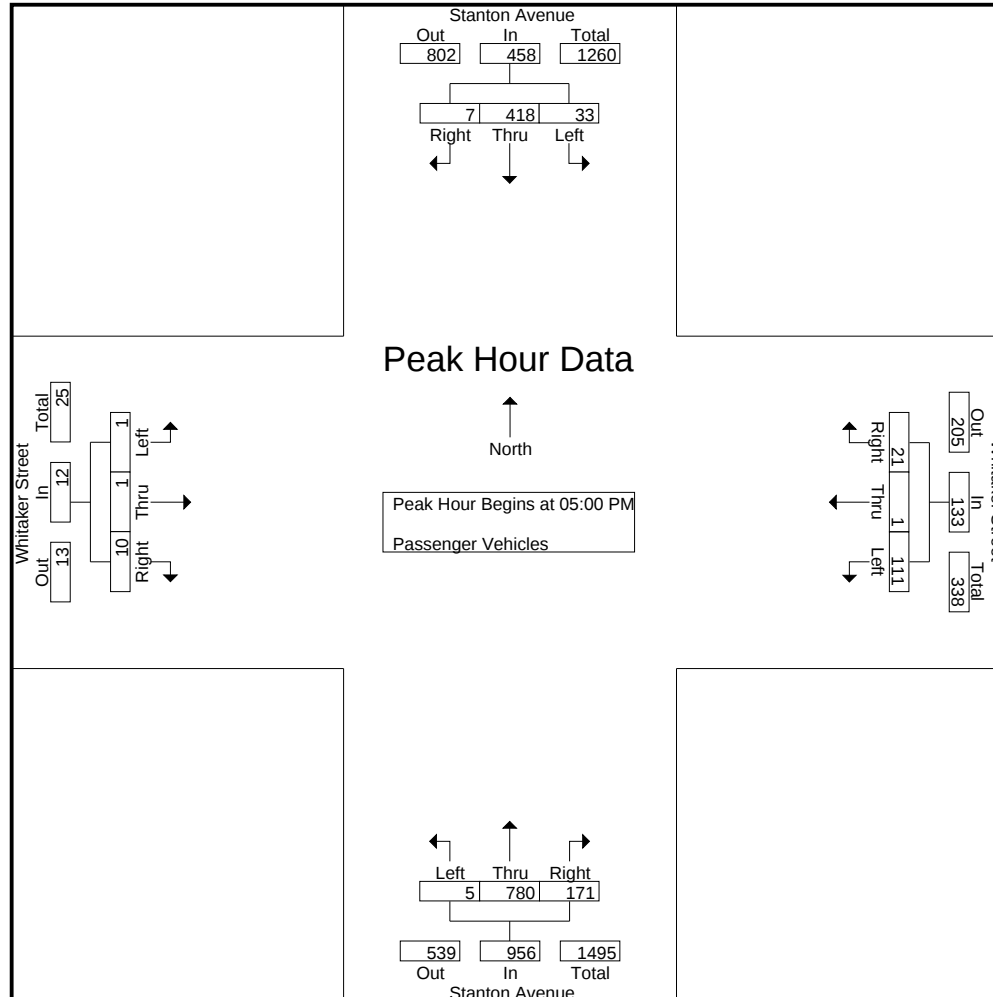
Groups Printed- Passenger Vehicles

	Stanton Avenue Southbound				Whitaker Street Westbound				Stanton Avenue Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	6	100	0	106	26	0	9	35	1	169	41	211	0	0	0	0	352
04:15 PM	3	88	0	91	14	0	6	20	0	176	34	210	0	0	0	0	321
04:30 PM	5	86	2	93	38	0	5	43	0	166	34	200	0	1	0	1	337
04:45 PM	3	99	1	103	27	0	8	35	0	176	38	214	0	0	2	2	354
Total	17	373	3	393	105	0	28	133	1	687	147	835	0	1	2	3	1364
05:00 PM	8	101	3	112	28	0	2	30	0	210	40	250	1	0	5	6	398
05:15 PM	3	107	0	110	26	1	7	34	1	188	49	238	0	1	0	1	383
05:30 PM	12	107	1	120	31	0	7	38	3	197	40	240	0	0	1	1	399
05:45 PM	10	103	3	116	26	0	5	31	1	185	42	228	0	0	4	4	379
Total	33	418	7	458	111	1	21	133	5	780	171	956	1	1	10	12	1559
Grand Total	50	791	10	851	216	1	49	266	6	1467	318	1791	1	2	12	15	2923
Apprch %	5.9	92.9	1.2		81.2	0.4	18.4		0.3	81.9	17.8		6.7	13.3	80		
Total %	1.7	27.1	0.3	29.1	7.4	0	1.7	9.1	0.2	50.2	10.9	61.3	0	0.1	0.4	0.5	

	Stanton Avenue Southbound				Whitaker Street Westbound				Stanton Avenue Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. 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	8	101	3	112	28	0	2	30	0	210	40	250	1	0	5	6	398
05:15 PM	3	107	0	110	26	1	7	34	1	188	49	238	0	1	0	1	383
05:30 PM	12	107	1	120	31	0	7	38	3	197	40	240	0	0	1	1	399
05:45 PM	10	103	3	116	26	0	5	31	1	185	42	228	0	0	4	4	379
Total Volume	33	418	7	458	111	1	21	133	5	780	171	956	1	1	10	12	1559
% App. Total	7.2	91.3	1.5		83.5	0.8	15.8		0.5	81.6	17.9		8.3	8.3	83.3		
PHF	.688	.977	.583	.954	.895	.250	.750	.875	.417	.929	.872	.956	.250	.250	.500	.500	.977

City of Buena Park
N/S: Stanton Avenue
E/W: Whitaker Street
Weather: Clear

File Name : 02_BPK_Stan_Whit PM
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City of Buena Park
N/S: Stanton Avenue
E/W: Whitaker Street
Weather: Clear

File Name : 02_BPK_Stan_Whit PM
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	Stanton Avenue Southbound				Whitaker Street Westbound				Stanton Avenue Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
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.	8	101	3	112	28	0	2	30	0	210	40	250	1	0	5	6	
+15 mins.	3	107	0	110	26	1	7	34	1	188	49	238	0	1	0	1	
+30 mins.	12	107	1	120	31	0	7	38	3	197	40	240	0	0	1	1	
+45 mins.	10	103	3	116	26	0	5	31	1	185	42	228	0	0	4	4	
Total Volume	33	418	7	458	111	1	21	133	5	780	171	956	1	1	10	12	
% App. Total	7.2	91.3	1.5		83.5	0.8	15.8		0.5	81.6	17.9		8.3	8.3	83.3		
PHF	.688	.977	.583	.954	.895	.250	.750	.875	.417	.929	.872	.956	.250	.250	.500	.500	

City of Buena Park
N/S: Stanton Avenue
E/W: Whitaker Street
Weather: Clear

File Name : 02_BPK_Stan_Whit PM
Site Code : 04224715
Start Date : 8/21/2024
Page No : 1

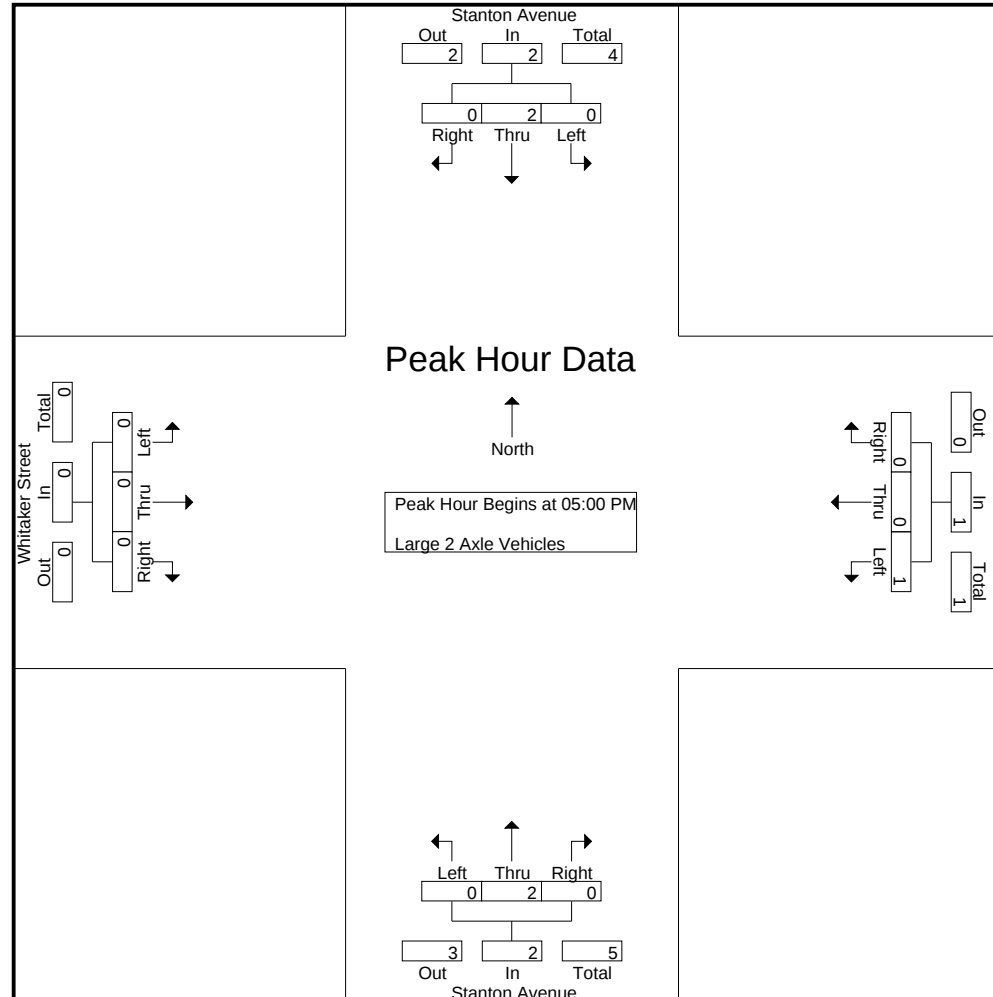
Groups Printed- Large 2 Axle Vehicles

	Stanton Avenue Southbound				Whitaker Street Westbound				Stanton Avenue Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1
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	1	0	1	0	0	0	0	1
04:45 PM	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	2
Total	0	0	0	0	0	0	1	1	0	4	0	4	0	0	0	0	5
05:00 PM	0	0	0	0	1	0	0	1	0	1	0	1	0	0	0	0	2
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	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	2	0	2	1	0	0	1	0	2	0	2	0	0	0	0	5
Grand Total	0	2	0	2	1	0	1	2	0	6	0	6	0	0	0	0	10
Apprch %	0	100	0		50	0	50		0	100	0		0	0	0		
Total %	0	20	0	20	10	0	10	20	0	60	0	60	0	0	0	0	

	Stanton Avenue Southbound				Whitaker Street Westbound				Stanton Avenue Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. 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	1	0	0	1	0	1	0	1	0	0	0	0	2
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	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	2	0	2	1	0	0	1	0	2	0	2	0	0	0	0	5
% App. Total	0	100	0		100	0	0		0	100	0		0	0	0		
PHF	.000	.500	.000	.500	.250	.000	.000	.250	.000	.500	.000	.500	.000	.000	.000	.000	.625

City of Buena Park
N/S: Stanton Avenue
E/W: Whitaker Street
Weather: Clear

File Name : 02_BPK_Stan_Whit PM
Site Code : 04224715
Start Date : 8/21/2024
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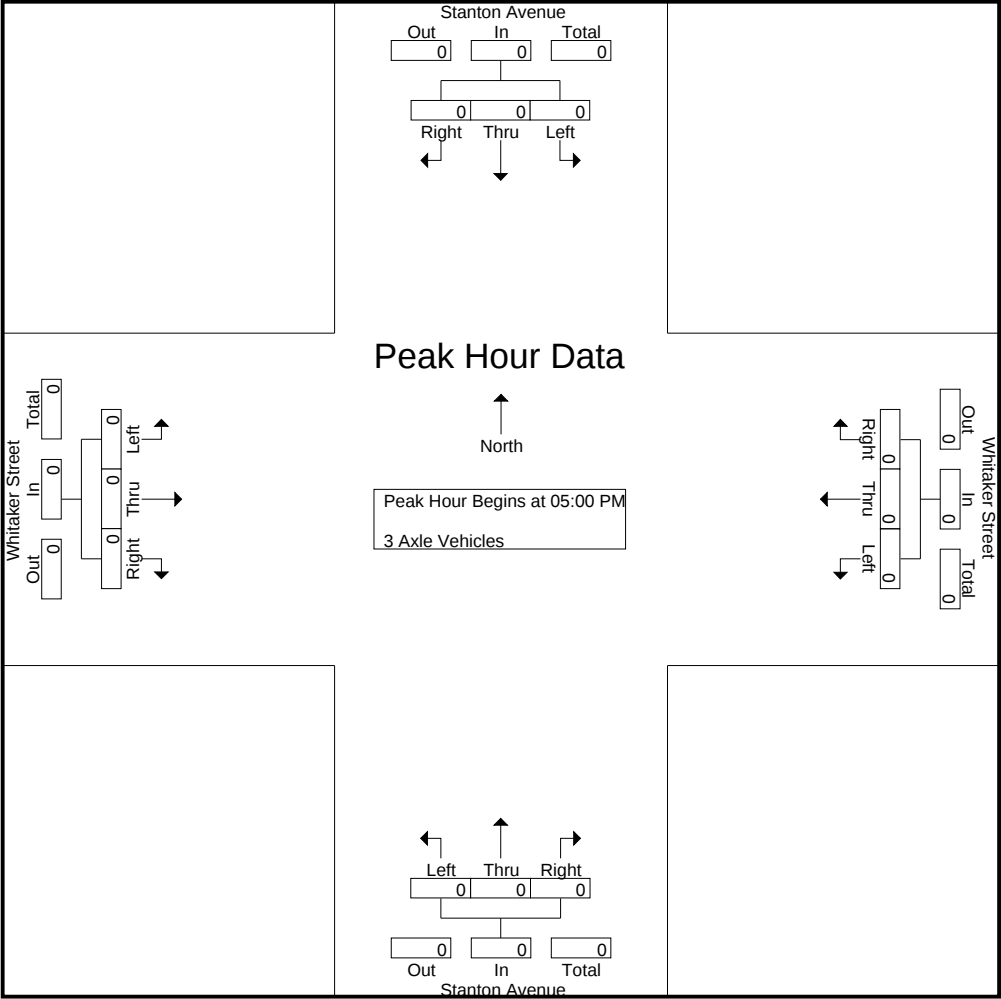
City of Buena Park
N/S: Stanton Avenue
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File Name : 02_BPK_Stan_Whit PM
Site Code : 04224715
Start Date : 8/21/2024
Page No : 3

	Stanton Avenue Southbound				Whitaker Street Westbound				Stanton Avenue Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
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	1	0	0	1	0	1	0	1	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	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total Volume	0	2	0	2	1	0	0	1	0	2	0	2	0	0	0	0	
% App. Total	0	100	0		100	0	0		0	100	0		0	0	0		
PHF	.000	.500	.000	.500	.250	.000	.000	.250	.000	.500	.000	.500	.000	.000	.000	.000	

City of Buena Park
N/S: Stanton Avenue
E/W: Whitaker Street
Weather: Clear

File Name : 02_BPK_Stan_Whit PM
Site Code : 04224715
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Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Buena Park
N/S: Stanton Avenue
E/W: Whitaker Street
Weather: Clear

File Name : 02_BPK_Stan_Whit PM
Site Code : 04224715
Start Date : 8/21/2024
Page No : 3

[illegible]

City of Buena Park
N/S: Stanton Avenue
E/W: Whitaker Street
Weather: Clear

File Name : 02_BPK_Stan_Whit PM
Site Code : 04224715
Start Date : 8/21/2024
Page No : 1

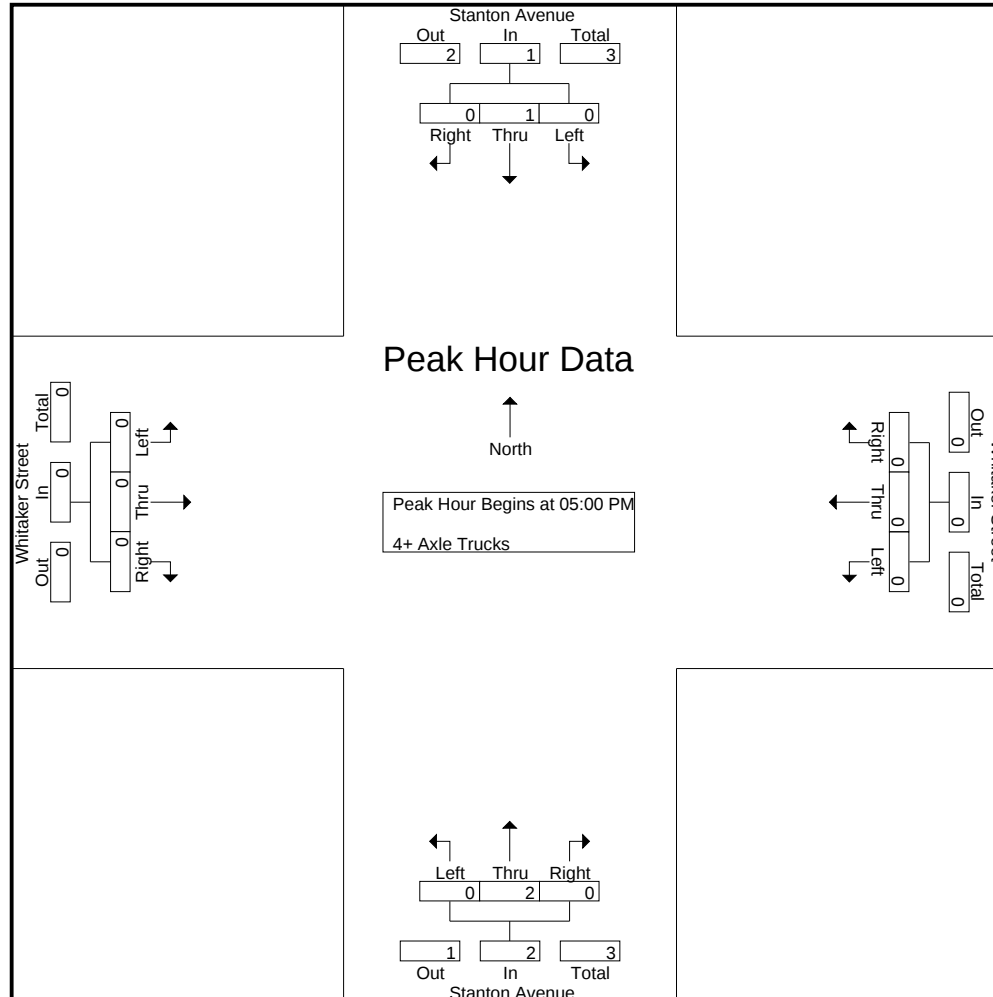
Groups Printed- 4+ Axle Trucks

	Stanton Avenue Southbound				Whitaker Street Westbound				Stanton Avenue Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	1	0	1	0	0	0	0	0	1	0	1	0	0	0	0	2
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	1	0	0	1	0	0	0	0	0	0	0	0	1
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	1	0	1	1	0	0	1	0	2	0	2	0	0	0	0	4
05:00 PM	0	1	0	1	0	0	0	0	0	1	0	1	0	0	0	0	2
05:15 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	1	0	1	0	0	0	0	0	2	0	2	0	0	0	0	3
Grand Total	0	2	0	2	1	0	0	1	0	4	0	4	0	0	0	0	7
Apprch %	0	100	0		100	0	0		0	100	0		0	0	0		
Total %	0	28.6	0	28.6	14.3	0	0	14.3	0	57.1	0	57.1	0	0	0	0	

	Stanton Avenue Southbound				Whitaker Street Westbound				Stanton Avenue Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. 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	1	0	1	0	0	0	0	2
05:15 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	1	0	1	0	0	0	0	0	2	0	2	0	0	0	0	3
% App. Total	0	100	0		0	0	0		0	100	0		0	0	0		
PHF	.000	.250	.000	.250	.000	.000	.000	.000	.000	.500	.000	.500	.000	.000	.000	.000	.375

City of Buena Park
N/S: Stanton Avenue
E/W: Whitaker Street
Weather: Clear

File Name : 02_BPK_Stan_Whit PM
Site Code : 04224715
Start Date : 8/21/2024
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City of Buena Park
N/S: Stanton Avenue
E/W: Whitaker Street
Weather: Clear

File Name : 02_BPK_Stan_Whit PM
Site Code : 04224715
Start Date : 8/21/2024
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	Stanton Avenue Southbound				Whitaker Street Westbound				Stanton Avenue Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
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	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total Volume	0	1	0	1	0	0	0	0	0	2	0	2	0	0	0	0	
% App. Total	0	100	0		0	0	0		0	100	0		0	0	0		
PHF	.000	.250	.000	.250	.000	.000	.000	.000	.000	.500	.000	.500	.000	.000	.000	.000	

Location: Buena Park
 N/S: Stanton Avenue
 E/W: Whitaker Street



Date: 8/21/2024
 Day: Wednesday

PEDESTRIANS

		North Leg Stanton Avenue	East Leg Whitaker Street	South Leg Stanton Avenue	West Leg Whitaker Street	
		Pedestrians	Pedestrians	Pedestrians	Pedestrians	
	7:00 AM	0	2	0	1	3
	7:15 AM	0	0	1	0	1
	7:30 AM	0	0	1	4	5
	7:45 AM	0	0	0	1	1
	8:00 AM	0	3	0	1	4
	8:15 AM	0	0	1	1	2
	8:30 AM	0	1	0	0	1
	8:45 AM	0	1	0	2	3
	TOTAL VOLUMES:	0	7	3	10	20

		North Leg Stanton Avenue	East Leg Whitaker Street	South Leg Stanton Avenue	West Leg Whitaker Street	
		Pedestrians	Pedestrians	Pedestrians	Pedestrians	
	4:00 PM	1	0	2	2	5
	4:15 PM	0	0	0	0	0
	4:30 PM	2	3	0	0	5
	4:45 PM	2	4	2	2	10
	5:00 PM	0	2	0	3	5
	5:15 PM	0	0	2	0	2
	5:30 PM	1	1	0	1	3
	5:45 PM	0	0	2	4	6
	TOTAL VOLUMES:	6	10	8	12	36

Location: Buena Park
 N/S: Stanton Avenue
 E/W: Whitaker Street



Date: 8/21/2024
 Day: Wednesday

BICYCLES

		Southbound Stanton Avenue			Westbound Whitaker Street			Northbound Stanton Avenue			Eastbound Whitaker Street			
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
	7:00 AM	0	1	0	1	0	0	0	0	0	0	0	0	2
	7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	7:30 AM	0	0	0	0	0	1	0	0	1	0	0	0	2
	7:45 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
	8:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	1
	8:15 AM	0	1	0	0	0	0	0	2	0	0	0	0	3
	8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:45 AM	0	1	0	1	0	0	0	0	0	0	0	0	2
TOTAL VOLUMES:		0	4	0	2	0	1	0	3	1	0	0	0	11

		Southbound Stanton Avenue			Westbound Whitaker Street			Northbound Stanton Avenue			Eastbound Whitaker Street			
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
	4:00 PM	1	0	0	0	0	0	0	0	0	0	0	0	1
	4:15 PM	0	1	0	0	0	0	0	1	1	1	0	0	4
	4:30 PM	0	1	0	0	0	0	1	2	0	0	0	0	4
	4:45 PM	0	1	0	1	0	0	0	0	0	0	1	0	3
	5:00 PM	1	2	1	0	0	0	0	1	1	0	0	0	6
	5:15 PM	0	0	0	1	0	0	0	0	0	0	0	0	1
	5:30 PM	0	1	0	0	0	0	0	1	1	0	0	0	3
	5:45 PM	0	0	0	1	1	0	0	0	1	0	0	0	3
TOTAL VOLUMES:		2	6	1	3	1	0	1	5	4	1	1	0	25

City of Buena Park
N/S: Stanton Avenue
E/W: Whitaker Street
Weather: Clear

File Name : 02_BPK_Stan_Whit AM
Site Code : 04224715
Start Date : 9/17/2024
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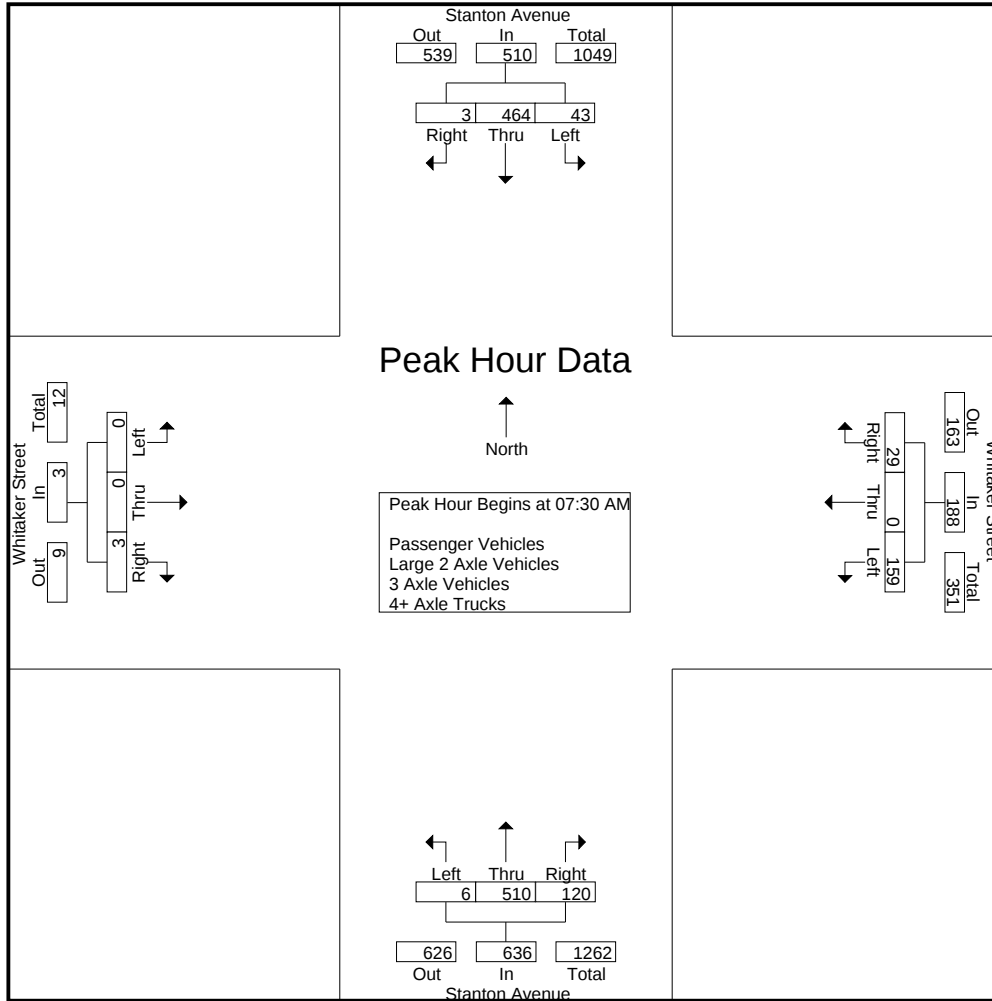
Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

	Stanton Avenue Southbound				Whitaker Street Westbound				Stanton Avenue Northbound				Whitaker Street Eastbound				Int. Total
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	2	81	1	84	25	0	3	28	1	71	10	82	0	0	0	0	194
07:15 AM	8	83	1	92	28	0	2	30	1	90	18	109	0	0	2	2	233
07:30 AM	12	114	0	126	37	0	5	42	2	127	24	153	0	0	2	2	323
07:45 AM	12	137	0	149	45	0	9	54	0	139	27	166	0	0	0	0	369
Total	34	415	2	451	135	0	19	154	4	427	79	510	0	0	4	4	1119
08:00 AM	13	105	3	121	37	0	5	42	1	129	34	164	0	0	0	0	327
08:15 AM	6	108	0	114	40	0	10	50	3	115	35	153	0	0	1	1	318
08:30 AM	8	106	0	114	36	0	3	39	1	116	26	143	0	0	1	1	297
08:45 AM	2	89	0	91	22	1	3	26	1	123	17	141	1	0	1	2	260
Total	29	408	3	440	135	1	21	157	6	483	112	601	1	0	3	4	1202
Grand Total	63	823	5	891	270	1	40	311	10	910	191	1111	1	0	7	8	2321
Apprch %	7.1	92.4	0.6		86.8	0.3	12.9		0.9	81.9	17.2		12.5	0	87.5		
Total %	2.7	35.5	0.2	38.4	11.6	0	1.7	13.4	0.4	39.2	8.2	47.9	0	0	0.3	0.3	
Passenger Vehicles	60	808	5	873	259	1	37	297	10	892	186	1088	1	0	7	8	2266
% Passenger Vehicles	95.2	98.2	100	98	95.9	100	92.5	95.5	100	98	97.4	97.9	100	0	100	100	97.6
Large 2 Axle Vehicles	3	13	0	16	10	0	3	13	0	17	4	21	0	0	0	0	50
% Large 2 Axle Vehicles	4.8	1.6	0	1.8	3.7	0	7.5	4.2	0	1.9	2.1	1.9	0	0	0	0	2.2
3 Axle Vehicles	0	2	0	2	1	0	0	1	0	0	0	0	0	0	0	0	3
% 3 Axle Vehicles	0	0.2	0	0.2	0.4	0	0	0.3	0	0	0	0	0	0	0	0	0.1
4+ Axle Trucks	0	0	0	0	0	0	0	0	0	1	1	2	0	0	0	0	2
% 4+ Axle Trucks	0	0	0	0	0	0	0	0	0	0.1	0.5	0.2	0	0	0	0	0.1

	Stanton Avenue Southbound				Whitaker Street Westbound				Stanton Avenue Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	12	114	0	126	37	0	5	42	2	127	24	153	0	0	2	2	323
07:45 AM	12	137	0	149	45	0	9	54	0	139	27	166	0	0	0	0	369
08:00 AM	13	105	3	121	37	0	5	42	1	129	34	164	0	0	0	0	327
08:15 AM	6	108	0	114	40	0	10	50	3	115	35	153	0	0	1	1	318
Total Volume	43	464	3	510	159	0	29	188	6	510	120	636	0	0	3	3	1337
% App. Total	8.4	91	0.6		84.6	0	15.4		0.9	80.2	18.9		0	0	100		
PHF	.827	.847	.250	.856	.883	.000	.725	.870	.500	.917	.857	.958	.000	.000	.375	.375	.906

City of Buena Park
N/S: Stanton Avenue
E/W: Whitaker Street
Weather: Clear

File Name : 02_BPK_Stan_Whit AM
Site Code : 04224715
Start Date : 9/17/2024
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				07:30 AM				07:30 AM				07:00 AM			
+0 mins.	12	114	0	126	37	0	5	42	2	127	24	153	0	0	0	0
+15 mins.	12	137	0	149	45	0	9	54	0	139	27	166	0	0	2	2
+30 mins.	13	105	3	121	37	0	5	42	1	129	34	164	0	0	2	2
+45 mins.	6	108	0	114	40	0	10	50	3	115	35	153	0	0	0	0
Total Volume	43	464	3	510	159	0	29	188	6	510	120	636	0	0	4	4
% App. Total	8.4	91	0.6		84.6	0	15.4		0.9	80.2	18.9		0	0	100	
PHF	.827	.847	.250	.856	.883	.000	.725	.870	.500	.917	.857	.958	.000	.000	.500	.500

City of Buena Park
N/S: Stanton Avenue
E/W: Whitaker Street
Weather: Clear

File Name : 02_BPK_Stan_Whit AM
Site Code : 04224715
Start Date : 9/17/2024
Page No : 1

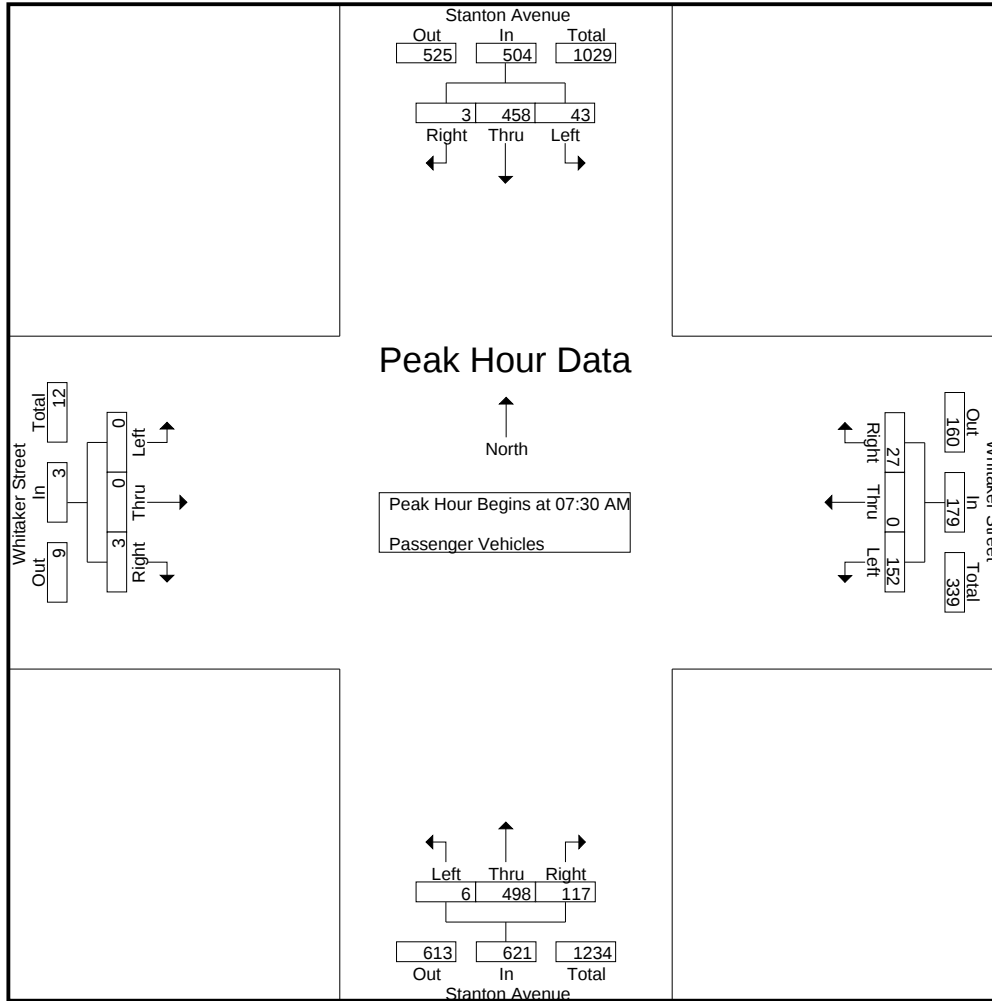
Groups Printed- Passenger Vehicles

	Stanton Avenue Southbound				Whitaker Street Westbound				Stanton Avenue Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	79	1	80	22	0	3	25	1	71	10	82	0	0	0	0	187
07:15 AM	7	81	1	89	27	0	2	29	1	88	16	105	0	0	2	2	225
07:30 AM	12	113	0	125	36	0	5	41	2	124	23	149	0	0	2	2	317
07:45 AM	12	134	0	146	44	0	8	52	0	136	26	162	0	0	0	0	360
Total	31	407	2	440	129	0	18	147	4	419	75	498	0	0	4	4	1089
08:00 AM	13	105	3	121	34	0	5	39	1	125	34	160	0	0	0	0	320
08:15 AM	6	106	0	112	38	0	9	47	3	113	34	150	0	0	1	1	310
08:30 AM	8	104	0	112	36	0	2	38	1	116	26	143	0	0	1	1	294
08:45 AM	2	86	0	88	22	1	3	26	1	119	17	137	1	0	1	2	253
Total	29	401	3	433	130	1	19	150	6	473	111	590	1	0	3	4	1177
Grand Total	60	808	5	873	259	1	37	297	10	892	186	1088	1	0	7	8	2266
Apprch %	6.9	92.6	0.6		87.2	0.3	12.5		0.9	82	17.1		12.5	0	87.5		
Total %	2.6	35.7	0.2	38.5	11.4	0	1.6	13.1	0.4	39.4	8.2	48	0	0	0.3	0.4	

	Stanton Avenue Southbound				Whitaker Street Westbound				Stanton Avenue Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. 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	12	113	0	125	36	0	5	41	2	124	23	149	0	0	2	2	317
07:45 AM	12	134	0	146	44	0	8	52	0	136	26	162	0	0	0	0	360
08:00 AM	13	105	3	121	34	0	5	39	1	125	34	160	0	0	0	0	320
08:15 AM	6	106	0	112	38	0	9	47	3	113	34	150	0	0	1	1	310
Total Volume	43	458	3	504	152	0	27	179	6	498	117	621	0	0	3	3	1307
% App. Total	8.5	90.9	0.6		84.9	0	15.1		1	80.2	18.8		0	0	100		
PHF	.827	.854	.250	.863	.864	.000	.750	.861	.500	.915	.860	.958	.000	.000	.375	.375	.908

City of Buena Park
N/S: Stanton Avenue
E/W: Whitaker Street
Weather: Clear

File Name : 02_BPK_Stan_Whit AM
Site Code : 04224715
Start Date : 9/17/2024
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.	12	113	0	125	36	0	5	41	2	124	23	149	0	0	2	2
+15 mins.	12	134	0	146	44	0	8	52	0	136	26	162	0	0	0	0
+30 mins.	13	105	3	121	34	0	5	39	1	125	34	160	0	0	0	0
+45 mins.	6	106	0	112	38	0	9	47	3	113	34	150	0	0	1	1
Total Volume	43	458	3	504	152	0	27	179	6	498	117	621	0	0	3	3
% App. Total	8.5	90.9	0.6		84.9	0	15.1		1	80.2	18.8		0	0	100	
PHF	.827	.854	.250	.863	.864	.000	.750	.861	.500	.915	.860	.958	.000	.000	.375	.375

City of Buena Park
N/S: Stanton Avenue
E/W: Whitaker Street
Weather: Clear

File Name : 02_BPK_Stan_Whit AM
Site Code : 04224715
Start Date : 9/17/2024
Page No : 1

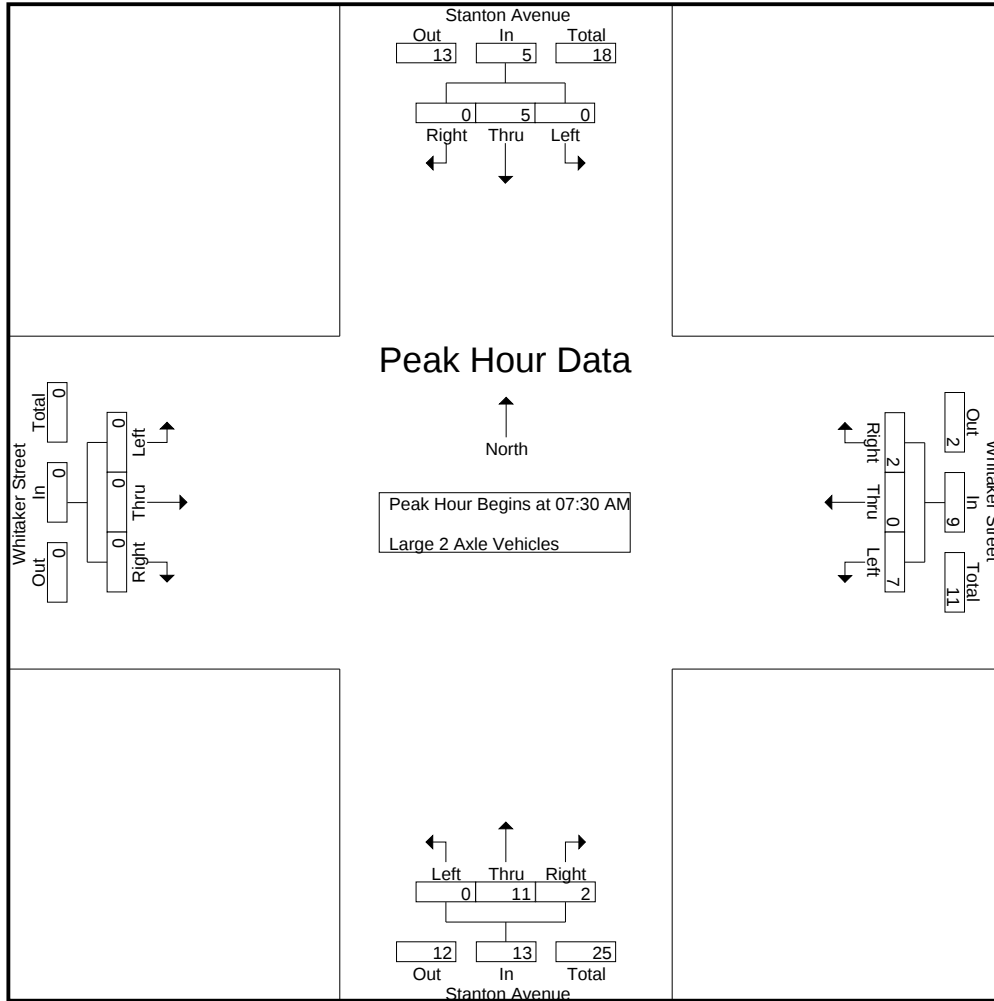
Groups Printed- Large 2 Axle Vehicles

	Stanton Avenue Southbound				Whitaker Street Westbound				Stanton Avenue Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	2	2	0	4	2	0	0	2	0	0	0	0	0	0	0	0	6
07:15 AM	1	2	0	3	1	0	0	1	0	2	2	4	0	0	0	0	8
07:30 AM	0	1	0	1	1	0	0	1	0	2	1	3	0	0	0	0	5
07:45 AM	0	3	0	3	1	0	1	2	0	3	1	4	0	0	0	0	9
Total	3	8	0	11	5	0	1	6	0	7	4	11	0	0	0	0	28
08:00 AM	0	0	0	0	3	0	0	3	0	4	0	4	0	0	0	0	7
08:15 AM	0	1	0	1	2	0	1	3	0	2	0	2	0	0	0	0	6
08:30 AM	0	1	0	1	0	0	1	1	0	0	0	0	0	0	0	0	2
08:45 AM	0	3	0	3	0	0	0	0	0	4	0	4	0	0	0	0	7
Total	0	5	0	5	5	0	2	7	0	10	0	10	0	0	0	0	22
Grand Total	3	13	0	16	10	0	3	13	0	17	4	21	0	0	0	0	50
Apprch %	18.8	81.2	0		76.9	0	23.1		0	81	19		0	0	0		
Total %	6	26	0	32	20	0	6	26	0	34	8	42	0	0	0	0	

	Stanton Avenue Southbound				Whitaker Street Westbound				Stanton Avenue Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. 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	1	0	0	1	0	2	1	3	0	0	0	0	5
07:45 AM	0	3	0	3	1	0	1	2	0	3	1	4	0	0	0	0	9
08:00 AM	0	0	0	0	3	0	0	3	0	4	0	4	0	0	0	0	7
08:15 AM	0	1	0	1	2	0	1	3	0	2	0	2	0	0	0	0	6
Total Volume	0	5	0	5	7	0	2	9	0	11	2	13	0	0	0	0	27
% App. Total	0	100	0		77.8	0	22.2		0	84.6	15.4		0	0	0		
PHF	.000	.417	.000	.417	.583	.000	.500	.750	.000	.688	.500	.813	.000	.000	.000	.000	.750

City of Buena Park
N/S: Stanton Avenue
E/W: Whitaker Street
Weather: Clear

File Name : 02_BPK_Stant_Whit AM
Site Code : 04224715
Start Date : 9/17/2024
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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	1	0	0	1	0	2	1	3	0	0	0	0
+15 mins.	0	3	0	3	1	0	1	2	0	3	1	4	0	0	0	0
+30 mins.	0	0	0	0	3	0	0	3	0	4	0	4	0	0	0	0
+45 mins.	0	1	0	1	2	0	1	3	0	2	0	2	0	0	0	0
Total Volume	0	5	0	5	7	0	2	9	0	11	2	13	0	0	0	0
% App. Total	0	100	0		77.8	0	22.2		0	84.6	15.4		0	0	0	
PHF	.000	.417	.000	.417	.583	.000	.500	.750	.000	.688	.500	.813	.000	.000	.000	.000

City of Buena Park
N/S: Stanton Avenue
E/W: Whitaker Street
Weather: Clear

File Name : 02_BPK_Stan_Whit AM
Site Code : 04224715
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Groups Printed- 3 Axle Vehicles

	Stanton Avenue Southbound				Whitaker Street Westbound				Stanton Avenue Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15 AM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
08:30 AM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
Grand Total	0	2	0	2	1	0	0	1	0	0	0	0	0	0	0	0	3
Apprch %	0	100	0		100	0	0		0	0	0		0	0	0		
Total %	0	66.7	0	66.7	33.3	0	0	33.3	0	0	0	0	0	0	0	0	

[illegible]

City of Buena Park
N/S: Stanton Avenue
E/W: Whitaker Street
Weather: Clear

File Name : 02_BPK_Stan_Whit AM
Site Code : 04224715
Start Date : 9/17/2024
Page No : 1

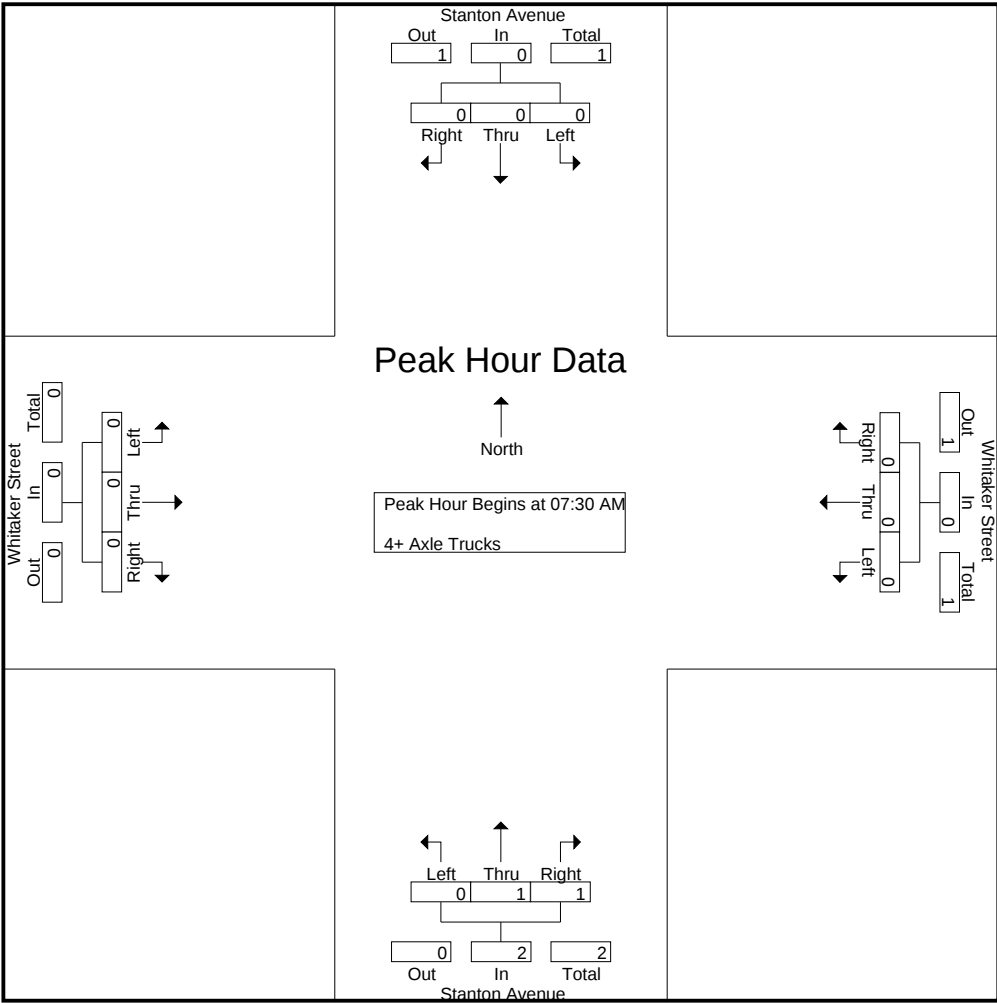
Groups Printed- 4+ Axle Trucks

	Stanton Avenue Southbound				Whitaker Street Westbound				Stanton Avenue Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15 AM	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1
Grand Total	0	0	0	0	0	0	0	0	0	1	1	2	0	0	0	0	2
Apprch %	0	0	0		0	0	0		0	50	50		0	0	0		
Total %	0	0	0		0	0	0		0	50	50	100	0	0	0		

	Stanton Avenue Southbound				Whitaker Street Westbound				Stanton Avenue Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. 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	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15 AM	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1
Total Volume	0	0	0	0	0	0	0	0	0	1	1	2	0	0	0	0	2
% App. Total	0	0	0		0	0	0		0	50	50		0	0	0		
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.250	.250	.500	.000	.000	.000	.000	.500

City of Buena Park
N/S: Stanton Avenue
E/W: Whitaker Street
Weather: Clear

File Name : 02_BPK_Stan_Whit AM
Site Code : 04224715
Start Date : 9/17/2024
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	0	0	0	0	0	0	0	1	0	1	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	1	1	2	0	0	0	0
% App. Total	0	0	0	0	0	0	0	0	0	50	50		0	0	0	
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.250	.250	.500	.000	.000	.000	.000

City of Buena Park
N/S: Stanton Avenue
E/W: Whitaker Street
Weather: Clear

File Name : 02_BPK_Stan_Whit PM
Site Code : 04224715
Start Date : 9/17/2024
Page No : 1

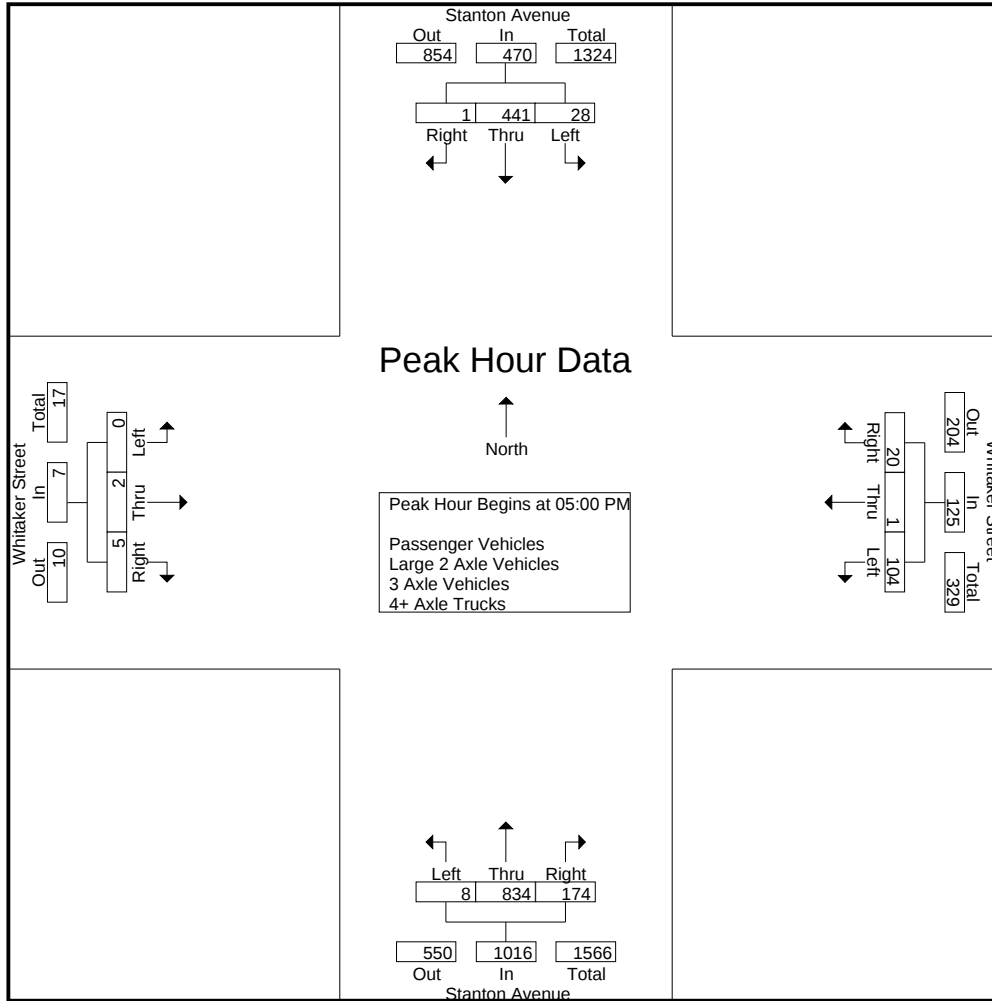
Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

	Stanton Avenue Southbound				Whitaker Street Westbound				Stanton Avenue Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	6	124	0	130	21	0	8	29	2	169	32	203	0	0	2	2	364
04:15 PM	8	108	0	116	32	0	7	39	3	175	35	213	1	0	1	2	370
04:30 PM	11	107	0	118	29	0	12	41	0	190	48	238	0	0	0	0	397
04:45 PM	5	89	0	94	24	0	3	27	0	217	35	252	1	1	2	4	377
Total	30	428	0	458	106	0	30	136	5	751	150	906	2	1	5	8	1508
05:00 PM	8	100	1	109	30	1	4	35	3	181	47	231	0	0	3	3	378
05:15 PM	7	121	0	128	32	0	4	36	2	222	45	269	0	0	0	0	433
05:30 PM	5	99	0	104	22	0	4	26	1	207	48	256	0	2	1	3	389
05:45 PM	8	121	0	129	20	0	8	28	2	224	34	260	0	0	1	1	418
Total	28	441	1	470	104	1	20	125	8	834	174	1016	0	2	5	7	1618
Grand Total	58	869	1	928	210	1	50	261	13	1585	324	1922	2	3	10	15	3126
Apprch %	6.2	93.6	0.1		80.5	0.4	19.2		0.7	82.5	16.9		13.3	20	66.7		
Total %	1.9	27.8	0	29.7	6.7	0	1.6	8.3	0.4	50.7	10.4	61.5	0.1	0.1	0.3	0.5	
Passenger Vehicles	58	859	1	918	209	1	47	257	12	1570	319	1901	2	3	10	15	3091
% Passenger Vehicles	100	98.8	100	98.9	99.5	100	94	98.5	92.3	99.1	98.5	98.9	100	100	100	100	98.9
Large 2 Axle Vehicles	0	8	0	8	0	0	3	3	1	13	5	19	0	0	0	0	30
% Large 2 Axle Vehicles	0	0.9	0	0.9	0	0	6	1.1	7.7	0.8	1.5	1	0	0	0	0	1
3 Axle Vehicles	0	2	0	2	1	0	0	1	0	2	0	2	0	0	0	0	5
% 3 Axle Vehicles	0	0.2	0	0.2	0.5	0	0	0.4	0	0.1	0	0.1	0	0	0	0	0.2
4+ Axle Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% 4+ Axle Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	Stanton Avenue Southbound				Whitaker Street Westbound				Stanton Avenue Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	8	100	1	109	30	1	4	35	3	181	47	231	0	0	3	3	378
05:15 PM	7	121	0	128	32	0	4	36	2	222	45	269	0	0	0	0	433
05:30 PM	5	99	0	104	22	0	4	26	1	207	48	256	0	2	1	3	389
05:45 PM	8	121	0	129	20	0	8	28	2	224	34	260	0	0	1	1	418
Total Volume	28	441	1	470	104	1	20	125	8	834	174	1016	0	2	5	7	1618
% App. Total	6	93.8	0.2		83.2	0.8	16		0.8	82.1	17.1		0	28.6	71.4		
PHF	.875	.911	.250	.911	.813	.250	.625	.868	.667	.931	.906	.944	.000	.250	.417	.583	.934

City of Buena Park
N/S: Stanton Avenue
E/W: Whitaker Street
Weather: Clear

File Name : 02_BPK_Stan_Whit PM
Site Code : 04224715
Start Date : 9/17/2024
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Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				04:15 PM				05:00 PM				04:45 PM			
+0 mins.	8	100	1	109	32	0	7	39	3	181	47	231	1	1	2	4
+15 mins.	7	121	0	128	29	0	12	41	2	222	45	269	0	0	3	3
+30 mins.	5	99	0	104	24	0	3	27	1	207	48	256	0	0	0	0
+45 mins.	8	121	0	129	30	1	4	35	2	224	34	260	0	2	1	3
Total Volume	28	441	1	470	115	1	26	142	8	834	174	1016	1	3	6	10
% App. Total	6	93.8	0.2		81	0.7	18.3		0.8	82.1	17.1		10	30	60	
PHF	.875	.911	.250	.911	.898	.250	.542	.866	.667	.931	.906	.944	.250	.375	.500	.625

City of Buena Park
N/S: Stanton Avenue
E/W: Whitaker Street
Weather: Clear

File Name : 02_BPK_Stan_Whit PM
Site Code : 04224715
Start Date : 9/17/2024
Page No : 1

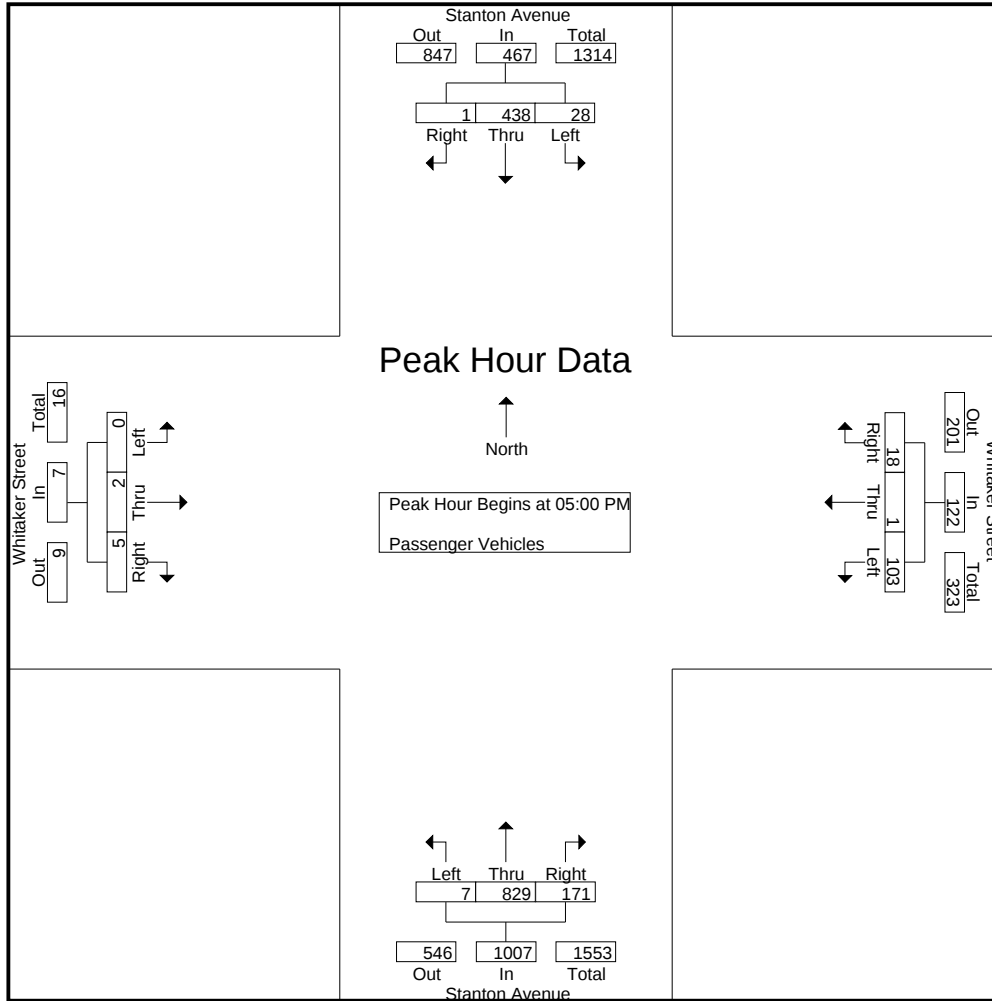
Groups Printed- Passenger Vehicles

	Stanton Avenue Southbound				Whitaker Street Westbound				Stanton Avenue Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	6	123	0	129	21	0	7	28	2	167	32	201	0	0	2	2	360
04:15 PM	8	107	0	115	32	0	7	39	3	173	35	211	1	0	1	2	367
04:30 PM	11	104	0	115	29	0	12	41	0	186	47	233	0	0	0	0	389
04:45 PM	5	87	0	92	24	0	3	27	0	215	34	249	1	1	2	4	372
Total	30	421	0	451	106	0	29	135	5	741	148	894	2	1	5	8	1488
05:00 PM	8	99	1	108	29	1	4	34	3	180	46	229	0	0	3	3	374
05:15 PM	7	121	0	128	32	0	2	34	2	219	45	266	0	0	0	0	428
05:30 PM	5	98	0	103	22	0	4	26	1	207	47	255	0	2	1	3	387
05:45 PM	8	120	0	128	20	0	8	28	1	223	33	257	0	0	1	1	414
Total	28	438	1	467	103	1	18	122	7	829	171	1007	0	2	5	7	1603
Grand Total	58	859	1	918	209	1	47	257	12	1570	319	1901	2	3	10	15	3091
Apprch %	6.3	93.6	0.1		81.3	0.4	18.3		0.6	82.6	16.8		13.3	20	66.7		
Total %	1.9	27.8	0	29.7	6.8	0	1.5	8.3	0.4	50.8	10.3	61.5	0.1	0.1	0.3	0.5	

	Stanton Avenue Southbound				Whitaker Street Westbound				Stanton Avenue Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. 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	8	99	1	108	29	1	4	34	3	180	46	229	0	0	3	3	374
05:15 PM	7	121	0	128	32	0	2	34	2	219	45	266	0	0	0	0	428
05:30 PM	5	98	0	103	22	0	4	26	1	207	47	255	0	2	1	3	387
05:45 PM	8	120	0	128	20	0	8	28	1	223	33	257	0	0	1	1	414
Total Volume	28	438	1	467	103	1	18	122	7	829	171	1007	0	2	5	7	1603
% App. Total	6	93.8	0.2		84.4	0.8	14.8		0.7	82.3	17		0	28.6	71.4		
PHF	.875	.905	.250	.912	.805	.250	.563	.897	.583	.929	.910	.946	.000	.250	.417	.583	.936

City of Buena Park
N/S: Stanton Avenue
E/W: Whitaker Street
Weather: Clear

File Name : 02_BPK_Stan_Whit PM
Site Code : 04224715
Start Date : 9/17/2024
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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.	8	99	1	108	29	1	4	34	3	180	46	229	0	0	3	3
+15 mins.	7	121	0	128	32	0	2	34	2	219	45	266	0	0	0	0
+30 mins.	5	98	0	103	22	0	4	26	1	207	47	255	0	2	1	3
+45 mins.	8	120	0	128	20	0	8	28	1	223	33	257	0	0	1	1
Total Volume	28	438	1	467	103	1	18	122	7	829	171	1007	0	2	5	7
% App. Total	6	93.8	0.2		84.4	0.8	14.8		0.7	82.3	17		0	28.6	71.4	
PHF	.875	.905	.250	.912	.805	.250	.563	.897	.583	.929	.910	.946	.000	.250	.417	.583

City of Buena Park
N/S: Stanton Avenue
E/W: Whitaker Street
Weather: Clear

File Name : 02_BPK_Stan_Whit PM
Site Code : 04224715
Start Date : 9/17/2024
Page No : 1

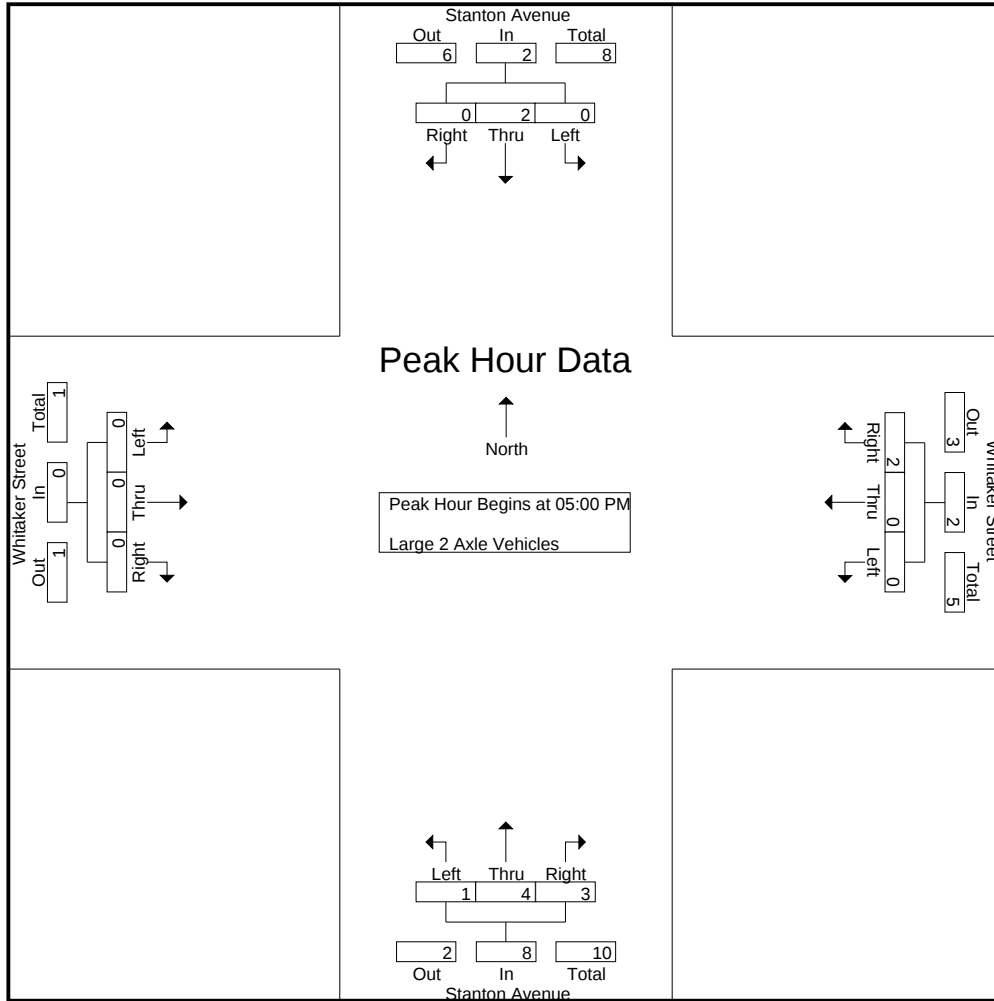
Groups Printed- Large 2 Axle Vehicles

	Stanton Avenue Southbound				Whitaker Street Westbound				Stanton Avenue Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	1	0	1	0	0	1	1	0	2	0	2	0	0	0	0	4
04:15 PM	0	1	0	1	0	0	0	0	0	1	0	1	0	0	0	0	2
04:30 PM	0	3	0	3	0	0	0	0	0	4	1	5	0	0	0	0	8
04:45 PM	0	1	0	1	0	0	0	0	0	2	1	3	0	0	0	0	4
Total	0	6	0	6	0	0	1	1	0	9	2	11	0	0	0	0	18
05:00 PM	0	0	0	0	0	0	0	0	0	1	1	2	0	0	0	0	2
05:15 PM	0	0	0	0	0	0	2	2	0	2	0	2	0	0	0	0	4
05:30 PM	0	1	0	1	0	0	0	0	0	0	1	1	0	0	0	0	2
05:45 PM	0	1	0	1	0	0	0	0	1	1	1	3	0	0	0	0	4
Total	0	2	0	2	0	0	2	2	1	4	3	8	0	0	0	0	12
Grand Total	0	8	0	8	0	0	3	3	1	13	5	19	0	0	0	0	30
Apprch %	0	100	0		0	0	100		5.3	68.4	26.3		0	0	0		
Total %	0	26.7	0	26.7	0	0	10	10	3.3	43.3	16.7	63.3	0	0	0	0	

	Stanton Avenue Southbound				Whitaker Street Westbound				Stanton Avenue Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. 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	1	1	2	0	0	0	0	2
05:15 PM	0	0	0	0	0	0	2	2	0	2	0	2	0	0	0	0	4
05:30 PM	0	1	0	1	0	0	0	0	0	0	1	1	0	0	0	0	2
05:45 PM	0	1	0	1	0	0	0	0	1	1	1	3	0	0	0	0	4
Total Volume	0	2	0	2	0	0	2	2	1	4	3	8	0	0	0	0	12
% App. Total	0	100	0		0	0	100		12.5	50	37.5		0	0	0		
PHF	.000	.500	.000	.500	.000	.000	.250	.250	.250	.500	.750	.667	.000	.000	.000	.000	.750

City of Buena Park
N/S: Stanton Avenue
E/W: Whitaker Street
Weather: Clear

File Name : 02_BPK_Stant_Whit PM
Site Code : 04224715
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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	0	0	0	0	0	0	0	1	1	2	0	0	0	0
+15 mins.	0	0	0	0	0	0	2	2	0	2	0	2	0	0	0	0
+30 mins.	0	1	0	1	0	0	0	0	0	0	1	1	0	0	0	0
+45 mins.	0	1	0	1	0	0	0	0	1	1	1	3	0	0	0	0
Total Volume	0	2	0	2	0	0	2	2	1	4	3	8	0	0	0	0
% App. Total	0	100	0		0	0	100		12.5	50	37.5		0	0	0	
PHF	.000	.500	.000	.500	.000	.000	.250	.250	.250	.500	.750	.667	.000	.000	.000	.000

City of Buena Park
N/S: Stanton Avenue
E/W: Whitaker Street
Weather: Clear

File Name : 02_BPK_Stan_Whit PM
Site Code : 04224715
Start Date : 9/17/2024
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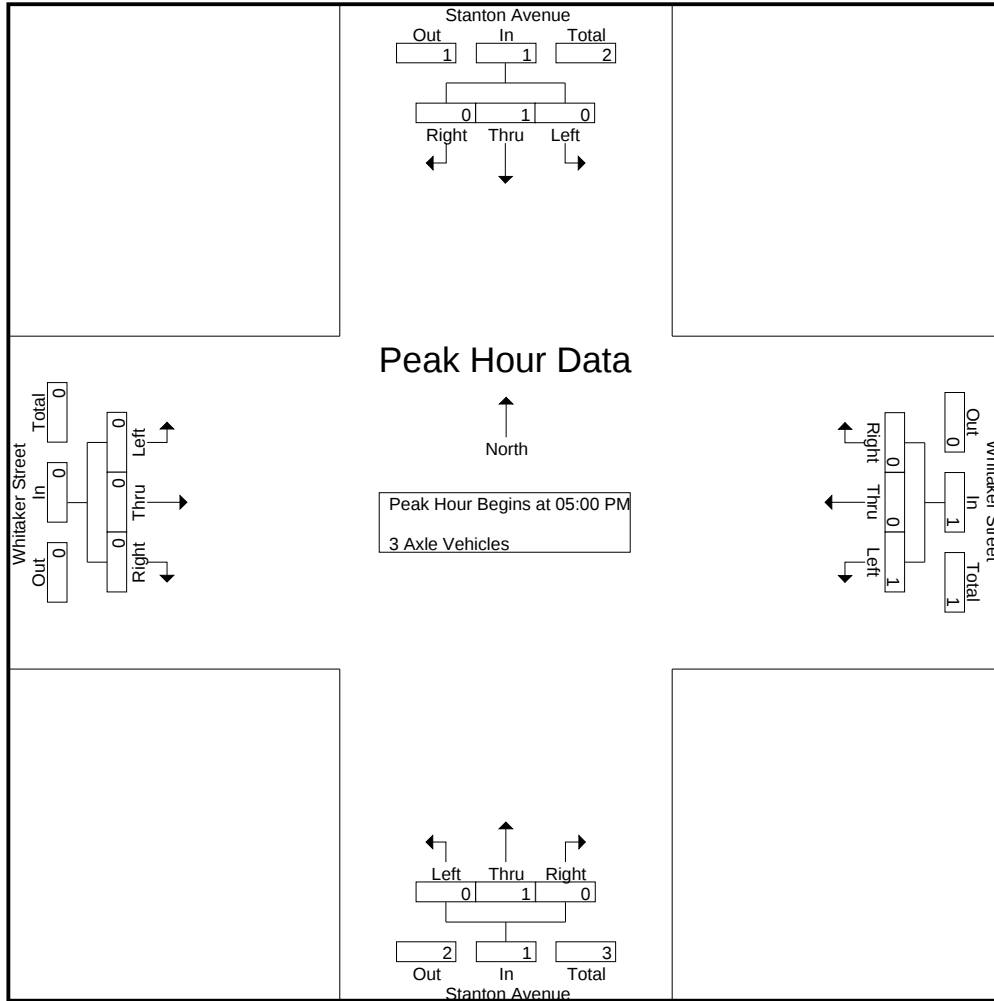
Groups Printed- 3 Axle Vehicles

	Stanton Avenue Southbound				Whitaker Street Westbound				Stanton Avenue Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0
04:45 PM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	1	0	1	0	0	0	0	0	1	0	1	0	0	0	0	2
05:00 PM	0	1	0	1	1	0	0	1	0	0	0	0	0	0	0	0	2
05:15 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	1	0	1	1	0	0	1	0	1	0	1	0	0	0	0	3
Grand Total	0	2	0	2	1	0	0	1	0	2	0	2	0	0	0	0	5
Apprch %	0	100	0		100	0	0		0	100	0		0	0	0		
Total %	0	40	0	40	20	0	0	20	0	40	0	40	0	0	0	0	

	Stanton Avenue Southbound				Whitaker Street Westbound				Stanton Avenue Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. 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	0	0	1	0	0	0	0	0	0	0	0	2
05:15 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	1	0	1	1	0	0	1	0	1	0	1	0	0	0	0	3
% App. Total	0	100	0		100	0	0		0	100	0		0	0	0		
PHF	.000	.250	.000	.250	.250	.000	.000	.250	.000	.250	.000	.250	.000	.000	.000	.000	.375

City of Buena Park
N/S: Stanton Avenue
E/W: Whitaker Street
Weather: Clear

File Name : 02_BPK_Stan_Whit PM
Site Code : 04224715
Start Date : 9/17/2024
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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	1	0	0	1	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	1	0	1	1	0	0	1	0	1	0	1	0	0	0	0
% App. Total	0	100	0		100	0	0		0	100	0		0	0	0	
PHF	.000	.250	.000	.250	.250	.000	.000	.250	.000	.250	.000	.250	.000	.000	.000	.000

File Name : 02_BPK_Stan_Whit PM
Site Code : 04224715
Start Date : 9/17/2024
Page No : 1

Location: Buena Park
 N/S: Stanton Avenue
 E/W: Whitaker Street



Date: 9/17/2024
 Day: Tuesday

PEDESTRIANS

		North Leg Stanton Avenue	East Leg Whitaker Street	South Leg Stanton Avenue	West Leg Whitaker Street	
		Pedestrians	Pedestrians	Pedestrians	Pedestrians	
	7:00 AM	1	0	0	2	3
	7:15 AM	0	5	0	3	8
	7:30 AM	1	7	2	4	14
	7:45 AM	0	0	0	1	1
	8:00 AM	2	2	1	4	9
	8:15 AM	1	1	0	2	4
	8:30 AM	0	5	0	3	8
	8:45 AM	0	2	2	0	4
	TOTAL VOLUMES:	5	22	5	19	51

		North Leg Stanton Avenue	East Leg Whitaker Street	South Leg Stanton Avenue	West Leg Whitaker Street	
		Pedestrians	Pedestrians	Pedestrians	Pedestrians	
	4:00 PM	5	6	2	2	15
	4:15 PM	2	2	0	0	4
	4:30 PM	0	0	2	3	5
	4:45 PM	1	3	2	0	6
	5:00 PM	0	3	3	1	7
	5:15 PM	1	2	0	1	4
	5:30 PM	2	2	3	2	9
	5:45 PM	1	2	1	5	9
	TOTAL VOLUMES:	12	20	13	14	59

Location: Buena Park
 N/S: Stanton Avenue
 E/W: Whitaker Street



Date: 9/17/2024
 Day: Tuesday

BICYCLES

		Southbound Stanton Avenue			Westbound Whitaker Street			Northbound Stanton Avenue			Eastbound Whitaker Street			
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
	7:00 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
	7:15 AM	0	0	0	0	0	0	0	1	1	0	0	0	2
	7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:15 AM	0	0	0	0	0	0	0	0	1	0	0	0	1
	8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:		0	0	0	0	1	0	0	1	2	0	0	0	4

		Southbound Stanton Avenue			Westbound Whitaker Street			Northbound Stanton Avenue			Eastbound Whitaker Street			
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
	4:00 PM	0	1	0	0	1	0	0	0	0	0	0	0	2
	4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:30 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
	4:45 PM	0	0	0	0	0	1	0	0	1	0	0	0	2
	5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	5:45 PM	0	0	0	1	0	0	0	0	0	0	0	0	1
TOTAL VOLUMES:		0	1	0	1	2	1	0	0	1	0	0	0	6

City of Buena Park
N/S: Indiana Street
E/W: Whitaker Street
Weather: Clear

File Name : 03_BPK_Indi_Whit AM
Site Code : 04224715
Start Date : 8/21/2024
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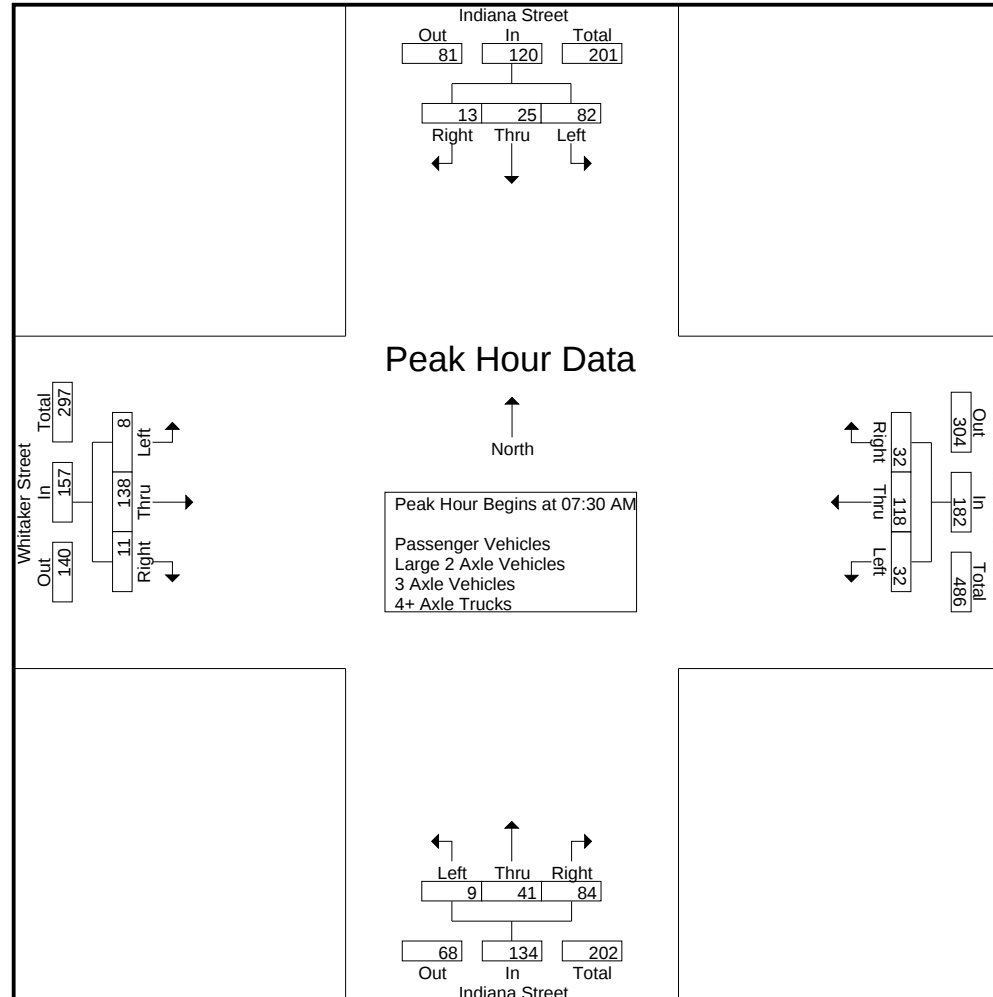
Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

	Indiana Street Southbound				Whitaker Street Westbound				Indiana Street Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	14	1	7	22	2	15	8	25	0	1	18	19	0	17	1	18	84
07:15 AM	19	2	2	23	5	32	8	45	1	5	13	19	1	27	3	31	118
07:30 AM	23	9	6	38	5	27	5	37	1	15	24	40	0	36	4	40	155
07:45 AM	24	4	3	31	9	29	6	44	6	13	25	44	2	41	7	50	169
Total	80	16	18	114	21	103	27	151	8	34	80	122	3	121	15	139	526
08:00 AM	22	7	1	30	11	26	10	47	2	9	18	29	3	37	0	40	146
08:15 AM	13	5	3	21	7	36	11	54	0	4	17	21	3	24	0	27	123
08:30 AM	12	4	6	22	7	29	13	49	1	4	4	9	2	19	3	24	104
08:45 AM	8	3	3	14	3	24	3	30	0	3	10	13	1	16	2	19	76
Total	55	19	13	87	28	115	37	180	3	20	49	72	9	96	5	110	449
Grand Total	135	35	31	201	49	218	64	331	11	54	129	194	12	217	20	249	975
Apprch %	67.2	17.4	15.4		14.8	65.9	19.3		5.7	27.8	66.5		4.8	87.1	8		
Total %	13.8	3.6	3.2	20.6	5	22.4	6.6	33.9	1.1	5.5	13.2	19.9	1.2	22.3	2.1	25.5	
Passenger Vehicles	133	35	30	198	46	215	63	324	9	54	126	189	12	210	18	240	951
% Passenger Vehicles	98.5	100	96.8	98.5	93.9	98.6	98.4	97.9	81.8	100	97.7	97.4	100	96.8	90	96.4	97.5
Large 2 Axle Vehicles	1	0	1	2	2	3	0	5	1	0	1	2	0	6	1	7	16
% Large 2 Axle Vehicles	0.7	0	3.2	1	4.1	1.4	0	1.5	9.1	0	0.8	1	0	2.8	5	2.8	1.6
3 Axle Vehicles	1	0	0	1	1	0	0	1	1	0	2	3	0	1	1	2	7
% 3 Axle Vehicles	0.7	0	0	0.5	2	0	0	0.3	9.1	0	1.6	1.5	0	0.5	5	0.8	0.7
4+ Axle Trucks	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1
% 4+ Axle Trucks	0	0	0	0	0	0	1.6	0.3	0	0	0	0	0	0	0	0	0.1

	Indiana Street Southbound				Whitaker Street Westbound				Indiana Street Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	23	9	6	38	5	27	5	37	1	15	24	40	0	36	4	40	155
07:45 AM	24	4	3	31	9	29	6	44	6	13	25	44	2	41	7	50	169
08:00 AM	22	7	1	30	11	26	10	47	2	9	18	29	3	37	0	40	146
08:15 AM	13	5	3	21	7	36	11	54	0	4	17	21	3	24	0	27	123
Total Volume	82	25	13	120	32	118	32	182	9	41	84	134	8	138	11	157	593
% App. Total	68.3	20.8	10.8		17.6	64.8	17.6		6.7	30.6	62.7		5.1	87.9	7		
PHF	.854	.694	.542	.789	.727	.819	.727	.843	.375	.683	.840	.761	.667	.841	.393	.785	.877

City of Buena Park
N/S: Indiana Street
E/W: Whitaker Street
Weather: Clear

File Name : 03_BPK_Indi_Whit AM
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City of Buena Park
N/S: Indiana Street
E/W: Whitaker Street
Weather: Clear

File Name : 03_BPK_Indi_Whit AM
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	Indiana Street Southbound				Whitaker Street Westbound				Indiana Street Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:15 AM				07:45 AM				07:30 AM				07:15 AM				
+0 mins.	19	2	2	23	9	29	6	44	1	15	24	40	1	27	3	31	
+15 mins.	23	9	6	38	11	26	10	47	6	13	25	44	0	36	4	40	
+30 mins.	24	4	3	31	7	36	11	54	2	9	18	29	2	41	7	50	
+45 mins.	22	7	1	30	7	29	13	49	0	4	17	21	3	37	0	40	
Total Volume	88	22	12	122	34	120	40	194	9	41	84	134	6	141	14	161	
% App. Total	72.1	18	9.8		17.5	61.9	20.6		6.7	30.6	62.7		3.7	87.6	8.7		
PHF	.917	.611	.500	.803	.773	.833	.769	.898	.375	.683	.840	.761	.500	.860	.500	.805	

City of Buena Park
N/S: Indiana Street
E/W: Whitaker Street
Weather: Clear

File Name : 03_BPK_Indi_Whit AM
Site Code : 04224715
Start Date : 8/21/2024
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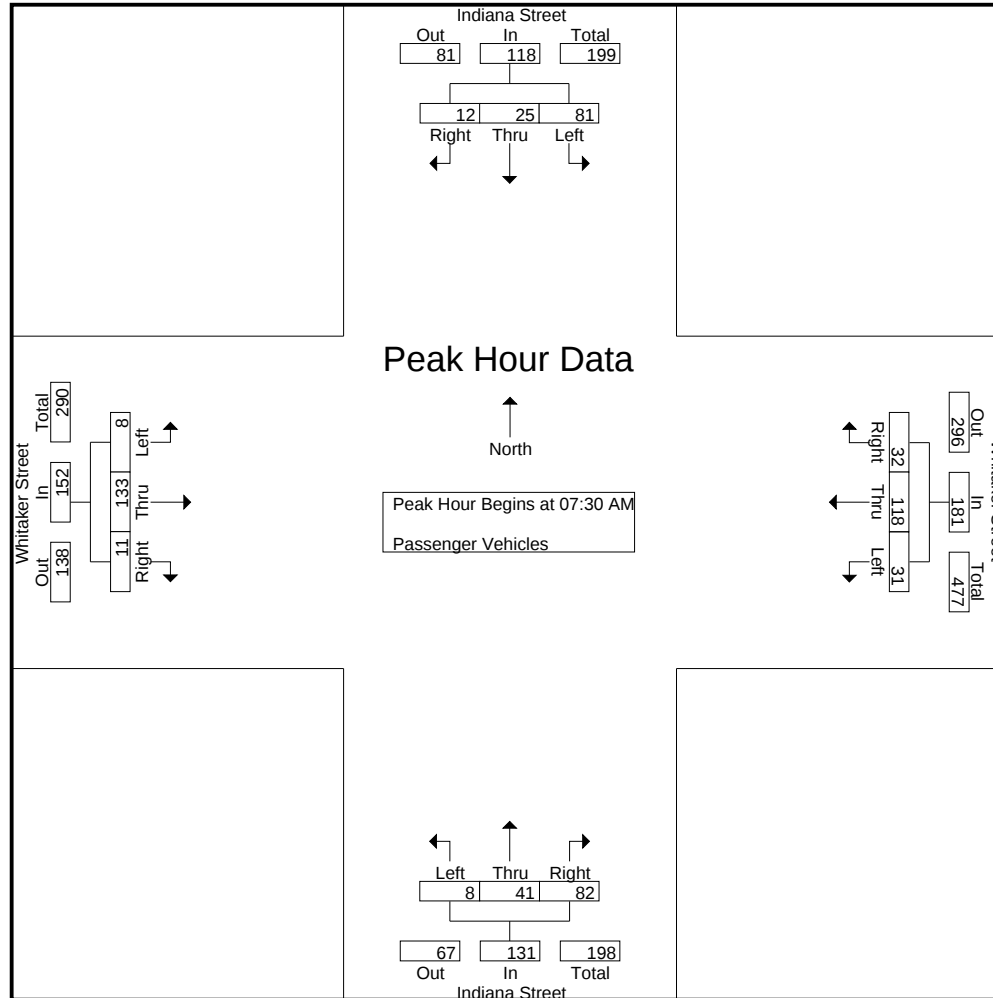
Groups Printed- Passenger Vehicles

	Indiana Street Southbound				Whitaker Street Westbound				Indiana Street Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	13	1	7	21	2	15	8	25	0	1	18	19	0	16	1	17	82
07:15 AM	19	2	2	23	4	31	8	43	1	5	12	18	1	26	1	28	112
07:30 AM	23	9	5	37	5	27	5	37	1	15	23	39	0	32	4	36	149
07:45 AM	23	4	3	30	8	29	6	43	6	13	24	43	2	40	7	49	165
Total	78	16	17	111	19	102	27	148	8	34	77	119	3	114	13	130	508
08:00 AM	22	7	1	30	11	26	10	47	1	9	18	28	3	37	0	40	145
08:15 AM	13	5	3	21	7	36	11	54	0	4	17	21	3	24	0	27	123
08:30 AM	12	4	6	22	7	27	12	46	0	4	4	8	2	19	3	24	100
08:45 AM	8	3	3	14	2	24	3	29	0	3	10	13	1	16	2	19	75
Total	55	19	13	87	27	113	36	176	1	20	49	70	9	96	5	110	443
Grand Total	133	35	30	198	46	215	63	324	9	54	126	189	12	210	18	240	951
Apprch %	67.2	17.7	15.2		14.2	66.4	19.4		4.8	28.6	66.7		5	87.5	7.5		
Total %	14	3.7	3.2	20.8	4.8	22.6	6.6	34.1	0.9	5.7	13.2	19.9	1.3	22.1	1.9	25.2	

	Indiana Street Southbound				Whitaker Street Westbound				Indiana Street Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. 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	23	9	5	37	5	27	5	37	1	15	23	39	0	32	4	36	149
07:45 AM	23	4	3	30	8	29	6	43	6	13	24	43	2	40	7	49	165
08:00 AM	22	7	1	30	11	26	10	47	1	9	18	28	3	37	0	40	145
08:15 AM	13	5	3	21	7	36	11	54	0	4	17	21	3	24	0	27	123
Total Volume	81	25	12	118	31	118	32	181	8	41	82	131	8	133	11	152	582
% App. Total	68.6	21.2	10.2		17.1	65.2	17.7		6.1	31.3	62.6		5.3	87.5	7.2		
PHF	.880	.694	.600	.797	.705	.819	.727	.838	.333	.683	.854	.762	.667	.831	.393	.776	.882

City of Buena Park
N/S: Indiana Street
E/W: Whitaker Street
Weather: Clear

File Name : 03_BPK_Indi_Whit AM
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City of Buena Park
N/S: Indiana Street
E/W: Whitaker Street
Weather: Clear

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	Indiana Street Southbound				Whitaker Street Westbound				Indiana Street Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
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.	23	9	5	37	5	27	5	37	1	15	23	39	0	32	4	36	
+15 mins.	23	4	3	30	8	29	6	43	6	13	24	43	2	40	7	49	
+30 mins.	22	7	1	30	11	26	10	47	1	9	18	28	3	37	0	40	
+45 mins.	13	5	3	21	7	36	11	54	0	4	17	21	3	24	0	27	
Total Volume	81	25	12	118	31	118	32	181	8	41	82	131	8	133	11	152	
% App. Total	68.6	21.2	10.2		17.1	65.2	17.7		6.1	31.3	62.6		5.3	87.5	7.2		
PHF	.880	.694	.600	.797	.705	.819	.727	.838	.333	.683	.854	.762	.667	.831	.393	.776	

City of Buena Park
N/S: Indiana Street
E/W: Whitaker Street
Weather: Clear

File Name : 03_BPK_Indi_Whit AM
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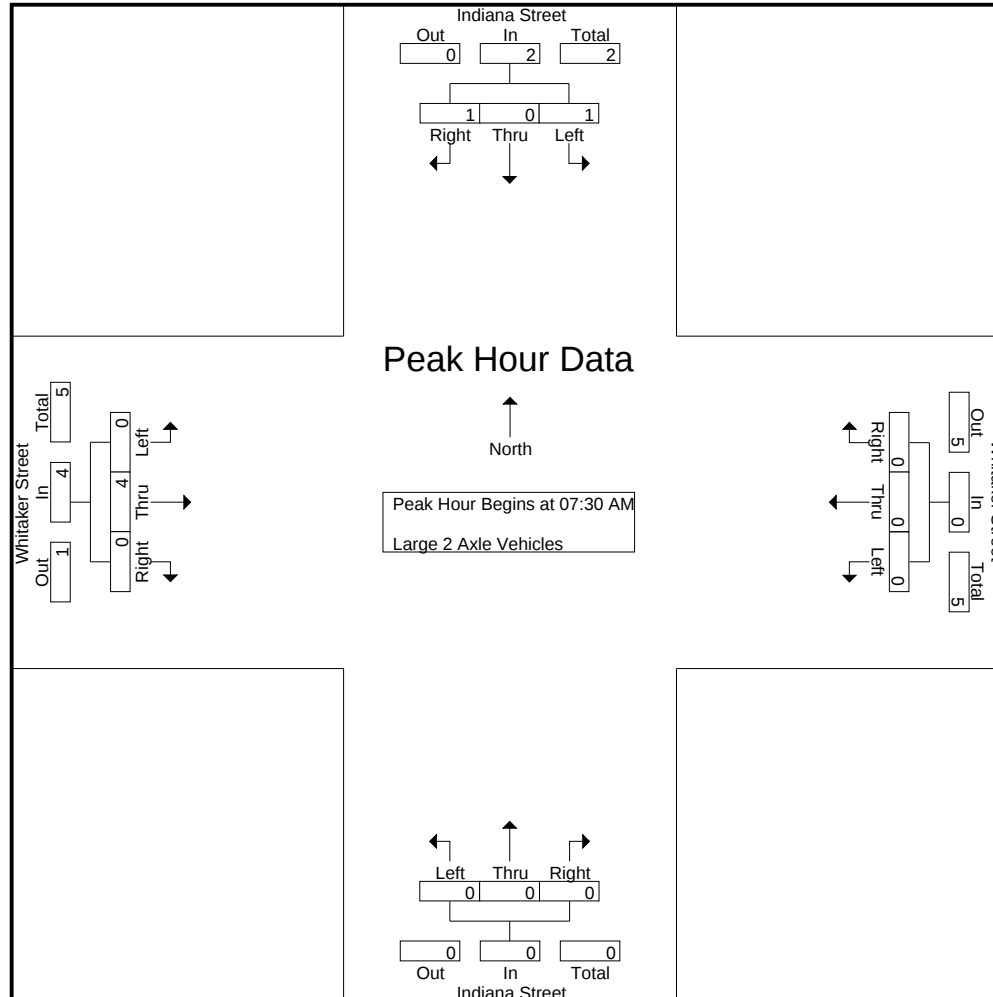
Groups Printed- Large 2 Axle Vehicles

	Indiana Street Southbound				Whitaker Street Westbound				Indiana Street Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
07:15 AM	0	0	0	0	1	1	0	2	0	0	1	1	0	1	1	2	5
07:30 AM	0	0	1	1	0	0	0	0	0	0	0	0	0	3	0	3	4
07:45 AM	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	2
Total	1	0	1	2	1	1	0	2	0	0	1	1	0	6	1	7	12
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30 AM	0	0	0	0	0	2	0	2	1	0	0	1	0	0	0	0	3
08:45 AM	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1
Total	0	0	0	0	1	2	0	3	1	0	0	1	0	0	0	0	4
Grand Total	1	0	1	2	2	3	0	5	1	0	1	2	0	6	1	7	16
Apprch %	50	0	50		40	60	0		50	0	50		0	85.7	14.3		
Total %	6.2	0	6.2	12.5	12.5	18.8	0	31.2	6.2	0	6.2	12.5	0	37.5	6.2	43.8	

	Indiana Street Southbound				Whitaker Street Westbound				Indiana Street Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. 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	0	0	0	0	0	0	0	0	3	0	3	4
07:45 AM	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	2
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	1	0	1	2	0	0	0	0	0	0	0	0	0	4	0	4	6
% App. Total	50	0	50		0	0	0		0	0	0		0	100	0		
PHF	.250	.000	.250	.500	.000	.000	.000	.000	.000	.000	.000	.000	.000	.333	.000	.333	.375

City of Buena Park
N/S: Indiana Street
E/W: Whitaker Street
Weather: Clear

File Name : 03_BPK_Indi_Whit AM
Site Code : 04224715
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City of Buena Park
N/S: Indiana Street
E/W: Whitaker Street
Weather: Clear

File Name : 03_BPK_Indi_Whit AM
Site Code : 04224715
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	Indiana Street Southbound				Whitaker Street Westbound				Indiana Street Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
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	0	0	0	0	0	0	0	0	3	0	3	
+15 mins.	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total Volume	1	0	1	2	0	0	0	0	0	0	0	0	0	4	0	4	
% App. Total	50	0	50		0	0	0		0	0	0		0	100	0		
PHF	.250	.000	.250	.500	.000	.000	.000	.000	.000	.000	.000	.000	.000	.333	.000	.333	

City of Buena Park
N/S: Indiana Street
E/W: Whitaker Street
Weather: Clear

File Name : 03_BPK_Indi_Whit AM
Site Code : 04224715
Start Date : 8/21/2024
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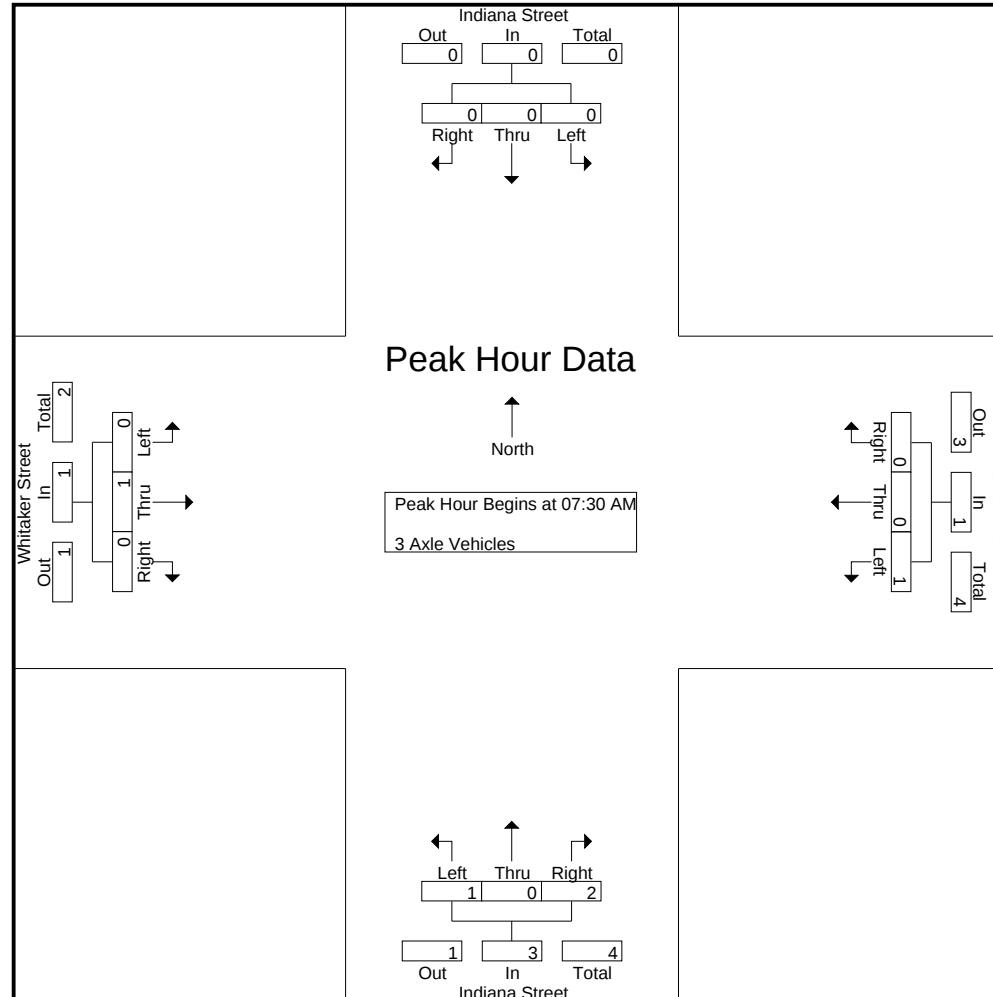
Groups Printed- 3 Axle Vehicles

	Indiana Street Southbound				Whitaker Street Westbound				Indiana Street Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
07:30 AM	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	1	2
07:45 AM	0	0	0	0	1	0	0	1	0	0	1	1	0	0	0	0	2
Total	1	0	0	1	1	0	0	1	0	0	2	2	0	1	1	2	6
08:00 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1
Grand Total	1	0	0	1	1	0	0	1	1	0	2	3	0	1	1	2	7
Apprch %	100	0	0		100	0	0		33.3	0	66.7		0	50	50		
Total %	14.3	0	0	14.3	14.3	0	0	14.3	14.3	0	28.6	42.9	0	14.3	14.3	28.6	

	Indiana Street Southbound				Whitaker Street Westbound				Indiana Street Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. 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	0	0	0	0	0	0	0	0	1	1	0	1	0	1	2
07:45 AM	0	0	0	0	1	0	0	1	0	0	1	1	0	0	0	0	2
08:00 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	1	0	0	1	1	0	2	3	0	1	0	1	5
% App. Total	0	0	0		100	0	0		33.3	0	66.7		0	100	0		
PHF	.000	.000	.000	.000	.250	.000	.000	.250	.250	.000	.500	.750	.000	.250	.000	.250	.625

City of Buena Park
N/S: Indiana Street
E/W: Whitaker Street
Weather: Clear

File Name : 03_BPK_Indi_Whit AM
Site Code : 04224715
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City of Buena Park
N/S: Indiana Street
E/W: Whitaker Street
Weather: Clear

File Name : 03_BPK_Indi_Whit AM
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	Indiana Street Southbound				Whitaker Street Westbound				Indiana Street Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
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	0	0	0	0	0	0	0	0	1	1	0	1	0	1	
+15 mins.	0	0	0	0	1	0	0	1	0	0	1	1	0	0	0	0	
+30 mins.	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total Volume	0	0	0	0	1	0	0	1	1	0	2	3	0	1	0	1	
% App. Total	0	0	0		100	0	0		33.3	0	66.7		0	100	0		
PHF	.000	.000	.000	.000	.250	.000	.000	.250	.250	.000	.500	.750	.000	.250	.000	.250	

City of Buena Park
N/S: Indiana Street
E/W: Whitaker Street
Weather: Clear

File Name : 03_BPK_Indi_Whit AM
Site Code : 04224715
Start Date : 8/21/2024
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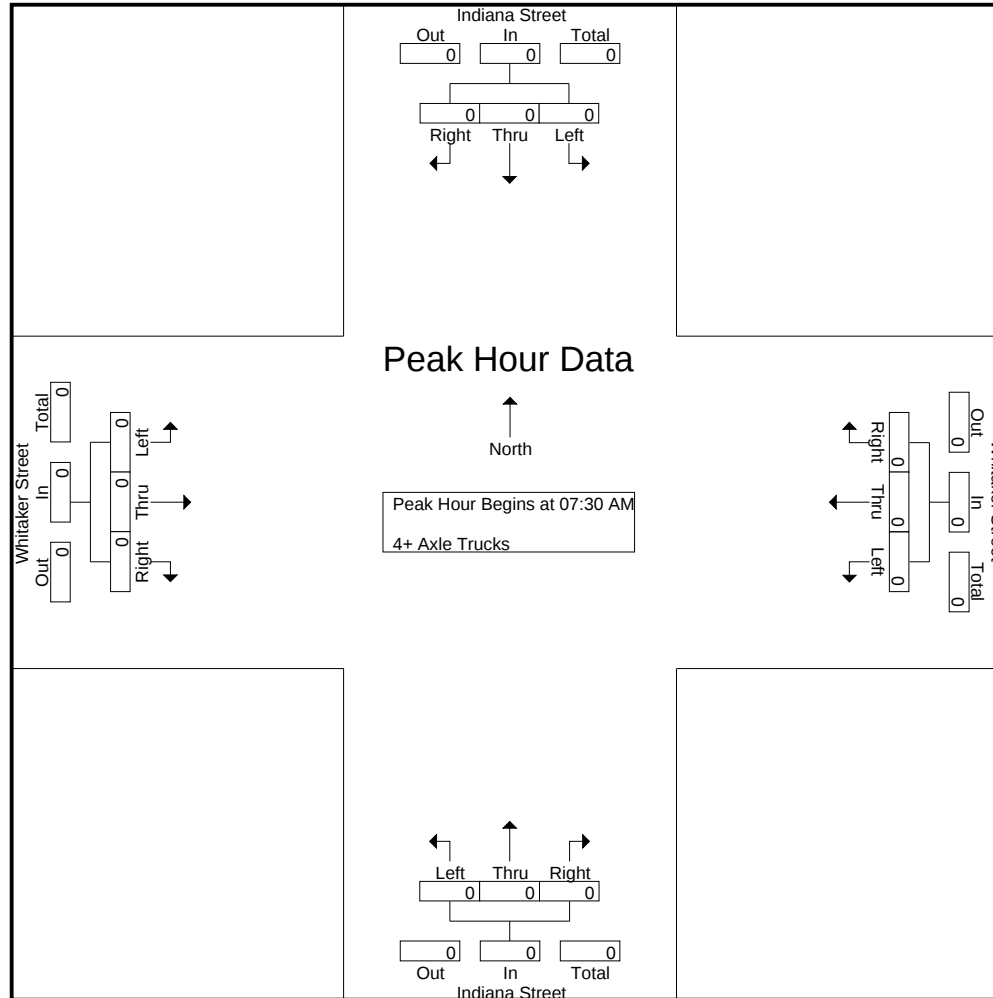
Groups Printed- 4+ Axle Trucks

	Indiana Street Southbound				Whitaker Street Westbound				Indiana Street Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30 AM	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1
Grand Total	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1
Apprch %	0	0	0		0	0	100		0	0	0		0	0	0		
Total %	0	0	0	0	0	0	100	100	0	0	0	0	0	0	0	0	

[illegible]

City of Buena Park
N/S: Indiana Street
E/W: Whitaker Street
Weather: Clear

File Name : 03_BPK_Indi_Whit AM
Site Code : 04224715
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City of Buena Park
N/S: Indiana Street
E/W: Whitaker Street
Weather: Clear

File Name : 03_BPK_Indi_Whit AM
Site Code : 04224715
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[illegible]

City of Buena Park
N/S: Indiana Street
E/W: Whitaker Street
Weather: Clear

File Name : 03_BPK_Indi_Whit PM
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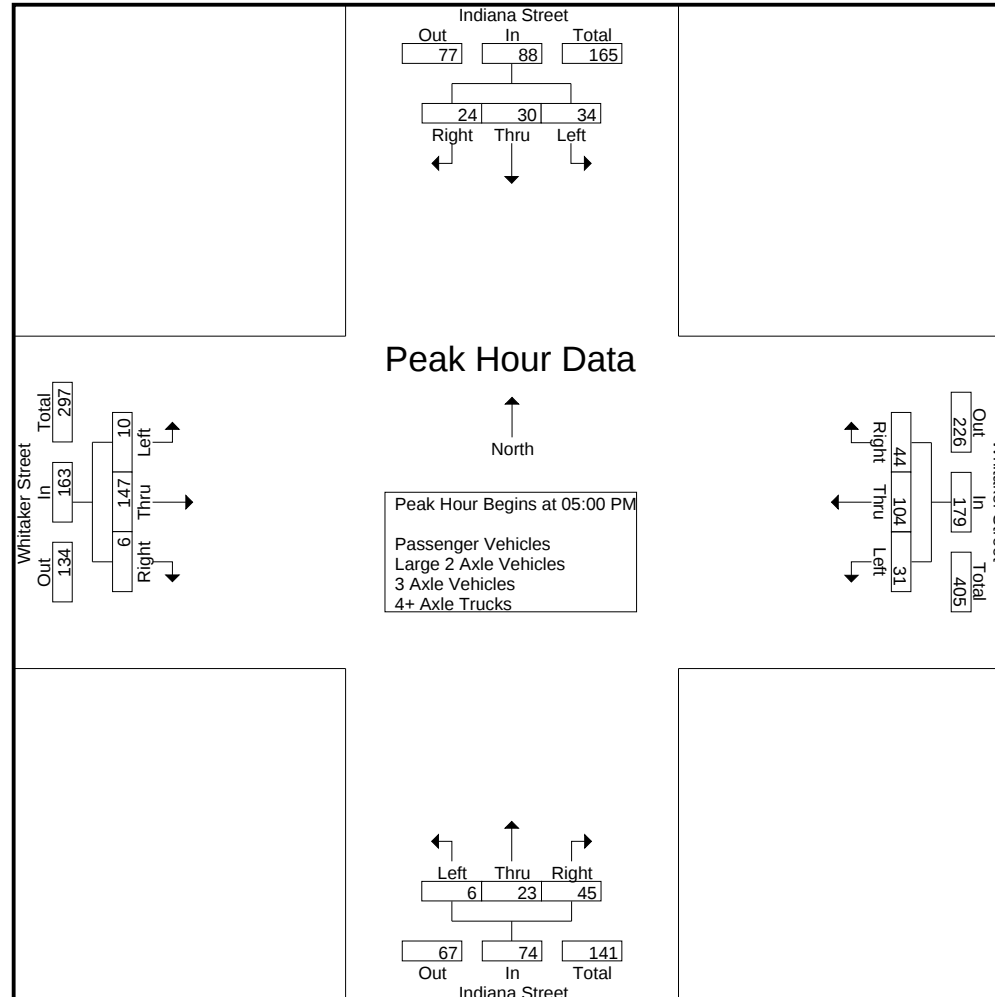
Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

	Indiana Street Southbound				Whitaker Street Westbound				Indiana Street Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	11	5	3	19	11	19	11	41	0	6	11	17	5	36	6	47	124
04:15 PM	6	4	3	13	7	18	4	29	2	3	10	15	4	28	4	36	93
04:30 PM	7	4	4	15	2	25	6	33	2	4	12	18	2	32	3	37	103
04:45 PM	11	5	5	21	7	27	5	39	3	8	8	19	2	27	2	31	110
Total	35	18	15	68	27	89	26	142	7	21	41	69	13	123	15	151	430
05:00 PM	7	8	7	22	7	27	11	45	2	8	13	23	2	36	1	39	129
05:15 PM	12	7	3	22	8	27	9	44	1	8	11	20	3	38	2	43	129
05:30 PM	4	3	5	12	9	29	10	48	1	7	12	20	4	44	1	49	129
05:45 PM	11	12	9	32	7	21	14	42	2	0	9	11	1	29	2	32	117
Total	34	30	24	88	31	104	44	179	6	23	45	74	10	147	6	163	504
Grand Total	69	48	39	156	58	193	70	321	13	44	86	143	23	270	21	314	934
Apprch %	44.2	30.8	25		18.1	60.1	21.8		9.1	30.8	60.1		7.3	86	6.7		
Total %	7.4	5.1	4.2	16.7	6.2	20.7	7.5	34.4	1.4	4.7	9.2	15.3	2.5	28.9	2.2	33.6	
Passenger Vehicles	69	47	37	153	58	191	70	319	13	44	84	141	22	267	20	309	922
% Passenger Vehicles	100	97.9	94.9	98.1	100	99	100	99.4	100	100	97.7	98.6	95.7	98.9	95.2	98.4	98.7
Large 2 Axle Vehicles	0	0	1	1	0	2	0	2	0	0	0	0	0	3	0	3	6
% Large 2 Axle Vehicles	0	0	2.6	0.6	0	1	0	0.6	0	0	0	0	0	1.1	0	1	0.6
3 Axle Vehicles	0	1	1	2	0	0	0	0	0	0	2	2	1	0	1	2	6
% 3 Axle Vehicles	0	2.1	2.6	1.3	0	0	0	0	0	0	2.3	1.4	4.3	0	4.8	0.6	0.6
4+ Axle Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% 4+ Axle Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	Indiana Street Southbound				Whitaker Street Westbound				Indiana Street Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	7	8	7	22	7	27	11	45	2	8	13	23	2	36	1	39	129
05:15 PM	12	7	3	22	8	27	9	44	1	8	11	20	3	38	2	43	129
05:30 PM	4	3	5	12	9	29	10	48	1	7	12	20	4	44	1	49	129
05:45 PM	11	12	9	32	7	21	14	42	2	0	9	11	1	29	2	32	117
Total Volume	34	30	24	88	31	104	44	179	6	23	45	74	10	147	6	163	504
% App. Total	38.6	34.1	27.3		17.3	58.1	24.6		8.1	31.1	60.8		6.1	90.2	3.7		
PHF	.708	.625	.667	.688	.861	.897	.786	.932	.750	.719	.865	.804	.625	.835	.750	.832	.977

City of Buena Park
N/S: Indiana Street
E/W: Whitaker Street
Weather: Clear

File Name : 03_BPK_Indi_Whit PM
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City of Buena Park
N/S: Indiana Street
E/W: Whitaker Street
Weather: Clear

File Name : 03_BPK_Indi_Whit PM
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	Indiana Street Southbound				Whitaker Street Westbound				Indiana Street Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	05:00 PM				05:00 PM				04:45 PM				05:00 PM				
+0 mins.	7	8	7	22	7	27	11	45	3	8	8	19	2	36	1	39	
+15 mins.	12	7	3	22	8	27	9	44	2	8	13	23	3	38	2	43	
+30 mins.	4	3	5	12	9	29	10	48	1	8	11	20	4	44	1	49	
+45 mins.	11	12	9	32	7	21	14	42	1	7	12	20	1	29	2	32	
Total Volume	34	30	24	88	31	104	44	179	7	31	44	82	10	147	6	163	
% App. Total	38.6	34.1	27.3		17.3	58.1	24.6		8.5	37.8	53.7		6.1	90.2	3.7		
PHF	.708	.625	.667	.688	.861	.897	.786	.932	.583	.969	.846	.891	.625	.835	.750	.832	

City of Buena Park
N/S: Indiana Street
E/W: Whitaker Street
Weather: Clear

File Name : 03_BPK_Indi_Whit PM
Site Code : 04224715
Start Date : 8/21/2024
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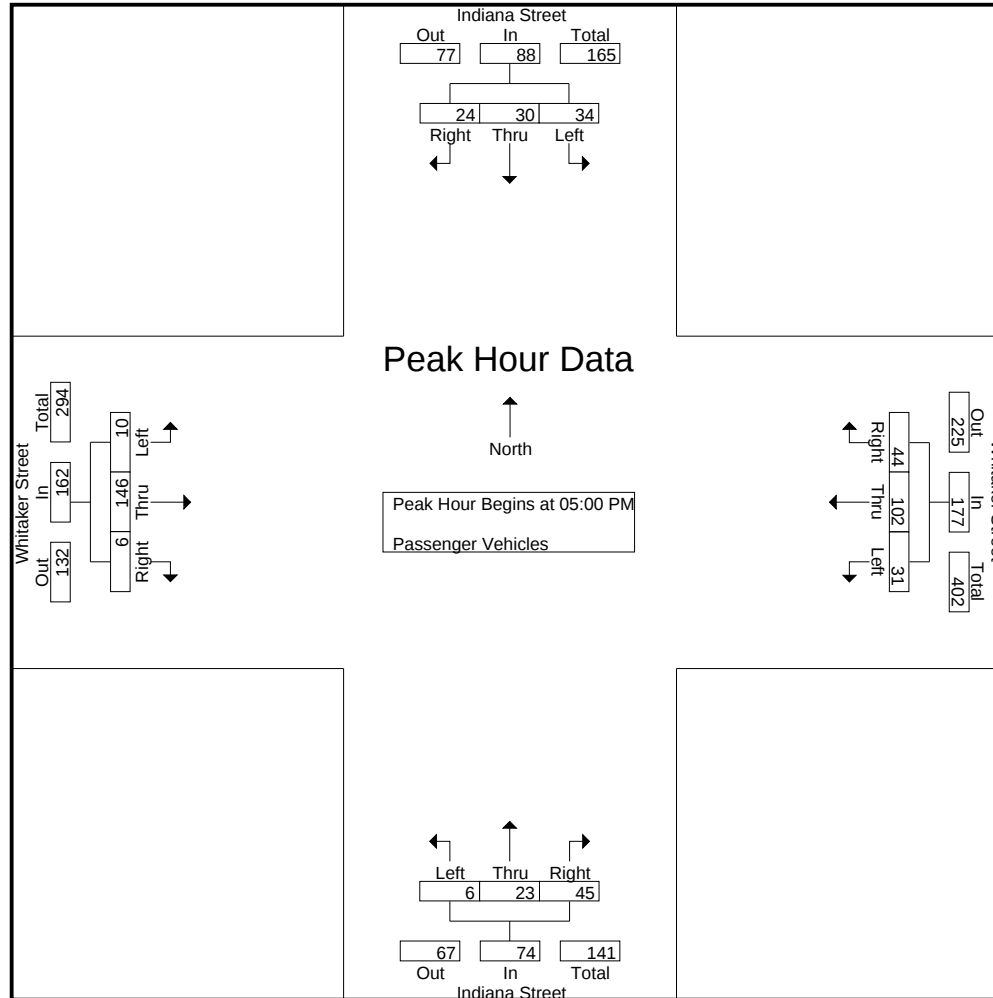
Groups Printed- Passenger Vehicles

	Indiana Street Southbound				Whitaker Street Westbound				Indiana Street Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	11	5	2	18	11	19	11	41	0	6	11	17	5	35	6	46	122
04:15 PM	6	4	3	13	7	18	4	29	2	3	10	15	4	28	3	35	92
04:30 PM	7	3	4	14	2	25	6	33	2	4	11	17	1	32	3	36	100
04:45 PM	11	5	4	20	7	27	5	39	3	8	7	18	2	26	2	30	107
Total	35	17	13	65	27	89	26	142	7	21	39	67	12	121	14	147	421
05:00 PM	7	8	7	22	7	27	11	45	2	8	13	23	2	36	1	39	129
05:15 PM	12	7	3	22	8	25	9	42	1	8	11	20	3	38	2	43	127
05:30 PM	4	3	5	12	9	29	10	48	1	7	12	20	4	43	1	48	128
05:45 PM	11	12	9	32	7	21	14	42	2	0	9	11	1	29	2	32	117
Total	34	30	24	88	31	102	44	177	6	23	45	74	10	146	6	162	501
Grand Total	69	47	37	153	58	191	70	319	13	44	84	141	22	267	20	309	922
Apprch %	45.1	30.7	24.2		18.2	59.9	21.9		9.2	31.2	59.6		7.1	86.4	6.5		
Total %	7.5	5.1	4	16.6	6.3	20.7	7.6	34.6	1.4	4.8	9.1	15.3	2.4	29	2.2	33.5	

	Indiana Street Southbound				Whitaker Street Westbound				Indiana Street Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. 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	7	8	7	22	7	27	11	45	2	8	13	23	2	36	1	39	129
05:15 PM	12	7	3	22	8	25	9	42	1	8	11	20	3	38	2	43	127
05:30 PM	4	3	5	12	9	29	10	48	1	7	12	20	4	43	1	48	128
05:45 PM	11	12	9	32	7	21	14	42	2	0	9	11	1	29	2	32	117
Total Volume	34	30	24	88	31	102	44	177	6	23	45	74	10	146	6	162	501
% App. Total	38.6	34.1	27.3		17.5	57.6	24.9		8.1	31.1	60.8		6.2	90.1	3.7		
PHF	.708	.625	.667	.688	.861	.879	.786	.922	.750	.719	.865	.804	.625	.849	.750	.844	.971

City of Buena Park
N/S: Indiana Street
E/W: Whitaker Street
Weather: Clear

File Name : 03_BPK_Indi_Whit PM
Site Code : 04224715
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City of Buena Park
N/S: Indiana Street
E/W: Whitaker Street
Weather: Clear

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	Indiana Street Southbound				Whitaker Street Westbound				Indiana Street Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
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.	7	8	7	22	7	27	11	45	2	8	13	23	2	36	1	39	
+15 mins.	12	7	3	22	8	25	9	42	1	8	11	20	3	38	2	43	
+30 mins.	4	3	5	12	9	29	10	48	1	7	12	20	4	43	1	48	
+45 mins.	11	12	9	32	7	21	14	42	2	0	9	11	1	29	2	32	
Total Volume	34	30	24	88	31	102	44	177	6	23	45	74	10	146	6	162	
% App. Total	38.6	34.1	27.3		17.5	57.6	24.9		8.1	31.1	60.8		6.2	90.1	3.7		
PHF	.708	.625	.667	.688	.861	.879	.786	.922	.750	.719	.865	.804	.625	.849	.750	.844	

City of Buena Park
N/S: Indiana Street
E/W: Whitaker Street
Weather: Clear

File Name : 03_BPK_Indi_Whit PM
Site Code : 04224715
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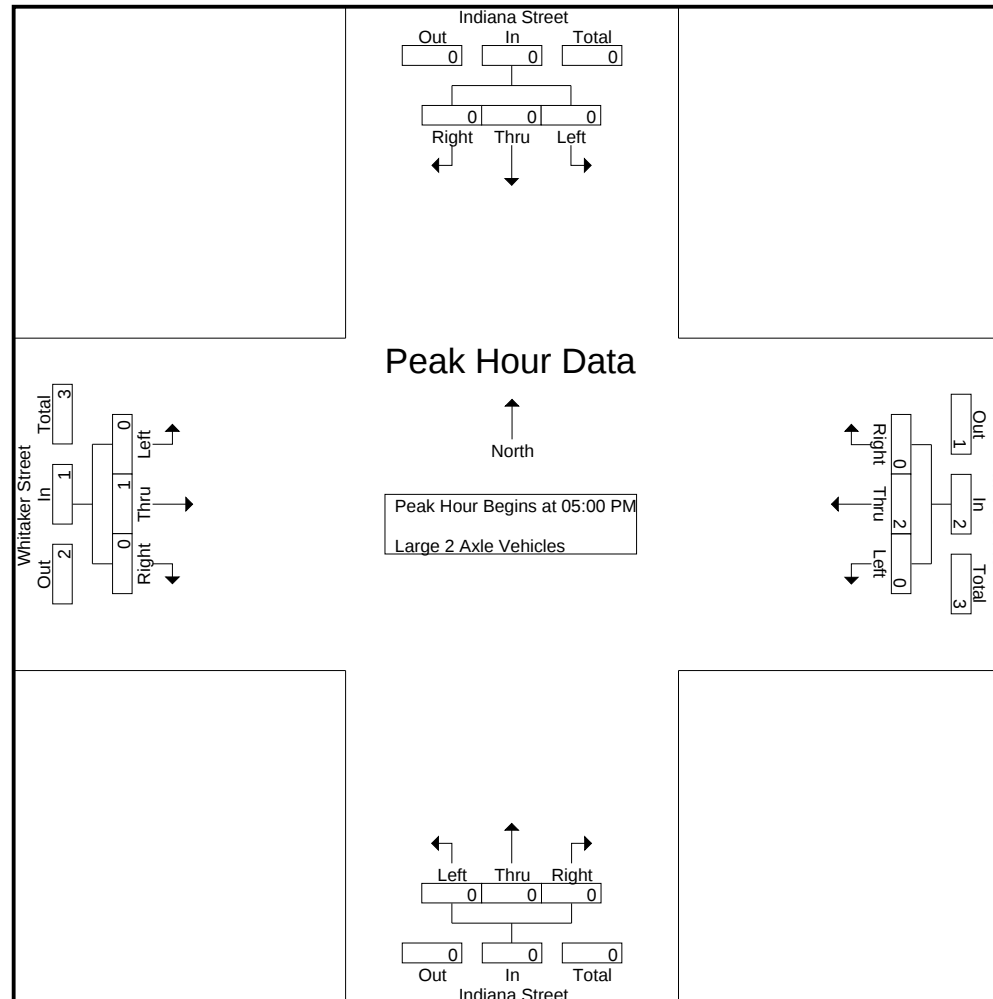
Groups Printed- Large 2 Axle Vehicles

	Indiana Street Southbound				Whitaker Street Westbound				Indiana Street Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	1	2
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Total	0	0	1	1	0	0	0	0	0	0	0	0	0	2	0	2	3
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	2	0	2	0	0	0	0	0	1	0	1	3
Grand Total	0	0	1	1	0	2	0	2	0	0	0	0	0	3	0	3	6
Apprch %	0	0	100		0	100	0		0	0	0		0	100	0		
Total %	0	0	16.7	16.7	0	33.3	0	33.3	0	0	0	0	0	50	0	50	

	Indiana Street Southbound				Whitaker Street Westbound				Indiana Street Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. 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	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	2	0	2	0	0	0	0	0	1	0	1	3
% App. Total	0	0	0		0	100	0		0	0	0		0	100	0		
PHF	.000	.000	.000	.000	.000	.250	.000	.250	.000	.000	.000	.000	.000	.250	.000	.250	.375

City of Buena Park
N/S: Indiana Street
E/W: Whitaker Street
Weather: Clear

File Name : 03_BPK_Indi_Whit PM
Site Code : 04224715
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City of Buena Park
N/S: Indiana Street
E/W: Whitaker Street
Weather: Clear

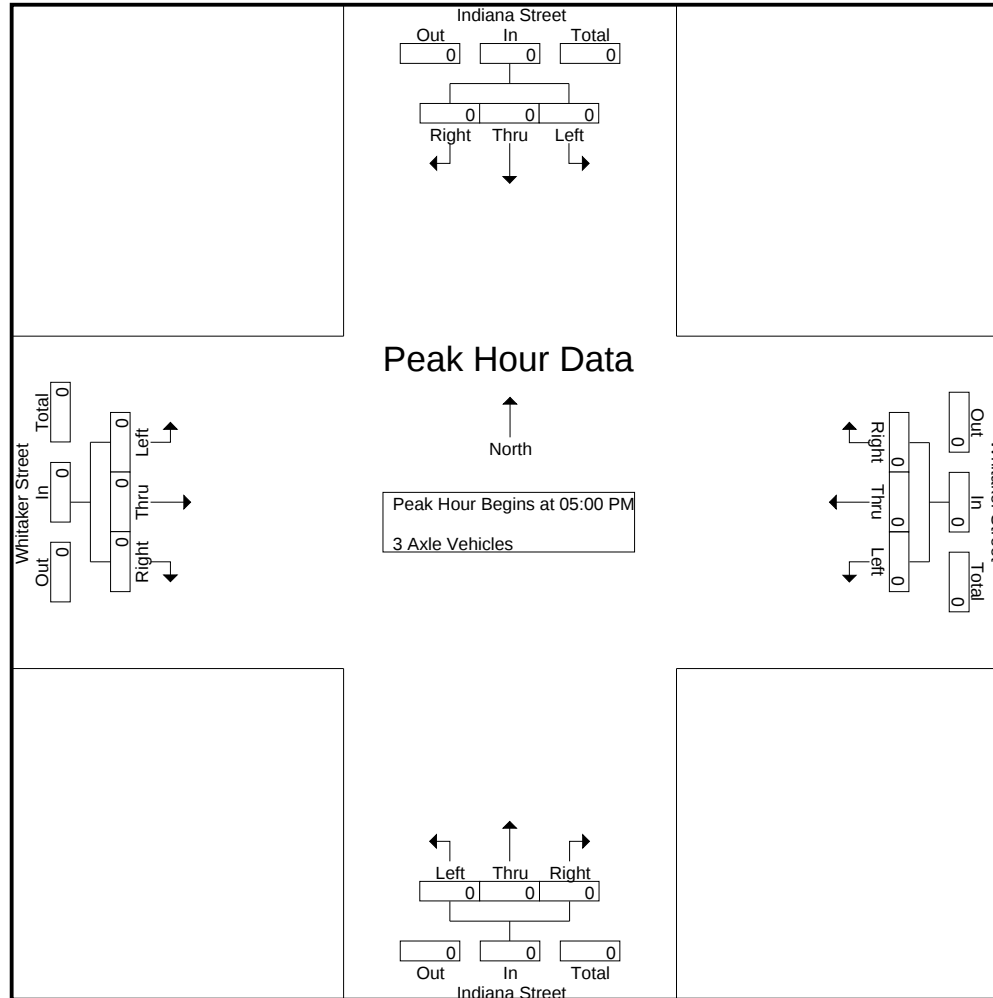
File Name : 03_BPK_Indi_Whit PM
Site Code : 04224715
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	Indiana Street Southbound				Whitaker Street Westbound				Indiana Street Northbound				Whitaker Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
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	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	2	0	2	0	0	0	0	0	1	0	1	1
% App. Total	0	0	0		0	100	0		0	0	0		0	100	0		
PHF	.000	.000	.000	.000	.000	.250	.000	.250	.000	.000	.000	.000	.000	.250	.000	.250	

[illegible]

City of Buena Park
N/S: Indiana Street
E/W: Whitaker Street
Weather: Clear

File Name : 03_BPK_Indi_Whit PM
Site Code : 04224715
Start Date : 8/21/2024
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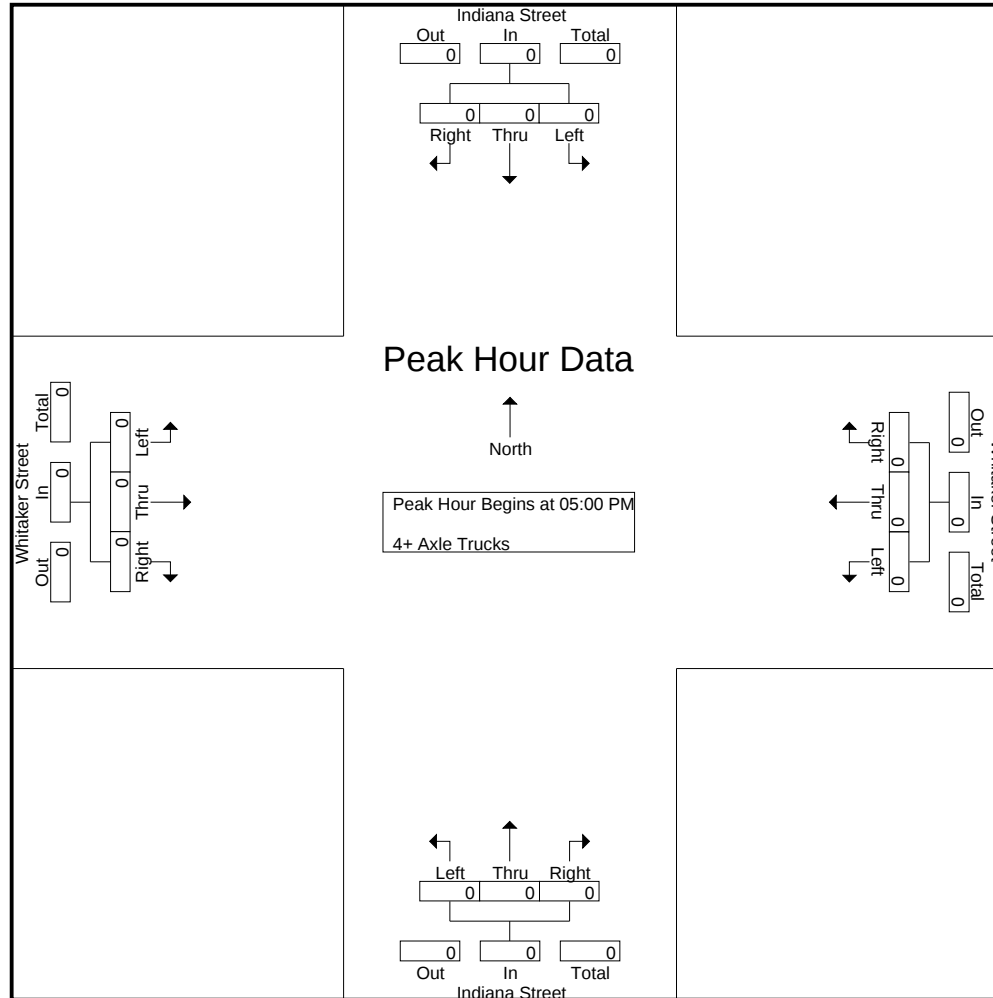
City of Buena Park
N/S: Indiana Street
E/W: Whitaker Street
Weather: Clear

File Name : 03_BPK_Indi_Whit PM
Site Code : 04224715
Start Date : 8/21/2024
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City of Buena Park
N/S: Indiana Street
E/W: Whitaker Street
Weather: Clear

File Name : 03_BPK_Indi_Whit PM
Site Code : 04224715
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City of Buena Park
N/S: Indiana Street
E/W: Whitaker Street
Weather: Clear

File Name : 03_BPK_Indi_Whit PM
Site Code : 04224715
Start Date : 8/21/2024
Page No : 3

[illegible]

Location: Buena Park
 N/S: Indiana Street
 E/W: Whitaker Street



Date: 8/21/2024
 Day: Wednesday

PEDESTRIANS

		North Leg Indiana Street	East Leg Whitaker Street	South Leg Indiana Street	West Leg Whitaker Street	
		Pedestrians	Pedestrians	Pedestrians	Pedestrians	
	7:00 AM	0	1	1	0	2
	7:15 AM	0	2	4	3	9
	7:30 AM	9	9	4	9	31
	7:45 AM	6	5	2	7	20
	8:00 AM	1	3	3	1	8
	8:15 AM	0	1	2	0	3
	8:30 AM	0	0	0	1	1
	8:45 AM	0	0	0	1	1
	TOTAL VOLUMES:	16	21	16	22	75

		North Leg Indiana Street	East Leg Whitaker Street	South Leg Indiana Street	West Leg Whitaker Street	
		Pedestrians	Pedestrians	Pedestrians	Pedestrians	
	4:00 PM	0	3	1	1	5
	4:15 PM	1	4	0	0	5
	4:30 PM	2	2	1	0	5
	4:45 PM	1	0	1	0	2
	5:00 PM	2	4	1	0	7
	5:15 PM	0	1	0	1	2
	5:30 PM	1	0	2	1	4
	5:45 PM	0	2	0	0	2
	TOTAL VOLUMES:	7	16	6	3	32

Location: Buena Park
N/S: Indiana Street
E/W: Whitaker Street



Date: 8/21/2024
Day: Wednesday

BICYCLES

		Southbound Indiana Street			Westbound Whitaker Street			Northbound Indiana Street			Eastbound Whitaker Street			
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
	7:00 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
	7:15 AM	0	0	0	0	0	0	0	0	2	0	0	0	2
	7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:00 AM	0	0	0	0	0	0	0	1	0	0	1	0	2
	8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:30 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
	8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:		0	0	0	0	1	0	0	1	2	0	2	0	6

		Southbound Indiana Street			Westbound Whitaker Street			Northbound Indiana Street			Eastbound Whitaker Street			
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
	4:00 PM	0	0	0	0	0	0	0	0	1	0	0	0	1
	4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:30 PM	0	0	0	0	0	0	0	0	1	0	1	0	2
	4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	5:00 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
	5:15 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
	5:30 PM	0	0	0	0	0	0	0	0	0	0	2	0	2
	5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:		0	0	0	0	0	0	0	1	2	0	4	0	7

City of Buena Park
N/S: California Street
E/W: 9th Street
Weather: Clear

File Name : 04_BPK_Cali_9th AM
Site Code : 04224715
Start Date : 8/21/2024
Page No : 1

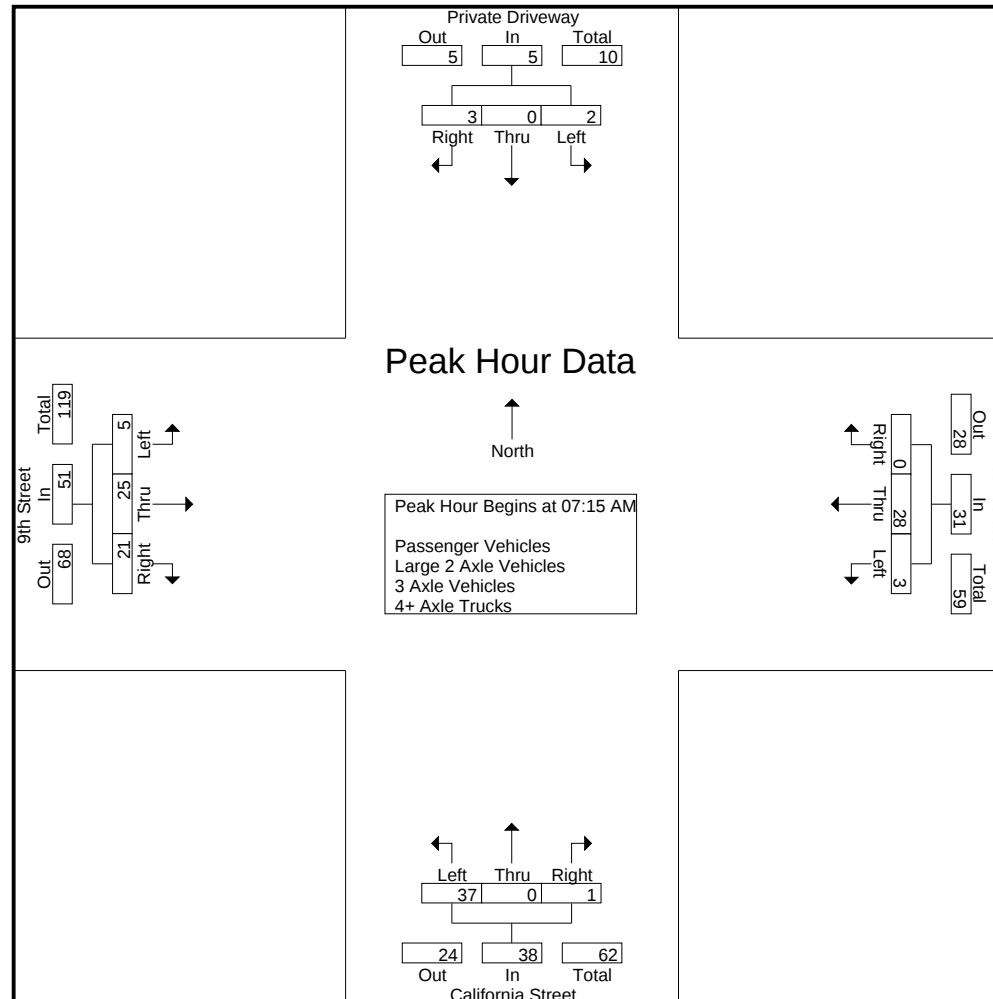
Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

	Private Driveway Southbound				9th Street Westbound				California Street Northbound				9th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	1	0	0	1	0	3	1	4	6	0	0	6	0	6	6	12	23
07:15 AM	1	0	2	3	2	12	0	14	11	0	0	11	1	3	3	7	35
07:30 AM	0	0	1	1	0	5	0	5	11	0	0	11	4	5	4	13	30
07:45 AM	0	0	0	0	0	9	0	9	11	0	1	12	0	7	7	14	35
Total	2	0	3	5	2	29	1	32	39	0	1	40	5	21	20	46	123
08:00 AM	1	0	0	1	1	2	0	3	4	0	0	4	0	10	7	17	25
08:15 AM	1	0	0	1	2	2	0	4	7	0	1	8	0	6	8	14	27
08:30 AM	0	0	0	0	0	5	1	6	4	0	0	4	1	3	7	11	21
08:45 AM	0	0	0	0	0	4	0	4	7	0	0	7	0	5	3	8	19
Total	2	0	0	2	3	13	1	17	22	0	1	23	1	24	25	50	92
Grand Total	4	0	3	7	5	42	2	49	61	0	2	63	6	45	45	96	215
Apprch %	57.1	0	42.9		10.2	85.7	4.1		96.8	0	3.2		6.2	46.9	46.9		
Total %	1.9	0	1.4	3.3	2.3	19.5	0.9	22.8	28.4	0	0.9	29.3	2.8	20.9	20.9	44.7	
Passenger Vehicles	4	0	3	7	4	39	2	45	60	0	2	62	5	43	44	92	206
% Passenger Vehicles	100	0	100	100	80	92.9	100	91.8	98.4	0	100	98.4	83.3	95.6	97.8	95.8	95.8
Large 2 Axle Vehicles	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1	2
% Large 2 Axle Vehicles	0	0	0	0	0	2.4	0	2	0	0	0	0	0	2.2	0	1	0.9
3 Axle Vehicles	0	0	0	0	1	2	0	3	1	0	0	1	0	1	0	1	5
% 3 Axle Vehicles	0	0	0	0	20	4.8	0	6.1	1.6	0	0	1.6	0	2.2	0	1	2.3
4+ Axle Trucks	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	2
% 4+ Axle Trucks	0	0	0	0	0	0	0	0	0	0	0	0	16.7	0	2.2	2.1	0.9

	Private Driveway Southbound				9th Street Westbound				California Street Northbound				9th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:15 AM																	
07:15 AM	1	0	2	3	2	12	0	14	11	0	0	11	1	3	3	7	35
07:30 AM	0	0	1	1	0	5	0	5	11	0	0	11	4	5	4	13	30
07:45 AM	0	0	0	0	0	9	0	9	11	0	1	12	0	7	7	14	35
08:00 AM	1	0	0	1	1	2	0	3	4	0	0	4	0	10	7	17	25
Total Volume	2	0	3	5	3	28	0	31	37	0	1	38	5	25	21	51	125
% App. Total	40	0	60		9.7	90.3	0		97.4	0	2.6		9.8	49	41.2		
PHF	.500	.000	.375	.417	.375	.583	.000	.554	.841	.000	.250	.792	.313	.625	.750	.750	.893

City of Buena Park
N/S: California Street
E/W: 9th Street
Weather: Clear

File Name : 04_BPK_Cali_9th AM
Site Code : 04224715
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City of Buena Park
N/S: California Street
E/W: 9th Street
Weather: Clear

File Name : 04_BPK_Cali_9th AM
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	Private Driveway Southbound				9th Street Westbound				California Street Northbound				9th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:00 AM				07:00 AM				07:00 AM				07:30 AM				
+0 mins.	1	0	0	1	0	3	1	4	6	0	0	6	4	5	4	13	
+15 mins.	1	0	2	3	2	12	0	14	11	0	0	11	0	7	7	14	
+30 mins.	0	0	1	1	0	5	0	5	11	0	0	11	0	10	7	17	
+45 mins.	0	0	0	0	0	9	0	9	11	0	1	12	0	6	8	14	
Total Volume	2	0	3	5	2	29	1	32	39	0	1	40	4	28	26	58	
% App. Total	40	0	60		6.2	90.6	3.1		97.5	0	2.5		6.9	48.3	44.8		
PHF	.500	.000	.375	.417	.250	.604	.250	.571	.886	.000	.250	.833	.250	.700	.813	.853	

City of Buena Park
N/S: California Street
E/W: 9th Street
Weather: Clear

File Name : 04_BPK_Cali_9th AM
Site Code : 04224715
Start Date : 8/21/2024
Page No : 1

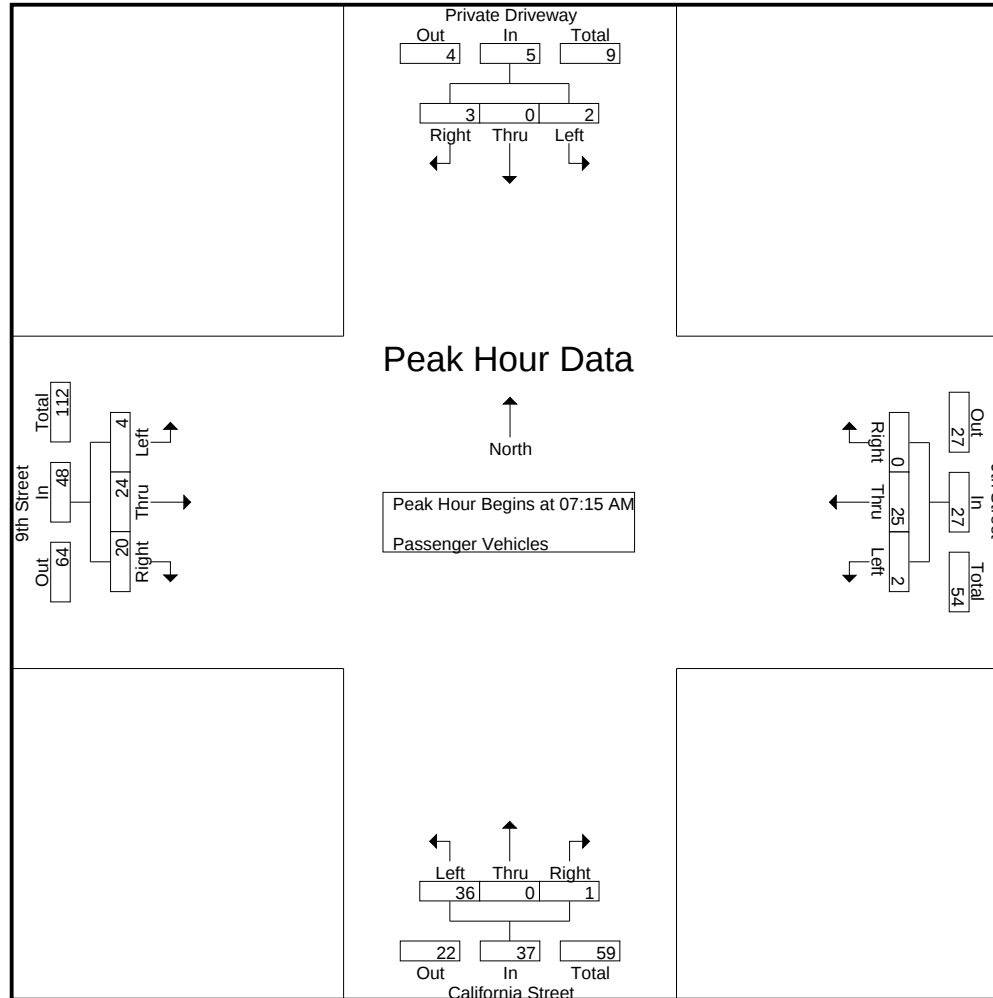
Groups Printed- Passenger Vehicles

	Private Driveway Southbound				9th Street Westbound				California Street Northbound				9th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	1	0	0	1	0	3	1	4	6	0	0	6	0	6	6	12	23
07:15 AM	1	0	2	3	1	10	0	11	10	0	0	10	1	2	3	6	30
07:30 AM	0	0	1	1	0	4	0	4	11	0	0	11	3	5	3	11	27
07:45 AM	0	0	0	0	0	9	0	9	11	0	1	12	0	7	7	14	35
Total	2	0	3	5	1	26	1	28	38	0	1	39	4	20	19	43	115
08:00 AM	1	0	0	1	1	2	0	3	4	0	0	4	0	10	7	17	25
08:15 AM	1	0	0	1	2	2	0	4	7	0	1	8	0	6	8	14	27
08:30 AM	0	0	0	0	0	5	1	6	4	0	0	4	1	2	7	10	20
08:45 AM	0	0	0	0	0	4	0	4	7	0	0	7	0	5	3	8	19
Total	2	0	0	2	3	13	1	17	22	0	1	23	1	23	25	49	91
Grand Total	4	0	3	7	4	39	2	45	60	0	2	62	5	43	44	92	206
Apprch %	57.1	0	42.9		8.9	86.7	4.4		96.8	0	3.2		5.4	46.7	47.8		
Total %	1.9	0	1.5	3.4	1.9	18.9	1	21.8	29.1	0	1	30.1	2.4	20.9	21.4	44.7	

	Private Driveway Southbound				9th Street Westbound				California Street Northbound				9th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. 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	1	0	2	3	1	10	0	11	10	0	0	10	1	2	3	6	30
07:30 AM	0	0	1	1	0	4	0	4	11	0	0	11	3	5	3	11	27
07:45 AM	0	0	0	0	0	9	0	9	11	0	1	12	0	7	7	14	35
08:00 AM	1	0	0	1	1	2	0	3	4	0	0	4	0	10	7	17	25
Total Volume	2	0	3	5	2	25	0	27	36	0	1	37	4	24	20	48	117
% App. Total	40	0	60		7.4	92.6	0		97.3	0	2.7		8.3	50	41.7		
PHF	.500	.000	.375	.417	.500	.625	.000	.614	.818	.000	.250	.771	.333	.600	.714	.706	.836

City of Buena Park
N/S: California Street
E/W: 9th Street
Weather: Clear

File Name : 04_BPK_Cali_9th AM
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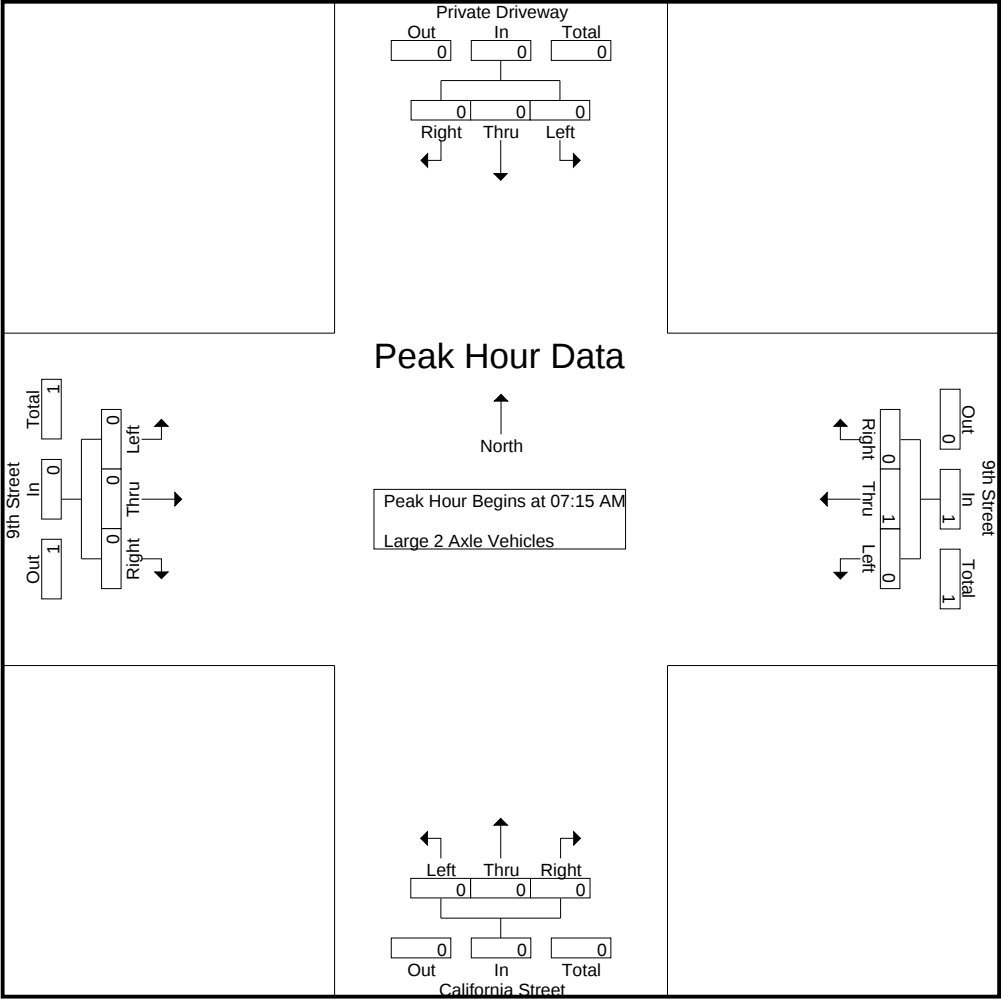
City of Buena Park
N/S: California Street
E/W: 9th Street
Weather: Clear

File Name : 04_BPK_Cali_9th AM
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	Private Driveway Southbound				9th Street Westbound				California Street Northbound				9th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
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.	1	0	2	3	1	10	0	11	10	0	0	10	1	2	3	6	
+15 mins.	0	0	1	1	0	4	0	4	11	0	0	11	3	5	3	11	
+30 mins.	0	0	0	0	0	9	0	9	11	0	1	12	0	7	7	14	
+45 mins.	1	0	0	1	1	2	0	3	4	0	0	4	0	10	7	17	
Total Volume	2	0	3	5	2	25	0	27	36	0	1	37	4	24	20	48	
% App. Total	40	0	60		7.4	92.6	0		97.3	0	2.7		8.3	50	41.7		
PHF	.500	.000	.375	.417	.500	.625	.000	.614	.818	.000	.250	.771	.333	.600	.714	.706	

City of Buena Park
N/S: California Street
E/W: 9th Street
Weather: Clear

File Name : 04_BPK_Cali_9th AM
Site Code : 04224715
Start Date : 8/21/2024
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Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Buena Park
N/S: California Street
E/W: 9th Street
Weather: Clear

File Name : 04_BPK_Cali_9th AM
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City of Buena Park
N/S: California Street
E/W: 9th Street
Weather: Clear

File Name : 04_BPK_Cali_9th AM
Site Code : 04224715
Start Date : 8/21/2024
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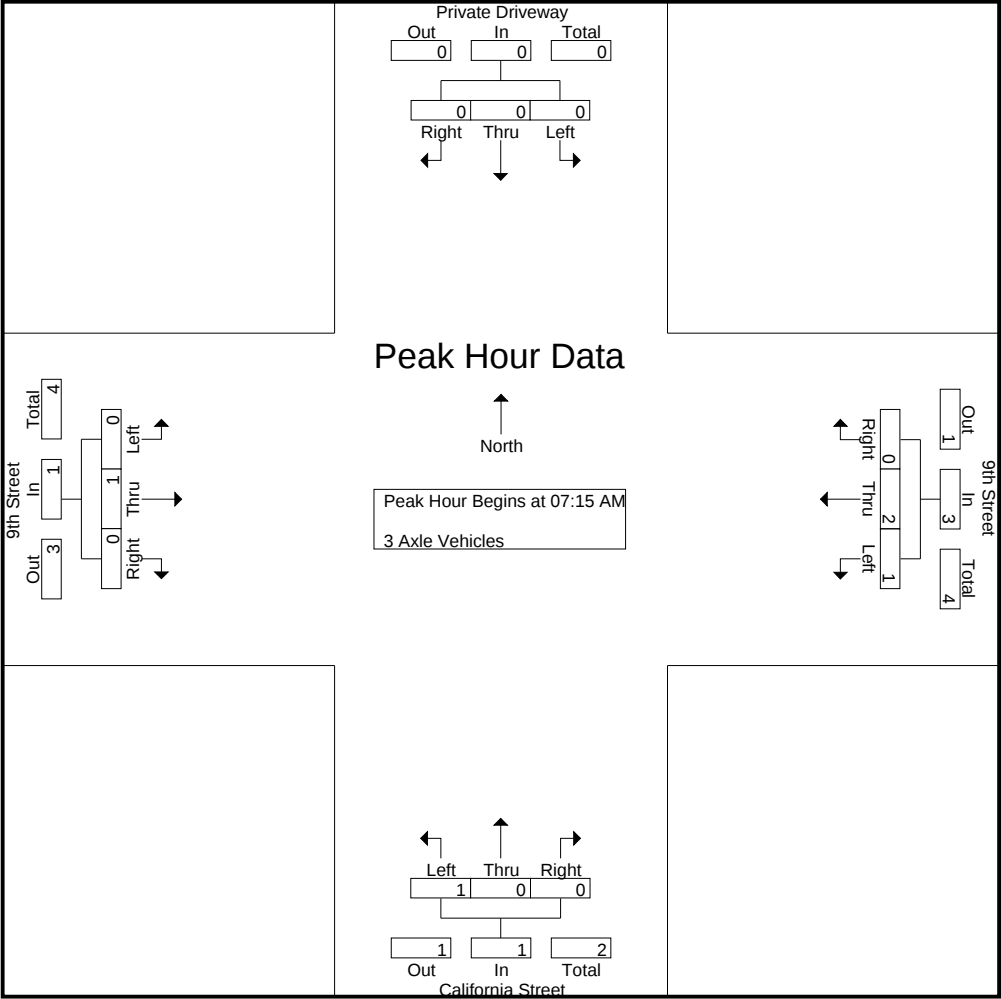
Groups Printed- 3 Axle Vehicles

	Private Driveway Southbound				9th Street Westbound				California Street Northbound				9th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	0	0	0	1	1	0	2	1	0	0	1	0	1	0	1	4
07:30 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	1	2	0	3	1	0	0	1	0	1	0	1	5
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	0	0	0	0	1	2	0	3	1	0	0	1	0	1	0	1	5
Apprch %	0	0	0		33.3	66.7	0		100	0	0		0	100	0		
Total %	0	0	0		20	40	0	60	20	0	0	20	0	20	0	20	

	Private Driveway Southbound				9th Street Westbound				California Street Northbound				9th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. 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	0	0	0	1	1	0	2	1	0	0	1	0	1	0	1	4
07:30 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	1	2	0	3	1	0	0	1	0	1	0	1	5
% App. Total	0	0	0		33.3	66.7	0		100	0	0		0	100	0		
PHF	.000	.000	.000	.000	.250	.500	.000	.375	.250	.000	.000	.250	.000	.250	.000	.250	.313

City of Buena Park
N/S: California Street
E/W: 9th Street
Weather: Clear

File Name : 04_BPK_Cali_9th AM
Site Code : 04224715
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City of Buena Park
N/S: California Street
E/W: 9th Street
Weather: Clear

File Name : 04_BPK_Cali_9th AM
Site Code : 04224715
Start Date : 8/21/2024
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	Private Driveway Southbound				9th Street Westbound				California Street Northbound				9th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
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	0	0	0	1	1	0	2	1	0	0	1	0	1	0	1	
+15 mins.	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total Volume	0	0	0	0	1	2	0	3	1	0	0	1	0	1	0	1	
% App. Total	0	0	0		33.3	66.7	0		100	0	0		0	100	0		
PHF	.000	.000	.000	.000	.250	.500	.000	.375	.250	.000	.000	.250	.000	.250	.000	.250	

City of Buena Park
N/S: California Street
E/W: 9th Street
Weather: Clear

File Name : 04_BPK_Cali_9th AM
Site Code : 04224715
Start Date : 8/21/2024
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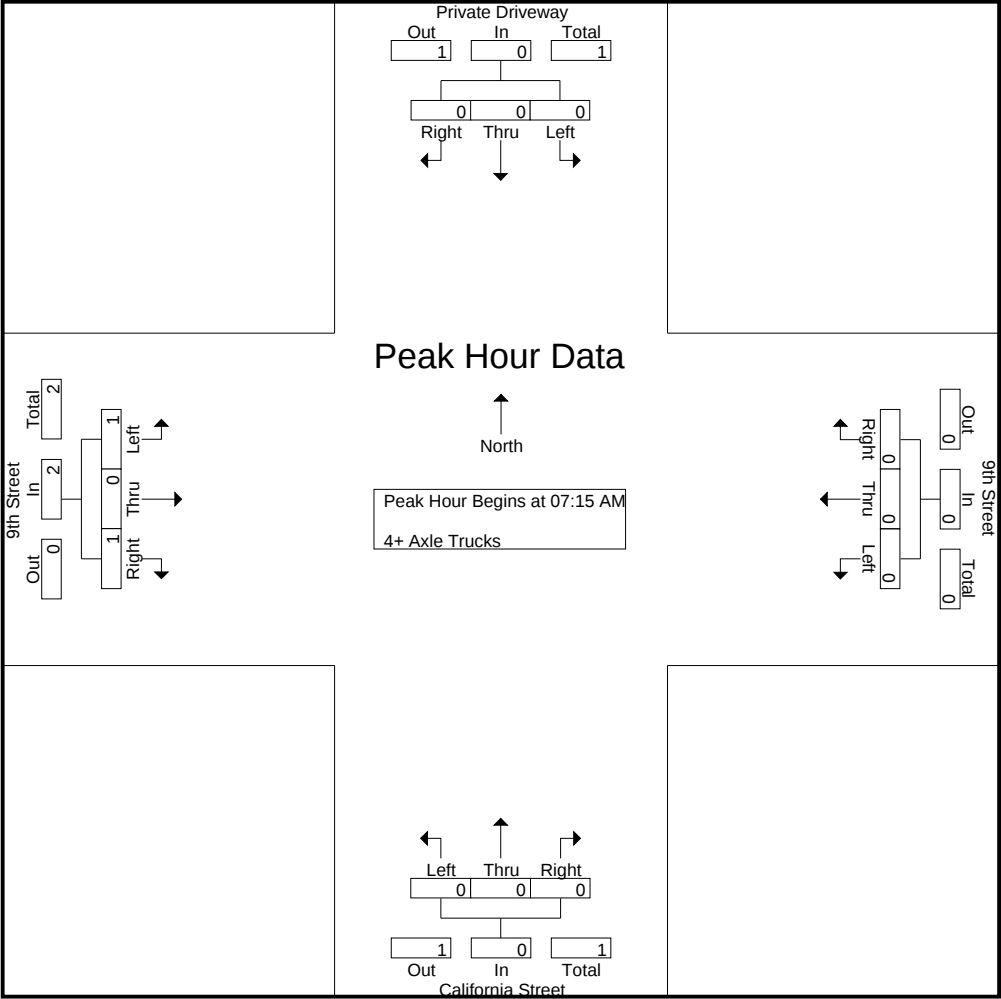
Groups Printed- 4+ Axle Trucks

	Private Driveway Southbound				9th Street Westbound				California Street Northbound				9th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	2
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	2
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	2
Apprch %	0	0	0		0	0	0		0	0	0		50	0	50		
Total %	0	0	0		0	0	0		0	0	0		50	0	50	100	

	Private Driveway Southbound				9th Street Westbound				California Street Northbound				9th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. 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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	2
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	2
% App. Total	0	0	0		0	0	0		0	0	0		50	0	50		
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.250	.000	.250	.250	.250

City of Buena Park
N/S: California Street
E/W: 9th Street
Weather: Clear

File Name : 04_BPK_Cali_9th AM
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City of Buena Park
N/S: California Street
E/W: 9th Street
Weather: Clear

File Name : 04_BPK_Cali_9th AM
Site Code : 04224715
Start Date : 8/21/2024
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	Private Driveway Southbound				9th Street Westbound				California Street Northbound				9th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	2
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	2
% App. Total	0	0	0		0	0	0		0	0	0		50	0	50		
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.250	.000	.250	.250	

City of Buena Park
N/S: California Street
E/W: 9th Street
Weather: Clear

File Name : 04_BPK_Cali_9th PM
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Start Date : 8/21/2024
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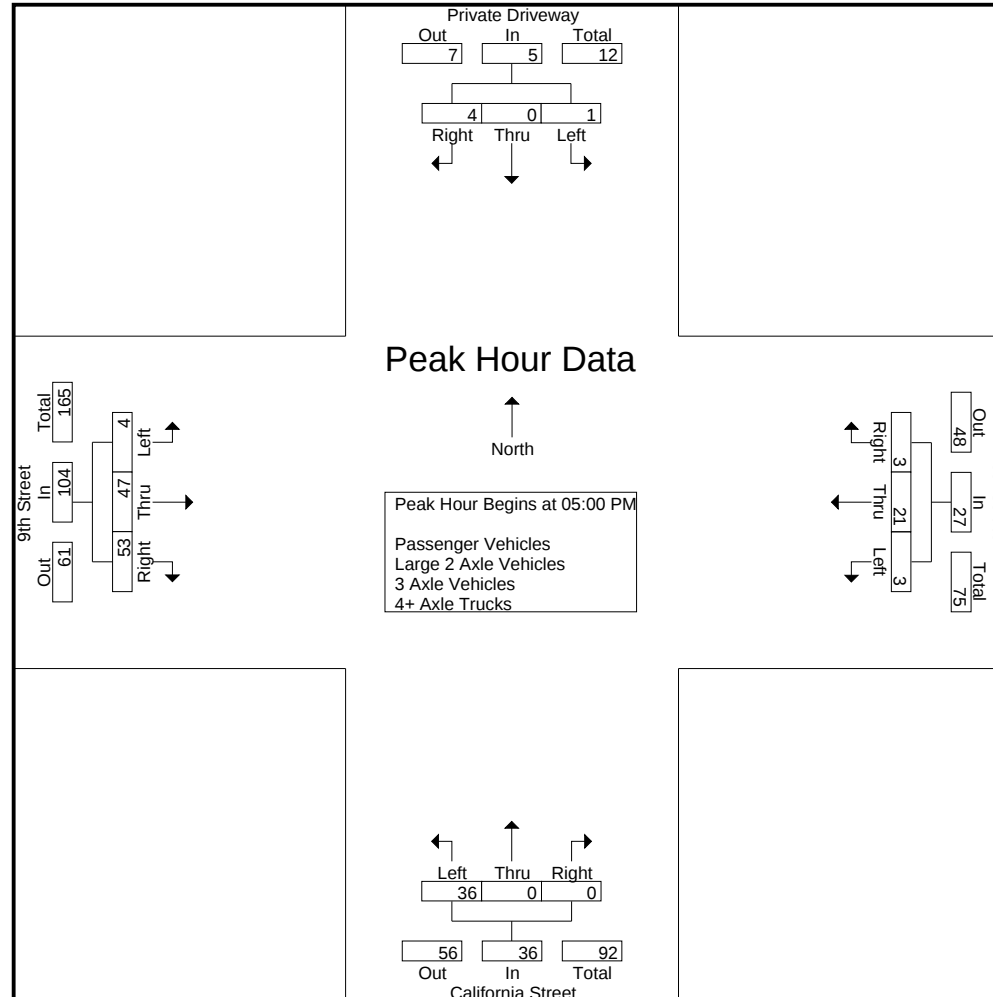
Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

	Private Driveway Southbound				9th Street Westbound				California Street Northbound				9th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	0	0	0	0	5	0	5	11	0	0	11	0	9	6	15	31
04:15 PM	0	0	0	0	1	5	0	6	3	0	0	3	2	10	15	27	36
04:30 PM	0	0	0	0	1	0	0	1	6	0	0	6	0	6	6	12	19
04:45 PM	0	0	0	0	0	6	0	6	3	0	0	3	3	10	9	22	31
Total	0	0	0	0	2	16	0	18	23	0	0	23	5	35	36	76	117
05:00 PM	1	0	0	1	1	7	1	9	7	0	0	7	1	9	8	18	35
05:15 PM	0	0	1	1	2	3	0	5	13	0	0	13	1	11	12	24	43
05:30 PM	0	0	1	1	0	4	0	4	5	0	0	5	1	16	16	33	43
05:45 PM	0	0	2	2	0	7	2	9	11	0	0	11	1	11	17	29	51
Total	1	0	4	5	3	21	3	27	36	0	0	36	4	47	53	104	172
Grand Total	1	0	4	5	5	37	3	45	59	0	0	59	9	82	89	180	289
Apprch %	20	0	80		11.1	82.2	6.7		100	0	0		5	45.6	49.4		
Total %	0.3	0	1.4	1.7	1.7	12.8	1	15.6	20.4	0	0	20.4	3.1	28.4	30.8	62.3	
Passenger Vehicles	1	0	4	5	3	35	3	41	57	0	0	57	9	81	87	177	280
% Passenger Vehicles	100	0	100	100	60	94.6	100	91.1	96.6	0	0	96.6	100	98.8	97.8	98.3	96.9
Large 2 Axle Vehicles	0	0	0	0	0	0	0	0	2	0	0	2	0	0	1	1	3
% Large 2 Axle Vehicles	0	0	0	0	0	0	0	0	3.4	0	0	3.4	0	0	1.1	0.6	1
3 Axle Vehicles	0	0	0	0	2	2	0	4	0	0	0	0	0	1	1	2	6
% 3 Axle Vehicles	0	0	0	0	40	5.4	0	8.9	0	0	0	0	0	1.2	1.1	1.1	2.1
4+ Axle Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% 4+ Axle Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	Private Driveway Southbound				9th Street Westbound				California Street Northbound				9th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	1	0	0	1	1	7	1	9	7	0	0	7	1	9	8	18	35
05:15 PM	0	0	1	1	2	3	0	5	13	0	0	13	1	11	12	24	43
05:30 PM	0	0	1	1	0	4	0	4	5	0	0	5	1	16	16	33	43
05:45 PM	0	0	2	2	0	7	2	9	11	0	0	11	1	11	17	29	51
Total Volume	1	0	4	5	3	21	3	27	36	0	0	36	4	47	53	104	172
% App. Total	20	0	80		11.1	77.8	11.1		100	0	0		3.8	45.2	51		
PHF	.250	.000	.500	.625	.375	.750	.375	.750	.692	.000	.000	.692	1.00	.734	.779	.788	.843

City of Buena Park
N/S: California Street
E/W: 9th Street
Weather: Clear

File Name : 04_BPK_Cali_9th PM
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 Corona, CA 92878
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City of Buena Park
 N/S: California Street
 E/W: 9th Street
 Weather: Clear

File Name : 04_BPK_Cali_9th PM
 Site Code : 04224715
 Start Date : 8/21/2024
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	Private Driveway Southbound				9th Street Westbound				California Street Northbound				9th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 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.	1	0	0	1	1	7	1	9	7	0	0	7	1	9	8	18	
+15 mins.	0	0	1	1	2	3	0	5	13	0	0	13	1	11	12	24	
+30 mins.	0	0	1	1	0	4	0	4	5	0	0	5	1	16	16	33	
+45 mins.	0	0	2	2	0	7	2	9	11	0	0	11	1	11	17	29	
Total Volume	1	0	4	5	3	21	3	27	36	0	0	36	4	47	53	104	
% App. Total	20	0	80		11.1	77.8	11.1		100	0	0		3.8	45.2	51		
PHF	.250	.000	.500	.625	.375	.750	.375	.750	.692	.000	.000	.692	1.000	.734	.779	.788	

City of Buena Park
N/S: California Street
E/W: 9th Street
Weather: Clear

File Name : 04_BPK_Cali_9th PM
Site Code : 04224715
Start Date : 8/21/2024
Page No : 1

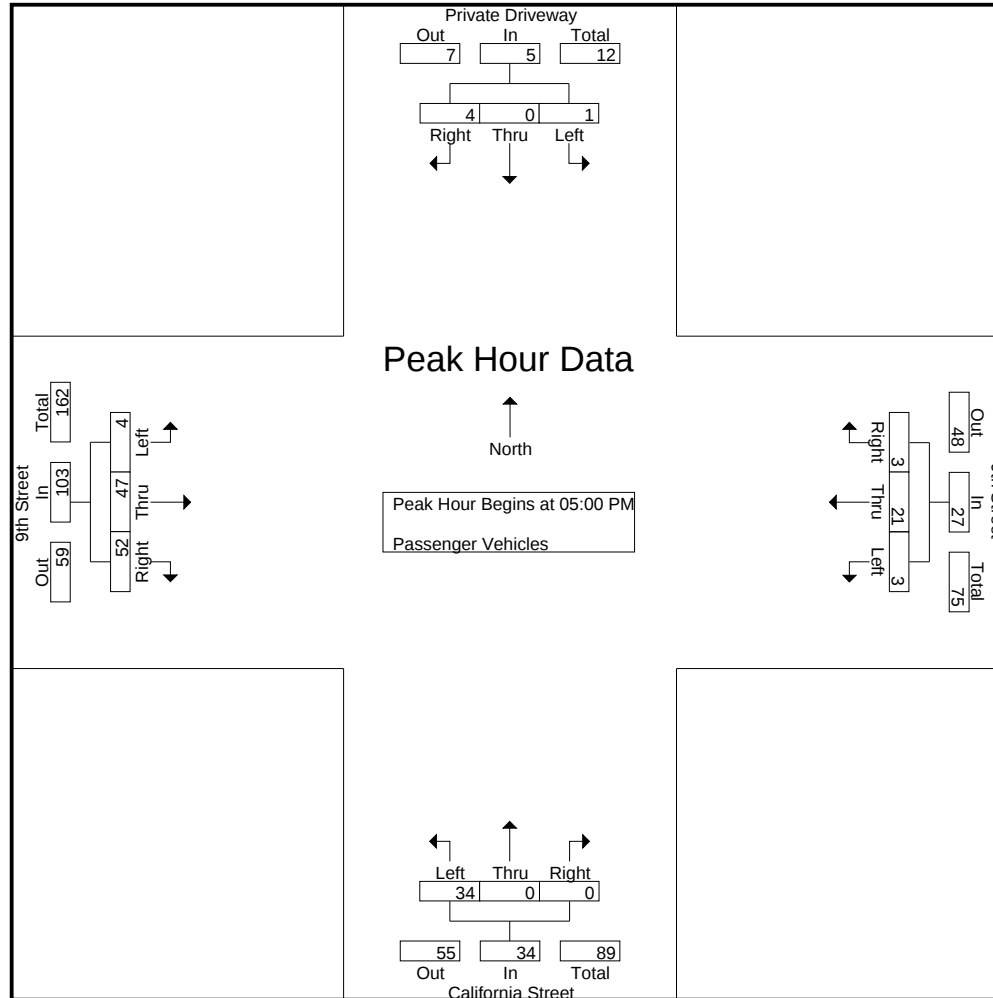
Groups Printed- Passenger Vehicles

	Private Driveway Southbound				9th Street Westbound				California Street Northbound				9th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	0	0	0	0	5	0	5	11	0	0	11	0	9	6	15	31
04:15 PM	0	0	0	0	0	5	0	5	3	0	0	3	2	10	15	27	35
04:30 PM	0	0	0	0	0	0	0	0	6	0	0	6	0	6	5	11	17
04:45 PM	0	0	0	0	0	4	0	4	3	0	0	3	3	9	9	21	28
Total	0	0	0	0	0	14	0	14	23	0	0	23	5	34	35	74	111
05:00 PM	1	0	0	1	1	7	1	9	7	0	0	7	1	9	8	18	35
05:15 PM	0	0	1	1	2	3	0	5	13	0	0	13	1	11	12	24	43
05:30 PM	0	0	1	1	0	4	0	4	4	0	0	4	1	16	15	32	41
05:45 PM	0	0	2	2	0	7	2	9	10	0	0	10	1	11	17	29	50
Total	1	0	4	5	3	21	3	27	34	0	0	34	4	47	52	103	169
Grand Total	1	0	4	5	3	35	3	41	57	0	0	57	9	81	87	177	280
Apprch %	20	0	80		7.3	85.4	7.3		100	0	0		5.1	45.8	49.2		
Total %	0.4	0	1.4	1.8	1.1	12.5	1.1	14.6	20.4	0	0	20.4	3.2	28.9	31.1	63.2	

	Private Driveway Southbound				9th Street Westbound				California Street Northbound				9th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. 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	1	0	0	1	1	7	1	9	7	0	0	7	1	9	8	18	35
05:15 PM	0	0	1	1	2	3	0	5	13	0	0	13	1	11	12	24	43
05:30 PM	0	0	1	1	0	4	0	4	4	0	0	4	1	16	15	32	41
05:45 PM	0	0	2	2	0	7	2	9	10	0	0	10	1	11	17	29	50
Total Volume	1	0	4	5	3	21	3	27	34	0	0	34	4	47	52	103	169
% App. Total	20	0	80		11.1	77.8	11.1		100	0	0		3.9	45.6	50.5		
PHF	.250	.000	.500	.625	.375	.750	.375	.750	.654	.000	.000	.654	1.00	.734	.765	.805	.845

City of Buena Park
N/S: California Street
E/W: 9th Street
Weather: Clear

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City of Buena Park
 N/S: California Street
 E/W: 9th Street
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File Name : 04_BPK_Cali_9th PM
 Site Code : 04224715
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	Private Driveway Southbound				9th Street Westbound				California Street Northbound				9th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
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.	1	0	0	1	1	7	1	9	7	0	0	7	1	9	8	18	
+15 mins.	0	0	1	1	2	3	0	5	13	0	0	13	1	11	12	24	
+30 mins.	0	0	1	1	0	4	0	4	4	0	0	4	1	16	15	32	
+45 mins.	0	0	2	2	0	7	2	9	10	0	0	10	1	11	17	29	
Total Volume	1	0	4	5	3	21	3	27	34	0	0	34	4	47	52	103	
% App. Total	20	0	80		11.1	77.8	11.1		100	0	0		3.9	45.6	50.5		
PHF	.250	.000	.500	.625	.375	.750	.375	.750	.654	.000	.000	.654	1.000	.734	.765	.805	

City of Buena Park
N/S: California Street
E/W: 9th Street
Weather: Clear

File Name : 04_BPK_Cali_9th PM
Site Code : 04224715
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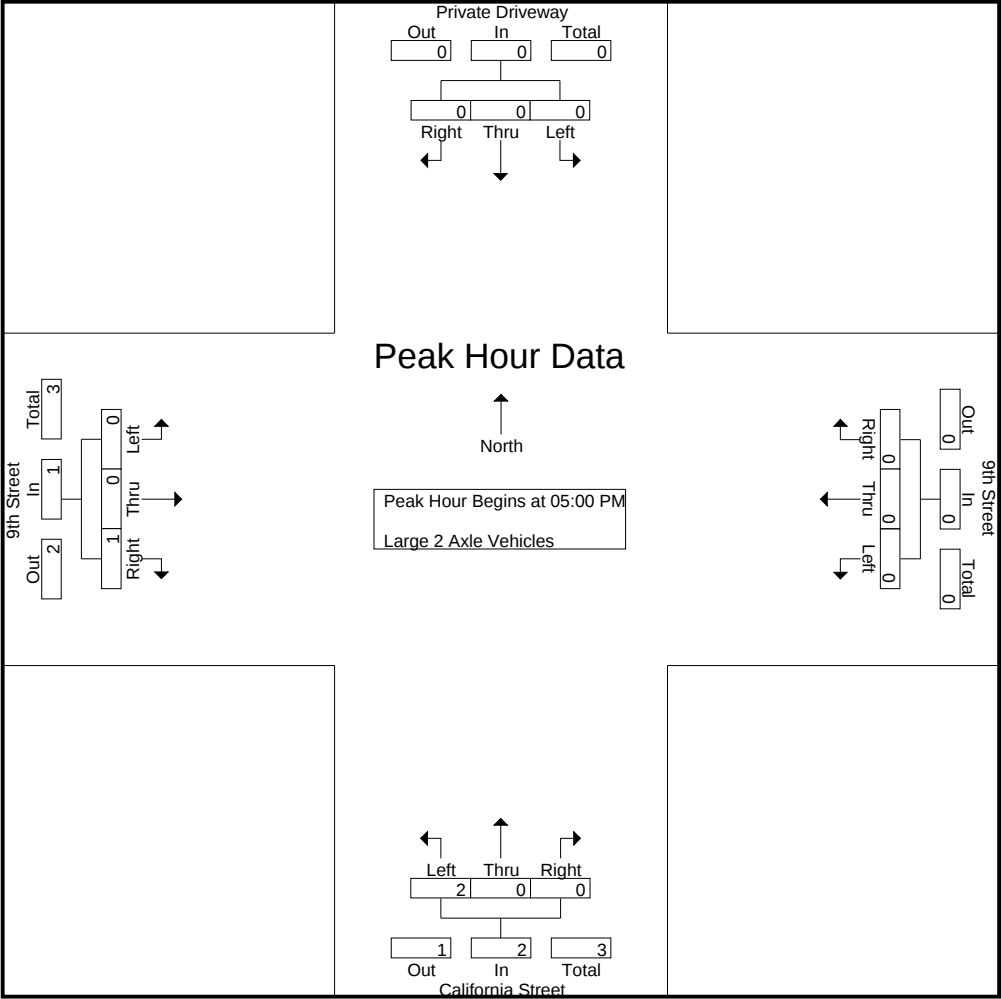
Groups Printed- Large 2 Axle Vehicles

	Private Driveway Southbound				9th Street Westbound				California Street Northbound				9th Street Eastbound				Int. Total
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	1	2
05:45 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1
Total	0	0	0	0	0	0	0	0	2	0	0	2	0	0	1	1	3
Grand Total	0	0	0	0	0	0	0	0	2	0	0	2	0	0	1	1	3
Apprch %	0	0	0		0	0	0		100	0	0		0	0	100		
Total %	0	0	0		0	0	0		66.7	0	0	66.7	0	0	33.3	33.3	

	Private Driveway Southbound				9th Street Westbound				California Street Northbound				9th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. 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	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	1	2
05:45 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1
Total Volume	0	0	0	0	0	0	0	0	2	0	0	2	0	0	1	1	3
% App. Total	0	0	0		0	0	0		100	0	0		0	0	100		
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.500	.000	.000	.500	.000	.000	.250	.250	.375

City of Buena Park
N/S: California Street
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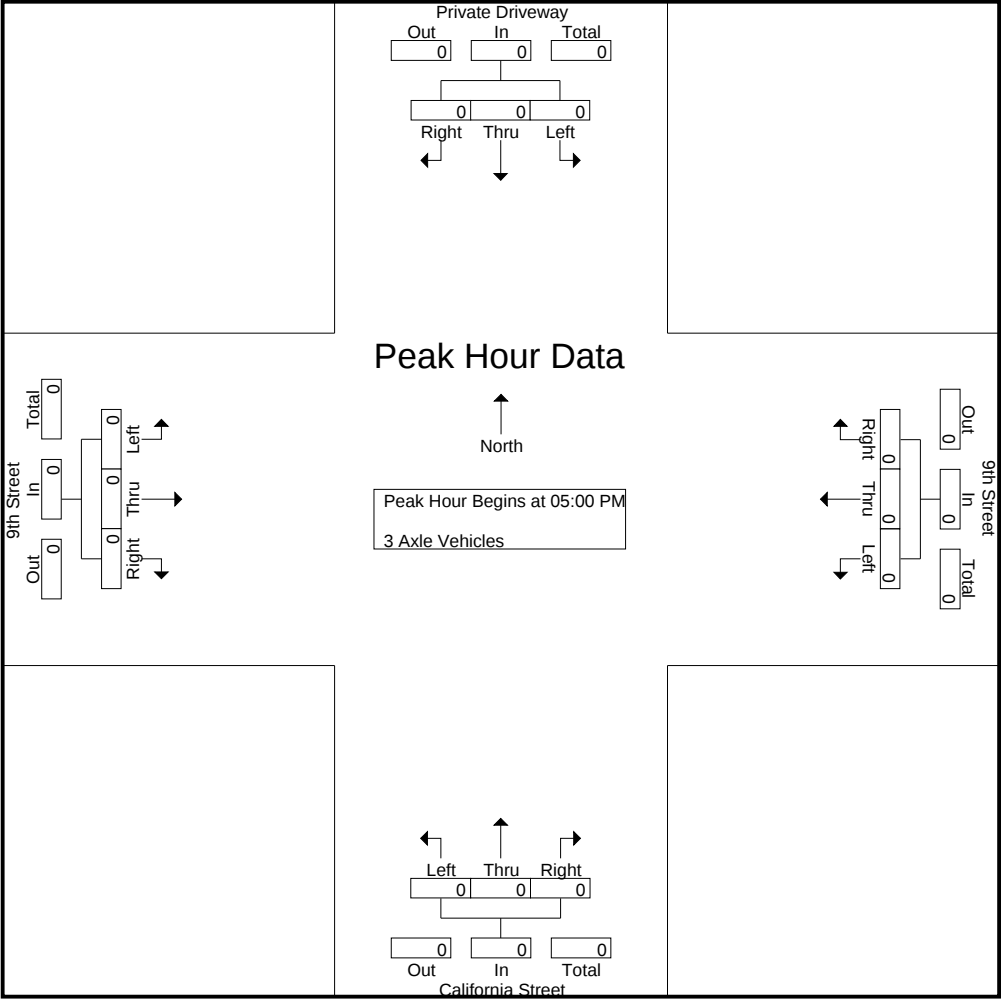
City of Buena Park
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	Private Driveway Southbound				9th Street Westbound				California Street Northbound				9th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
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	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	1	1
+45 mins.	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	2	0	0	2	0	0	1	1	1
% App. Total	0	0	0		0	0	0		100	0	0		0	0	100		
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.500	.000	.000	.500	.000	.000	.250	.250	

City of Buena Park
N/S: California Street
E/W: 9th Street
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File Name : 04_BPK_Cali_9th PM
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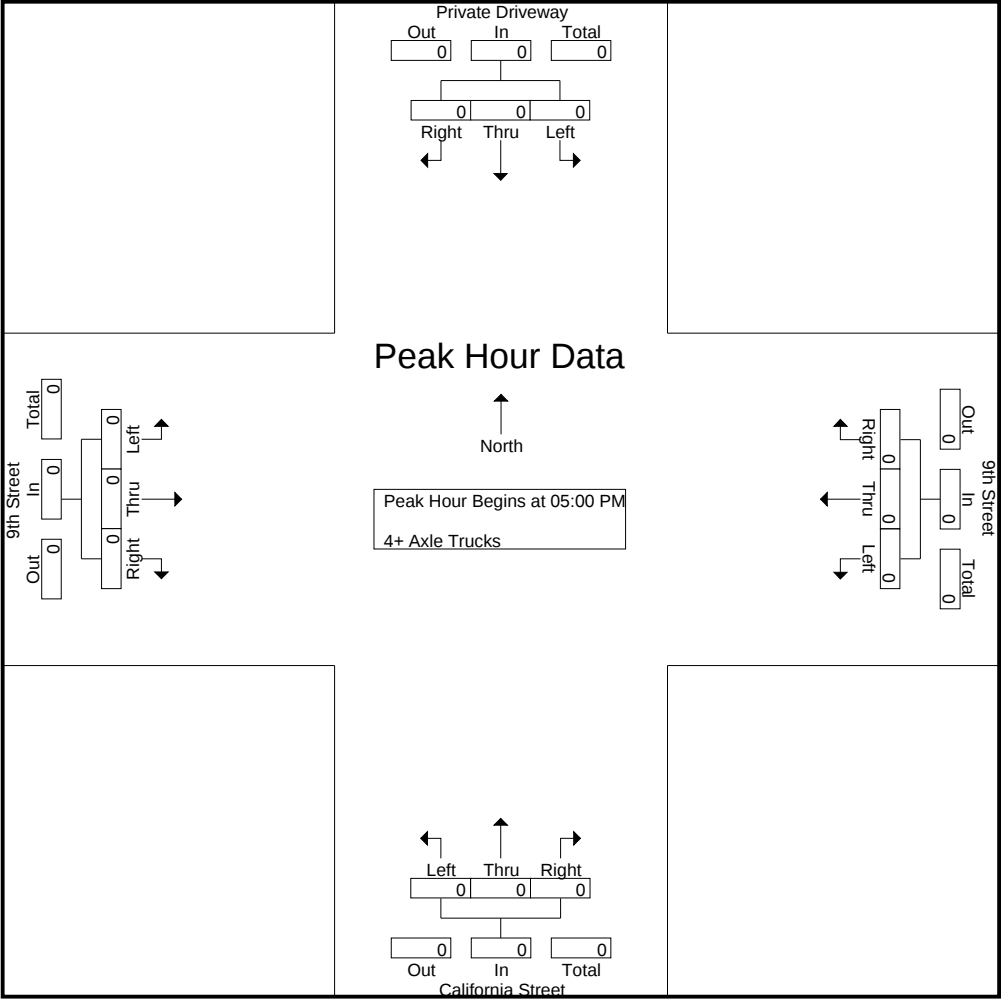
City of Buena Park
N/S: California Street
E/W: 9th Street
Weather: Clear

File Name : 04_BPK_Cali_9th PM
Site Code : 04224715
Start Date : 8/21/2024
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[illegible]

City of Buena Park
N/S: California Street
E/W: 9th Street
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File Name : 04_BPK_Cali_9th PM
Site Code : 04224715
Start Date : 8/21/2024
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City of Buena Park
N/S: California Street
E/W: 9th Street
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File Name : 04_BPK_Cali_9th PM
Site Code : 04224715
Start Date : 8/21/2024
Page No : 3

[illegible]

Location: Buena Park
 N/S: California Street
 E/W: 9th Street



Date: 8/21/2024
 Day: Wednesday

PEDESTRIANS

	North Leg Private Driveway	East Leg 9th Street	South Leg California Street	West Leg 9th Street	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	1	0	0	0	1
7:15 AM	3	0	0	0	3
7:30 AM	3	4	0	0	7
7:45 AM	3	1	0	0	4
8:00 AM	5	2	1	0	8
8:15 AM	2	1	1	0	4
8:30 AM	1	1	0	0	2
8:45 AM	2	0	1	0	3
TOTAL VOLUMES:	20	9	3	0	32

	North Leg Private Driveway	East Leg 9th Street	South Leg California Street	West Leg 9th Street	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	1	0	1
4:15 PM	0	0	0	0	0
4:30 PM	0	0	0	3	3
4:45 PM	0	0	0	0	0
5:00 PM	2	0	1	0	3
5:15 PM	0	0	0	0	0
5:30 PM	2	0	0	1	3
5:45 PM	3	0	0	1	4
TOTAL VOLUMES:	7	0	2	5	14

Location: Buena Park
 N/S: California Street
 E/W: 9th Street



Date: 8/21/2024
 Day: Wednesday

BICYCLES

		Southbound Private Driveway			Westbound 9th Street			Northbound California Street			Eastbound 9th Street			
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
	7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	7:15 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
	7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:00 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
	8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:		0	0	0	0	1	0	0	0	0	0	1	0	2

		Southbound Private Driveway			Westbound 9th Street			Northbound California Street			Eastbound 9th Street			
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
	4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:		0	0	0	0	0	0	0	0	0	0	0	0	0

City of Buena Park
N/S: Indiana Street
E/W: 9th Street
Weather: Clear

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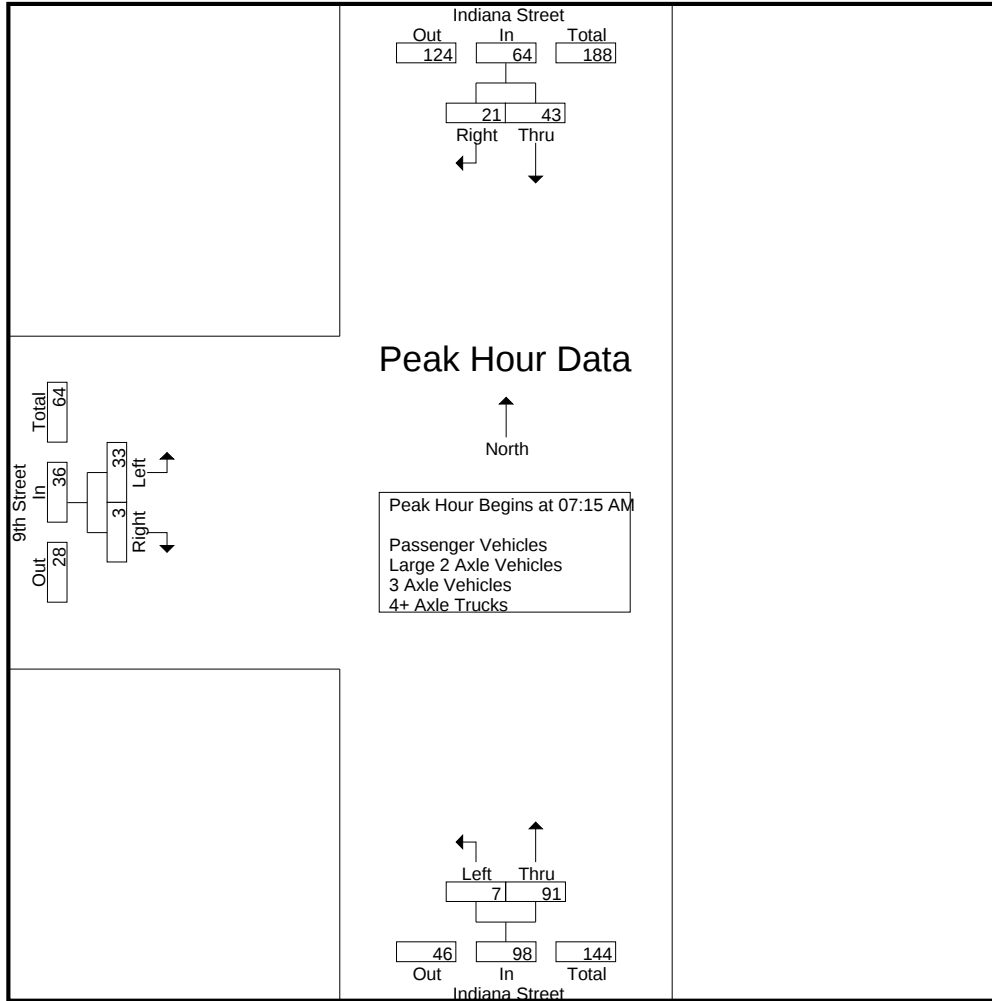
Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

	Indiana Street Southbound			Indiana Street Northbound			9th Street Eastbound			
Start Time	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	Int. Total
07:00 AM	1	3	4	0	9	9	6	0	6	19
07:15 AM	4	7	11	2	13	15	6	1	7	33
07:30 AM	14	5	19	1	30	31	6	2	8	58
07:45 AM	14	6	20	3	33	36	10	0	10	66
Total	33	21	54	6	85	91	28	3	31	176
08:00 AM	11	3	14	1	15	16	11	0	11	41
08:15 AM	8	2	10	1	12	13	6	0	6	29
08:30 AM	5	7	12	0	4	4	4	0	4	20
08:45 AM	5	2	7	0	6	6	4	0	4	17
Total	29	14	43	2	37	39	25	0	25	107
Grand Total	62	35	97	8	122	130	53	3	56	283
Apprch %	63.9	36.1		6.2	93.8		94.6	5.4		
Total %	21.9	12.4	34.3	2.8	43.1	45.9	18.7	1.1	19.8	
Passenger Vehicles	59	33	92	6	119	125	51	2	53	270
% Passenger Vehicles	95.2	94.3	94.8	75	97.5	96.2	96.2	66.7	94.6	95.4
Large 2 Axle Vehicles	2	1	3	0	1	1	1	0	1	5
% Large 2 Axle Vehicles	3.2	2.9	3.1	0	0.8	0.8	1.9	0	1.8	1.8
3 Axle Vehicles	1	1	2	2	2	4	1	1	2	8
% 3 Axle Vehicles	1.6	2.9	2.1	25	1.6	3.1	1.9	33.3	3.6	2.8
4+ Axle Trucks	0	0	0	0	0	0	0	0	0	0
% 4+ Axle Trucks	0	0	0	0	0	0	0	0	0	0

	Indiana Street Southbound			Indiana Street Northbound			9th Street Eastbound			
Start Time	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:15 AM										
07:15 AM	4	7	11	2	13	15	6	1	7	33
07:30 AM	14	5	19	1	30	31	6	2	8	58
07:45 AM	14	6	20	3	33	36	10	0	10	66
08:00 AM	11	3	14	1	15	16	11	0	11	41
Total Volume	43	21	64	7	91	98	33	3	36	198
% App. Total	67.2	32.8		7.1	92.9		91.7	8.3		
PHF	.768	.750	.800	.583	.689	.681	.750	.375	.818	.750

City of Buena Park
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Weather: Clear

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Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:15 AM			07:15 AM			07:15 AM		
+0 mins.	4	7	11	2	13	15	6	1	7
+15 mins.	14	5	19	1	30	31	6	2	8
+30 mins.	14	6	20	3	33	36	10	0	10
+45 mins.	11	3	14	1	15	16	11	0	11
Total Volume	43	21	64	7	91	98	33	3	36
% App. Total	67.2	32.8		7.1	92.9		91.7	8.3	
PHF	.768	.750	.800	.583	.689	.681	.750	.375	.818

City of Buena Park
N/S: Indiana Street
E/W: 9th Street
Weather: Clear

File Name : 05_BPK_Indi_9th AM
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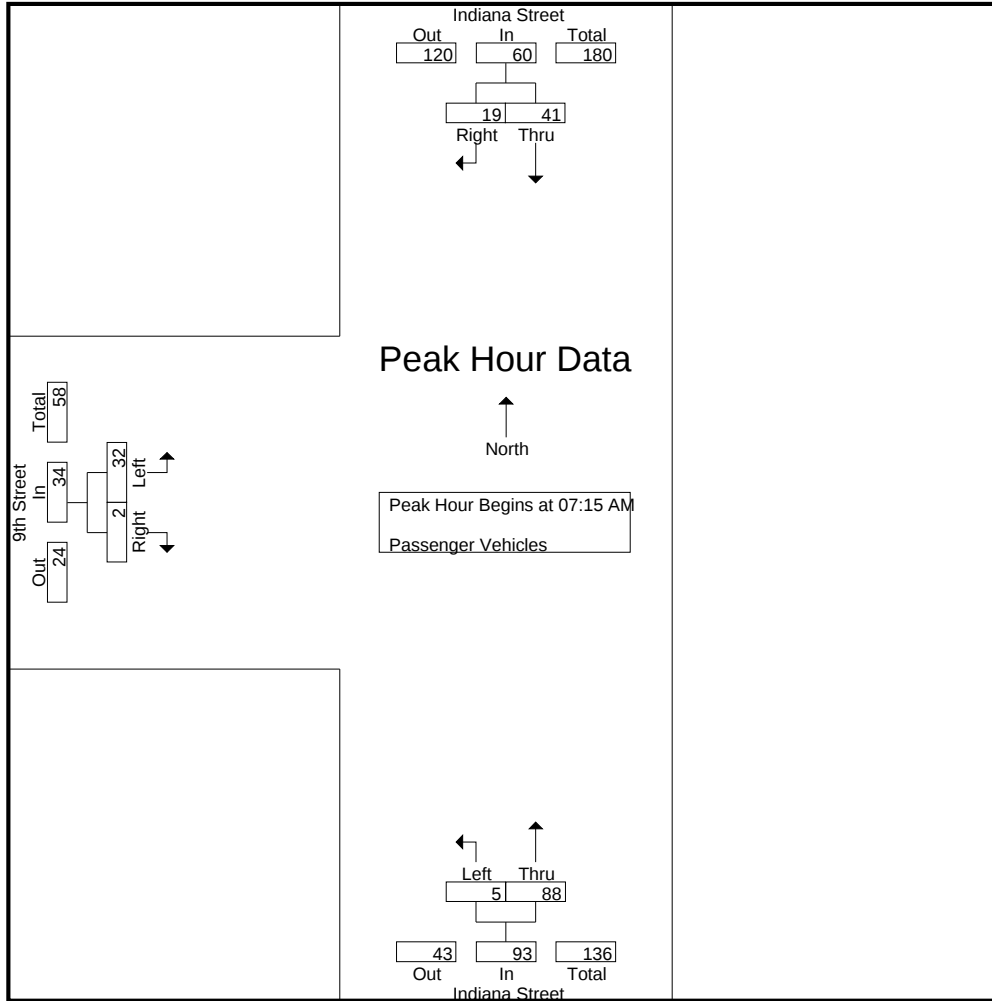
Groups Printed- Passenger Vehicles

	Indiana Street Southbound			Indiana Street Northbound			9th Street Eastbound			
Start Time	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	Int. Total
07:00 AM	1	3	4	0	9	9	6	0	6	19
07:15 AM	3	5	8	1	12	13	6	0	6	27
07:30 AM	14	5	19	0	29	29	6	2	8	56
07:45 AM	13	6	19	3	33	36	9	0	9	64
Total	31	19	50	4	83	87	27	2	29	166
08:00 AM	11	3	14	1	14	15	11	0	11	40
08:15 AM	8	2	10	1	12	13	6	0	6	29
08:30 AM	5	7	12	0	4	4	3	0	3	19
08:45 AM	4	2	6	0	6	6	4	0	4	16
Total	28	14	42	2	36	38	24	0	24	104
Grand Total	59	33	92	6	119	125	51	2	53	270
Apprch %	64.1	35.9		4.8	95.2		96.2	3.8		
Total %	21.9	12.2	34.1	2.2	44.1	46.3	18.9	0.7	19.6	

	Indiana Street Southbound			Indiana Street Northbound			9th Street Eastbound			
Start Time	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	Int. 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	3	5	8	1	12	13	6	0	6	27
07:30 AM	14	5	19	0	29	29	6	2	8	56
07:45 AM	13	6	19	3	33	36	9	0	9	64
08:00 AM	11	3	14	1	14	15	11	0	11	40
Total Volume	41	19	60	5	88	93	32	2	34	187
% App. Total	68.3	31.7		5.4	94.6		94.1	5.9		
PHF	.732	.792	.789	.417	.667	.646	.727	.250	.773	.730

City of Buena Park
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Weather: Clear

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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		
+0 mins.	3	5	8	1	12	13	6	0	6
+15 mins.	14	5	19	0	29	29	6	2	8
+30 mins.	13	6	19	3	33	36	9	0	9
+45 mins.	11	3	14	1	14	15	11	0	11
Total Volume	41	19	60	5	88	93	32	2	34
% App. Total	68.3	31.7		5.4	94.6		94.1	5.9	
PHF	.732	.792	.789	.417	.667	.646	.727	.250	.773

City of Buena Park
N/S: Indiana Street
E/W: 9th Street
Weather: Clear

File Name : 05_BPK_Indi_9th AM
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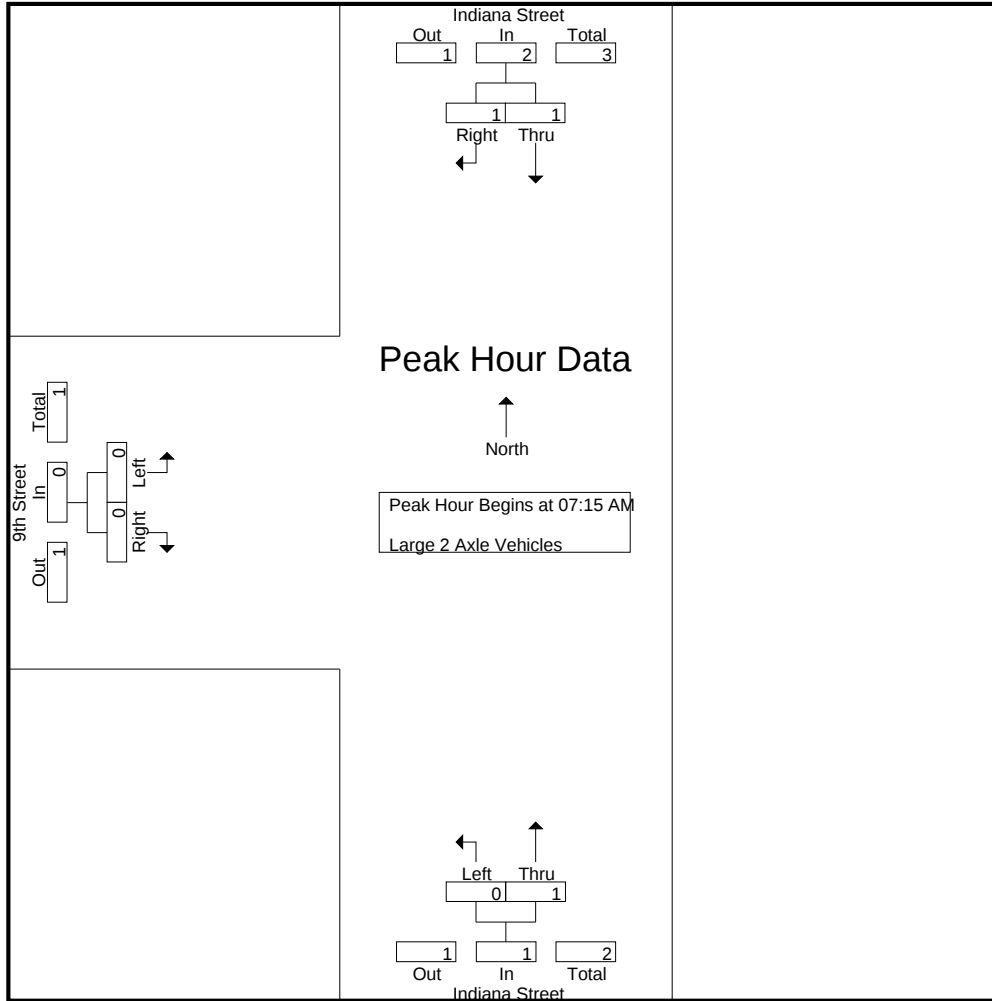
Groups Printed- Large 2 Axle Vehicles

	Indiana Street Southbound			Indiana Street Northbound			9th Street Eastbound			
Start Time	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	Int. Total
07:00 AM	0	0	0	0	0	0	0	0	0	0
07:15 AM	1	1	2	0	1	1	0	0	0	3
07:30 AM	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	0	0	0	0	0	0	0	0	0
Total	1	1	2	0	1	1	0	0	0	3
08:00 AM	0	0	0	0	0	0	0	0	0	0
08:15 AM	0	0	0	0	0	0	0	0	0	0
08:30 AM	0	0	0	0	0	0	1	0	1	1
08:45 AM	1	0	1	0	0	0	0	0	0	1
Total	1	0	1	0	0	0	1	0	1	2
Grand Total	2	1	3	0	1	1	1	0	1	5
Apprch %	66.7	33.3		0	100		100	0		
Total %	40	20	60	0	20	20	20	0	20	

	Indiana Street Southbound			Indiana Street Northbound			9th Street Eastbound			
Start Time	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	Int. 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	1	1	2	0	1	1	0	0	0	3
07:30 AM	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	0	0	0	0	0	0	0	0	0
08:00 AM	0	0	0	0	0	0	0	0	0	0
Total Volume	1	1	2	0	1	1	0	0	0	3
% App. Total	50	50		0	100		0	0		
PHF	.250	.250	.250	.000	.250	.250	.000	.000	.000	.250

City of Buena Park
N/S: Indiana Street
E/W: 9th Street
Weather: Clear

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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		
+0 mins.	1	1	2	0	1	1	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	0	0
Total Volume	1	1	2	0	1	1	0	0	0
% App. Total	50	50		0	100		0	0	
PHF	.250	.250	.250	.000	.250	.250	.000	.000	.000

City of Buena Park
N/S: Indiana Street
E/W: 9th Street
Weather: Clear

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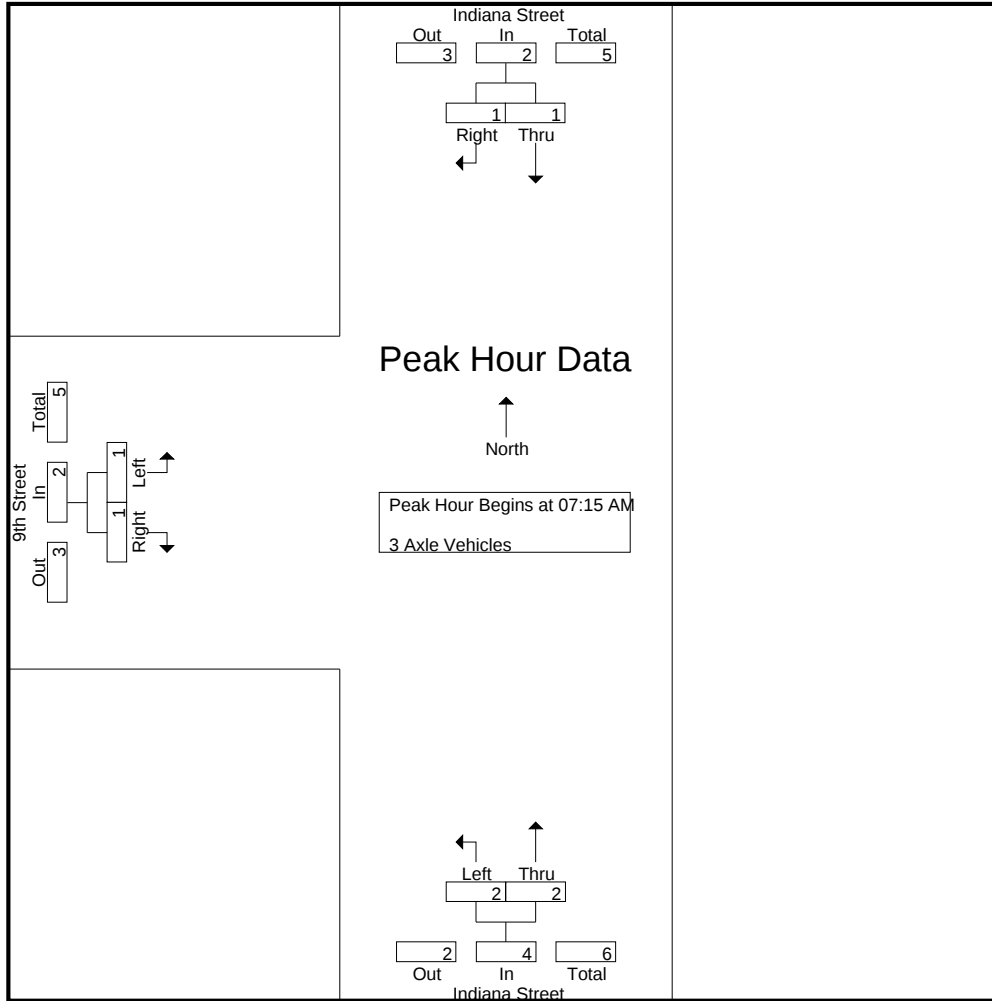
Groups Printed- 3 Axle Vehicles

	Indiana Street Southbound			Indiana Street Northbound			9th Street Eastbound			
Start Time	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	Int. Total
07:00 AM	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	1	1	1	0	1	0	1	1	3
07:30 AM	0	0	0	1	1	2	0	0	0	2
07:45 AM	1	0	1	0	0	0	1	0	1	2
Total	1	1	2	2	1	3	1	1	2	7
08:00 AM	0	0	0	0	1	1	0	0	0	1
08:15 AM	0	0	0	0	0	0	0	0	0	0
08:30 AM	0	0	0	0	0	0	0	0	0	0
08:45 AM	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	1	1	0	0	0	1
Grand Total	1	1	2	2	2	4	1	1	2	8
Apprch %	50	50		50	50		50	50		
Total %	12.5	12.5	25	25	25	50	12.5	12.5	25	

	Indiana Street Southbound			Indiana Street Northbound			9th Street Eastbound			
Start Time	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	Int. 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	1	1	0	1	0	1	1	3
07:30 AM	0	0	0	1	1	2	0	0	0	2
07:45 AM	1	0	1	0	0	0	1	0	1	2
08:00 AM	0	0	0	0	1	1	0	0	0	1
Total Volume	1	1	2	2	2	4	1	1	2	8
% App. Total	50	50		50	50		50	50		
PHF	.250	.250	.500	.500	.500	.500	.250	.250	.500	.667

City of Buena Park
N/S: Indiana Street
E/W: 9th Street
Weather: Clear

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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		
+0 mins.	0	1	1	1	0	1	0	1	1
+15 mins.	0	0	0	1	1	2	0	0	0
+30 mins.	1	0	1	0	0	0	1	0	1
+45 mins.	0	0	0	0	1	1	0	0	0
Total Volume	1	1	2	2	2	4	1	1	2
% App. Total	50	50		50	50		50	50	
PHF	.250	.250	.500	.500	.500	.500	.250	.250	.500

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City of Buena Park
N/S: Indiana Street
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Weather: Clear

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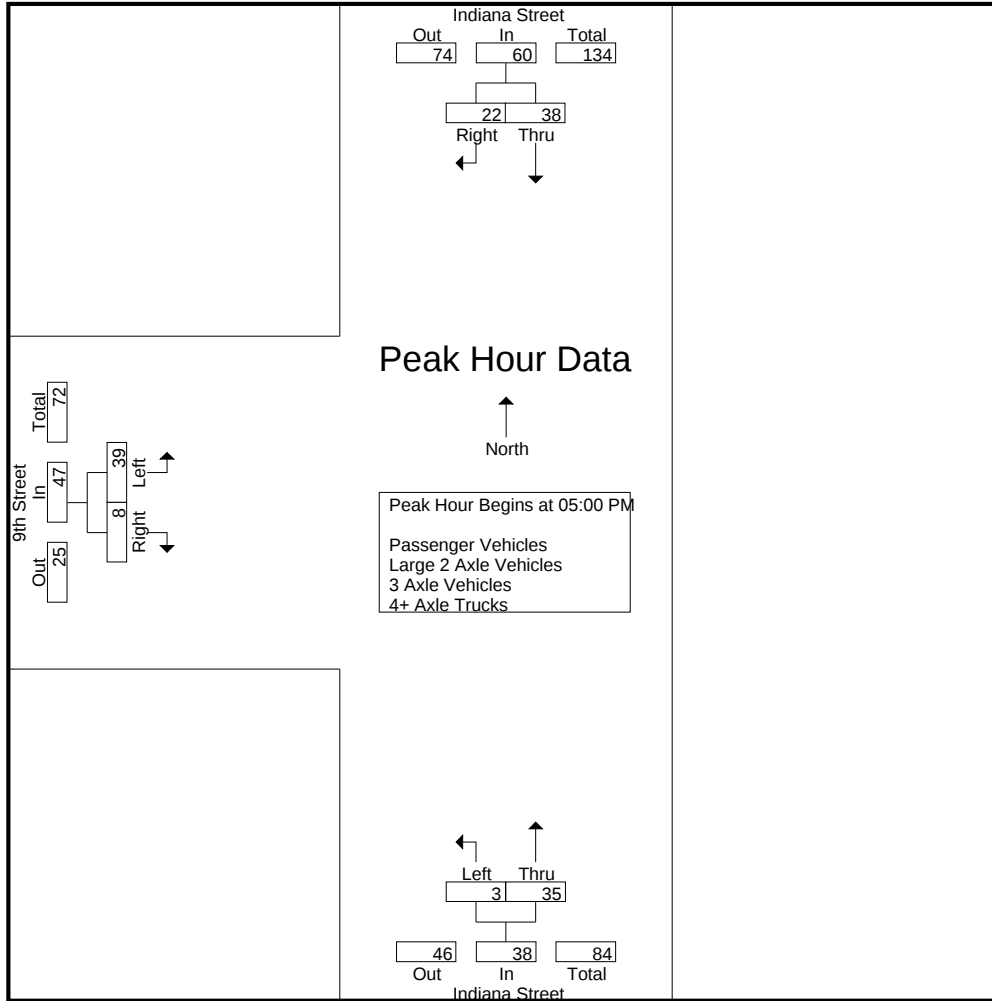
Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

	Indiana Street Southbound			Indiana Street Northbound			9th Street Eastbound			
Start Time	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	Int. Total
04:00 PM	14	4	18	0	10	10	9	1	10	38
04:15 PM	7	4	11	1	5	6	8	1	9	26
04:30 PM	8	0	8	0	10	10	7	0	7	25
04:45 PM	10	5	15	1	10	11	9	0	9	35
Total	39	13	52	2	35	37	33	2	35	124
05:00 PM	9	5	14	1	7	8	16	0	16	38
05:15 PM	13	3	16	1	11	12	8	2	10	38
05:30 PM	4	6	10	0	10	10	10	3	13	33
05:45 PM	12	8	20	1	7	8	5	3	8	36
Total	38	22	60	3	35	38	39	8	47	145
Grand Total	77	35	112	5	70	75	72	10	82	269
Apprch %	68.8	31.2		6.7	93.3		87.8	12.2		
Total %	28.6	13	41.6	1.9	26	27.9	26.8	3.7	30.5	
Passenger Vehicles	76	33	109	4	69	73	69	10	79	261
% Passenger Vehicles	98.7	94.3	97.3	80	98.6	97.3	95.8	100	96.3	97
Large 2 Axle Vehicles	0	0	0	0	0	0	0	0	0	0
% Large 2 Axle Vehicles	0	0	0	0	0	0	0	0	0	0
3 Axle Vehicles	1	2	3	1	1	2	3	0	3	8
% 3 Axle Vehicles	1.3	5.7	2.7	20	1.4	2.7	4.2	0	3.7	3
4+ Axle Trucks	0	0	0	0	0	0	0	0	0	0
% 4+ Axle Trucks	0	0	0	0	0	0	0	0	0	0

	Indiana Street Southbound			Indiana Street Northbound			9th Street Eastbound			
Start Time	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 05:00 PM										
05:00 PM	9	5	14	1	7	8	16	0	16	38
05:15 PM	13	3	16	1	11	12	8	2	10	38
05:30 PM	4	6	10	0	10	10	10	3	13	33
05:45 PM	12	8	20	1	7	8	5	3	8	36
Total Volume	38	22	60	3	35	38	39	8	47	145
% App. Total	63.3	36.7		7.9	92.1		83	17		
PHF	.731	.688	.750	.750	.795	.792	.609	.667	.734	.954

City of Buena Park
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Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM			04:30 PM			04:45 PM		
+0 mins.	9	5	14	0	10	10	9	0	9
+15 mins.	13	3	16	1	10	11	16	0	16
+30 mins.	4	6	10	1	7	8	8	2	10
+45 mins.	12	8	20	1	11	12	10	3	13
Total Volume	38	22	60	3	38	41	43	5	48
% App. Total	63.3	36.7		7.3	92.7		89.6	10.4	
PHF	.731	.688	.750	.750	.864	.854	.672	.417	.750

City of Buena Park
N/S: Indiana Street
E/W: 9th Street
Weather: Clear

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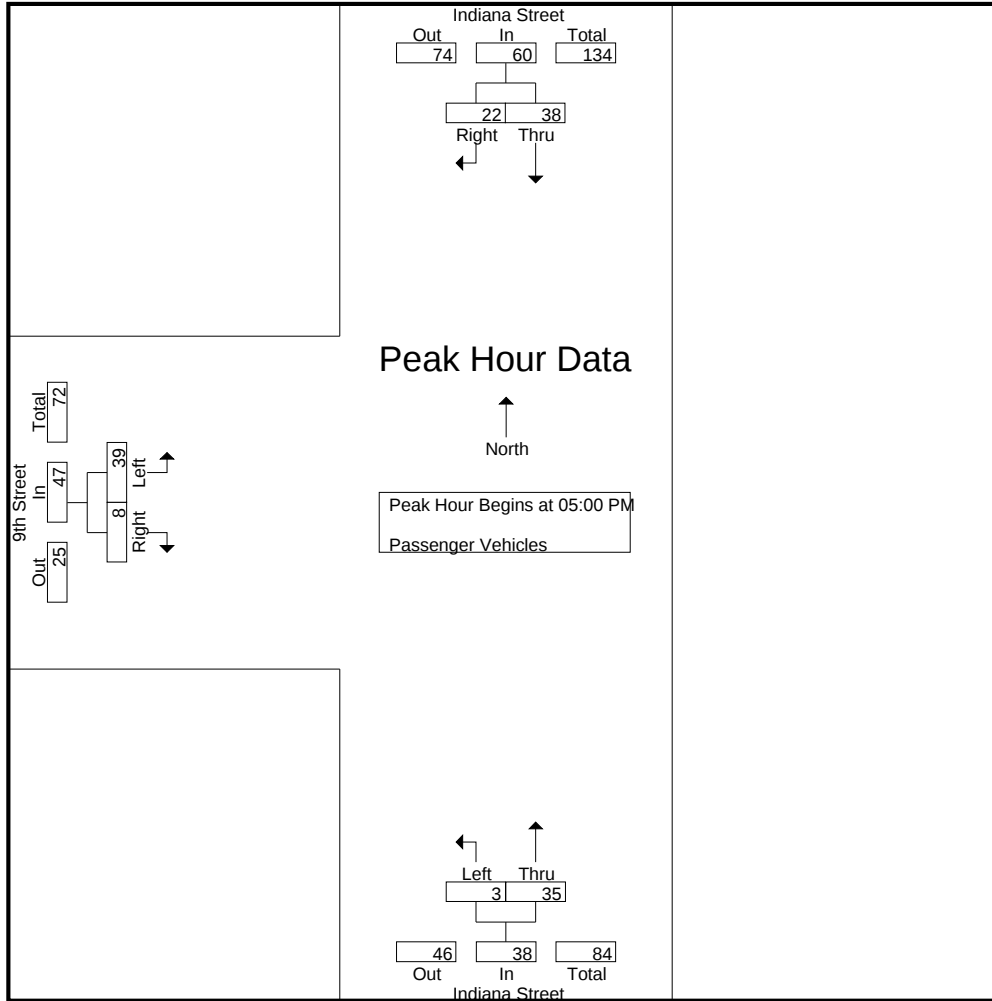
Groups Printed- Passenger Vehicles

	Indiana Street Southbound			Indiana Street Northbound			9th Street Eastbound			
Start Time	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	Int. Total
04:00 PM	14	4	18	0	10	10	9	1	10	38
04:15 PM	7	3	10	1	5	6	8	1	9	25
04:30 PM	7	0	7	0	10	10	5	0	5	22
04:45 PM	10	4	14	0	9	9	8	0	8	31
Total	38	11	49	1	34	35	30	2	32	116
05:00 PM	9	5	14	1	7	8	16	0	16	38
05:15 PM	13	3	16	1	11	12	8	2	10	38
05:30 PM	4	6	10	0	10	10	10	3	13	33
05:45 PM	12	8	20	1	7	8	5	3	8	36
Total	38	22	60	3	35	38	39	8	47	145
Grand Total	76	33	109	4	69	73	69	10	79	261
Apprch %	69.7	30.3		5.5	94.5		87.3	12.7		
Total %	29.1	12.6	41.8	1.5	26.4	28	26.4	3.8	30.3	

	Indiana Street Southbound			Indiana Street Northbound			9th Street Eastbound			
Start Time	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	Int. 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	9	5	14	1	7	8	16	0	16	38
05:15 PM	13	3	16	1	11	12	8	2	10	38
05:30 PM	4	6	10	0	10	10	10	3	13	33
05:45 PM	12	8	20	1	7	8	5	3	8	36
Total Volume	38	22	60	3	35	38	39	8	47	145
% App. Total	63.3	36.7		7.9	92.1		83	17		
PHF	.731	.688	.750	.750	.795	.792	.609	.667	.734	.954

City of Buena Park
N/S: Indiana Street
E/W: 9th Street
Weather: Clear

File Name : 05_BPK_Indi_9th PM
Site Code : 04224715
Start Date : 8/21/2024
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		
+0 mins.	9	5	14	1	7	8	16	0	16
+15 mins.	13	3	16	1	11	12	8	2	10
+30 mins.	4	6	10	0	10	10	10	3	13
+45 mins.	12	8	20	1	7	8	5	3	8
Total Volume	38	22	60	3	35	38	39	8	47
% App. Total	63.3	36.7		7.9	92.1		83	17	
PHF	.731	.688	.750	.750	.795	.792	.609	.667	.734

File Name : 05_BPK_Indi_9th PM
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File Name : 05_BPK_Indi_9th PM
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	Indiana Street Southbound			Indiana Street Northbound			9th Street Eastbound			
Start Time	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	Int. Total
04:00 PM	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	1	1	0	0	0	0	0	0	1
04:30 PM	1	0	1	0	0	0	2	0	2	3
04:45 PM	0	1	1	1	1	2	1	0	1	4
Total	1	2	3	1	1	2	3	0	3	8
05:00 PM	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
Grand Total	1	2	3	1	1	2	3	0	3	8
Apprch %	33.3	66.7		50	50		100	0		
Total %	12.5	25	37.5	12.5	12.5	25	37.5	0	37.5	

[illegible]

File Name : 05_BPK_Indi_9th PM
Site Code : 04224715
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[illegible][illegible]

Location: Buena Park
 N/S: Indiana Street
 E/W: 9th Street



Date: 8/21/2024
 Day: Wednesday

PEDESTRIANS

		North Leg Indiana Street	East Leg Dead End	South Leg Indiana Street	West Leg 9th Street	
		Pedestrians	Pedestrians	Pedestrians	Pedestrians	
	7:00 AM	0	1	0	0	1
	7:15 AM	0	3	0	1	4
	7:30 AM	0	11	1	5	17
	7:45 AM	0	12	4	7	23
	8:00 AM	0	8	2	1	11
	8:15 AM	0	1	0	1	2
	8:30 AM	1	0	0	1	2
	8:45 AM	0	2	0	0	2
	TOTAL VOLUMES:	1	38	7	16	62

		North Leg Indiana Street	East Leg Dead End	South Leg Indiana Street	West Leg 9th Street	
		Pedestrians	Pedestrians	Pedestrians	Pedestrians	
	4:00 PM	0	2	0	1	3
	4:15 PM	0	0	0	0	0
	4:30 PM	0	1	1	0	2
	4:45 PM	0	0	0	1	1
	5:00 PM	1	2	0	2	5
	5:15 PM	0	0	0	0	0
	5:30 PM	1	0	0	1	2
	5:45 PM	0	0	0	0	0
	TOTAL VOLUMES:	2	5	1	5	13

Location: Buena Park
 N/S: Indiana Street
 E/W: 9th Street



Date: 8/21/2024
 Day: Wednesday

BICYCLES

		Southbound Indiana Street			Westbound Dead End			Northbound Indiana Street			Eastbound 9th Street			
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
	7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	7:15 AM	0	0	1	0	0	0	0	1	0	1	0	0	3
	7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:00 AM	0	0	0	0	0	0	0	0	0	1	0	0	1
	8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:		0	0	1	0	0	0	0	1	0	2	0	0	4

		Southbound Indiana Street			Westbound Dead End			Northbound Indiana Street			Eastbound 9th Street			
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
	4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:30 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
	4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	5:15 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
	5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:		0	0	0	0	0	0	0	2	0	0	0	0	2

APPENDIX B – CALIBRATION RESULTS

Checklist	Result	Target	Good?
Flow - Individual	100%	85%	YES
Flow - Global	0.36%	5%	YES
GEH - Turn Volume	100%	85%	YES
GEH - Global Volume	0.239	4	YES

										Flow Check				GEH Check	
										<700vph	700-2700	>2700vph		GEH	<5
Int	Int	Direction	DIRLKUP	DIR	CONFI	Qlen	Qlenmax	Veh(All)	VOL REF	Vol diff	Vol diff %	100vph<	15%<	400vph<	
1	Stanton/Auto Center/9th - 1@902.2 - 7@78.1	S-SE	NBR	NBR2		41.155013	220.39415	47	47	0	0.00%	YES			0.000 YES
1	Stanton/Auto Center/9th - 1@902.2 - 12@41.4	S-N	NBT	NBT		39.303045	217.311423	383	382	-1	-0.26%	YES			0.051 YES
1	Stanton/Auto Center/9th - 1@902.2 - 15@89.8	S-E	NBR	NBR		39.303045	217.311423	23	24	1	4.17%	YES			0.206 YES
1	Stanton/Auto Center/9th - 2@183.4 - 8@23.3	S-NW	NBT	NBL		9.516078	90.599784	37	32	-5	-15.63%	YES			0.851 YES
1	Stanton/Auto Center/9th - 4@1070.0 - 7@78.1	NW-SE	EBT	EBT		13.811155	95.879443	106	109	3	2.75%	YES			0.289 YES
1	Stanton/Auto Center/9th - 5@112.9 - 12@41.4	NW-N	EBL	EBL2		12.634989	102.072131	40	40	0	0.00%	YES			0.000 YES
1	Stanton/Auto Center/9th - 5@112.9 - 15@89.8	NW-E	EBT	EBL		12.634989	102.072131	8	9	1	11.11%	YES			0.343 YES
1	Stanton/Auto Center/9th - 6@98.5 - 3@30.7	NW-S	EBR	EBR		2.586388	73.017434	102	98	-4	-4.08%	YES			0.400 YES
1	Stanton/Auto Center/9th - 9@211.6 - 3@30.7	N-S	SBT	SBT		55.36831	316.901194	546	547	1	0.18%	YES			0.043 YES
1	Stanton/Auto Center/9th - 9@211.6 - 8@23.3	N-NW	SBR	SBR		57.122557	320.173835	43	44	1	2.27%	YES			0.152 YES
1	Stanton/Auto Center/9th - 10@99.5 - 7@78.1	N-SE	SBT	SBL		5.923015	66.648145	22	25	3	12.00%	YES			0.619 YES
1	Stanton/Auto Center/9th - 10@99.5 - 15@89.8	N-E	SBL	SBL2		5.923015	66.648145	1	1	0	0.00%	YES			0.000 YES
1	Stanton/Auto Center/9th - 14@553.3 - 3@30.7	E-S	WBL	SWT		22.898501	150.199189	61	61	0	0.00%	YES			0.000 YES
1	Stanton/Auto Center/9th - 14@553.3 - 7@78.1	E-SE	WBL	SWL		22.898501	150.199189	5	5	0	0.00%	YES			0.000 YES
1	Stanton/Auto Center/9th - 14@553.3 - 8@23.3	E-NW	WBR	SWR		22.898501	150.199189	27	23	-4	-17.39%	YES			0.800 YES
1	Stanton/Auto Center/9th - 14@553.3 - 12@41.4	E-N	WBR	SWR2		22.898501	150.199189	2	2	0	0.00%	YES			0.000 YES
1	Stanton/Auto Center/9th - 16@1034.7 - 8@23.3	SE-NW	WBT	WBT		45.260851	241.321779	366	372	6	1.61%	YES			0.312 YES
1	Stanton/Auto Center/9th - 18@117.3 - 3@30.7	SE-S	WBL	WBL		16.133907	115.506988	58	61	3	4.92%	YES			0.389 YES
1	Stanton/Auto Center/9th - 19@133.4 - 12@41.4	SE-N	NBT	WBR		52.598837	313.124483	216	212	-4	-1.89%	YES			0.273 YES
1	Stanton/Auto Center/9th - 19@133.4 - 15@89.8	SE-E	NBR	WBR2		7.100242	253.208014	36	32	-4	-12.50%	YES			0.686 YES
1	Stanton/Auto Center/9th	Total	Total	Total		27.243778	341.578293	2126	2126	0	0.00%	YES			0.000
2	Stanton/Whitaker - 11@57.1 - 27@24.8	S-W	NBL	NBL		0.096678	21.195613	6	6	0	0.00%	YES			0.000 YES
2	Stanton/Whitaker - 12@231.4 - 23@20.8	S-N	NBT	NBT		8.160936	157.551439	515	510	-5	-0.98%	YES			0.221 YES
2	Stanton/Whitaker - 13@49.4 - 25@31.8	S-E	NBR	NBR		0.675652	60.044863	118	120	2	1.67%	YES			0.183 YES
2	Stanton/Whitaker - 21@1183.0 - 9@24.6	N-S	SBT	SBT		7.479827	106.951297	450	455	5	1.10%	YES			0.235 YES
2	Stanton/Whitaker - 21@1183.0 - 27@24.8	N-W	SBR	SBR		7.756315	108.369127	3	3	0	0.00%	YES			0.000 YES
2	Stanton/Whitaker - 22@132.3 - 25@31.8	N-E	SBL	SBL		1.52279	59.722667	41	43	2	4.65%	YES			0.309 YES
2	Stanton/Whitaker - 24@1189.7 - 9@24.6	E-S	WBL	WBL		12.422645	123.808152	158	159	1	0.63%	YES			0.079 YES
2	Stanton/Whitaker - 24@1189.7 - 23@20.8	E-N	WBR	WBR		13.036451	125.227913	27	29	2	6.90%	YES			0.378 YES
2	Stanton/Whitaker - 24@1189.7 - 27@24.8	E-W	WBT	WBT		12.422645	123.808152	0	0	0	0.00%	YES			0.000 YES
2	Stanton/Whitaker - 28@53.7 - 9@24.6	W-S	EBR	EBR		0.038873	17.526093	3	3	0	0.00%	YES			0.000 YES
2	Stanton/Whitaker - 28@53.7 - 23@20.8	W-N	EBL	EBL		0.004103	17.485485	0	0	0	0.00%	YES			0.000 YES
2	Stanton/Whitaker - 28@53.7 - 25@31.8	W-E	EBT	EBT		0.004103	17.485485	0	0	0	0.00%	YES			0.000 YES
2	Stanton/Whitaker	Total	Total	Total		5.119427	160.620622	1320	1328	8	0.60%	YES			0.220
3	Indiana/Whitaker - 29@512.9 - 24@23.2	N-W	SBR	SBR		9.271243	117.711133	13	13	0	0.00%	YES			0.000 YES
3	Indiana/Whitaker - 29@512.9 - 32@26.2	N-E	SBL	SBL		9.271243	117.711133	80	82	2	2.44%	YES			0.222 YES
3	Indiana/Whitaker - 29@512.9 - 34@15.1	N-S	SBT	SBT		9.271243	117.711133	23	22	-1	-4.55%	YES			0.211 YES
3	Indiana/Whitaker - 35@280.1 - 24@23.2	S-W	NBL	NBL		9.9953	104.651801	10	9	-1	-11.11%	YES			0.324 YES
3	Indiana/Whitaker - 35@280.1 - 30@19.8	S-N	NBT	NBT		9.9953	104.651801	39	41	2	4.88%	YES			0.316 YES
3	Indiana/Whitaker - 35@280.1 - 32@26.2	S-E	NBR	NBR		9.9953	104.651801	85	84	-1	-1.19%	YES			0.109 YES
3	Indiana/Whitaker - 66@43.0 - 30@19.8	W-N	EBL	EBL		7.887369	78.907157	9	8	-1	-12.50%	YES			0.343 YES
3	Indiana/Whitaker - 66@43.0 - 32@26.2	W-E	EBT	EBT		7.887369	78.907157	139	144	5	3.47%	YES			0.420 YES
3	Indiana/Whitaker - 66@43.0 - 34@15.1	W-S	EBR	EBR		7.887369	78.907157	11	11	0	0.00%	YES			0.000 YES
3	Indiana/Whitaker - 67@43.6 - 24@23.2	E-W	WBT	WBT		9.130139	83.653758	163	166	3	1.81%	YES			0.234 YES
3	Indiana/Whitaker - 67@43.6 - 30@19.8	E-N	WBR	WBR		9.130139	83.653758	30	32	2	6.25%	YES			0.359 YES
3	Indiana/Whitaker - 67@43.6 - 34@15.1	E-S	WBL	WBL		9.130139	83.653758	30	31	1	3.23%	YES			0.181 YES
3	Indiana/Whitaker	Total	Total	Total		9.071013	124.432442	630	643	13	2.02%	YES			0.515
4	California/9th - 15@624.0 - 36@142.0	W-E	EBT	EBT		1.877738	58.437898	27	25	-2	-8.00%	YES			0.392 YES
4	California/9th - 15@624.0 - 40@104.2	W-SE	EBR	EBR		1.877738	58.437898	41	41	0	0.00%	YES			0.000 YES
4	California/9th - 38@344.6 - 14@19.3	E-W	WBT	WBT		0.894871	51.150864	29	28	-1	-3.57%	YES			0.187 YES
4	California/9th - 38@344.6 - 40@104.2	E-SE	WBL	WBL		0.894871	51.150864	3	3	0	0.00%	YES			0.000 YES
4	California/9th - 39@251.5 - 14@19.3	SE-W	NBL	NBL		2.026467	68.180238	66	63	-3	-4.76%	YES			0.374 YES
4	California/9th - 39@251.5 - 36@142.0	SE-E	NBR	NBR		0.13716	33.321652	9	11	2	18.18%	YES			0.632 YES
4	California/9th	Total	Total	Total		1.233969	72.752478	175	171	-4	-2.34%	YES			0.304
5	Indiana/9th - 33@267.2 - 35@17.3	S-N	NBT	NBT		0	0	102	101	-1	-0.99%	YES			0.099 YES
5	Indiana/9th - 33@267.2 - 38@19.6	S-W	NBL	NBL		0.002747	6.004009	11	10	-1	-10.00%	YES			0.309 YES
5	Indiana/9th - 34@277.8 - 37@23.7	N-S	SBT	SBT		0	0	42	43	1	2.33%	YES			0.153 YES
5	Indiana/9th - 34@277.8 - 38@19.6	N-W	SBR	SBR		0	0	21	21	0	0.00%	YES			0.000 YES
5	Indiana/9th - 36@467.4 - 35@17.3	W-N	EBL	EBL		0.965292	50.61236	32	33	1	3.03%	YES			0.175 YES
5	Indiana/9th - 36@467.4 - 37@23.7	W-S	EBR	EBR		1.161993	60.234043	4	3	-1	-33.33%	YES			0.535 YES
5	Indiana/9th	Total	Total	Total		0.426006	60.234043	212	211	-1	-0.47%	YES			0.069
System								4463	4479	16	0.36%				0.239

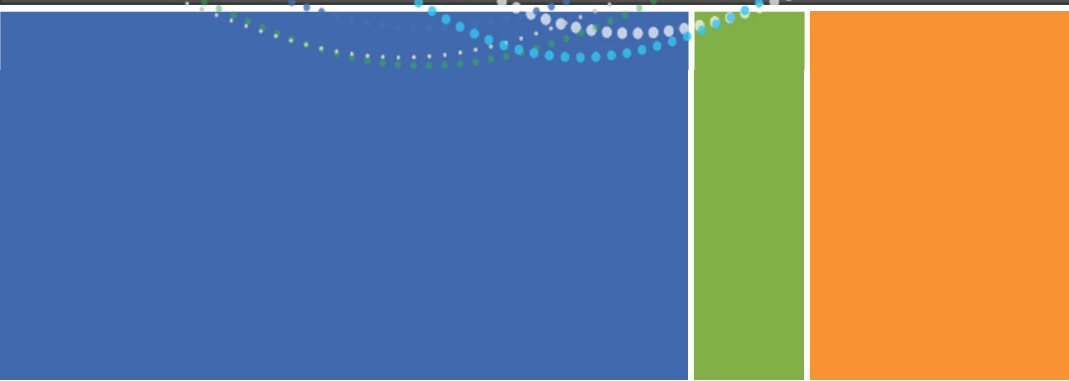
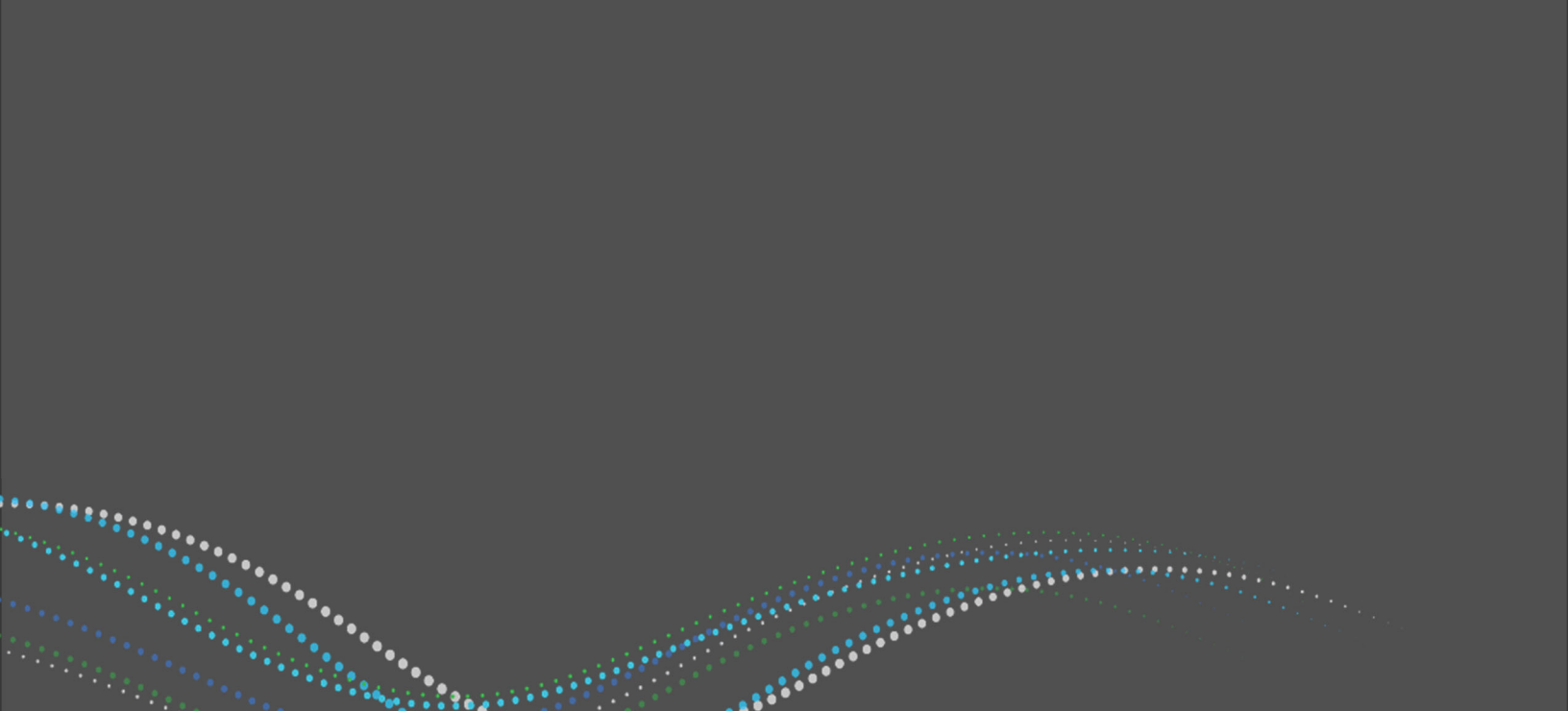
Checklist	Result	Target	Good?
Flow - Individual	100%	85%	YES
Flow - Global	1.78%	5%	YES
GEH - Turn Volume	100%	85%	YES
GEH - Global Volume	1.264	4	YES

										Flow Check				GEH Check	
										<700vph	700-2700	>2700vph		GEH	<5
Int	Int	Direction	DIRLKUP	DIR CONFIQlen	Qlenmax	Veh(All)	VOL REF	Vol diff	Vol diff %	100vph<	15%<	400vph<			
1	Stanton/Auto Center/9th - 1@902.2 - 7@78.1	S-SE	NBR	NBR2	68.521329	326.340775	27	27	0	0.00% YES				0.000	YES
1	Stanton/Auto Center/9th - 1@902.2 - 12@41.4	S-N	NBT	NBT	66.553017	323.258047	552	553	1	0.18% YES				0.043	YES
1	Stanton/Auto Center/9th - 1@902.2 - 15@89.8	S-E	NBR	NBR	66.553017	323.258047	29	31	2	6.45% YES				0.365	YES
1	Stanton/Auto Center/9th - 2@183.4 - 8@23.3	S-NW	NBT	NBL	18.078749	122.204515	55	53	-2	-3.77% YES				0.272	YES
1	Stanton/Auto Center/9th - 4@1070.0 - 7@78.1	NW-SE	EBT	EBT	10.443583	73.994709	77	79	2	2.53% YES				0.226	YES
1	Stanton/Auto Center/9th - 5@112.9 - 12@41.4	NW-N	EBL	EBL2	25.282218	161.682705	55	56	1	1.79% YES				0.134	YES
1	Stanton/Auto Center/9th - 5@112.9 - 15@89.8	NW-E	EBT	EBL	25.282218	161.682705	22	23	1	4.35% YES				0.211	YES
1	Stanton/Auto Center/9th - 6@98.5 - 3@30.7	NW-S	EBR	EBR	1.801393	72.642286	81	78	-3	-3.85% YES				0.336	YES
1	Stanton/Auto Center/9th - 9@211.6 - 3@30.7	N-S	SBT	SBT	66.419611	343.062257	493	503	10	1.99% YES				0.448	YES
1	Stanton/Auto Center/9th - 9@211.6 - 8@23.3	N-NW	SBR	SBR	68.206526	346.334898	44	46	2	4.35% YES				0.298	YES
1	Stanton/Auto Center/9th - 10@99.5 - 7@78.1	N-SE	SBT	SBL	1.726444	41.543432	4	5	1	20.00% YES				0.471	YES
1	Stanton/Auto Center/9th - 10@99.5 - 15@89.8	N-E	SBL	SBL2	1.726444	41.543432	1	1	0	0.00% YES				0.000	YES
1	Stanton/Auto Center/9th - 14@553.3 - 3@30.7	E-S	WBL	SWT	16.133285	122.923612	29	32	3	9.38% YES				0.543	YES
1	Stanton/Auto Center/9th - 14@553.3 - 7@78.1	E-SE	WBL	SWL	16.133285	122.923612	1	1	0	0.00% YES				0.000	YES
1	Stanton/Auto Center/9th - 14@553.3 - 8@23.3	E-NW	WBR	SWR	16.133285	122.923612	23	22	-1	-4.55% YES				0.211	YES
1	Stanton/Auto Center/9th - 14@553.3 - 12@41.4	E-N	WBR	SWR2	16.133285	122.923612	4	5	1	20.00% YES				0.471	YES
1	Stanton/Auto Center/9th - 16@1034.7 - 8@23.3	SE-NW	WBT	WBT	64.206969	568.165399	435	448	13	2.90% YES				0.619	YES
1	Stanton/Auto Center/9th - 18@117.3 - 3@30.7	SE-S	WBL	WBL	34.464404	180.749711	106	107	1	0.93% YES				0.097	YES
1	Stanton/Auto Center/9th - 19@133.4 - 12@41.4	SE-N	NBT	WBR	22.01808	809.689336	398	402	4	1.00% YES				0.200	YES
1	Stanton/Auto Center/9th - 19@133.4 - 15@89.8	SE-E	NBR	WBR2	102.54627	768.907006	57	60	3	5.00% YES				0.392	YES
1	Stanton/Auto Center/9th	Total	Total	Total	54.742991	810.087292	2491	2532	41	1.62%	YES			0.818	
2	Stanton/Whitaker - 11@57.1 - 27@24.8	S-W	NBL	NBL	0.122781	23.618003	7	8	1	12.50% YES				0.365	YES
2	Stanton/Whitaker - 12@231.4 - 23@20.8	S-N	NBT	NBT	16.916727	274.540266	829	834	5	0.60%	YES			0.173	YES
2	Stanton/Whitaker - 13@49.4 - 25@31.8	S-E	NBR	NBR	1.486144	140.010657	174	174	0	0.00% YES				0.000	YES
2	Stanton/Whitaker - 21@1183.0 - 9@24.6	N-S	SBT	SBT	7.267098	110.418246	438	446	8	1.79% YES				0.381	YES
2	Stanton/Whitaker - 21@1183.0 - 27@24.8	N-W	SBR	SBR	7.520435	111.836075	1	1	0	0.00% YES				0.000	YES
2	Stanton/Whitaker - 22@132.3 - 25@31.8	N-E	SBL	SBL	0.847521	49.202402	27	28	1	3.57% YES				0.191	YES
2	Stanton/Whitaker - 24@1189.7 - 9@24.6	E-S	WBL	WBL	10.998108	120.556691	104	104	0	0.00% YES				0.000	YES
2	Stanton/Whitaker - 24@1189.7 - 23@20.8	E-N	WBR	WBR	11.553303	121.976452	20	20	0	0.00% YES				0.000	YES
2	Stanton/Whitaker - 24@1189.7 - 27@24.8	E-W	WBT	WBT	10.998108	120.556691	1	1	0	0.00% YES				0.000	YES
2	Stanton/Whitaker - 28@53.7 - 9@24.6	W-S	EBR	EBR	0.056852	21.233773	3	5	2	40.00% YES				1.000	YES
2	Stanton/Whitaker - 28@53.7 - 23@20.8	W-N	EBL	EBL	0.057817	21.188089	0	0	0	0.00% YES				0.000	YES
2	Stanton/Whitaker - 28@53.7 - 25@31.8	W-E	EBT	EBT	0.057817	21.188089	2	2	0	0.00% YES				0.000	YES
2	Stanton/Whitaker	Total	Total	Total	5.682679	274.540266	1605	1623	18	1.11%	YES			0.448	
3	Indiana/Whitaker - 29@512.9 - 24@23.2	N-W	SBR	SBR	2.747162	68.059266	25	24	-1	-4.17% YES				0.202	YES
3	Indiana/Whitaker - 29@512.9 - 32@26.2	N-E	SBL	SBL	2.747162	68.059266	32	34	2	5.88% YES				0.348	YES
3	Indiana/Whitaker - 29@512.9 - 34@15.1	N-S	SBT	SBT	2.747162	68.059266	23	23	0	0.00% YES				0.000	YES
3	Indiana/Whitaker - 35@280.1 - 24@23.2	S-W	NBL	NBL	2.576804	59.607668	7	6	-1	-16.67% YES				0.392	YES
3	Indiana/Whitaker - 35@280.1 - 30@19.8	S-N	NBT	NBT	2.576804	59.607668	20	23	3	13.04% YES				0.647	YES
3	Indiana/Whitaker - 35@280.1 - 32@26.2	S-E	NBR	NBR	2.576804	59.607668	43	45	2	4.44% YES				0.302	YES
3	Indiana/Whitaker - 66@43.0 - 30@19.8	W-N	EBL	EBL	6.548836	73.102858	11	10	-1	-10.00% YES				0.309	YES
3	Indiana/Whitaker - 66@43.0 - 32@26.2	W-E	EBT	EBT	6.548836	73.102858	185	188	3	1.60% YES				0.220	YES
3	Indiana/Whitaker - 66@43.0 - 34@15.1	W-S	EBR	EBR	6.548836	73.102858	6	6	0	0.00% YES				0.000	YES
3	Indiana/Whitaker - 67@43.6 - 24@23.2	E-W	WBT	WBT	4.248669	65.022796	94	95	1	1.05% YES				0.103	YES
3	Indiana/Whitaker - 67@43.6 - 30@19.8	E-N	WBR	WBR	4.248669	65.022796	41	44	3	6.82% YES				0.460	YES
3	Indiana/Whitaker - 67@43.6 - 34@15.1	E-S	WBL	WBL	4.248669	65.022796	29	31	2	6.45% YES				0.365	YES
3	Indiana/Whitaker	Total	Total	Total	4.030368	82.768574	515	529	14	2.65% YES				0.613	
4	California/9th - 15@624.0 - 36@142.0	W-E	EBT	EBT	2.969709	70.640879	46	47	1	2.13% YES				0.147	YES
4	California/9th - 15@624.0 - 40@104.2	W-SE	EBR	EBR	2.969709	70.640879	63	68	5	7.35% YES				0.618	YES
4	California/9th - 38@344.6 - 14@19.3	E-W	WBT	WBT	0.628165	45.412318	20	21	1	4.76% YES				0.221	YES
4	California/9th - 38@344.6 - 40@104.2	E-SE	WBL	WBL	0.628165	45.412318	3	3	0	0.00% YES				0.000	YES
4	California/9th - 39@251.5 - 14@19.3	SE-W	NBL	NBL	1.09492	49.136924	37	39	2	5.13% YES				0.324	YES
4	California/9th - 39@251.5 - 36@142.0	SE-E	NBR	NBR	0	0	0	0	0	0.00% YES				0.000	YES
4	California/9th	Total	Total	Total	1.173198	70.640879	168	178	10	5.62% YES				0.760	
5	Indiana/9th - 33@267.2 - 35@17.3	S-N	NBT	NBT	0	0	33	35	2	5.71% YES				0.343	YES
5	Indiana/9th - 33@267.2 - 38@19.6	S-W	NBL	NBL	0	0	2	2	0	0.00% YES				0.000	YES
5	Indiana/9th - 34@277.8 - 37@23.7	N-S	SBT	SBT	0	0	36	38	2	5.26% YES				0.329	YES
5	Indiana/9th - 34@277.8 - 38@19.6	N-W	SBR	SBR	0	0	22	22	0	0.00% YES				0.000	YES
5	Indiana/9th - 36@467.4 - 35@17.3	W-N	EBL	EBL	1.112366	47.372318	36	39	3	7.69% YES				0.490	YES
5	Indiana/9th - 36@467.4 - 37@23.7	W-S	EBR	EBR	1.406539	56.994001	9	8	-1	-12.50% YES				0.343	YES
5	Indiana/9th	Total	Total	Total	0.503781	56.994001	138	144	6	4.17% YES				0.505	
System						4917	5006	89	1.78%					1.264	

APPENDIX C – VISSIM RESULTS

AM Peak Hour Comparison Summary			Existing Conditions				Modification 1 (Full Closure)					Modification 2 (Partial Closure)					Modification 3 (Signal Optimization Only)				
			Approach		Intersection		Approach		Intersection			Approach		Intersection			Approach		Intersection		
#	Location		Veh Delay (s)	LOS	Veh Delay (s)	LOS	Veh Delay (s)	LOS	Veh Delay (s)	LOS	▲ Veh Delay (s)	Veh Delay (s)	LOS	Veh Delay (s)	LOS	▲ Veh Delay (s)	Veh Delay (s)	LOS	Veh Delay (s)	LOS	▲ Veh Delay (s)
1	Stanton/Auto Center/9th	NB	26.9	C	30.9	C	15.7	B	22.1	C	-11.2	18.0	B	25.7	C	-8.9	37.1	D	33.6	C	10.2
		EB	24.8	C			30.7	C			5.9	30.9	C			6.1	19.5	B			-5.3
		SB	29.0	C			13.3	B			-15.7	11.9	B			-17.1	41.5	D			12.5
		SWB	41.0	D							-41					-41	56.2	E			15.2
		WB	36.5	D			33.7	C			-2.8	43.4	D			6.9	26.4	C			-10.1
2	Stanton/Whitaker	NB	5.5	A	7.4	A	3.2	A	11.7	B	-2.3	6.0	A	12.9	B	0.5	3.6	A	9.2	A	-1.9
		EB	5.8	A			6.9	A			1.1	6.3	A			0.5	37.8	D			32.0
		SB	7.4	A			6.4	A			-1	6.0	A			-1.4	5.8	A			-1.6
		WB	13.9	B			43.3	D			29.4	41.6	D			27.7	9.5	A			-4.4
3	Indiana/Whitaker	NB	38.2	E	14.4	B	34.5	D	22.4	C	-3.7	34.4	D	17.9	B	-3.8	35.2	E	15.0	B	-3.0
		EB	16.3	C			34.7	D			18.4	19.4	C			3.1	17.7	C			1.4
		SB	17.5	C			18.7	C			1.2	15.2	C			-2.3	15.4	C			-2.1
		WB	15.7	C			23.5	C			7.8	20.0	C			4.3	18.4	C			2.7
4	California/9th	NB	9.2	A	8.6	A	5.9	A	5.7	A	-3.3	6.1	A	5.9	A	-3.1	9.2	A	8.6	A	0.0
		EB	7.9	A			0.0	A			-7.9	5.9	A			-2	7.9	A			0.0
		WB	8.5	A			4.0	A			-4.5	4.1	A			-4.4	8.7	A			0.2
5	Indiana/9th	NB	0.6	A	1.1	A	1.0	A	1.2	A	0.4	0.6	A	1.6	A	0	0.6	A	1.1	A	0.0
		EB	4.8	A			5.4	A			0.6	5.1	A			0.3	4.7	A			-0.1
		SB	0.0	A			0.0	A			0	0.0	A			0	0.0	A			0.0

PM Peak Hour Comparison Summary			Existing Conditions				Modification 1 (Full Closure)					Modification 2 (Partial Closure)					Modification 3 (Signal Optimization Only)				
			Approach		Intersection		Approach		Intersection			Approach		Intersection			Approach		Intersection		
#	Location		Veh Delay (s)	LOS	Veh Delay (s)	LOS	Veh Delay (s)	LOS	Veh Delay (s)	LOS	▲ Veh Delay (s)	Veh Delay (s)	LOS	Veh Delay (s)	LOS	▲ Veh Delay (s)	Veh Delay (s)	LOS	Veh Delay (s)	LOS	▲ Veh Delay (s)
1	Stanton/Auto Center/9th	NB	34.3	C	40.3	D	17.8	B	23.7	C	-16.5	22.2	C	33.3	C	-12.1	36.8	D	35.3	D	2.5
		EB	30.7	C			32.2	C			1.5	32.3	C			1.6	24.4	C			-6.3
		SB	36.4	D			13.9	B			-22.5	17.8	B			-18.6	45.4	D			9.0
		SWB	48.6	D							-48.6					-48.6	51.6	D			3.0
		WB	48.1	D			32.6	C			-15.5	50.2	D			2.1	30.4	C			-17.7
2	Stanton/Whitaker	NB	6.4	A	7.6	A	4.7	A	8.7	A	-1.7	4.9	A	8.9	A	-1.5	3.2	A	6.5	A	-3.2
		EB	7.5	A			21.7	C			14.2	18.8	B			11.3	36.7	D			29.2
		SB	7.4	A			4.9	A			-2.5	4.8	A			-2.6	5.6	A			-1.8
		WB	17.8	B			43.0	D			25.2	42.5	D			24.7	19.8	B			2.0
3	Indiana/Whitaker	NB	22.1	C	9.9	A	13.5	B	18.9	B	-8.6	17.9	C	12.8	B	-4.2	21.8	C	10.5	B	-0.3
		EB	11.9	B			33.2	D			21.3	16.2	C			4.3	12.8	B			0.9
		SB	12.3	B			14.7	B			2.4	13.2	B			0.9	11.9	B			-0.4
		WB	12.2	B			18.3	C			6.1	16.5	C			4.3	13.2	B			1.0
4	California/9th	NB	9.8	A	8.2	A	5.7	A	5.5	A	-4.1	6.1	A	6.4	A	-3.7	9.8	A	8.2	A	0.0
		EB	7.6	A			0.0	A			-7.6	6.5	A			-1.1	7.6	A			0.0
		WB	8.5	A			4.1	A			-4.4	5	A			-3.5	8.6	A			0.1
5	Indiana/9th	NB	0.6	A	1.6	A	0.5	A	0.7	A	-0.1	0.6	A	2.0	A	0	0.5	A	1.6	A	-0.1
		EB	4.4	A			4.6	A			0.2	4.8	A			0.4	4.4	A			0.0
		SB	0.1	A			0.0	A			-0.1	0	A			-0.1	0.1	A			0.0



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