## SR-60/World Logistics Center Parkway Interchange Project



# Interchange Closure Study 

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# SR-60/WORLD LOGISTICS CENTER PARKWAY INTERCHANGE CLOSURE STUDY 

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## 1. INTRODUCTION

This report presents the interchange closure study for the Project Approval and Environmental Document (PA/ED) for improvements to the SR-60/World Logistics Center Parkway (WLC Pkwy) Interchange (IC) in the City of Moreno Valley, California. During construction of the project, the SR-60/WLC Pkwy ramps, WLC Pkwy overcrossing and the entire interchange would be closed at various stages of the construction. According to the Caltrans' Project Development Procedures Manual's policy, a study is required whenever a freeway ramp is to be closed for more than ten consecutive days.
The goals and objectives of the interchange closure are to enhance safety to the work environment for both the labor work force and motoring/non-motoring public as well as to minimize delays for motorists. The analysis in this study revealed that the intersections along the detour routes would operate at an acceptable Level of Service (LOS) and thus the impacts on motorists would not be significant. In addition, having complete closure of the interchange for 4 months during construction would reduce the construction duration when compared to having partial closure of the WLC Pkwy bridge. A complete interchange closure would reduce the overall construction duration by approximately 11 months. This time savings is approximately $35 \%$ of the time for the full construction of 30 months with no complete interchange closure, therefore it is estimated that there will be a savings of $25 \%$ to $35 \%$ on the overall construction costs. In general, construction costs are reduced due to multiple contractor mobilizations for various construction trades, a reduction in the traffic control needed for multiple stages, and more efficient delivery of construction activities.

## Background of the SR-60/WLC Pkwy Interchange Improvement Project

The SR-60WLC Pkwy IC is currently a two-quadrant cloverleaf with side-street stop-controlled ramp intersections. The bridge crossing SR-60 has been deemed as functionally obsolete and structurally deficient. This current configuration for the interchange is sufficient to handle the current traffic demand because the interchange's catchment area is sparsely developed, except at the 1.8 million square-foot Skechers high-cube warehouse. The area within the City of Moreno Valley immediately to the south of the proposed WLC Pkwy IC project is planned through the City's General Plan and the approved Specific Plans. One plan currently under development is represented in the World Logistics Center (WLC) Specific Plan. The WLC would consist primarily of approximately 40.6 million square feet of high-cube logistics warehouse buildings. Development allowable in the General Plan and Specific Plan includes a mix of office space buildings, high-cube logistics warehouse buildings, and single-family dwellings.
With the development of the WLC and other future allowable developments, the traffic demand at the SR60/WLC Pkwy IC will be much greater than at present. The proposed project is to improve the capacity of the interchange to accommodate the anticipated increase in demand. The project analyzed two build alternatives, Alternative 2 (Modified Partial Cloverleaf) and Alternative 6 (Modified Partial Cloverleaf with Roundabouts) in addition to a No-Build Alternative. Alternative 2 was studied in this report as it would have the longest construction duration because of the widening of the bridge and additional ramp installations. Both build alternatives considered a design variation: Alternative 2a and Alternative 6a, respectively, are associated with a potential realignment of Eucalyptus Avenue. The design variations would not alter the proposed phasing plan identified in this report. Should a design variation be selected for the project, the realignment of Eucalyptus Avenue would occur during the same phase and duration as the proposed Eucalyptus Avenue improvements for Alternative 2 and Alternative 6.
In September 2012, Caltrans District 8 issued a new Transportation Concept Report for SR-60 from the Los Angeles/San Bernardino County Line to the $\mathrm{I}-10$ interchange. This report found that although no mainline capacity improvements are currently being planned or programmed, there will be a need for additional general purpose lanes between Redlands Boulevard and Gilman Springs Road (i.e. the freeway sections on either east or west side of the WLC Pkwy IC), in the long term. Therefore, there is a need for capacity improvements to both the WLC Pkwy IC and the SR-60 main line in the vicinity of the WLC Pkwy IC.

## 2. METHODOLOGY

## Geographic Scope of Study

The geography scope of the study is shown in Exhibit 1. The study area includes the ramp intersections of the WLC Pkwy IC, the intersections directly up or down stream of them, and the corresponding intersections at the most likely diversion route (the Redlands Boulevard IC). The eight study intersections are (see Exhibit 1):

1) WLC Pkwy/ Eucalyptus Avenue
2) WLC Pkwy/Eastbound SR-60 Ramps
3) WLC Pkwy/Westbound SR-60 Ramps
4) Theodore Street/Ironwood Avenue
5) Redlands Boulevard/Eucalyptus Avenue
6) Redlands Boulevard/Eastbound SR-60 Ramps
7) Redlands Boulevard/Westbound SR-60 Ramps
8) Redlands Boulevard/Ironwood Avenue


Exhibit 1: Study Area

The study area for the interchange closure study was bounded by Ironwood Avenue to the north, Eucalyptus Avenue to the south, WLC Pkwy to the east, and Redlands Boulevard to the west.

## Intersection LOS

The LOS analysis of study intersections was performed using the methodology described in the Highway Capacity Manual (HCM) 2000 Chapter 16, for signalized intersections, and Chapter 17 for unsignalized intersections. The HCM LOS thresholds for signalized and unsignalized intersections are shown in Exhibit 2.

Exhibit 2: LOS Thresholds for Signalized and Unsignalized Intersections

| Level of Service | Description | Average Control Delay (seconds/vehicle) |  |
| :---: | :---: | :---: | :---: |
|  |  | Signalized | Unsignalized \& Roundabouts |
| A | Very low control delay. Progression is very favorable; most vehicles do not stop. | $\leq 10$ | $\leq 10$ |
| B | Low delay with good progression and/or short cycle lengths. | > 10 to 20 | > 10 to 15 |
| C | Moderate delay resulting from fair progression and/or longer cycle times. Some vehicles may not clear intersection in one green phase. | > 20 to 35 | > 15 to 25 |
| D | Longer control delays with noticeable congestion. Many vehicles stop and the proportion not served by the first green phase rises. | > 35 to 55 | > 25 to 35 |
| E | High delay due to poor progression, long cycle lengths, or both. | > 55 to 80 | > 35 to 50 |
| F | Intersection oversaturated; arrival rates exceed intersection capacity so queues build up. | > 80 | > 50 |
| Source: Highway Capacity Manual 2000, Transportation Research Board, 2000 |  |  |  |
| Note: For signalized intersections and roundabouts, the LOS is based on the average for all vehicles entering the intersection. For unsignalized intersections, the LOS is based on the delay for the worstperforming approach. <br> - - Caltrans transition between LOS C and D |  |  |  |

The City of Moreno Valley has established a target LOS of D for the eight study intersections.

## 3. BASE CONDITIONS

This section reports traffic conditions under Base Conditions for the year 2022. Traffic counts were collected in 2017 and reviewed in the year 2018; therefore, the year 2018 is used as the volumes to derive the year 2022 conditions for analysis, since construction is anticipated to begin in 2022.

## Land Use

Land uses in the area were reviewed in September 2018 to identify the type of land use, location, and access to the roadway network. Specific attention was given to those land uses that rely on WLC Pkwy to access the local and regional roadway network. The land uses in the area of WLC Pkwy consist primarily of dry-land agriculture, with a few residences, a landfill, and one large distribution center (see Exhibit 3). The large distribution center is the 1.8 million square-foot Skechers facility, which includes a factory outlet store, and is the largest trip generator along WLC Pkwy. Vehicle trips from Skechers account for approximately half of existing peak hour traffic at the SR-60 Eastbound ramp intersection with WLC Pkwy.
In addition to the Skechers distribution facility, the other large traffic generating land use in the vicinity of the WLC Pkwy IC is the Badlands Landfill located northeast of the Theodore Street/Ironwood Avenue intersection. The landfill site is currently (2018) permitted to receive up to 612 vehicles per day. Based on data from 2014, on a typical day when the landfill site is open, 10 to 15 department employees travel to and from the site and on average 217 customers access the landfill per day. Vehicle trips accessing both land uses primarily travel to/from SR-60, although several trips for the Badlands Landfill were observed using local streets parallel to SR-60. Detour routing for the interchange closure has specifically considered the travel patterns of the two large land uses.

In addition to the Skechers distribution facility and the Badlands Landfill, the following are potentially affected land uses located on WLC Pkwy that use the interchange to access SR-60:

- One residence on the west side of WLC Pkwy near the Dracaea Avenue intersection.
- Four residences on the east side of WLC Pkwy between Eucalyptus Avenue and Dracaea Avenue.
- Seven residences on the east side of WLC Pkwy and north of SR-60.

It was noted during field visits that the only other active non-residential land use along WLC Pkwy was the sale of hay at one WLC Pkwy residence north of SR-60. However, it is assumed that the sales are private and that the trip generating characteristics of the site would not differ substantially from a standard residential parcel.

Land uses along Redlands Boulevard were reviewed to determine if the WLC Pkwy IC closure and detour routes would significantly affect the land uses. Land uses along, and in the vicinity of, Redlands Boulevard include residential, a nursery, a church, and a mini-market. During the development of this report, in summer 2015, the ALDI warehouse was constructed and opened at the northwest quadrant of the intersection of Redlands Boulevard and Eucalyptus Avenue.

The Prologis development has been built and Eucalyptus Avenue from Redlands Boulevard to Moreno Beach Drive is now open.

## Roadway Network

## World Logistics Center Parkway Interchange

The existing ramp system provides direct access to WLC Pkwy from SR-60. The existing interchange is a two-quadrant cloverleaf in which westbound SR-60 on- and off-ramp traffic connects to WLC Pkwy at a side-street stop-controlled intersection on the northern side of the interchange. Eastbound SR-60 on- and off-ramp traffic connects at a side-street stop-controlled intersection on the southern side of the interchange. Through-traffic on WLC Pkwy passes over SR-60 on a two-lane overpass.

The proposed WLC Pkwy IC does not have bicycle lanes but has hard shoulders and a sidewalk on the west side of the bridge.


Exhibit 3: Base Conditions of the Study Area

## Eucalyptus Avenue

Eucalyptus Avenue currently extends approximately 3,800 feet, from WLC Pkwy to the western edge of the Skechers distribution facility. The existing configuration of the roadway is two lanes westbound and one lane eastbound with a raised median. Access to the Skechers distribution facility is provided via five driveways on Eucalyptus Avenue, two of which are right-in and right-out only. On-street bike lanes exist along Eucalyptus Avenue in both directions of travel. A sidewalk is provided only on the portion of roadway adjacent to the Skechers site. Currently, the segment between the Skechers frontage and Redlands Boulevard is paved for emergency access. The emergency access allowed traffic during closure of the WLC Pkwy overcrossing in 2015 and continues to be open for one-way traffic.

The General Plan calls for Eucalyptus Avenue to be extended west through an intersection with Redlands Boulevard as a four-lane divided roadway. In summer 2015, the ALDI warehouse project constructed a segment of Eucalyptus Avenue to the west to connect to the ALDI project site. The intersection of Eucalyptus Avenue/Redlands Boulevard has been constructed and a traffic signal was installed as part of the project as well (see Exhibit 5). Eucalyptus Avenue has been extended to Moreno Beach Drive as part of a large scale industrial development project.

## Redlands Boulevard Interchange

Redlands Boulevard/SR-60 IC is the adjacent interchange west of WLC Pkwy IC. Redlands Boulevard is a two-lane north-south arterial road that accesses the land both north and south of SR-60 which WLC Pkwy IC serves.

## Ironwood Avenue

Ironwood Avenue is a two-lane east-west arterial road parallel to the SR-60. It terminates at Theodore Street at the Badlands Landfill access.

## Intersection LOS

Traffic counts for turning movements in the AM and PM peak hours were collected for the study intersections during typical workdays in 2017. A growth factor of $2 \%$ per year (consistent with the City of Moreno Valley Traffic Impact Analysis Preparation Guide ${ }^{1}$ ) was used to estimate the traffic volumes for the 2022 Base Conditions at the study locations. Exhibit 6 shows the turning movement volumes under the Base Conditions. Existing traffic counts are reported in detail in Appendix A. It is noted that the traffic volumes at the intersection of Redlands Boulevard and Eucalyptus Avenue were obtained from the SR60/WLC Pkwy IC PA/ED Traffic Study Report ${ }^{2}$. The 2022 No-build scenario volumes were used.

Exhibit 4 summarizes the intersection LOS for the existing conditions. Detailed worksheets are presented in Appendix B. The LOS for all study intersections is LOS C or better in both the AM and PM peak hours.

[^0]Exhibit 4: Intersection LOS for Base Conditions (2022)

| ID | Intersection | Traffic Control | AM Peak Hour |  | PM Peak Hour |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Delay | LOS | Delay | LOS |
| 1 | WLC Pkwy \& Eucalyptus Avenue | SSSC ${ }^{2}$ | 15.4 | C | 13.3 | B |
| 2 | WLC Pkwy \& SR-60 EB Ramps | SSSC ${ }^{2}$ | 12.7 | B | 9.9 | A |
| 3 | WLC Pkwy \& SR-60 WB Ramps | SSSC ${ }^{2}$ | 10.6 | B | 11.4 | B |
| 4 | Theodore Street \& Ironwood Avenue | SSSC ${ }^{2}$ | 8.9 | A | 8.9 | A |
| 5 | Redlands Boulevard \& Eucalyptus Avenue | SIGNAL ${ }^{1}$ | 9.8 | A | 6.7 | A |
| 6 | Redlands Boulevard \& SR-60 EB Ramps | SIGNAL ${ }^{1}$ | 12.3 | B | 24.7 | C |
| 7 | Redlands Boulevard \& SR-60 WB Ramps | SIGNAL ${ }^{1}$ | 22.5 | C | 33.2 | C |
| 8 | Redlands Boulevard \& Ironwood Avenue | SIGNAL ${ }^{1}$ | 12.4 | B | 12.8 | B |
| Notes: <br> 1. For signalized intersections, average delay and LOS for all approaches are reported. <br> 2. "SSSC" means "side-street stop controlled." For SSSC intersections, delay and LOS for the worst performing approaches are reported. |  |  |  |  |  |  |



Exhibit 5: Current Condition of the Eucalyptus Avenue


Exhibit 6: Turning Movement Volumes for Base Conditions (2022)

## 4. CONDITIONS WITH INTERCHANGE CLOSURE

## Limits of Construction and Construction Staging

Construction of the project will require the closure of WLC Pkwy at times, from north of the existing SR-60 westbound ramps to the intersection of Eucalyptus Avenue/WLC Pkwy (including the bridge over SR-60). The exact point of closure will be determined during the development of construction plans; however, it is likely that due to the grade changes the northern closure point would be beyond the driveway to the residence at 12400 WLC Pkwy. Staging would then be required to maintain access to and from the residence.

On the south side of SR-60, the differences in profile grade between proposed WLC Pkwy and existing Eucalyptus Avenue would require construction to elevate the WLC Pkwy/Eucalyptus intersection by as much as 30 feet. Due to the substantial difference between the existing and proposed grades at the intersection, the proposed plan is to close the intersection for construction and maintain an alternate route to access Eucalyptus Avenue, through Redlands Boulevard as an alternate route. As part of this, a temporary roadway would be constructed at the south west quadrant of the closed intersection to connect Eucalyptus Avenue and WLC Pkwy to the south.

Based on discussions within the design team and input provided at meetings from Caltrans, Caltrans and the team would prefer complete closure of the interchange during construction, rather than trying to build the new ramps and bridge piecemeal so that only partial closures are necessary. Complete closure is expected to substantially reduce the overall cost and timeframe for construction as well as enhancing the safety of the work environment for construction workers and motorists due to the construction challenges with the substantial difference (up to 30 feet) between the existing and the proposed roadway profile. Construction staging concepts were developed with the assumption that the interchange would be completely closed during part of the construction. It is estimated that the duration of the complete closure of the interchange would be approximately 4 months.
The conceptual staged construction and the estimated construction durations are described below. Exhibits depicting the work to be done and construction area for each construction phase are included in Appendix D.

## Construction Phase 1

Sub-Phase 1a - Construct portion of the proposed eastbound and westbound ramps of the interchange that are not within the footprint of the existing ramps. No roadway closure is anticipated and the interchange will remain open. (Estimated Duration: 7 months)
Sub-Phase 1b - Construct one additional lane along Eucalyptus Avenue between Redlands Boulevard and its current terminus at the western edge of the existing Skechers building to accommodate detoured traffic. Partial closure at the Eucalyptus Avenue and Redlands Boulevard intersection is anticipated but traffic access will be maintained on Redlands Boulevard. The interchange will remain open. (Estimated duration: 2 months)
Sub-Phase 1c - Construct the Eucalyptus Avenue and WLC Pkwy intersection and permanent grading for the Southern California Edison (SCE) owned poles relocation. The SCE poles relocation details and timing will be determined during final design. The WLC Pkwy and Eucalyptus Avenue intersection would be closed to all traffic movements during this phase. A temporary roadway would be constructed at the south west quadrant of the closed intersection to connect Eucalyptus Avenue and WLC Pkwy to the south. Traffic accessing in and out of the Skechers distribution facility would be detoured to the Eucalyptus Boulevard and Redlands Boulevard intersection. The interchange would remain open during this sub-phase providing access to and from the north on WLC Pkwy only. (Estimated duration: 4 months)

Sub-Phase 1d - Construct the temporary detour connecting the WLC Pkwy and Eucalyptus Avenue intersection to the existing WLC Pkwy and the freeway ramp to the north. The intersection would remain closed during this sub-phase. (Estimated duration: 1 month)
The estimated construction duration for Phase 1 is 7 months assuming that sub-phases $1 \mathrm{~b}, 1 \mathrm{c}$, and 1 d would occur concurrently with Phase 1a.

## Construction Phase 2

Sub-phase 2a - Construct WLC Pkwy north and south of the existing bridge over SR-60 to join with the newly constructed ramps from sub-phase 1a. The interchange will be completely closed to all traffic movements during this sub-phase for approximately 4 months. (Estimated duration: 4 months)

Sub-phase 2 b - Demolish the existing ramps and construct the remaining portion of the proposed ramps and approaches of the interchange. Portion of the work in this sub-phase can be done concurrently with sub-phase 2a to minimize the need for other roadway closures. (Estimated duration: 4 months)
The estimated construction duration for Phase 2 is 6 months with some overlaps of the two sub-phases.

## Construction Phase 3

Sub-phase 3a - Construct the new WLC Pkwy bridge over SR-60. The WLC Pkwy bridge will be closed but the newly constructed freeway ramps will be open during this sub-phase. Some of the bridge work could overlap with work in phase 2 to reduce construction duration. The final design of the bridge and bridge type will determine the duration of the construction. (Estimated duration: 10 months)
Sub-phase 3b - Widening of WLC Pkwy near Ironwood Avenue. Partial closure of the Theodore Street at Ironwood Avenue is anticipated. (Estimated duration: 2 months)

The estimated construction duration for Phase 3 is 10 months with sub-phase 3b occurring concurrently with sub-phase 3a.
It is estimated that the construction staging strategy with the interchange completely closed for 4 months as described above, would reduce the overall project construction duration from 30 months to 19 months. Construction with partial closure of the interchange and allowing traffic flow at the ramps and on WLC Pkwy throughout the course of construction would require the widening of WLC Pkwy to be done for half of the roadway at a time, which would substantially increase the duration for sub-phases 1 c and 2 a , which would then push back the start of the bridge construction in sub-phase 3a. In addition, widening WLC Pkwy in two settings would be challenging due to the substantial difference (up to 30 feet) between the existing and the proposed roadway profile. Temporary shoring would be required along WLC Pkwy. The estimated construction duration comparison between the construction staging with and without the complete interchange closure is presented in Exhibit 7.

It is estimated that the construction cost of the roadway widening portion would be reduced by $25 \%$ to $35 \%$ with the complete interchange closure during construction. Due to the substantial difference in the proposed roadway profile on WLC Pkwy, temporary shoring along the roadway would be required to allow traffic on WLC Pkwy during construction. This would not be needed if the roadway and interchange are completely closed to traffic. The effort and cost required for traffic control would be reduced as well.

## Estimated Construction Duration with 4 M onth Complete Interchange Closure



Estimated Construction Duration without Complete Interchange Closure (Build half of WLC Pkwy with shoring)


Exhibit 7: Estimated Construction Duration Comparison

## Proposed Closure Conditions: Eucalyptus Avenue Extension

The proposed conditions would be to extend Eucalyptus Avenue from its current terminus at the western edge of the developed Skechers site to Redlands Boulevard. The proposed condition would be to widen Eucalyptus Avenue to accommodate detoured traffic during the closure of the SR-60/WLC Pkwy IC. There currently exists a single-lane access road. Highland Corporate Park is conditioned to extend and widen Eucalyptus Avenue to its ultimate condition between Redlands Boulevard and WLC Pkwy as their development expands. The timing of Highland Corporate Park's ultimate improvements on Eucalyptus Avenue is not known. As a result, if the ultimate improvements on Eucalyptus Avenue are not constructed by Highlands Corporate Park at the time it is required for the SR-60/WLC Pkwy IC detoured traffic, an additional lane will be added between Redlands Boulevard and the existing Skechers building as part of the SR-60/WLC Pkwy IC project with the reimbursement of the costs to be collected from Highland Corporate Park.

## Detour Routes

Detour routes have been developed to provide access between SR-60 and the land uses north and south of the freeway (shown in Exhibit 8). The detour routes utilize the most direct roadways consistent with existing travel patterns. The detour routes will use the Redlands Boulevard interchange which is located approximately one mile to the west of the proposed WLC Pkwy IC.
The re-distribution of existing traffic was based on a review of the roadway network characteristics including lanes and intersection controls, existing travel patterns, existing turning movement traffic counts, and use of the travel demand forecasting model to observe regional travel patterns. Individual roadway segments adjacent to the WLC Pkwy interchange were selected in the model and trips to/from each link were isolated. The "Select Link Analysis" provided an estimation of directional travel patterns outside of the study area. For example, the Select Link Analysis showed that trips accessing Eucalyptus Avenue from the south primarily originated in the west, which indicates that those motorists could more conveniently use the Eucalyptus Avenue Extension instead of the Eucalyptus Avenue/WLC Pkwy intersection.


Exhibit 8: Proposed Detour Routes During Interchange Closure

## Detour Route North of SR-60 (shown in green in Exhibit 8)

Traffic from the Badlands Landfill and residential land uses to the north of SR-60 will use Ironwood Avenue and Redlands Boulevard to access the Redlands Boulevard interchange with SR-60. This path would require that Ironwood Avenue between Redlands Boulevard and WLC Pkwy be designated as a temporary truck route to accommodate waste disposal trucks going to and from the landfill (it is not currently a designated truck route).

## Detour Route to Skechers of SR-60 (shown in blue in Exhibit 8)

Trips to and from the Skechers distribution center will use the Redlands Boulevard Interchange, a short section of Redlands Boulevard, and the Eucalyptus Avenue Extension. This path would require that the short section of Redlands Boulevard, south of the eastbound off-ramp, and the Eucalyptus Avenue Extension be used for truck access and will require it to be open for 2-way access for all vehicles. Emergency services will continue to access the Skechers distribution center on the west side from Redlands Boulevard.

## Detour Route to Houses along WLC Pkwy (shown in brown in Exhibit 8)

Trips to and from the five residences along WLC Pkwy will use the bypass road and route around Redlands Boulevard. Local traffic may also use Alessandro Boulevard to access Gilman Springs Road and the Gilman Springs Road interchange to access SR-60.
It is noted that in January 2015, the existing WLC Pkwy bridge was struck by a truck traveling on the SR60 mainline. This incident resulted in a complete closure of the WLC Pkwy bridge for emergency repairs. During the bridge closure, the same detour routes as proposed in this study were put in place to detour traffic.

## Traffic Re-Distribution During Construction

The base condition traffic volumes at the WLC Pkwy IC were distributed through the study intersections based on the primary detour routes, consistent with baseline traffic patterns in the area. Exhibit 9 shows the resulting intersection traffic volumes for the "Project Construction Conditions" at the study intersections.

A conservative approach, assuming all the respective existing traffic volumes at the closed ramp will be diverted to the primary detour routes, was applied to identify the traffic impacts under the worst-case scenario for the interchange closure. It is possible that a certain amount of traffic will be diverted to routes other than the identified primary detour routes and some travelers will adjust their travel plans to avoid the area with closures. Therefore, the actual traffic volumes diverted to the primary detour routes could be less than those identified in the report.

## Intersection LOS During Project Construction

Traffic operations at the study intersections were evaluated for the project construction Conditions to determine if distributed traffic would cause negative impacts to the intersection's operations. Intersection operations were evaluated using the Synchro software, and are consistent with the WLC Pkwy IC PA/ED study. The existing conditions' traffic operations in this study are consistent with the findings from the PA/ED study. In addition, no improvement projects were assumed to be completed to the study intersections prior to the beginning of project construction; therefore, the intersection geometries and signal phasing have been assumed to remain consistent with existing conditions.
Exhibit 10 summarizes the peak hour delay and LOS forecasted for existing and the project construction conditions. Detailed worksheets are presented in Appendix C.


Exhibit 9: Forecasted Turning Movement Volumes during Project Construction Conditions (2022)

Exhibit 10: Forecasted Intersection LOS during Project Construction (2022)

| ID | Intersection | Traffic Control | Base Conditions (2022) |  |  |  | Base Conditions + Construction (2022) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | AM Peak Hour |  | PM Peak Hour |  | AM Peak Hour |  | PM Peak Hour |  |
|  |  |  | Delay (sec/v eh) | LOS | Delay (sec/v eh) | LOS | Delay (sec/v eh) | LOS | Delay (sec/v eh) | LOS |
| 1 | WLC Pkwy \& Eucalyptus Avenue | SSSC ${ }^{2}$ | 15.4 | C | 13.3 | B | Closed during Project Construction <br> (Bypass Road does not have intersection control) ${ }^{3}$ |  |  |  |
| 2 | WLC Pkwy \& SR-60 EB Ramps | SSSC ${ }^{2}$ | 12.7 | B | 9.9 | A |  |  |  |  |
| 3 | WLC Pkwy \& SR-60 WB Ramps | SSSC ${ }^{2}$ | 10.6 | B | 11.4 | B |  |  |  |  |
| 4 | Theodore Street \& Ironwood Avenue | SSSC ${ }^{2}$ | 8.9 | A | 8.9 | A | 8.5 | A | 9.0 | A |
| 5 | Redlands Boulevard \& Eucalyptus Avenue | SIGNAL ${ }^{1}$ | 9.8 | A | 6.7 | A | 20.0 | B | 11.9 | B |
| 6 | Redlands Boulevard \& SR-60 EB Ramps | SIGNAL ${ }^{1}$ | 12.3 | B | 24.7 | C | 37.9 | D | 38.6 | D |
| 7 | Redlands Boulevard \& SR-60 WB Ramps | SIGNAL ${ }^{1}$ | 22.5 | C | 33.2 | C | 26.6 | C | 28.4 | C |
| 8 | Redlands Boulevard \& Ironwood Avenue | SIGNAL ${ }^{1}$ | 12.4 | B | 12.8 | B | 18.2 | B | 16.6 | B |

## Notes:

1. For signalized intersections, average delay and LOS for all approaches are reported.
2. "SSSC" means "side-street stop controlled." For SSSC intersections, delay and LOS for the worst performing approach are reported.
3. Assumes the Eucalyptus Avenue Extension is open.

All study intersections would operate at the target LOS of "D" or better during the AM and PM peak hours during construction. Therefore, no capacity increasing improvements are needed to accommodate the additional traffic demand at the study intersections.

## Travel Time

Travel time was determined for scenarios before and after the WLC Pkwy IC closure to assess the additional time required to travel on the detour routes and to determine whether unreasonable inconvenience would occur as a result of the proposed detours. The travel time estimates were conducted using roadway travel distances and posted speed limits to calculate a route travel time.

Given the relatively low congestion and delay along the roadways and intersections in the study area, the Time-Speed approach was deemed sufficient for travel time estimations. However, all detour routes were driven to ensure that they were free of constraints that may hinder free-flow travel. Exhibit 11 provides the estimated travel times between SR-60 and key origins within the study area for existing conditions and project construction conditions. The intent of estimating travel time between SR-60 and points of interest within the area is to better understand how a typical motorist would be affected by the WLC Pkwy IC closure. Traffic counts and field observations indicate that most traffic along WLC Pkwy uses SR-60; therefore, selecting destination points on SR-60 was intended to mimic existing travel patterns.

For example, Exhibit 11 provides an estimate of the distance and travel time from the Theodore Street/Ironwood Avenue intersection to a point on SR-60 west of the Redlands Boulevard ramps. The route is a common route for vehicles traveling between areas within Moreno Valley and the Badlands Landfill. The exhibit provides distance and estimated travel time increases to be expected during the project construction conditions.

The travel time along the routes refers to the time spent traveling along each respective detour. Time is rounded to the nearest minute.

Exhibit 11: Travel Time and Distance Estimates

| Travel Time | Existing Conditions | Project Construction Conditions* | Difference |
| :---: | :---: | :---: | :---: |
| From SR-60 West of Redlands Boulevard to: |  |  |  |
| Theodore Street/Ironwood Avenue | 1.4 miles 2 minutes | 1.5 miles 2 minutes | $\begin{gathered} 0.1 \text { miles } \\ <1 \text { minute } \end{gathered}$ |
| WLC Pkwy/Eucalyptus Avenue | 1.4 miles 2 minutes | 1.4 miles 2 minutes | 0 miles $<1$ minute |
| Skechers Distribution Site - Vehicle Access | 1.7 miles 2 minutes | 1.1 miles 2 minutes | $\begin{aligned} & -0.6 \text { miles } \\ & <1 \text { minute } \end{aligned}$ |
| Skechers Distribution Site - Truck Access | 2.0 miles 3 minutes | 0.7 miles 1 minutes | $\begin{aligned} & -1.3 \text { miles } \\ & -1 \text { minute } \\ & \hline \end{aligned}$ |
| WLC Pkwy/Dracaea Avenue | 2.1 miles 3 minutes | 3.8 miles 6 minutes | 1.7 miles 3 minutes |
| From SR-60 East of Gilman Springs Road to: |  |  |  |
| Theodore Street/Ironwood Avenue | 1.6 miles 2 minutes | 3.7 miles 5 minutes | 2.1 miles 3 minutes |
| WLC Pkwy/Eucalyptus Avenue | 1.0 miles 1 minute | 3.2 miles 3 minutes | 2.1 miles 2 minutes |
| Skechers Distribution Site - Vehicle Access | 1.3 miles 1 minute | 2.9 miles 3 minutes | 1.5 miles 2 minutes |
| Skechers Distribution Site - Truck Access | 1.8 miles 2 minutes | 2.3 miles 3 minutes | 0.7 miles 1 minute |
| WLC Pkwy/Dracaea Avenue | 1.6 miles 2 minutes | 4.7 miles 7 minutes | 3.1 miles 5 minutes |
| *Notes: <br> - Travel times represent approximations based on distance and posted speed limit calculation and do not include stopped time at intersections. Minimum travel time shown as " $<1$ minute". <br> - "Vehicle Access" was assumed to be the driveway approximately 1,600 feet from WLC Pkwy. <br> - "Truck Access" was assumed to be the driveway approximately 3,600 feet from WLC Pkwy. |  |  |  |

As can be seen in Exhibit 11, most travelers coming from or going to places west of Redlands Boulevard on SR-60 ( $76 \%$ of current WLC Pkwy IC users) would experience little, if any, delay as a result of the closure of the WLC Pkwy IC. In fact, the extension of Eucalyptus Avenue will decrease the distance and travel time for the largest group of users of the WLC Pkwy IC, namely to and from the Skechers distribution site. As shown in Exhibit 8, the truck access for the Skechers site and the west will decrease by over one mile; passenger car access to the site will decrease by over half a mile (passenger cars typically enter the site from a different driveway than trucks). The only notable inconvenience to/from areas west of the site would be travelers to and from the five residences along WLC Pkwy south of Eucalyptus Avenue, who would travel an additional 1.7 miles (approximately 3 minutes) to reach SR-60 at Redlands Boulevard.
The $23 \%$ of current WLC Pkwy IC users traveling to or from SR-60 east of Gilman Springs Road IC would experience increases in travel time of 1 to 3 minutes, with the exception of travelers to and from the five residences along WLC Pkwy south of Eucalyptus Avenue, who would travel an additional 3.1 miles (approximately 5 minutes) to reach SR-60 at Gilman Springs Road.

## Emergency Response Travel Time

Emergency response travel time was considered when evaluating the detour routes associated with the closure of the WLC Pkwy IC. Access to the Skechers site by the Moreno Valley Fire Department was analyzed to determine the amount of delay that would be added to their response times with the closure of the interchange. The calculated travel time delay was compared to the Moreno Valley Fire Department
goal of responding within a five minute response time to $90 \%$ of the calls (Moreno Valley Fire Department Strategic Plan, December 2011).
The closest fire station to the Skechers distribution site is the Moreno Beach Fire Station \#58, located at 28040 Eucalyptus Avenue. Eucalyptus Avenue has recently been constructed and opened to connect to Redlands Boulevard. This allows for access directly to the Skechers site.

Field observations noted that fire response vehicles, while responding to a call, used the open "truck" entrance along the western edge of the Skechers site. The other access gates along Eucalyptus are closed and not staffed, whereas the gates at the western edge of the site are staffed so that they can be opened for the fire department. For purposes of this evaluation, emergency response vehicles were assumed to access the site via the driveway on the western end of the Skechers distribution site.
Estimated travel times for emergency response were calculated similar to passenger car and truck travel times, by using a speed-distance calculation. The estimated travel times do not account for stoppage time.

With Eucalyptus Avenue extending to connect to Redlands Boulevard, the distance required to access the site decreases by 1.4 miles, resulting in an approximately 90 seconds of response time savings. The emergency travel time to the Skechers site is less than one minute.
Emergency access from the Moreno Beach Fire Station \#58 site to the five residences south of the WLC Pkwy IC would remain the same. The access route will be on Eucalyptus Avenue to WLC Pkwy.

## Heavy Vehicle Traffic

Intersections along the detour routes were evaluated to determine if the addition of heavy vehicle turning movements could be accommodated. Field observations and a review of the City of Moreno Valley Truck Routes found that heavy vehicles already successfully make turns at intersections under existing conditions. The following intersections require special attention for project construction conditions:

## Redlands Boulevard/Ironwood Avenue

The detour route between the SR-60 Redlands Boulevard interchange and the Badlands Landfill would require heavy vehicles to make a northbound right-turn and westbound left-turn at the Redlands Boulevard/Ironwood Avenue intersection. At the present time, this turning movement is not frequently made by heavy vehicles. Exhibit 12 shows a truck turning analysis at the intersection to determine if heavy vehicles could make the turning movements without impacting vehicles in adjacent travel lanes. As shown, the truck template goes beyond the existing footprint of the intersection. Therefore, the southeast quadrant of this intersection will need to be improved to accommodate the detoured trucks.

## Alessandro Boulevard/ WLC Pkwy

Exhibit 13 shows a truck turning analysis at the intersection to determine if heavy vehicles could make the turning movements. As shown, the truck template goes beyond the existing footprint of the intersection. Therefore, the intersection will need to be improved to accommodate the detoured trucks.

## Alessandro Boulevard/Gilman Springs Road

Exhibit 14 shows a truck turning analysis at the intersection to determine if heavy vehicles could make the turning movements. As shown, the truck template goes beyond the existing footprint of the intersection. Therefore, the southwest and southeast quadrants of this intersection may need to be improved to accommodate the detoured vehicles.


Exhibit 12: Truck Turning Analysis at Redlands Boulevard / Ironwood Avenue Intersection


Exhibit 13: Truck Turning Analysis at Alessandro Boulevard / WLC Pkwy Intersection


Exhibit 14: Truck Turning Analysis at Alessandro Boulevard / Gilman Springs Road Intersection

## Bicycle and Pedestrian Traffic

Bicycle and pedestrian crossings of the WLC Pkwy IC will be prohibited during construction. Bicyclists and pedestrians should be detoured to the Redlands Boulevard freeway crossing. Additionally, temporary paving or grading could be included on the same side as the pedestrian walkway on the bridge. The Redlands Boulevard IC, similar to the WLC Pkwy IC, has striped hard shoulders and a sidewalk on the west side of the bridge. Therefore, no significant impact due to degradation of facilities is expected for bicyclists and pedestrians.

## 5. CONCLUSIONS

The closure of the WLC Pkwy IC would require existing traffic to be diverted to adjacent roadways and the Redlands Boulevard interchange. The evaluations completed as part of this study found that the detour routes and study intersections could accommodate the detoured vehicles while maintaining an acceptable Level of Service. Closure of the WLC Pkwy IC with proper notice and planning will not adversely impact the existing traffic operations in the study area. Inconveniences to motorists would be minimal given the close proximity and relative ease of access to the Redlands Boulevard IC.

Time-delay analysis and intersection operational analysis were performed for the proposed primary detour routes associated with the WLC Pkwy IC closure to identify the potential traffic impacts due to the closure. The analysis found that all study intersections would continue to operate at acceptable levels during construction of the project.
In addition, travel times of the existing routes and the proposed primary detour routes for the interchange closure scenario were determined for free-flow conditions. The travel time delay analysis concluded that all the proposed detour routes for the closure would impose a less than one minute delay to motorists traveling to/from the west on SR-60. Motorists travelling to/from the east, which represent a smaller amount of traffic, would incur an approximate 2:00 minute delay.

Completion of the Eucalyptus Avenue Extension prior to initiation of the project would reduce travel delay for motorists on Eucalyptus Avenue, when compared to existing conditions. The completion of the Eucalyptus Avenue Extension would allow for the WLC Pkwy/Redlands Boulevard intersection to be closed for the entire construction period with increased delay to only a small percentage of motorists in the area.

The goals and objectives of the interchange closure are to enhance safety to the work environment for both the work force and motoring public as well as minimizing delays for motorists. Based on the existing and future forecasted traffic volumes, the WLC Pkwy IC is considered an interchange with low traffic volumes. The analysis in this study revealed that the intersections along the detour routes would operate at an acceptable Level of Service and thus the impacts on motorists would not be significant. In addition, having complete closure of the interchange for 4 months during construction would reduce the construction duration when compared to having partial closure of the WLC Pkwy bridge. Complete interchange closure would reduce the overall construction duration by approximately 11 months with a cost savings of $25 \%$ to $35 \%$ on the overall construction costs. In general, construction costs are reduced due to multiple contractor mobilizations for various construction trades, a reduction in the traffic control needed for multiple stages, and more efficient construction activities. To ensure the 4 -month closure duration is successful, controls will be placed on the contractor as well as maintain close coordination with Caltrans and the community.

## Recommendations

The WLC Pkwy IC project is not expected to adversely impact businesses and residences in the area; however, the following measures are recommended:

- Partially close Theodore Street north of the SR-60 westbound on/off ramp intersection and provide continued access to local land owners during the closure. (Phase 2)
- Partially close WLC Pkwy south of the WLC Pkwy/Eucalyptus Avenue intersection. (Phase 1)
- Post notifications at the Badlands Landfill, along landfill access road, and at the Ironwood Avenue/Theodore Street intersection to notify trucks of the closure of WLC Pkwy and its detour route.
- Install temporary Truck Route Detour signage (SC3 CA DETOUR with arrow supplement to R14-1 TRUCK ROUTE) to direct trucks along Ironwood Avenue and Redlands Boulevard between the Badlands Landfill and SR-60 (to provide special notice to Badlands Landfillrelated truck trips, in addition to standard detour signage, as needed).
- Install temporary Truck Route Detour signage (SC3 CA DETOUR with arrow supplement to R14-1 TRUCK ROUTE) to direct trucks along the short section of Redlands Boulevard, south of the eastbound off-ramp, and the Eucalyptus Avenue Extension.
- Create one point of contact within the City of Moreno Valley and/or Caltrans to provide closure information to requesting parties.
- Post notifications at intersections along Alessandro Boulevard and Redlands Boulevard to alert northbound motorists of the WLC Pkwy closure.
- Provide proper notification and continued communication for all affected groups as part of the public outreach program in the Transportation Management Plan including:
- Local businesses
- Local agencies (City of Moreno Valley and County of Riverside public services)
- Emergency response services (Moreno Valley Fire Department, Riverside County Fire Department, and local ambulance services, etc.)
- Law enforcement agencies (City of Moreno Valley Police Department, County of Riverside Sheriff, California Highway Patrol, etc.)
- Local school districts
- Trucking industry
- Chamber of Commerce and local politicians
- Conduct an open house Town Hall meeting to discuss the interchange closure plan with the public.
- Notify the public of the pending interchange closure through multiple media outlets by sending informational notices, issuing press releases, and making public service radio announcements, etc.
- Form an email interest/distribution list for updates


## - Create a project website for updates

- Involve the City of Moreno Valley and County of Riverside Traffic Engineer in interchange closure actions as needed.
- Include elements as listed in the Transportation Management Plan attached in Appendix E.
- Provide improvements at the following intersections:
- Redlands Boulevard/Ironwood Avenue - Improve the southeast quadrant of this intersection to accommodate the detoured trucks.
- Alessandro Boulevard/WLC Pkwy - Improve intersection to accommodate the detoured trucks.
- Alessandro Boulevard/Gilman Springs Road - Improve intersection to accommodate the detoured vehicles.


# SR-60/WORLD LOGISTICS CENTER PARKWAY INTERCHANGE CLOSURE STUDY 

## Appendix A

Traffic Counts

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City of Moreno Valley
N/S: Theodore Street
E/W: Eucalyptus Avenue
Weather: Clear

File Name : 04_MRV_Theodore_Eucalyptus AM
Site Code : $0981732 \overline{3}$
Start Date: 5/31/2017
Page No : 1

Groups Printed- Cars \& Trailers - Large 2 Axle Vehicles - 3 Axle Vehicles - 4 Axle Trucks - 5 Axle Trucks - $6+$ Axle Trucks - Buses \& RV's Motorcycles - Bicycles - Medium Truck

|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | Eucalyptus Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Thru | Right | App. Total | Left | Thru | App. Total | Left | Right | App. Total | Int. Total |
| 07:00 AM | 7 | 7 | 14 | 1 | 8 | 9 | 1 | 0 | 1 | 24 |
| 07:15 AM | 17 | 11 | 28 | 4 | 11 | 15 | 2 | 0 | 2 | 45 |
| 07:30 AM | 15 | 15 | 30 | 6 | 12 | 18 | 0 | 2 | 2 | 50 |
| 07:45 AM | 14 | 16 | 30 | 7 | 13 | 20 | 2 | 2 | 4 | 54 |
| Total | 53 | 49 | 102 | 18 | 44 | 62 | 5 | 4 | 9 | 173 |
| 08:00 AM | 10 | 23 | 33 | 15 | 12 | 27 | 2 | 1 | 3 | 63 |
| 08:15 AM | 12 | 34 | 46 | 10 | 10 | 20 | 2 | 4 | 6 | 72 |
| 08:30 AM | 12 | 26 | 38 | 6 | 12 | 18 | 9 | 27 | 36 | 92 |
| 08:45 AM | 10 | 17 | 27 | 2 | 12 | 14 | 4 | 5 | 9 | 50 |
| Total | 44 | 100 | 144 | 33 | 46 | 79 | 17 | 37 | 54 | 277 |
| Grand Total | 97 | 149 | 246 | 51 | 90 | 141 | 22 | 41 | 63 | 450 |
| Apprch \% | 39.4 | 60.6 |  | 36.2 | 63.8 |  | 34.9 | 65.1 |  |  |
| Total \% | 21.6 | 33.1 | 54.7 | 11.3 | 20 | 31.3 | 4.9 | 9.1 | 14 |  |
| Cars \& Trailers | 45 | 117 | 162 | 47 | 44 | 91 | 13 | 37 | 50 | 303 |
| \% Cars \& Trailers | 46.4 | 78.5 | 65.9 | 92.2 | 48.9 | 64.5 | 59.1 | 90.2 | 79.4 | 67.3 |
| Large 2 Axle Vehicles | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| \% Large 2 Axle Vehicles | 0 | 0.7 | 0.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0.2 |
| 3 Axle Vehicles | 0 | 2 | 2 | 0 | 0 | 0 | 1 | 0 | 1 | 3 |
| \% 3 Axle Vehicles | 0 | 1.3 | 0.8 | 0 | 0 | 0 | 4.5 | 0 | 1.6 | 0.7 |
| 4 Axle Trucks | 1 | 2 | 3 | 0 | 0 | 0 | 1 | 0 | 1 | 4 |
| \% 4 Axle Trucks | 1 | 1.3 | 1.2 | 0 | 0 | 0 | 4.5 | 0 | 1.6 | 0.9 |
| 5 Axle Trucks | 43 | 13 | 56 | 0 | 40 | 40 | 3 | 0 | 3 | 99 |
| \% 5 Axle Trucks | 44.3 | 8.7 | 22.8 | 0 | 44.4 | 28.4 | 13.6 | 0 | 4.8 | 22 |
| 6+ Axle Trucks | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| \% 6+ Axle Trucks | 0 | 0.7 | 0.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0.2 |
| Buses \& RV's | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| \% Buses \& RV's | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Motorcycles | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| \% Motorcycles | 0 | 0.7 | 0.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0.2 |
| Bicycles | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 2 |
| \% Bicycles | 0 | 0.7 | 0.4 | 0 | 0 | 0 | 0 | 2.4 | 1.6 | 0.4 |
| Medium Truck | 8 | 11 | 19 | 4 | 6 | 10 | 4 | 3 | 7 | 36 |
| \% Medium Truck | 8.2 | 7.4 | 7.7 | 7.8 | 6.7 | 7.1 | 18.2 | 7.3 | 11.1 | 8 |


|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | Eucalyptus Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Thru | Right | App. Total | Left | Thru | App. Total |  |  |  |  |

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

| 07:45 AM | 14 | 16 | 30 | 7 | 13 | 20 | 2 | 2 | 4 | 54 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 08:00 AM | 10 | 23 | 33 | 15 | 12 | 27 | 2 | 1 | 3 | 63 |
| 08:15 AM | 12 | 34 | 46 | 10 | 10 | 20 | 2 | 4 | 6 | 72 |
| 08:30 AM | 12 | 26 | 38 | 6 | 12 | 18 | 9 | 27 | 36 | 92 |
| Total Volume | 48 | 99 | 147 | 38 | 47 | 85 | 15 | 34 | 49 | 281 |
| \% App. Total | 32.7 | 67.3 |  | 44.7 | 55.3 |  | 30.6 | 69.4 |  |  |
| PHF | 857 | . 728 | . 799 | . 633 | . 904 | 787 | 417 |  |  | 764 |

City of Moreno Valley
N/S: Theodore Street
E/W: Eucalyptus Avenue
Weather: Clear

File Name : 04_MRV_Theodore_Eucalyptus AM
Site Code : 09817323
Start Date : 5/31/2017
Page No : 1

|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | Eucalyptus Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Thru | Right | App. Total | Left | Thru | App. Total | Left | Right | App. Total | Int. Total |
| 07:00 AM | 5 | 4 | 9 | 1 | 7 | 8 | 0 | 0 | 0 | 17 |
| 07:15 AM | 10 | 6 | 16 | 4 | 10 | 14 | 1 | 0 | 1 | 31 |
| 07:30 AM | 9 | 10 | 19 | 5 | 6 | 11 | 0 | 1 | 1 | 31 |
| 07:45 AM | 4 | 13 | 17 | 7 | 6 | 13 | 1 | 1 | 2 | 32 |
| Total | 28 | 33 | 61 | 17 | 29 | 46 | 2 | 2 | 4 | 111 |
| 08:00 AM | 6 | 19 | 25 | 13 | 3 | 16 | 1 | 1 | 2 | 43 |
| 08:15 AM | 3 | 29 | 32 | 9 | 5 | 14 | 1 | 4 | 5 | 51 |
| 08:30 AM | 3 | 22 | 25 | 6 | 5 | 11 | 6 | 25 | 31 | 67 |
| 08:45 AM | 5 | 14 | 19 | 2 | 2 | 4 | 3 | 5 | 8 | 31 |
| Total | 17 | 84 | 101 | 30 | 15 | 45 | 11 | 35 | 46 | 192 |
| Grand Total | 45 | 117 | 162 | 47 | 44 | 91 | 13 | 37 | 50 | 303 |
| Apprch \% | 27.8 | 72.2 |  | 51.6 | 48.4 |  | 26 | 74 |  |  |
| Total \% | 14.9 | 38.6 | 53.5 | 15.5 | 14.5 | 30 | 4.3 | 12.2 | 16.5 |  |


|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | Eucalyptus Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Thru | Right | App. Total | Left | Thru | App. Total | Left | Right | App. Total | Int. Total |
|  |  |  |  |  |  |  |  |  |  |  |
| Peak Hour for Entire Intersection Begins at 07:45 AM |  |  |  |  |  |  |  |  |  |  |
| 07:45 AM | 4 | 13 | 17 | 7 | 6 | 13 | 1 | 1 | 2 | 32 |
| 08:00 AM | 6 | 19 | 25 | 13 | 3 | 16 | 1 | 1 | 2 | 43 |
| 08:15 AM | 3 | 29 | 32 | 9 | 5 | 14 | 1 | 4 | 5 | 51 |
| 08:30 AM | 3 | 22 | 25 | 6 | 5 | 11 | 6 | 25 | 31 | 67 |
| Total Volume | 16 | 83 | 99 | 35 | 19 | 54 | 9 | 31 | 40 | 193 |
| \% App. Total | 16.2 | 83.8 |  | 64.8 | 35.2 |  | 22.5 | 77.5 |  |  |
| PHF | . 667 | . 716 | . 773 | . 673 | . 792 | . 844 | . 375 | . 310 | . 323 | 720 |

City of Moreno Valley
N/S: Theodore Street
E/W: Eucalyptus Avenue
Weather: Clear

File Name : 04_MRV_Theodore_Eucalyptus AM
Site Code : 09817323
Start Date: 5/31/2017
Page No : 1

|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | Eucalyptus Avenue 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07:30 AM | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 07:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 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 | 0 | 0 | 0 | 0 |
| 08:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Grand Total | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Apprch \% | 0 | 100 |  | 0 | 0 |  | 0 | 0 |  |  |
| Total \% | 0 | 100 | 100 | 0 | 0 | 0 | 0 | 0 | 0 |  |


|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | Eucalyptus Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Thru | Right | App. Total | Left | Thru | App. Total | Left | Right | App. Total | Int. Total |
| Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
| Peak Hour for Entire In | ction | ins at 0 | 45 AM |  |  |  |  |  |  |  |
| 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 |
| 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 |
| Total Volume | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| \% App. Total | 0 | 0 |  | 0 | 0 |  | 0 | 0 |  |  |
| PHF | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 |

City of Moreno Valley
N/S: Theodore Street
E/W: Eucalyptus Avenue
Weather: Clear

File Name : 04_MRV_Theodore_Eucalyptus AM
Site Code : 09817323
Start Date : 5/31/2017
Page No : 1

|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | Eucalyptus Avenue 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 08:00 AM | 0 | 1 | 1 | 0 | 0 | 0 | 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 | 1 | 0 | 1 | 1 |
| 08:45 AM | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Total | 0 | 2 | 2 | 0 | 0 | 0 | 1 | 0 | 1 | 3 |
| Grand Total | 0 | 2 | 2 | 0 | 0 | 0 | 1 | 0 | 1 | 3 |
| Apprch \% | 0 | 100 |  | 0 | 0 |  | 100 | 0 |  |  |
| Total \% | 0 | 66.7 | 66.7 | 0 | 0 | 0 | 33.3 | 0 | 33.3 |  |


|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | Eucalyptus Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Thru | Right | App. Total | Left | Thru | App. Total | Left | Right | App. Total | Int. Total |
| Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
| Peak Hour for Entire Intersection Begins at 07:45 AM |  |  |  |  |  |  |  |  |  |  |
| 07:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 08:00 AM | 0 | 1 | 1 | 0 | 0 | 0 | 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 | 1 | 0 | 1 | 1 |
| Total Volume | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 2 |
| \% App. Total | 0 | 100 |  | 0 | 0 |  | 100 | 0 |  |  |
| PHF | . 000 | . 250 | . 250 | . 000 | . 000 | . 000 | . 250 | . 000 | . 250 | . 500 |

City of Moreno Valley
N/S: Theodore Street
E/W: Eucalyptus Avenue
Weather: Clear

File Name : 04_MRV_Theodore_Eucalyptus AM
Site Code : 09817323
Start Date : 5/31/2017
Page No : 1

|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | Eucalyptus Avenue 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07:45 AM | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Total | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 08:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 08:15 AM | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 2 |
| 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 | 1 | 1 | 0 | 0 | 0 | , | 0 | 1 | 2 |
| Grand Total | 1 | 2 | 3 | 0 | 0 | 0 | 1 | 0 | 1 | 4 |
| Apprch \% | 33.3 | 66.7 |  | 0 | 0 |  | 100 | 0 |  |  |
| Total \% | 25 | 50 | 75 | 0 | 0 | 0 | 25 | 0 | 25 |  |


|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | Eucalyptus Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Thru | Right | App. Total | Left | Thru | App. Total | Left | Right | App. Total | Int. Total |
| Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
| Peak Hour for Entire Intersection Begins at 07:45 AM |  |  |  |  |  |  |  |  |  |  |
| 07:45 AM | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 08:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 08:15 AM | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 2 |
| 08:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Volume | 1 | 2 | 3 | 0 | 0 | 0 | 1 | 0 | 1 | 4 |
| \% App. Total | 33.3 | 66.7 |  | 0 | 0 |  | 100 | 0 |  |  |
| PHF | . 250 | . 500 | . 375 | . 000 | . 000 | . 000 | . 250 | . 000 | . 250 | . 500 |

City of Moreno Valley
N/S: Theodore Street
E/W: Eucalyptus Avenue
Weather: Clear

File Name : 04_MRV_Theodore_Eucalyptus AM Site Code : 09817323
Start Date: 5/31/2017
Page No : 1

|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | Eucalyptus Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Thru | Right | App. Total | Left | Thru | App. Total | Left | Right | App. Total | Int. Total |
| 07:00 AM | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 07:15 AM | 7 | 3 | 10 | 0 | 1 | 1 | 1 | 0 | 1 | 12 |
| 07:30 AM | 5 | 0 | 5 | 0 | 6 | 6 | 0 | 0 | 0 | 11 |
| 07:45 AM | 8 | 1 | 9 | 0 | 6 | 6 | 1 | 0 | 1 | 16 |
| Total | 20 | 5 | 25 | 0 | 13 | 13 | 2 | 0 | 2 | 40 |
| 08:00 AM | 4 | 1 | 5 | 0 | 8 | 8 | 1 | 0 | 1 | 14 |
| 08:15 AM | 7 | 1 | 8 | 0 | 4 | 4 | 0 | 0 | 0 | 12 |
| 08:30 AM | 7 | 4 | 11 | 0 | 7 | 7 | 0 | 0 | 0 | 18 |
| 08:45 AM | 5 | 2 | 7 | 0 | 8 | 8 | 0 | 0 | 0 | 15 |
| Total | 23 | 8 | 31 | 0 | 27 | 27 |  | 0 | 1 | 59 |
| Grand Total | 43 | 13 | 56 | 0 | 40 | 40 | 3 | 0 | 3 | 99 |
| Apprch \% | 76.8 | 23.2 |  | 0 | 100 |  | 100 | 0 |  |  |
| Total \% | 43.4 | 13.1 | 56.6 | 0 | 40.4 | 40.4 | 3 | 0 | 3 |  |


|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | Eucalyptus Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Thru | Right | App. Total | Left | Thru | App. Total | Left | Right | App. Total | Int. Total |
| Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| 07:45 AM | 8 | 1 | 9 | 0 | 6 | 6 | 1 | 0 | 1 | 16 |
| 08:00 AM | 4 | 1 | 5 | 0 | 8 | 8 | 1 | 0 | 1 | 14 |
| 08:15 AM | 7 | 1 | 8 | 0 | 4 | 4 | 0 | 0 | 0 | 12 |
| 08:30 AM | 7 | 4 | 11 | 0 | 7 | 7 | 0 | 0 | 0 | 18 |
| Total Volume | 26 | 7 | 33 | 0 | 25 | 25 | 2 | 0 | 2 | 60 |
| \% App. Total | 78.8 | 21.2 |  | 0 | 100 |  | 100 | 0 |  |  |
| PHF | . 813 | . 438 | . 750 | . 000 | . 781 | . 781 | . 500 | . 000 | . 500 | . 833 |

City of Moreno Valley
N/S: Theodore Street
E/W: Eucalyptus Avenue
Weather: Clear

File Name : 04_MRV_Theodore_Eucalyptus AM
Site Code : 09817323
Start Date: 5/31/2017
Page No : 1

|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | Eucalyptus Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Thru | Right | App. Total | Left | Thru | App. Total | Left | Right | App. Total | Int. Total |
| 07:00 AM | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 07:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 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 | 0 | 0 | 0 | 0 |
| 08:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Grand Total | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Apprch \% | 0 | 100 |  | 0 | 0 |  | 0 | 0 |  |  |
| Total \% | 0 | 100 | 100 | 0 | 0 | 0 | 0 | 0 | 0 |  |


|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | Eucalyptus Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Thru | Right | App. Total | Left | Thru | App. Total | Left | Right | App. Total | Int. Total |
| Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
| Peak Hour for Entire In | ction | ins at 0 | 45 AM |  |  |  |  |  |  |  |
| 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 |
| 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 |
| Total Volume | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| \% App. Total | 0 | 0 |  | 0 | 0 |  | 0 | 0 |  |  |
| PHF | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 |

City of Moreno Valley
N/S: Theodore Street
E/W: Eucalyptus Avenue
Weather: Clear

File Name : 04_MRV_Theodore_Eucalyptus AM
Site Code : 09817323
Start Date: 5/31/2017
Page No : 1

|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | Eucalyptus Avenue 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 | 0 | 0 | 0 | 0 |
| 08:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Grand Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apprch \% Total \% | 0 | 0 |  | 0 | 0 |  | 0 | 0 |  |  |


|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | Eucalyptus Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Thru | Right | App. Total | Left | Thru | App. Total | Left | Right | App. Total | Int. Total |
| Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
| Peak Hour for Entire In | ction | ns at 0 | 45 AM |  |  |  |  |  |  |  |
| 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 |
| 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 |
| Total Volume | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| \% App. Total | 0 | 0 |  | 0 | 0 |  | 0 | 0 |  |  |
| PHF | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 |

City of Moreno Valley
N/S: Theodore Street
E/W: Eucalyptus Avenue
Weather: Clear

File Name : 04_MRV_Theodore_Eucalyptus AM
Site Code : 09817323
Start Date: 5/31/2017
Page No : 1

|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | Eucalyptus Avenue 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 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 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 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 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 | 0 | 0 | 0 | 0 |
| 08:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Grand Total | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Apprch \% | 0 | 100 |  | 0 | 0 |  | 0 | 0 |  |  |
| Total \% | 0 | 100 | 100 | 0 | 0 | 0 | 0 | 0 | 0 |  |


|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | Eucalyptus Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Thru | Right | App. Total | Left | Thru | App. Total | Left | Right | App. Total | Int. Total |
| Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
| Peak Hour for Entire In | ction | ins at 0 | 45 AM |  |  |  |  |  |  |  |
| 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 |
| 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 |
| Total Volume | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| \% App. Total | 0 | 0 |  | 0 | 0 |  | 0 | 0 |  |  |
| PHF | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 |

City of Moreno Valley
N/S: Theodore Street
E/W: Eucalyptus Avenue
Weather: Clear

File Name : 04_MRV_Theodore_Eucalyptus AM
Site Code : 09817323
Start Date: 5/31/2017
Page No : 1

|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | Eucalyptus Avenue 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 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 07:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| 07:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 2 |
| 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 | 0 | 0 | 0 | 0 |
| 08:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Grand Total | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 2 |
| Apprch \% | 0 | 100 |  | 0 | 0 |  | 0 | 100 |  |  |
| Total \% | 0 | 50 | 50 | 0 | 0 | 0 | 0 | 50 | 50 |  |


|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | Eucalyptus Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Thru | Right | App. Total | Left | Thru | App. Total | Left | Right | App. Total | Int. Total |
| Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
| Peak Hour for Entire In | ction | ins at 0 | 45 AM |  |  |  |  |  |  |  |
| 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 |
| 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 |
| Total Volume | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| \% App. Total | 0 | 0 |  | 0 | 0 |  | 0 | 0 |  |  |
| PHF | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 |

City of Moreno Valley
N/S: Theodore Street E/W: Eucalyptus Avenue
Weather: Clear

File Name : 04_MRV_Theodore_Eucalyptus AM Site Code : 09817323 Start Date : 5/31/2017
Page No : 1

|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | Eucalyptus Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Thru | Right | App. Total | Left | Thru | App. Total | Left | Right | App. Total | Int. Total |
| 07:00 AM | 2 | 1 | 3 | 0 | 1 | 1 | 1 | 0 | 1 | 5 |
| 07:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07:30 AM | 1 | 4 | 5 | 1 | 0 | 1 | 0 | 0 | 0 | 6 |
| 07:45 AM | 1 | 1 | 2 | 0 | 1 | 1 | 0 | 1 | 1 | 4 |
| Total | 4 | 6 | 10 | 1 | 2 | 3 | 1 | 1 | 2 | 15 |
| 08:00 AM | 0 | 2 | 2 | 2 | 1 | 3 | 0 | 0 | 0 | 5 |
| 08:15 AM | 2 | 3 | 5 | 1 | 1 | 2 | 0 | 0 | 0 | 7 |
| 08:30 AM | 2 | 0 | 2 | 0 | 0 | 0 | 2 | 2 | 4 | 6 |
| 08:45 AM | 0 | 0 | 0 | 0 | 2 | 2 | 1 | 0 | 1 | 3 |
| Total | 4 | 5 | 9 | 3 | 4 | 7 | 3 | 2 | 5 | 21 |
| Grand Total | 8 | 11 | 19 | 4 | 6 | 10 | 4 | 3 | 7 | 36 |
| Apprch \% | 42.1 | 57.9 |  | 40 | 60 |  | 57.1 | 42.9 |  |  |
| Total \% | 22.2 | 30.6 | 52.8 | 11.1 | 16.7 | 27.8 | 11.1 | 8.3 | 19.4 |  |


|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | Eucalyptus Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Thru | Right | App. Total | Left | Thru | App. Total | Left | Right | App. Total | Int. Total |
| Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
| Peak Hour for Entire Intersection Begins at 07:45 AM |  |  |  |  |  |  |  |  |  |  |
| 07:45 AM | 1 | 1 | 2 | 0 | 1 | 1 | 0 | 1 | 1 | 4 |
| 08:00 AM | 0 | 2 | 2 | 2 | 1 | 3 | 0 | 0 | 0 | 5 |
| 08:15 AM | 2 | 3 | 5 | 1 | 1 | 2 | 0 | 0 | 0 | 7 |
| 08:30 AM | 2 | 0 | 2 | 0 | 0 | 0 | 2 | 2 | 4 | 6 |
| Total Volume | 5 | 6 | 11 | 3 | 3 | 6 | 2 | 3 | 5 | 22 |
| \% App. Total | 45.5 | 54.5 |  | 50 | 50 |  | 40 | 60 |  |  |
| PHF | . 625 | . 500 | . 550 | . 375 | . 750 | . 500 | . 250 | . 375 | . 313 | . 786 |

City of Moreno Valley
N/S: Theodore Street
E/W: Eucalyptus Avenue
Weather: Clear

File Name : 04_MRV_Theodore_Eucalyptus PM Site Code : 09817323
Start Date: 5/31/2017
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Groups Printed- Cars \& Trailers - Large 2 Axle Vehicles - 3 Axle Vehicles - 4 Axle Trucks - 5 Axle Trucks - 6+ Axle Trucks - Buses \& RV's Motorcycles - Bicycles - Medium Truck

|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | Eucalyptus Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Thru | Right | App. Total | Left | Thru | App. Total | Left | Right | App. Total | Int. Total |
| 04:00 PM | 6 | 6 | 12 | 3 | 11 | 14 | 12 | 2 | 14 | 40 |
| 04:15 PM | 10 | 8 | 18 | 1 | 4 | 5 | 11 | 4 | 15 | 38 |
| 04:30 PM | 9 | 10 | 19 | 2 | 10 | 12 | 11 | 8 | 19 | 50 |
| 04:45 PM | 6 | 8 | 14 | 4 | 7 | 11 | 10 | 2 | 12 | 37 |
| Total | 31 | 32 | 63 | 10 | 32 | 42 | 44 | 16 | 60 | 165 |
| 05:00 PM | 6 | 10 | 16 | 2 | 3 | 5 | 9 | 4 | 13 | 34 |
| 05:15 PM | 4 | 10 | 14 | 0 | 3 | 3 | 5 | 2 | 7 | 24 |
| 05:30 PM | 8 | 11 | 19 | 1 | 12 | 13 | 15 | 8 | 23 | 55 |
| 05:45 PM | 9 | 3 | 12 | 4 | 5 | 9 | 10 | 3 | 13 | 34 |
| Total | 27 | 34 | 61 | 7 | 23 | 30 | 39 | 17 | 56 | 147 |
| Grand Total | 58 | 66 | 124 | 17 | 55 | 72 | 83 | 33 | 116 | 312 |
| Apprch \% | 46.8 | 53.2 |  | 23.6 | 76.4 |  | 71.6 | 28.4 |  |  |
| Total \% | 18.6 | 21.2 | 39.7 | 5.4 | 17.6 | 23.1 | 26.6 | 10.6 | 37.2 |  |
| Cars \& Trailers | 47 | 45 | 92 | 12 | 37 | 49 | 63 | 29 | 92 | 233 |
| \% Cars \& Trailers | 81 | 68.2 | 74.2 | 70.6 | 67.3 | 68.1 | 75.9 | 87.9 | 79.3 | 74.7 |
| Large 2 Axle Vehicles | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 3 |
| \% Large 2 Axle Vehicles | 0 | 1.5 | 0.8 | 5.9 | 0 | 1.4 | 1.2 | 0 | 0.9 | 1 |
| 3 Axle Vehicles | 0 | 1 | 1 | 0 | 0 | 0 | 4 | 0 | 4 | 5 |
| \% 3 Axle Vehicles | 0 | 1.5 | 0.8 | 0 | 0 | 0 | 4.8 | 0 | 3.4 | 1.6 |
| 4 Axle Trucks | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| \% 4 Axle Trucks | 0 | 3 | 1.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0.6 |
| 5 Axle Trucks | 3 | 13 | 16 | 1 | 5 | 6 | 2 | 0 | 2 | 24 |
| \% 5 Axle Trucks | 5.2 | 19.7 | 12.9 | 5.9 | 9.1 | 8.3 | 2.4 | 0 | 1.7 | 7.7 |
| 6+ Axle Trucks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| \% 6+ Axle Trucks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Buses \& RV's | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| \% Buses \& RV's | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Motorcycles | 0 | 0 | 0 | 0 | 4 | 4 | 0 | 0 | 0 | 4 |
| \% Motorcycles | 0 | 0 | 0 | 0 | 7.3 | 5.6 | 0 | 0 | 0 | 1.3 |
| Bicycles | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| \% Bicycles | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Medium Truck | 8 | 4 | 12 | 3 | 9 | 12 | 13 | 4 | 17 | 41 |
| \% Medium Truck | 13.8 | 6.1 | 9.7 | 17.6 | 16.4 | 16.7 | 15.7 | 12.1 | 14.7 | 13.1 |


|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | Eucalyptus Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Thru | Right | App. Total | Left | Thru | App. Total |  |  |  |  |

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

| 04:00 PM | 6 | 6 | 12 | 3 | 11 | 14 | 12 | 2 | 14 | 40 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 04:15 PM | 10 | 8 | 18 | 1 | 4 | 5 | 11 | 4 | 15 | 38 |
| 04:30 PM | 9 | 10 | 19 | 2 | 10 | 12 | 11 | 8 | 19 | 50 |
| 04:45 PM | 6 | 8 | 14 | 4 | 7 | 11 | 10 | 2 | 12 | 37 |
| Total Volume | 31 | 32 | 63 | 10 | 32 | 42 | 44 | 16 | 60 | 165 |
| \% App. Total | 49.2 | 50.8 |  | 23.8 | 76.2 |  | 73.3 | 26.7 |  |  |
| PHF | 775 | 800 | 829 | 625 | 727 | 750 | 917 | 500 | 789 | 825 |

City of Moreno Valley
N/S: Theodore Street
E/W: Eucalyptus Avenue
Weather: Clear

File Name : 04_MRV_Theodore_Eucalyptus PM Site Code : 09817323
Start Date : 5/31/2017
Page No : 1

|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | Eucalyptus Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Thru | Right | App. Total | Left | Thru | App. Total | Left | Right | App. Total | Int. Total |
| 04:00 PM | 5 | 5 | 10 | 2 | 7 | 9 | 6 | 2 | 8 | 27 |
| 04:15 PM | 8 | 6 | 14 | 1 | 2 | 3 | 7 | 4 | 11 | 28 |
| 04:30 PM | 6 | 6 | 12 | 0 | 5 | 5 | 9 | 6 | 15 | 32 |
| 04:45 PM | 4 | 6 | 10 | 3 | 7 | 10 | 8 | 1 | 9 | 29 |
| Total | 23 | 23 | 46 | 6 | 21 | 27 | 30 | 13 | 43 | 116 |
| 05:00 PM | 4 | 7 | 11 | 2 | 2 | 4 | 7 | 4 | 11 | 26 |
| 05:15 PM | 3 | 5 | 8 | 0 | 3 | 3 | 5 | 2 | 7 | 18 |
| 05:30 PM | 8 | 8 | 16 | 1 | 9 | 10 | 12 | 7 | 19 | 45 |
| 05:45 PM | 9 | 2 | 11 | 3 | 2 | 5 | 9 | 3 | 12 | 28 |
| Total | 24 | 22 | 46 | 6 | 16 | 22 | 33 | 16 | 49 | 117 |
| Grand Total | 47 | 45 | 92 | 12 | 37 | 49 | 63 | 29 | 92 | 233 |
| Apprch \% | 51.1 | 48.9 |  | 24.5 | 75.5 |  | 68.5 | 31.5 |  |  |
| Total \% | 20.2 | 19.3 | 39.5 | 5.2 | 15.9 | 21 | 27 | 12.4 | 39.5 |  |


|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | Eucalyptus Avenue 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 04:45 PM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
| Peak Hour for Entire Intersection Begins at 04:00 PM |  |  |  |  |  |  |  |  |  |  |
| 04:00 PM | 5 | 5 | 10 | 2 | 7 | 9 | 6 | 2 | 8 | 27 |
| 04:15 PM | 8 | 6 | 14 | 1 | 2 | 3 | 7 | 4 | 11 | 28 |
| 04:30 PM | 6 | 6 | 12 | 0 | 5 | 5 | 9 | 6 | 15 | 32 |
| 04:45 PM | 4 | 6 | 10 | 3 | 7 | 10 | 8 | 1 | 9 | 29 |
| Total Volume | 23 | 23 | 46 | 6 | 21 | 27 | 30 | 13 | 43 | 116 |
| \% App. Total | 50 | 50 |  | 22.2 | 77.8 |  | 69.8 | 30.2 |  |  |
| PHF | . 719 | . 958 | . 821 | . 500 | . 750 | .675 | . 833 | . 542 | .717 | 906 |

City of Moreno Valley
N/S: Theodore Street E/W: Eucalyptus Avenue
Weather: Clear

File Name : 04_MRV_Theodore_Eucalyptus PM Site Code : 09817323
Start Date: 5/31/2017
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|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | Eucalyptus Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Thru | Right | App. Total | Left | Thru | App. Total | Left | Right | App. Total | Int. Total |
| 04:00 PM | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 |
| 04:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 |
| 04:30 PM | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 3 |
| 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 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 3 |
| Apprch \% | 0 | 100 |  | 100 | 0 |  | 100 | 0 |  |  |
| Total \% | 0 | 33.3 | 33.3 | 33.3 | 0 | 33.3 | 33.3 | 0 | 33.3 |  |


|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | Eucalyptus Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Thru | Right | App. Total | Left | Thru | App. Total | Left | Right | App. Total | Int. Total |
|  |  |  |  |  |  |  |  |  |  |  |
| Peak Hour for Entire Intersection Begins at 04:00 PM |  |  |  |  |  |  |  |  |  |  |
| 04:00 PM | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 |
| 04:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 |
| 04:30 PM | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Volume | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 3 |
| \% App. Total | 0 | 100 |  | 100 | 0 |  | 100 | 0 |  |  |
| PHF | . 000 | . 250 | . 250 | . 250 | . 000 | . 250 | . 250 | . 000 | 250 | . 750 |

City of Moreno Valley
N/S: Theodore Street E/W: Eucalyptus Avenue
Weather: Clear

File Name : 04_MRV_Theodore_Eucalyptus PM Site Code : 09817323
Start Date : 5/31/2017
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|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | Eucalyptus Avenue 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 | 2 | 0 | 2 | 2 |
| 04:15 PM | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 2 |
| 04:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 1 | 1 | 0 | 0 | 0 | 3 | 0 | 3 | 4 |
| 05:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 |
| 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 | 1 | 0 | 1 | 1 |
| Grand Total | 0 | 1 | 1 | 0 | 0 | 0 | 4 | 0 | 4 | 5 |
| Apprch \% | 0 | 100 |  | 0 | 0 |  | 100 | 0 |  |  |
| Total \% | 0 | 20 | 20 | 0 | 0 | 0 | 80 | 0 | 80 |  |


|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | Eucalyptus Avenue 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 04:45 PM - Peak 1 of 1 Peak Hour for Entire Intersection Begins at 04:00 PM |  |  |  |  |  |  |  |  |  |  |
| 04:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 2 |
| 04:15 PM | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 2 |
| 04:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Volume | 0 | 1 | 1 | 0 | 0 | 0 | 3 | 0 | 3 | 4 |
| \% App. Total | 0 | 100 |  | 0 | 0 |  | 100 | 0 |  |  |
| PHF | . 000 | . 250 | . 250 | . 000 | . 000 | . 000 | . 375 | . 000 | . 375 | . 500 |

City of Moreno Valley
N/S: Theodore Street
E/W: Eucalyptus Avenue
Weather: Clear

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|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | Eucalyptus Avenue 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:45 PM | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Total | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 05:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 05:15 PM | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 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 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Grand Total | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Apprch \% | 0 | 100 |  | 0 | 0 |  | 0 | 0 |  |  |
| Total \% | 0 | 100 | 100 | 0 | 0 | 0 | 0 | 0 | 0 |  |


|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | Eucalyptus Avenue 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 04:45 PM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
| Peak Hour for Entire Intersection Begins at 04:00 PM |  |  |  |  |  |  |  |  |  |  |
| 04:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:45 PM | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Total Volume | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| \% App. Total | 0 | 100 |  | 0 | 0 |  | 0 | 0 |  |  |
| PHF | . 000 | . 250 | . 250 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 250 |

City of Moreno Valley
N/S: Theodore Street
E/W: Eucalyptus Avenue
Weather: Clear

File Name : 04_MRV_Theodore_Eucalyptus PM Site Code : 09817323
Start Date: 5/31/2017
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|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | Eucalyptus Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Thru | Right | App. Total | Left | Thru | App. Total | Left | Right | App. Total | Int. Total |
| 04:00 PM | 0 | 1 | 1 | 0 | 3 | 3 | 0 | 0 | 0 | 4 |
| 04:15 PM | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 2 |
| 04:30 PM | 1 | 2 | 3 | 1 | 0 | 1 | 0 | 0 | 0 | 4 |
| 04:45 PM | 1 | 1 | 2 | 0 | 0 | 0 | 1 | 0 | 1 | 3 |
| Total | 3 | 4 | 7 | 1 | 3 | 4 | 2 | 0 | 2 | 13 |
| 05:00 PM | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 05:15 PM | 0 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 05:30 PM | 0 | 2 | 2 | 0 | 2 | 2 | 0 | 0 | 0 | 4 |
| 05:45 PM | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Total | 0 | 9 | 9 | 0 | 2 | 2 | 0 | 0 | 0 | 11 |
| Grand Total | 3 | 13 | 16 | 1 | 5 | 6 | 2 | 0 | 2 | 24 |
| Apprch \% | 18.8 | 81.2 |  | 16.7 | 83.3 |  | 100 | 0 |  |  |
| Total \% | 12.5 | 54.2 | 66.7 | 4.2 | 20.8 | 25 | 8.3 | 0 | 8.3 |  |


|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | Eucalyptus Avenue 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 04:45 PM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| 04:00 PM | 0 | 1 | 1 | 0 | 3 | 3 | 0 | 0 | 0 | 4 |
| 04:15 PM | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 2 |
| 04:30 PM | 1 | 2 | 3 | 1 | 0 | 1 | 0 | 0 | 0 | 4 |
| 04:45 PM | 1 | 1 | 2 | 0 | 0 | 0 | 1 | 0 | 1 | 3 |
| Total Volume | 3 | 4 | 7 | 1 | 3 | 4 | 2 | 0 | 2 | 13 |
| \% App. Total | 42.9 | 57.1 |  | 25 | 75 |  | 100 | 0 |  |  |
| PHF | . 750 | . 500 | . 583 | . 250 | 250 | . 333 | . 500 | . 000 | . 500 | . 813 |

City of Moreno Valley
N/S: Theodore Street
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Weather: Clear

File Name : 04_MRV_Theodore_Eucalyptus PM
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|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | Eucalyptus Avenue 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apprch \% Total \% | 0 | 0 |  | 0 | 0 |  | 0 | 0 |  |  |


|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | Eucalyptus Avenue 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 04:45 PM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
| Peak Hour for Entire In | ction | ns at 0 | 0 PM |  |  |  |  |  |  |  |
| 04:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Volume | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| \% App. Total | 0 | 0 |  | 0 | 0 |  | 0 | 0 |  |  |
| PHF | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | 000 | . 000 | . 000 |

City of Moreno Valley
N/S: Theodore Street
E/W: Eucalyptus Avenue
Weather: Clear

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|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | Eucalyptus Avenue 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apprch \% Total \% | 0 | 0 |  | 0 | 0 |  | 0 | 0 |  |  |


|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | Eucalyptus Avenue 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 04:45 PM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
| Peak Hour for Entire In | ction | ns at 0 | 0 PM |  |  |  |  |  |  |  |
| 04:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Volume | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| \% App. Total | 0 | 0 |  | 0 | 0 |  | 0 | 0 |  |  |
| PHF | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | 000 | . 000 | . 000 |

City of Moreno Valley
N/S: Theodore Street
E/W: Eucalyptus Avenue
Weather: Clear

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|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | Eucalyptus Avenue 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:30 PM | 0 | 0 | 0 | 0 | 4 | 4 | 0 | 0 | 0 | 4 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 0 | 0 | 0 | 4 | 4 | 0 | 0 | 0 | 4 |
| 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 | 0 | 0 | 0 | 0 | 4 | 4 | 0 | 0 | 0 | 4 |
| Apprch \% | 0 | 0 |  | 0 | 100 |  | 0 | 0 |  |  |
| Total \% | 0 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |  |


|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | Eucalyptus Avenue 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 04:45 PM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
| Peak Hour for Entire Intersection Begins at 04:00 PM |  |  |  |  |  |  |  |  |  |  |
| 04:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:30 PM | 0 | 0 | 0 | 0 | 4 | 4 | 0 | 0 | 0 | 4 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Volume | 0 | 0 | 0 | 0 | 4 | 4 | 0 | 0 | 0 | 4 |
| \% App. Total | 0 | 0 |  | 0 | 100 |  | 0 | 0 |  |  |
| PHF | . 000 | . 000 | . 000 | . 000 | 250 | . 250 | . 000 | . 000 | . 000 | 250 |

City of Moreno Valley
N/S: Theodore Street
E/W: Eucalyptus Avenue
Weather: Clear

File Name : 04_MRV_Theodore_Eucalyptus PM
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|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | Eucalyptus Avenue 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apprch \% Total \% | 0 | 0 |  | 0 | 0 |  | 0 | 0 |  |  |


|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | Eucalyptus Avenue 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 04:45 PM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
| Peak Hour for Entire In | ction | ns at 0 | 0 PM |  |  |  |  |  |  |  |
| 04:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Volume | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| \% App. Total | 0 | 0 |  | 0 | 0 |  | 0 | 0 |  |  |
| PHF | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | 000 | . 000 | . 000 |

City of Moreno Valley
N/S: Theodore Street E/W: Eucalyptus Avenue
Weather: Clear

File Name : 04_MRV_Theodore_Eucalyptus PM
Site Code : 09817323
Start Date: 5/31/2017
Page No : 1

|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | Eucalyptus Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Thru | Right | App. Total | Left | Thru | App. Total | Left | Right | App. Total | Int. Total |
| 04:00 PM | 1 | 0 | 1 | 0 | 1 | 1 | 4 | 0 | 4 | 6 |
| 04:15 PM | 1 | 1 | 2 | 0 | 2 | 2 | 1 | 0 | 1 | 5 |
| 04:30 PM | 2 | 1 | 3 | 1 | 1 | 2 | 2 | 2 | 4 | 9 |
| 04:45 PM | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 2 | 4 |
| Total | 5 | 2 | 7 | 2 | 4 | 6 | 8 | 3 | 11 | 24 |
| 05:00 PM | 2 | 1 | 3 | 0 | 1 | 1 | 1 | 0 | 1 | 5 |
| 05:15 PM | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 05:30 PM | 0 | 1 | 1 | 0 | 1 | 1 | 3 | 1 | 4 | 6 |
| 05:45 PM | 0 | 0 | 0 | 1 | 3 | 4 | 1 | 0 | 1 | 5 |
| Total | 3 | 2 | 5 | 1 | 5 | 6 | 5 | 1 | 6 | 17 |
| Grand Total | 8 | 4 | 12 | 3 | 9 | 12 | 13 | 4 | 17 | 41 |
| Apprch \% | 66.7 | 33.3 |  | 25 | 75 |  | 76.5 | 23.5 |  |  |
| Total \% | 19.5 | 9.8 | 29.3 | 7.3 | 22 | 29.3 | 31.7 | 9.8 | 41.5 |  |


|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | Eucalyptus Avenue 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 04:45 PM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| 04:00 PM | 1 | 0 | 1 | 0 | 1 | 1 | 4 | 0 | 4 | 6 |
| 04:15 PM | 1 | 1 | 2 | 0 | 2 | 2 | 1 | 0 | 1 | 5 |
| 04:30 PM | 2 | 1 | 3 | 1 | 1 | 2 | 2 | 2 | 4 | 9 |
| 04:45 PM | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 2 | 4 |
| Total Volume | 5 | 2 | 7 | 2 | 4 | 6 | 8 | 3 | 11 | 24 |
| \% App. Total | 71.4 | 28.6 |  | 33.3 | 66.7 |  | 72.7 | 27.3 |  |  |
| PHF | . 625 | . 500 | . 583 | . 500 | . 500 | . 750 | . 500 | . 375 | . 688 | 667 |

City of Moreno Valley
N/S: Theodore Street
E/W: SR-60 Eastbound Ramps
Weather: Clear

File Name : 03_MRV_Theodore_60E AM
Site Code : 09817323
Start Date: 5/31/2017
Page No : 1

Groups Printed- Cars \& Trailers - Large 2 Axle Vehicles - 3 Axle Vehicles - 4 Axle Trucks - 5 Axle Trucks - 6+ Axle Trucks - Buses \& RV's Motorcycles - Bicycles - Medium Truck

|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | SR-60 Eastbound Ramps Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Thru | Right | App. Total | Left | Thru | App. Total | Left | Right | App. Total | Int. Total |
| 07:00 AM | 6 | 0 | 6 | 5 | 3 | 8 | 10 | 7 | 17 | 31 |
| 07:15 AM | 10 | 0 | 10 | 11 | 4 | 15 | 9 | 11 | 20 | 45 |
| 07:30 AM | 21 | 1 | 22 | 10 | 0 | 10 | 6 | 13 | 19 | 51 |
| 07:45 AM | 13 | 2 | 15 | 12 | 3 | 15 | 5 | 15 | 20 | 50 |
| Total | 50 | 3 | 53 | 38 | 10 | 48 | 30 | 46 | 76 | 177 |
| 08:00 AM | 14 | 1 | 15 | 10 | 5 | 15 | 5 | 22 | 27 | 57 |
| 08:15 AM | 15 | 1 | 16 | 6 | 5 | 11 | 5 | 29 | 34 | 61 |
| 08:30 AM | 14 | 1 | 15 | 8 | 10 | 18 | 6 | 26 | 32 | 65 |
| 08:45 AM | 9 | 3 | 12 | 12 | 5 | 17 | 9 | 16 | 25 | 54 |
| Total | 52 | 6 | 58 | 36 | 25 | 61 | 25 | 93 | 118 | 237 |
| Grand Total | 102 | 9 | 111 | 74 | 35 | 109 | 55 | 139 | 194 | 414 |
| Apprch \% | 91.9 | 8.1 |  | 67.9 | 32.1 |  | 28.4 | 71.6 |  |  |
| Total \% | 24.6 | 2.2 | 26.8 | 17.9 | 8.5 | 26.3 | 13.3 | 33.6 | 46.9 |  |
| Cars \& Trailers | 56 | 7 | 63 | 38 | 29 | 67 | 23 | 122 | 145 | 275 |
| \% Cars \& Trailers | 54.9 | 77.8 | 56.8 | 51.4 | 82.9 | 61.5 | 41.8 | 87.8 | 74.7 | 66.4 |
| Large 2 Axle Vehicles | 1 | 1 | 2 | 0 | 1 | 1 | 4 | 1 | 5 | 8 |
| \% Large 2 Axle Vehicles | 1 | 11.1 | 1.8 | 0 | 2.9 | 0.9 | 7.3 | 0.7 | 2.6 | 1.9 |
| 3 Axle Vehicles | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 1 | 4 | 4 |
| \% 3 Axle Vehicles | 0 | 0 | 0 | 0 | 0 | 0 | 5.5 | 0.7 | 2.1 | 1 |
| 4 Axle Trucks | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 3 | 8 | 8 |
| \% 4 Axle Trucks | 0 | 0 | 0 | 0 | 0 | 0 | 9.1 | 2.2 | 4.1 | 1.9 |
| 5 Axle Trucks | 39 | 1 | 40 | 32 | 5 | 37 | 19 | 10 | 29 | 106 |
| \% 5 Axle Trucks | 38.2 | 11.1 | 36 | 43.2 | 14.3 | 33.9 | 34.5 | 7.2 | 14.9 | 25.6 |
| 6+ Axle Trucks | 5 | 0 | 5 | 4 | 0 | 4 | 0 | 1 | 1 | 10 |
| \% 6+ Axle Trucks | 4.9 | 0 | 4.5 | 5.4 | 0 | 3.7 | 0 | 0.7 | 0.5 | 2.4 |
| Buses \& RV's | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 |
| \% Buses \& RV's | 0 | 0 | 0 | 0 | 0 | 0 | 1.8 | 0 | 0.5 | 0.2 |
| Motorcycles | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| \% Motorcycles | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.7 | 0.5 | 0.2 |
| Bicycles | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| \% Bicycles | 1 | 0 | 0.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0.2 |
| Medium Truck | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| \% Medium Truck | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |


|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | SR-60 Eastbound RampsEastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 In | ction B | s at 08 | AM |  |  |  |  |  |  |  |
| 08:00 AM | 14 | 1 | 15 | 10 | 5 | 15 | 5 | 22 | 27 | 57 |
| 08:15 AM | 15 | 1 | 16 | 6 | 5 | 11 | 5 | 29 | 34 | 61 |
| 08:30 AM | 14 | 1 | 15 | 8 | 10 | 18 | 6 | 26 | 32 | 65 |
| 08:45 AM | 9 | 3 | 12 | 12 | 5 | 17 | 9 | 16 | 25 | 54 |
| Total Volume | 52 | 6 | 58 | 36 | 25 | 61 | 25 | 93 | 118 | 237 |
| \% App. Total | 89.7 | 10.3 |  | 59 | 41 |  | 21.2 | 78.8 |  |  |
| PHF | . 867 | . 500 | . 906 | . 750 | . 625 | 847 | . 694 | . 802 | . 868 | 912 |

City of Moreno Valley
N/S: Theodore Street
E/W: SR-60 Eastbound Ramps
Weather: Clear

File Name : 03_MRV_Theodore_60E AM
Site Code : 0981732 $\overline{3}$
Start Date: 5/31/2017
Page No : 1

|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | SR-60 Eastbound Ramps Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Thru | Right | App. Total | Left | Thru | App. Total | Left | Right | App. Total | Int. Total |
| 07:00 AM | 6 | 0 | 6 | 5 | 3 | 8 | 4 | 5 | 9 | 23 |
| 07:15 AM | 5 | 0 | 5 | 10 | 3 | 13 | 5 | 7 | 12 | 30 |
| 07:30 AM | 13 | 0 | 13 | 5 | 0 | 5 | 2 | 12 | 14 | 32 |
| 07:45 AM | 6 | 2 | 8 | 5 | 2 | 7 | 3 | 13 | 16 | 31 |
| Total | 30 | 2 | 32 | 25 | 8 | 33 | 14 | 37 | 51 | 116 |
| 08:00 AM | 10 | 1 | 11 | 2 | 3 | 5 | 1 | 20 | 21 | 37 |
| 08:15 AM | 8 | 1 | 9 | 2 | 5 | 7 | 2 | 28 | 30 | 46 |
| 08:30 AM | 6 | 1 | 7 | 3 | 8 | 11 | 4 | 23 | 27 | 45 |
| 08:45 AM | 2 | 2 | 4 | 6 | 5 | 11 | 2 | 14 | 16 | 31 |
| Total | 26 | 5 | 31 | 13 | 21 | 34 | 9 | 85 | 94 | 159 |
| Grand Total | 56 | 7 | 63 | 38 | 29 | 67 | 23 | 122 | 145 | 275 |
| Apprch \% | 88.9 | 11.1 |  | 56.7 | 43.3 |  | 15.9 | 84.1 |  |  |
| Total \% | 20.4 | 2.5 | 22.9 | 13.8 | 10.5 | 24.4 | 8.4 | 44.4 | 52.7 |  |


|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | SR-60 Eastbound Ramps Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Thru | Right | App. Total | Left | Thru | App. Total | Left | Right | App. Total | Int. Total |
| Peak Hour Analysis From 08:00 AM to 08:45 AM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
| Peak Hour for Entire Intersection Begins at 08:00 AM |  |  |  |  |  |  |  |  |  |  |
| 08:00 AM | 10 | 1 | 11 | 2 | 3 | 5 | 1 | 20 | 21 | 37 |
| 08:15 AM | 8 | 1 | 9 | 2 | 5 | 7 | 2 | 28 | 30 | 46 |
| 08:30 AM | 6 | 1 | 7 | 3 | 8 | 11 | , | 23 | 27 | 45 |
| 08:45 AM | 2 | 2 | 4 | 6 | 5 | 11 | 2 | 14 | 16 | 31 |
| Total Volume | 26 | 5 | 31 | 13 | 21 | 34 | 9 | 85 | 94 | 159 |
| \% App. Total | 83.9 | 16.1 |  | 38.2 | 61.8 |  | 9.6 | 90.4 |  |  |
| PHF | . 650 | . 625 | . 705 | . 542 | . 656 | . 773 | . 563 | . 759 | . 783 | . 864 |

City of Moreno Valley
N/S: Theodore Street
E/W: SR-60 Eastbound Ramps
Weather: Clear

File Name : 03_MRV_Theodore_60E AM
Site Code : 0981732 $\overline{3}$
Start Date: 5/31/2017
Page No : 1

Groups Printed- Large 2 Axle Vehicles

|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | SR-60 Eastbound Ramps 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 3 | 3 |
| 07:45 AM | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 |
| Total | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 1 | 3 | 4 |
| 08:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 08:15 AM | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 2 |
| 08:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 08:45 AM | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 2 |
| Total | 1 | 1 | 2 | 0 | 0 | 0 | 2 | 0 | 2 | 4 |
| Grand Total | 1 | , | 2 | 0 | 1 | 1 | 4 | 1 | 5 | 8 |
| Apprch \% | 50 | 50 |  | 0 | 100 |  | 80 | 20 |  |  |
| Total \% | 12.5 | 12.5 | 25 | 0 | 12.5 | 12.5 | 50 | 12.5 | 62.5 |  |


|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | SR-60 Eastbound Ramps Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Thru | Right | App. Total | Left | Thru | App. Total | Left | Right | App. Total | Int. Total |
| Peak Hour Analysis From 08:00 AM to 08:45 AM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
| Peak Hour for Entire Intersection Begins at 08:00 AM |  |  |  |  |  |  |  |  |  |  |
| 08:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 08:15 AM | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 2 |
| 08:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 08:45 AM | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 2 |
| Total Volume | 1 | 1 | 2 | 0 | 0 | 0 | 2 | 0 | 2 | 4 |
| \% App. Total | 50 | 50 |  | 0 | 0 |  | 100 | 0 |  |  |
| PHF | . 250 | . 250 | . 500 | . 000 | . 000 | . 000 | . 500 | . 000 | . 500 | . 500 |

City of Moreno Valley
N/S: Theodore Street
E/W: SR-60 Eastbound Ramps
Weather: Clear

File Name : 03_MRV_Theodore_60E AM
Site Code : 0981732 $\overline{3}$
Start Date: 5/31/2017
Page No : 1

|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | SR-60 Eastbound RampsEastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 |
| 08:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 2 |
| 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 | 1 | 0 | 1 | 1 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 3 | 3 |
| Grand Total | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 1 | 4 | 4 |
| Apprch \% | 0 | 0 |  | 0 | 0 |  | 75 | 25 |  |  |
| Total \% | 0 | 0 | 0 | 0 | 0 | 0 | 75 | 25 | 100 |  |


|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | SR-60 Eastbound RampsEastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Thru | Right | App. Total | Left | Thru | App. Total | Left | Right | App. Total | Int. Total |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| 08:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 2 |
| 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 | 1 | 0 | 1 | 1 |
| Total Volume | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 3 | 3 |
| \% App. Total | 0 | 0 |  | 0 | 0 |  | 66.7 | 33.3 |  |  |
| PHF | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 500 | . 250 | . 375 | . 375 |

City of Moreno Valley
N/S: Theodore Street
E/W: SR-60 Eastbound Ramps
Weather: Clear

File Name : 03_MRV_Theodore_60E AM
Site Code : 0981732 $\overline{3}$
Start Date: 5/31/2017
Page No : 1

|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | SR-60 Eastbound Ramps 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 | 1 | 0 | 1 | 1 |
| 07:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 2 |
| 08:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 08:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| 08:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 |
| 08:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 1 | 4 | 4 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 2 | 6 | 6 |
| Grand Total | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 3 | 8 | 8 |
| Apprch \% | 0 | 0 |  | 0 | 0 |  | 62.5 | 37.5 |  |  |
| Total \% | 0 | 0 | 0 | 0 | 0 | 0 | 62.5 | 37.5 | 100 |  |


|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | SR-60 Eastbound Ramps Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Thru | Right | App. Total | Left | Thru | App. Total | Left | Right | App. Total | Int. Total |
| Peak Hour Analysis From 08:00 AM to 08:45 AM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
| Peak Hour for Entire Intersection Begins at 08:00 AM |  |  |  |  |  |  |  |  |  |  |
| 08:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 08:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| 08:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 |
| 08:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 1 | 4 | 4 |
| Total Volume | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 2 | 6 | 6 |
| \% App. Total | 0 | 0 |  | 0 | 0 |  | 66.7 | 33.3 |  |  |
| PHF | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 333 | . 500 | . 375 | . 375 |

City of Moreno Valley
N/S: Theodore Street
E/W: SR-60 Eastbound Ramps
Weather: Clear

File Name : 03_MRV_Theodore_60E AM
Site Code : 0981732 $\overline{3}$
Start Date : 5/31/2017
Page No : 1

|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | SR-60 Eastbound RampsEastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 5 | 1 | 6 | 6 |
| 07:15 AM | 4 | 0 | 4 | 1 | 1 | 2 | 4 | 3 | 7 | 13 |
| 07:30 AM | 7 | 1 | 8 | 4 | 0 | 4 | 2 | 0 | 2 | 14 |
| 07:45 AM | 6 | 0 | 6 | 7 | 0 | 7 | 1 | 1 | 2 | 15 |
| Total | 17 | 1 | 18 | 12 | 1 | 13 | 12 | 5 | 17 | 48 |
| 08:00 AM | 2 | 0 | 2 | 7 | 2 | 9 | 2 | , | 3 | 14 |
| 08:15 AM | 6 | 0 | 6 | 3 | 0 | 3 | 2 | 0 | 2 | 11 |
| 08:30 AM | 8 | 0 | 8 | 5 | 2 | 7 | 1 | 3 | 4 | 19 |
| 08:45 AM | 6 | 0 | 6 | 5 | 0 | 5 | 2 | 1 | 3 | 14 |
| Total | 22 | 0 | 22 | 20 | 4 | 24 | 7 | 5 | 12 | 58 |
| Grand Total | 39 | 1 | 40 | 32 | 5 | 37 | 19 | 10 | 29 | 106 |
| Apprch \% | 97.5 | 2.5 |  | 86.5 | 13.5 |  | 65.5 | 34.5 |  |  |
| Total \% | 36.8 | 0.9 | 37.7 | 30.2 | 4.7 | 34.9 | 17.9 | 9.4 | 27.4 |  |


|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | SR-60 Eastbound RampsEastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Thru | Right | App. Total | Left | Thru | App. Total | Left | Right | App. Total | Int. Total |
|  |  |  |  |  |  |  |  |  |  |  |
| Peak Hour Analysis From 08:00 AM to 08:45 AM - Peak 1 of 1 Peak Hour for Entire Intersection Begins at 08:00 AM |  |  |  |  |  |  |  |  |  |  |
| 08:00 AM | 2 | 0 | 2 | 7 | 2 | 9 | 2 | 1 | 3 | 14 |
| 08:15 AM | 6 | 0 | 6 | 3 | 0 | 3 | 2 | 0 | 2 | 11 |
| 08:30 AM | 8 | 0 | 8 | 5 | 2 | 7 | 1 | 3 | 4 | 19 |
| 08:45 AM | 6 | 0 | 6 | 5 | 0 | 5 | 2 | 1 | 3 | 14 |
| Total Volume | 22 | 0 | 22 | 20 | 4 | 24 | 7 | 5 | 12 | 58 |
| \% App. Total | 100 | 0 |  | 83.3 | 16.7 |  | 58.3 | 41.7 |  |  |
| PHF | . 688 | . 000 | . 688 | . 714 | . 500 | . 667 | . 875 | . 417 | . 750 | . 763 |

City of Moreno Valley
N/S: Theodore Street
E/W: SR-60 Eastbound Ramps
Weather: Clear

File Name : 03_MRV_Theodore_60E AM
Site Code : 0981732 $\overline{3}$
Start Date: 5/31/2017
Page No : 1

|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | SR-60 Eastbound Ramps 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 | 1 | 1 | 1 |
| 07:15 AM | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 07:30 AM | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 |
| 07:45 AM | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Total | 2 | 0 | 2 | 1 | 0 | 1 | 0 | 1 | 1 | 4 |
| 08:00 AM | 2 | 0 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 3 |
| 08:15 AM | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 |
| 08:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 08:45 AM | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 2 |
| Total | 3 | 0 | 3 | 3 | 0 | 3 | 0 | 0 | 0 | 6 |
| Grand Total | 5 | 0 | 5 | 4 | 0 | 4 | 0 | 1 | 1 | 10 |
| Apprch \% | 100 | 0 |  | 100 | 0 |  | 0 | 100 |  |  |
| Total \% | 50 | 0 | 50 | 40 | 0 | 40 | 0 | 10 | 10 |  |


|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | SR-60 Eastbound RampsEastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Thru | Right | App. Total | Left | Thru | App. Total | Left | Right | App. Total | Int. Total |
|  |  |  |  |  |  |  |  |  |  |  |
| Peak Hour Analysis From 08:00 AM to 08:45 AM - Peak 1 of 1 Peak Hour for Entire Intersection Begins at 08:00 AM |  |  |  |  |  |  |  |  |  |  |
| 08:00 AM | 2 | 0 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 3 |
| 08:15 AM | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 |
| 08:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 08:45 AM | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 2 |
| Total Volume | 3 | 0 | 3 | 3 | 0 | 3 | 0 | 0 | 0 | 6 |
| \% App. Total | 100 | 0 |  | 100 | 0 |  | 0 | 0 |  |  |
| PHF | . 375 | . 000 | . 375 | . 750 | . 000 | . 750 | . 000 | . 000 | . 000 | . 500 |

City of Moreno Valley
N/S: Theodore Street
E/W: SR-60 Eastbound Ramps
Weather: Clear

File Name : 03_MRV_Theodore_60E AM
Site Code : 09817323
Start Date: 5/31/2017
Page No : 1

|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | SR-60 Eastbound Ramps 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 08:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 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 | 0 | 0 | 1 | 0 | 1 | 1 |
| Grand Total | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 |
| Apprch \% | 0 | 0 |  | 0 | 0 |  | 100 | 0 |  |  |
| Total \% | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 0 | 100 |  |


|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | SR-60 Eastbound RampsEastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Thru | Right | App. Total | Left | Thru | App. Total | Left | Right | App. Total | Int. Total |
| Peak Hour Analysis From 08:00 AM to 08:45 AM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
| Peak Hour for Entire Intersection Begins at 08:00 AM |  |  |  |  |  |  |  |  |  |  |
| 08:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 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 Volume | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 |
| \% App. Total | 0 | 0 |  | 0 | 0 |  | 100 | 0 |  |  |
| PHF | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 250 | . 000 | 250 | . 250 |

City of Moreno Valley
N/S: Theodore Street
E/W: SR-60 Eastbound Ramps
Weather: Clear

File Name : 03_MRV_Theodore_60E AM
Site Code : 0981732 $\overline{3}$
Start Date: 5/31/2017
Page No : 1

|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | SR-60 Eastbound RampsEastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| 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 | 0 | 0 | 0 | 0 |
| 08:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Grand Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| Apprch \% | 0 | 0 |  | 0 | 0 |  | 0 | 100 |  |  |
| Total \% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 |  |


|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | SR-60 Eastbound RampsEastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Thru | Right | App. Total | Left | Thru | App. Total | Left | Right | App. Total | Int. Total |
| Peak Hour Analysis From 08:00 AM to 08:45 AM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
| Peak Hour for Entire In | ction | ns at 0 | AM |  |  |  |  |  |  |  |
| 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 | 0 | 0 | 0 | 0 |
| 08:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Volume | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| \% App. Total | 0 | 0 |  | 0 | 0 |  | 0 | 0 |  |  |
| PHF | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 |

City of Moreno Valley
N/S: Theodore Street
E/W: SR-60 Eastbound Ramps
Weather: Clear

File Name : 03_MRV_Theodore_60E AM
Site Code : 0981732 $\overline{3}$
Start Date: 5/31/2017
Page No : 1

|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | SR-60 Eastbound Ramps 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07:30 AM | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 07:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 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 | 0 | 0 | 0 | 0 |
| 08:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Grand Total | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Apprch \% | 100 | 0 |  | 0 | 0 |  | 0 | 0 |  |  |
| Total \% | 100 | 0 | 100 | 0 | 0 | 0 | 0 | 0 | 0 |  |


|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | SR-60 Eastbound RampsEastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Thru | Right | App. Total | Left | Thru | App. Total | Left | Right | App. Total | Int. Total |
| Peak Hour Analysis From 08:00 AM to 08:45 AM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
| Peak Hour for Entire In | ction | ns at 0 | AM |  |  |  |  |  |  |  |
| 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 | 0 | 0 | 0 | 0 |
| 08:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Volume | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| \% App. Total | 0 | 0 |  | 0 | 0 |  | 0 | 0 |  |  |
| PHF | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 |

City of Moreno Valley
N/S: Theodore Street
E/W: SR-60 Eastbound Ramps
Weather: Clear

File Name : 03_MRV_Theodore_60E AM
Site Code : 0981732 $\overline{3}$
Start Date: 5/31/2017
Page No : 1

|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | SR-60 Eastbound Ramps <br> 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 | 0 | 0 | 0 | 0 |
| 08:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Grand Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apprch \% | 0 | 0 |  | 0 | 0 |  | 0 | 0 |  |  |


|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | SR-60 Eastbound RampsEastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Thru | Right | App. Total | Left | Thru | App. Total | Left | Right | App. Total | Int. Total |
|  |  |  |  |  |  |  |  |  |  |  |
| Peak Hour Analysis From 08:00 AM to 08:45 AM - Peak 1 of 1 Peak Hour for Entire Intersection Begins at 08:00 AM |  |  |  |  |  |  |  |  |  |  |
| 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 | 0 | 0 | 0 | 0 |
| 08:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Volume | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| \% App. Total | 0 | 0 |  | 0 | 0 |  | 0 | 0 |  |  |
| PHF | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 |

City of Moreno Valley
N/S: Theodore Street
E/W: SR-60 Eastbound Ramps
Weather: Clear

File Name : 03_MRV_Theodore_60E PM
Site Code : 0981732 $\overline{3}$
Start Date: 5/31/2017
Page No : 1

Groups Printed- Cars \& Trailers - Large 2 Axle Vehicles - 3 Axle Vehicles - 4 Axle Trucks - 5 Axle Trucks - $6+$ Axle Trucks - Buses \& RV's Motorcycles - Bicycles - Medium Truck

|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | SR-60 Eastbound Ramps Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Thru | Right | App. Total | Left | Thru | App. Total | Left | Right | App. Total | Int. Total |
| 04:00 PM | 7 | 3 | 10 | 7 | 15 | 22 | 1 | 5 | 6 | 38 |
| 04:15 PM | 13 | 4 | 17 | 4 | 15 | 19 | 2 | 5 | 7 | 43 |
| 04:30 PM | 9 | 4 | 13 | 10 | 5 | 15 | 5 | 10 | 15 | 43 |
| 04:45 PM | 9 | 3 | 12 | 11 | 11 | 22 | 5 | 6 | 11 | 45 |
| Total | 38 | 14 | 52 | 32 | 46 | 78 | 13 | 26 | 39 | 169 |
| 05:00 PM | 9 | 3 | 12 | 5 | 5 | 10 | 3 | 7 | 10 | 32 |
| 05:15 PM | 7 | 5 | 12 | 3 | 9 | 12 | 1 | 8 | 9 | 33 |
| 05:30 PM | 6 | 3 | 9 | 8 | 16 | 24 | 1 | 11 | 12 | 45 |
| 05:45 PM | 9 | 0 | 9 | 7 | 8 | 15 | 2 | 6 | 8 | 32 |
| Total | 31 | 11 | 42 | 23 | 38 | 61 | 7 | 32 | 39 | 142 |
| Grand Total | 69 | 25 | 94 | 55 | 84 | 139 | 20 | 58 | 78 | 311 |
| Apprch \% | 73.4 | 26.6 |  | 39.6 | 60.4 |  | 25.6 | 74.4 |  |  |
| Total \% | 22.2 | 8 | 30.2 | 17.7 | 27 | 44.7 | 6.4 | 18.6 | 25.1 |  |
| Cars \& Trailers | 66 | 23 | 89 | 46 | 75 | 121 | 11 | 41 | 52 | 262 |
| \% Cars \& Trailers | 95.7 | 92 | 94.7 | 83.6 | 89.3 | 87.1 | 55 | 70.7 | 66.7 | 84.2 |
| Large 2 Axle Vehicles | 0 | 1 | 1 | 0 | 1 | 1 | 6 | 1 | 7 | 9 |
| \% Large 2 Axle Vehicles | 0 | 4 | 1.1 | 0 | 1.2 | 0.7 | 30 | 1.7 | 9 | 2.9 |
| 3 Axle Vehicles | 0 | 0 | 0 | 0 | 3 | 3 | 0 | 1 | 1 | 4 |
| \% 3 Axle Vehicles | 0 | 0 | 0 | 0 | 3.6 | 2.2 | 0 | 1.7 | 1.3 | 1.3 |
| 4 Axle Trucks | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 3 | 4 | 5 |
| \% 4 Axle Trucks | 0 | 0 | 0 | 0 | 1.2 | 0.7 | 5 | 5.2 | 5.1 | 1.6 |
| 5 Axle Trucks | 3 | 0 | 3 | 4 | 4 | 8 | 1 | 12 | 13 | 24 |
| \% 5 Axle Trucks | 4.3 | 0 | 3.2 | 7.3 | 4.8 | 5.8 | 5 | 20.7 | 16.7 | 7.7 |
| 6+ Axle Trucks | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 2 |
| \% 6+ Axle Trucks | 0 | 4 | 1.1 | 0 | 0 | 0 | 5 | 0 | 1.3 | 0.6 |
| Buses \& RV's | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| \% Buses \& RV's | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Motorcycles | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 0 | 5 |
| \% Motorcycles | 0 | 0 | 0 | 9.1 | 0 | 3.6 | 0 | 0 | 0 | 1.6 |
| Bicycles | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| \% Bicycles | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Medium Truck | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| \% Medium Truck | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |


|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | SR-60 Eastbound Ramps Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Thru | Right | App. Total | Left | Thru | App. Total |  |  |  |  |

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

| 04:00 PM | 7 | 3 | 10 | 7 | 15 | 22 | 1 | 5 | 6 | 38 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 04:15 PM | 13 | 4 | 17 | 4 | 15 | 19 | 2 | 5 | 7 | 43 |
| 04:30 PM | 9 | 4 | 13 | 10 | 5 | 15 | 5 | 10 | 15 | 43 |
| 04:45 PM | 9 | 3 | 12 | 11 | 11 | 22 | 5 | 6 | 11 | 45 |
| Total Volume | 38 | 14 | 52 | 32 | 46 | 78 | 13 | 26 | 39 | 169 |
| \% App. Total | 73.1 | 26.9 |  | 41 | 59 |  | 33.3 | 66.7 |  |  |
| PHF | 731 | 875 | 765 | 727 | 767 | 886 | 650 | 650 | 650 | 939 |

City of Moreno Valley
N/S: Theodore Street
E/W: SR-60 Eastbound Ramps
Weather: Clear

File Name : 03_MRV_Theodore_60E PM
Site Code : 0981732 $\overline{3}$
Start Date: 5/31/2017
Page No : 1

|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | SR-60 Eastbound Ramps Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Thru | Right | App. Total | Left | Thru | App. Total | Left | Right | App. Total | Int. Total |
| 04:00 PM | 7 | 3 | 10 | 5 | 12 | 17 | 0 | 5 | 5 | 32 |
| 04:15 PM | 12 | 4 | 16 | 4 | 10 | 14 | 0 | 3 | 3 | 33 |
| 04:30 PM | 8 | 3 | 11 | 6 | 5 | 11 | 4 | 7 | 11 | 33 |
| 04:45 PM | 8 | 3 | 11 | 10 | 11 | 21 | 4 | 4 | 8 | 40 |
| Total | 35 | 13 | 48 | 25 | 38 | 63 | 8 | 19 | 27 | 138 |
| 05:00 PM | 9 | 3 | 12 | 5 | 5 | 10 | 1 | 5 | 6 | 28 |
| 05:15 PM | 7 | 4 | 11 | 3 | 8 | 11 | 1 | 3 | 4 | 26 |
| 05:30 PM | 6 | 3 | 9 | 6 | 16 | 22 | 0 | 9 | 9 | 40 |
| 05:45 PM | 9 | 0 | 9 | 7 | 8 | 15 | 1 | 5 | 6 | 30 |
| Total | 31 | 10 | 41 | 21 | 37 | 58 | 3 | 22 | 25 | 124 |
| Grand Total | 66 | 23 | 89 | 46 | 75 | 121 | 11 | 41 | 52 | 262 |
| Apprch \% | 74.2 | 25.8 |  | 38 | 62 |  | 21.2 | 78.8 |  |  |
| Total \% | 25.2 | 8.8 | 34 | 17.6 | 28.6 | 46.2 | 4.2 | 15.6 | 19.8 |  |


|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | SR-60 Eastbound Ramps |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Thru | Right | App. Total | Left | Thru | App. Total | Left | Right | App. Total | Int. Total |
| Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
| Peak Hour for Entire Intersection Begins at 04:00 PM |  |  |  |  |  |  |  |  |  |  |
| 04:00 PM | 7 | 3 | 10 | 5 | 12 | 17 | 0 | 5 | 5 | 32 |
| 04:15 PM | 12 | 4 | 16 | 4 | 10 | 14 | 0 | 3 | 3 | 33 |
| 04:30 PM | 8 | 3 | 11 | 6 | 5 | 11 | 4 | 7 | 11 | 33 |
| 04:45 PM | 8 | 3 | 11 | 10 | 11 | 21 | 4 | 4 | 8 | 40 |
| Total Volume | 35 | 13 | 48 | 25 | 38 | 63 | 8 | 19 | 27 | 138 |
| \% App. Total | 72.9 | 27.1 |  | 39.7 | 60.3 |  | 29.6 | 70.4 |  |  |
| PHF | . 729 | . 813 | . 750 | . 625 | . 792 | 750 | . 500 | . 679 | 614 | 863 |

City of Moreno Valley
N/S: Theodore Street
E/W: SR-60 Eastbound Ramps
Weather: Clear

File Name : 03_MRV_Theodore_60E PM
Site Code : 0981732 $\overline{3}$
Start Date: 5/31/2017
Page No : 1

Groups Printed- Large 2 Axle Vehicles

|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | SR-60 Eastbound Ramps 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 | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 2 | 3 |
| 04:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 2 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 0 | 0 | 0 | 1 | 1 | 3 | 1 | 4 | 5 |
| 05:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 2 |
| 05:15 PM | 0 | 1 | , | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 05:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 |
| 05:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 1 | 1 | 0 | 0 | 0 | 3 | 0 | 3 | 4 |
| Grand Total | 0 | 1 | 1 | 0 | 1 | 1 | 6 | 1 | 7 | 9 |
| Apprch \% | 0 | 100 |  | 0 | 100 |  | 85.7 | 14.3 |  |  |
| Total \% | 0 | 11.1 | 11.1 | 0 | 11.1 | 11.1 | 66.7 | 11.1 | 77.8 |  |


|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | SR-60 Eastbound Ramps 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 04:45 PM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
| Peak Hour for Entire Intersection Begins at 04:00 PM |  |  |  |  |  |  |  |  |  |  |
| 04:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:15 PM | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 2 | 3 |
| 04:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 2 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Volume | 0 | 0 | 0 | 0 | 1 | 1 | 3 | 1 | 4 | 5 |
| \% App. Total | 0 | 0 |  | 0 | 100 |  | 75 | 25 |  |  |
| PHF | . 000 | . 000 | . 000 | . 000 | . 250 | . 250 | . 375 | . 250 | 500 | 417 |

City of Moreno Valley
N/S: Theodore Street
E/W: SR-60 Eastbound Ramps
Weather: Clear

File Name : 03_MRV_Theodore_60E PM
Site Code : 0981732 $\overline{3}$
Start Date: 5/31/2017
Page No : 1

|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | SR-60 Eastbound Ramps Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Thru | Right | App. Total | Left | Thru | App. Total | Left | Right | App. Total | Int. Total |
| 04:00 PM | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 |
| 04:15 PM | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 1 | 1 | 3 |
| 04:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 0 | 0 | 0 | 3 | 3 | 0 | 1 | 1 | 4 |
| 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 | 0 | 0 | 0 | 0 | 3 | 3 | 0 | 1 | 1 | 4 |
| Apprch \% | 0 | 0 |  | 0 | 100 |  | 0 | 100 |  |  |
| Total \% | 0 | 0 | 0 | 0 | 75 | 75 | 0 | 25 | 25 |  |


|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | SR-60 Eastbound RampsEastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Thru | Right | App. Total | Left | Thru | App. Total | Left | Right | App. Total | Int. Total |
|  |  |  |  |  |  |  |  |  |  |  |
| Peak Hour for Entire Intersection Begins at 04:00 PM |  |  |  |  |  |  |  |  |  |  |
| 04:00 PM | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 |
| 04:15 PM | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 1 | 1 | 3 |
| 04:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Volume | 0 | 0 | 0 | 0 | 3 | 3 | 0 | , | 1 | 4 |
| \% App. Total | 0 | 0 |  | 0 | 100 |  | 0 | 100 |  |  |
| PHF | . 000 | . 000 | . 000 | . 000 | . 375 | . 375 | . 000 | . 250 | 250 | . 333 |

City of Moreno Valley
N/S: Theodore Street
E/W: SR-60 Eastbound Ramps
Weather: Clear

File Name : 03_MRV_Theodore_60E PM
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|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | SR-60 Eastbound Ramps 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 | 1 | 0 | 1 | 1 |
| 04:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 2 |
| 05:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| 05:15 PM | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 2 |
| 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 | 1 | 1 | 0 | 2 | 2 | 3 |
| Grand Total | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 3 | 4 | 5 |
| Apprch \% | 0 | 0 |  | 0 | 100 |  | 25 | 75 |  |  |
| Total \% | 0 | 0 | 0 | 0 | 20 | 20 | 20 | 60 | 80 |  |


|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | SR-60 Eastbound Ramps |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Thru | Right | App. Total | Left | Thru | App. Total | Left | Right | App. Total | Int. Total |
| Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
| Peak Hour for Entire Intersection Begins at 04:00 PM |  |  |  |  |  |  |  |  |  |  |
| 04:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 |
| 04:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Volume | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 2 |
| \% App. Total | 0 | 0 |  | 0 | 0 |  | 50 | 50 |  |  |
| PHF | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | 250 | . 250 | . 500 | . 500 |

City of Moreno Valley
N/S: Theodore Street
E/W: SR-60 Eastbound Ramps
Weather: Clear

File Name : 03_MRV_Theodore_60E PM
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Start Date : 5/31/2017
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|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | SR-60 Eastbound Ramps Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Thru | Right | App. Total | Left | Thru | App. Total | Left | Right | App. Total | Int. Total |
| 04:00 PM | 0 | 0 | 0 | 1 | 2 | 3 | 0 | 0 | 0 | 3 |
| 04:15 PM | 1 | 0 | 1 | 0 | 2 | 2 | 0 | 1 | 1 | 4 |
| 04:30 PM | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 2 |
| 04:45 PM | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 2 | 3 | 5 |
| Total | 3 | 0 | 3 | 2 | 4 | 6 | 1 | 4 | 5 | 14 |
| 05:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | , | 1 | 1 |
| 05:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 4 | 4 |
| 05:30 PM | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 2 | 2 | 4 |
| 05:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| Total | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 8 | 8 | 10 |
| Grand Total | 3 | 0 | 3 | 4 | 4 | 8 | 1 | 12 | 13 | 24 |
| Apprch \% | 100 | 0 |  | 50 | 50 |  | 7.7 | 92.3 |  |  |
| Total \% | 12.5 | 0 | 12.5 | 16.7 | 16.7 | 33.3 | 4.2 | 50 | 54.2 |  |


|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | SR-60 Eastbound RampsEastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Thru | Right | App. Total | Left | Thru | App. Total | Left | Right | App. Total | Int. Total |
| Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| 04:00 PM | 0 | 0 | 0 | 1 | 2 | 3 | 0 | 0 | 0 | 3 |
| 04:15 PM | 1 | 0 | 1 | 0 | 2 | 2 | 0 | 1 | 1 | 4 |
| 04:30 PM | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 2 |
| 04:45 PM | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 2 | 3 | 5 |
| Total Volume | 3 | 0 | 3 | 2 | 4 | 6 | 1 | 4 | 5 | 14 |
| \% App. Total | 100 | 0 |  | 33.3 | 66.7 |  | 20 | 80 |  |  |
| PHF | . 750 | . 000 | . 750 | . 500 | . 500 | . 500 | 250 | . 500 | 417 | . 700 |

City of Moreno Valley
N/S: Theodore Street
E/W: SR-60 Eastbound Ramps
Weather: Clear

File Name : 03_MRV_Theodore_60E PM
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Start Date: 5/31/2017
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|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | SR-60 Eastbound Ramps 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:30 PM | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 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 | 1 | 0 | 1 | 1 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 |
| Grand Total | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 2 |
| Apprch \% | 0 | 100 |  | 0 | 0 |  | 100 | 0 |  |  |
| Total \% | 0 | 50 | 50 | 0 | 0 | 0 | 50 | 0 | 50 |  |


|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | SR-60 Eastbound Ramps 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 04:45 PM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
| Peak Hour for Entire Intersection Begins at 04:00 PM |  |  |  |  |  |  |  |  |  |  |
| 04:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:30 PM | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Volume | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| \% App. Total | 0 | 100 |  | 0 | 0 |  | 0 | 0 |  |  |
| PHF | . 000 | . 250 | . 250 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | 250 |

City of Moreno Valley
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Weather: Clear

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|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | SR-60 Eastbound Ramps <br> 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apprch \% | 0 | 0 |  | 0 | 0 |  | 0 | 0 |  |  |


|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | SR-60 Eastbound RampsEastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Thru | Right | App. Total | Left | Thru | App. Total | Left | Right | App. Total | Int. Total |
|  |  |  |  |  |  |  |  |  |  |  |
| Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1 Peak Hour for Entire Intersection Begins at 04:00 PM |  |  |  |  |  |  |  |  |  |  |
| 04:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Volume | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| \% App. Total | 0 | 0 |  | 0 | 0 |  | 0 | 0 |  |  |
| PHF | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 |

City of Moreno Valley
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E/W: SR-60 Eastbound Ramps
Weather: Clear

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|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | SR-60 Eastbound Ramps Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Thru | Right | App. Total | Left | Thru | App. Total | Left | Right | App. Total | Int. Total |
| 04:00 PM | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 |
| 04:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:30 PM | 0 | 0 | 0 | 4 | 0 | 4 | 0 | 0 | 0 | 4 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 0 | 5 |
| 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 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 0 | 5 |
| Apprch \% | 0 | 0 |  | 100 | 0 |  | 0 | 0 |  |  |
| Total \% | 0 | 0 | 0 | 100 | 0 | 100 | 0 | 0 | 0 |  |


|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | SR-60 Eastbound Ramps |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Thru | Right | App. Total | Left | Thru | App. Total | Left | Right | App. Total | Int. Total |
| Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
| Peak Hour for Entire Intersection Begins at 04:00 PM |  |  |  |  |  |  |  |  |  |  |
| 04:00 PM | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 |
| 04:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:30 PM | 0 | 0 | 0 | 4 | 0 | 4 | 0 | 0 | 0 | 4 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Volume | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 0 | 5 |
| \% App. Total | 0 | 0 |  | 100 | 0 |  | 0 | 0 |  |  |
| PHF | . 000 | . 000 | . 000 | . 313 | . 000 | . 313 | . 000 | . 000 | . 000 | . 313 |

City of Moreno Valley
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Weather: Clear

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|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | SR-60 Eastbound Ramps <br> 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apprch \% | 0 | 0 |  | 0 | 0 |  | 0 | 0 |  |  |


|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | SR-60 Eastbound RampsEastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Thru | Right | App. Total | Left | Thru | App. Total | Left | Right | App. Total | Int. Total |
|  |  |  |  |  |  |  |  |  |  |  |
| Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1 Peak Hour for Entire Intersection Begins at 04:00 PM |  |  |  |  |  |  |  |  |  |  |
| 04:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Volume | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| \% App. Total | 0 | 0 |  | 0 | 0 |  | 0 | 0 |  |  |
| PHF | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 |

City of Moreno Valley
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Weather: Clear

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|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | SR-60 Eastbound Ramps 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apprch \% Total \% | 0 | 0 |  | 0 | 0 |  | 0 | 0 |  |  |


|  | Theodore Street Southbound |  |  | Theodore Street Northbound |  |  | SR-60 Eastbound Ramps |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Thru | Right | App. Total | Left | Thru | App. Total | Left | Right | App. Total | Int. Total |
| Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
| Peak Hour for Entire In | ction | ns at 0 | 0 PM |  |  |  |  |  |  |  |
| 04:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Volume | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| \% App. Total | 0 | 0 |  | 0 | 0 |  | 0 | 0 |  |  |
| PHF | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 |

City of Moreno Valley
N/S: Theodore Street
E/W: SR-60 Westbound Ramps
Weather: Clear

File Name : 02_MRV_Theodore_60W AM
Site Code : 09817323
Start Date: 5/31/2017
Page No : 1

Groups Printed- Cars \& Trailers - Large 2 Axle Vehicles - 3 Axle Vehicles - 4 Axle Trucks - 5 Axle Trucks - $6+$ Axle Trucks - Buses \& RV's Motorcycles - Bicycles - Medium Truck

|  | Theodore Street Southbound |  |  | SR-60 Westbound Ramps Westbound |  |  | Theodore Street Northbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| 07:00 AM | 2 | 5 | 7 | 2 | 7 | 9 | 12 | 3 | 15 | 31 |
| 07:15 AM | 4 | 1 | 5 | 16 | 3 | 19 | 10 | 2 | 12 | 36 |
| 07:30 AM | 7 | 6 | 13 | 9 | 5 | 14 | 4 | 1 | 5 | 32 |
| 07:45 AM | 4 | 3 | 7 | 15 | 9 | 24 | 7 | 1 | 8 | 39 |
| Total | 17 | 15 | 32 | 42 | 24 | 66 | 33 | 7 | 40 | 138 |
| 08:00 AM | 6 | 5 | 11 | 7 | 7 | 14 | 9 | 3 | 12 | 37 |
| 08:15 AM | 6 | 6 | 12 | 11 | 1 | 12 | 7 | 3 | 10 | 34 |
| 08:30 AM | 6 | 3 | 9 | 11 | 0 | 11 | 11 | 7 | 18 | 38 |
| 08:45 AM | 4 | 4 | 8 | 12 | 3 | 15 | 8 | 2 | 10 | 33 |
| Total | 22 | 18 | 40 | 41 | 11 | 52 | 35 | 15 | 50 | 142 |
| Grand Total | 39 | 33 | 72 | 83 | 35 | 118 | 68 | 22 | 90 | 280 |
| Apprch \% | 54.2 | 45.8 |  | 70.3 | 29.7 |  | 75.6 | 24.4 |  |  |
| Total \% | 13.9 | 11.8 | 25.7 | 29.6 | 12.5 | 42.1 | 24.3 | 7.9 | 32.1 |  |
| Cars \& Trailers | 15 | 30 | 45 | 36 | 29 | 65 | 37 | 16 | 53 | 163 |
| \% Cars \& Trailers | 38.5 | 90.9 | 62.5 | 43.4 | 82.9 | 55.1 | 54.4 | 72.7 | 58.9 | 58.2 |
| Large 2 Axle Vehicles | 3 | 1 | 4 | 1 | 3 | 4 | 4 | 1 | 5 | 13 |
| \% Large 2 Axle Vehicles | 7.7 | 3 | 5.6 | 1.2 | 8.6 | 3.4 | 5.9 | 4.5 | 5.6 | 4.6 |
| 3 Axle Vehicles | 3 | 0 | 3 | 0 | 0 | 0 | 3 | 1 | 4 | 7 |
| \% 3 Axle Vehicles | 7.7 | 0 | 4.2 | 0 | 0 | 0 | 4.4 | 4.5 | 4.4 | 2.5 |
| 4 Axle Trucks | 3 | 1 | 4 | 0 | 0 | 0 | 5 | 0 | 5 | 9 |
| \% 4 Axle Trucks | 7.7 | 3 | 5.6 | 0 | 0 | 0 | 7.4 | 0 | 5.6 | 3.2 |
| 5 Axle Trucks | 15 | 1 | 16 | 39 | 1 | 40 | 18 | 4 | 22 | 78 |
| \% 5 Axle Trucks | 38.5 | 3 | 22.2 | 47 | 2.9 | 33.9 | 26.5 | 18.2 | 24.4 | 27.9 |
| 6+ Axle Trucks | 0 | 0 | 0 | 7 | 0 | 7 | 1 | 0 | 1 | 8 |
| \% 6+ Axle Trucks | 0 | 0 | 0 | 8.4 | 0 | 5.9 | 1.5 | 0 | 1.1 | 2.9 |
| Buses \& RV's | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| \% Buses \& RV's | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Motorcycles | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 2 |
| \% Motorcycles | 0 | 0 | 0 | 0 | 5.7 | 1.7 | 0 | 0 | 0 | 0.7 |
| Bicycles | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| \% Bicycles | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Medium Truck | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| \% Medium Truck | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |


|  | Theodore Street Southbound |  |  | SR-60 Westbound RampsWestbound |  |  | Theodore Street Northbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | 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 07:45 AM

| 07:45 AM | 4 | 3 | 7 | 15 | 9 | 24 | 7 | 1 | 8 | 39 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 08:00 AM | 6 | 5 | 11 | 7 | 7 | 14 | 9 | 3 | 12 | 37 |
| 08:15 AM | 6 | 6 | 12 | 11 | 1 | 12 | 7 | 3 | 10 | 34 |
| 08:30 AM | 6 | 3 | 9 | 11 | 0 | 11 | 11 | 7 | 18 | 38 |
| Total Volume | 22 | 17 | 39 | 44 | 17 | 61 | 34 | 14 | 48 | 148 |
| \% App. Total | 56.4 | 43.6 |  | 72.1 | 27.9 |  | 70.8 | 29.2 |  |  |
| PHF | . 917 | . 708 | . 813 | . 733 | . 472 | . 635 | . 773 | . 500 | . 667 | . 949 |

City of Moreno Valley
N/S: Theodore Street
E/W: SR-60 Westbound Ramps
Weather: Clear

File Name: 02_MRV_Theodore_60W AM
Site Code : 09817323
Start Date : 5/31/2017
Page No : 1

|  | Theodore Street Southbound |  |  | SR-60 Westbound Ramps Westbound |  |  | Theodore Street Northbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| 07:00 AM | 1 | 5 | 6 | 2 | 6 | 8 | 5 | 3 | 8 | 22 |
| 07:15 AM | 3 | 1 | 4 | 9 | 3 | 12 | 7 | 0 | 7 | 23 |
| 07:30 AM | 0 | 5 | 5 | 4 | 5 | 9 | 1 | 1 | 2 | 16 |
| 07:45 AM | 0 | 3 | 3 | 6 | 6 | 12 | 4 | 1 | 5 | 20 |
| Total | 4 | 14 | 18 | 21 | 20 | 41 | 17 | 5 | 22 | 81 |
| 08:00 AM | 3 | 5 | 8 | 3 | 6 | 9 | 4 | 1 | 5 | 22 |
| 08:15 AM | 3 | 5 | 8 | 4 | 1 | 5 | 6 | 2 | 8 | 21 |
| 08:30 AM | 2 | 3 | 5 | 4 | 0 | 4 | 7 | 6 | 13 | 22 |
| 08:45 AM | 3 | 3 | 6 | 4 | 2 | 6 | 3 | 2 | 5 | 17 |
| Total | 11 | 16 | 27 | 15 | 9 | 24 | 20 | 11 | 31 | 82 |
| Grand Total | 15 | 30 | 45 | 36 | 29 | 65 | 37 | 16 | 53 | 163 |
| Apprch \% | 33.3 | 66.7 |  | 55.4 | 44.6 |  | 69.8 | 30.2 |  |  |
| Total \% | 9.2 | 18.4 | 27.6 | 22.1 | 17.8 | 39.9 | 22.7 | 9.8 | 32.5 |  |


|  | Theodore Street Southbound |  |  | SR-60 Westbound Ramps Westbound |  |  | Theodore Street Northbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| 07:45 AM | 0 | 3 | 3 | 6 | 6 | 12 | 4 | 1 | 5 | 20 |
| 08:00 AM | 3 | 5 | 8 | 3 | 6 | 9 | 4 |  | 5 | 22 |
| 08:15 AM | 3 | 5 | 8 | 4 | 1 | 5 | 6 | 2 | 8 | 21 |
| 08:30 AM | 2 | 3 | 5 | 4 | 0 | 4 | 7 | 6 | 13 | 22 |
| Total Volume | 8 | 16 | 24 | 17 | 13 | 30 | 21 | 10 | 31 | 85 |
| \% App. Total | 33.3 | 66.7 |  | 56.7 | 43.3 |  | 67.7 | 32.3 |  |  |
| PHF | . 667 | . 800 | . 750 | . 708 | . 542 | . 625 | . 750 | . 417 | . 596 | . 966 |


| City of Moreno Valley | File Name :02_MRV_Theodore_60W AM |
| :--- | :--- |
| N/S: Theodore Street | Site Code $: 0981732 \overline{3}$ |
| E/W: SR-60 Westbound Ramps | Start Date $: 5 / 31 / 2017$ |
| Weather: Clear | Page No $: 1$ |


|  | Theodore Street Southbound |  |  | SR-60 Westbound Ramps Westbound |  |  | Theodore Street Northbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| 07:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| 07:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 |
| 07:45 AM | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 3 |
| Total | 1 | 0 | 1 | 0 | 1 | 1 | 2 | 1 | 3 | 5 |
| 08:00 AM | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 2 |
| 08:15 AM | 1 | 1 | 2 | 0 | 0 | 0 | 1 | 0 | 1 | 3 |
| 08:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 08:45 AM | 0 | 0 | 0 | 1 | 1 | 2 | 1 | 0 | 1 | 3 |
| Total | 2 | 1 | 3 | 1 | 2 | 3 | 2 | 0 | 2 | 8 |
| Grand Total | 3 | 1 | 4 | 1 | 3 | 4 | 4 | 1 | 5 | 13 |
| Apprch \% | 75 | 25 |  | 25 | 75 |  | 80 | 20 |  |  |
| Total \% | 23.1 | 7.7 | 30.8 | 7.7 | 23.1 | 30.8 | 30.8 | 7.7 | 38.5 |  |


|  | Theodore Street Southbound |  |  | SR-60 Westbound Ramps Westbound |  |  | Theodore Street Northbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
| Peak Hour for Entire Intersection Begins at 07:45 AM |  |  |  |  |  |  |  |  |  |  |
| 07:45 AM | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 3 |
| 08:00 AM | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 2 |
| 08:15 AM | 1 | 1 | 2 | 0 | 0 | 0 | 1 | 0 | 1 | 3 |
| 08:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Volume | 3 | 1 | 4 | 0 | 2 | 2 | 2 | 0 | 2 | 8 |
| \% App. Total | 75 | 25 |  | 0 | 100 |  | 100 | 0 |  |  |
| PHF | . 750 | . 250 | . 500 | . 000 | . 500 | . 500 | . 500 | . 000 | . 500 | . 667 |


| City of Moreno Valley | File Name :02_MRV_Theodore_60W AM |
| :--- | :--- |
| N/S: Theodore Street | Site Code $: 0981732 \overline{3}$ |
| E/W: SR-60 Westbound Ramps | Start Date $: 5 / 31 / 2017$ |
| Weather: Clear | Page No $: 1$ |


|  | Theodore Street Southbound |  |  | SR-60 Westbound Ramps Westbound |  |  | Theodore Street Northbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| 07:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 |
| 08:00 AM | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 2 |
| 08:15 AM | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 08:30 AM | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 2 |
| 08:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 |
| Total | 3 | 0 | 3 | 0 | 0 | 0 | 2 | 1 | 3 | 6 |
| Grand Total | 3 | 0 | 3 | 0 | 0 | 0 | 3 | 1 | 4 | 7 |
| Apprch \% | 100 | 0 |  | 0 | 0 |  | 75 | 25 |  |  |
| Total \% | 42.9 | 0 | 42.9 | 0 | 0 | 0 | 42.9 | 14.3 | 57.1 |  |


|  | Theodore Street Southbound |  |  | SR-60 Westbound Ramps Westbound |  |  | Theodore Street Northbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
|  |  |  |  |  |  |  |  |  |  |  |
| Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1 Peak Hour for Entire Intersection Begins at 07:45 AM |  |  |  |  |  |  |  |  |  |  |
| 07:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 |
| 08:00 AM | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 2 |
| 08:15 AM | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 08:30 AM | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 2 |
| Total Volume | 3 | 0 | 3 | 0 | 0 | 0 | 2 | 1 | 3 | 6 |
| \% App. Total | 100 | 0 |  | 0 | 0 |  | 66.7 | 33.3 |  |  |
| PHF | . 750 | . 000 | . 750 | . 000 | . 000 | . 000 | . 500 | . 250 | 750 | . 750 |


| City of Moreno Valley | File Name :02_MRV_Theodore_60W AM |
| :--- | :--- |
| N/S: Theodore Street | Site Code $: 0981732 \overline{3}$ |
| E/W: SR-60 Westbound Ramps | Start Date $: 5 / 31 / 2017$ |
| Weather: Clear | Page No $: 1$ |


|  | Theodore Street Southbound |  |  | SR-60 Westbound Ramps Westbound |  |  | Theodore Street Northbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| 07:00 AM | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 2 |
| 07:15 AM | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 07:30 AM | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 07:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 3 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 1 | 4 |
| 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 | 2 | 0 | 2 | 2 |
| 08:45 AM | 0 | 1 | 1 | 0 | 0 | 0 | 2 | 0 | 2 | 3 |
| Total | 0 | 1 | 1 | 0 | 0 | 0 | 4 | 0 | 4 | 5 |
| Grand Total | 3 | 1 | 4 | 0 | 0 | 0 | 5 | 0 | 5 | 9 |
| Apprch \% | 75 | 25 |  | 0 | 0 |  | 100 | 0 |  |  |
| Total \% | 33.3 | 11.1 | 44.4 | 0 | 0 | 0 | 55.6 | 0 | 55.6 |  |


|  | Theodore Street Southbound |  |  | SR-60 Westbound Ramps Westbound |  |  | Theodore Street Northbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
| Peak Hour for Entire In | ction | s at 07 | AM |  |  |  |  |  |  |  |
| 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 |
| 08:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 08:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 2 |
| Total Volume | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 2 |
| \% App. Total | 0 | 0 |  | 0 | 0 |  | 100 | 0 |  |  |
| PHF | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 250 | . 000 | 250 | 250 |


| City of Moreno Valley | File Name :02_MRV_Theodore_60W AM |
| :--- | :--- |
| N/S: Theodore Street | Site Code $: 0981732 \overline{3}$ |
| E/W: SR-60 Westbound Ramps | Start Date $: 5 / 31 / 2017$ |
| Weather: Clear | Page No $: 1$ |


|  | Theodore Street Southbound |  |  | SR-60 Westbound Ramps Westbound |  |  | Theodore Street Northbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| 07:00 AM | 0 | 0 | 0 | 0 | 1 | 1 | 5 | 0 | 5 | 6 |
| 07:15 AM | 0 | 0 | 0 | 6 | 0 | 6 | 3 | 1 | 4 | 10 |
| 07:30 AM | 6 | 1 | 7 | 5 | 0 | 5 | 2 | 0 | 2 | 14 |
| 07:45 AM | 3 | 0 | 3 | 7 | 0 | 7 | 1 | 0 | 1 | 11 |
| Total | 9 | 1 | 10 | 18 | 1 | 19 | 11 | 1 | 12 | 41 |
| 08:00 AM | 1 | 0 | 1 | 3 | 0 | 3 | 4 | 2 | 6 | 10 |
| 08:15 AM | 1 | 0 | 1 | 7 | 0 | 7 | 0 | 1 | 1 | 9 |
| 08:30 AM | 3 | 0 | 3 | 5 | 0 | 5 | 2 | 0 | 2 | 10 |
| 08:45 AM | 1 | 0 | 1 | 6 | 0 | 6 | 1 | 0 | 1 | 8 |
| Total | 6 | 0 | 6 | 21 | 0 | 21 | 7 | 3 | 10 | 37 |
| Grand Total | 15 | 1 | 16 | 39 | 1 | 40 | 18 | 4 | 22 | 78 |
| Apprch \% | 93.8 | 6.2 |  | 97.5 | 2.5 |  | 81.8 | 18.2 |  |  |
| Total \% | 19.2 | 1.3 | 20.5 | 50 | 1.3 | 51.3 | 23.1 | 5.1 | 28.2 |  |


|  | Theodore Street Southbound |  |  | SR-60 Westbound Ramps Westbound |  |  | Theodore Street Northbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
|  |  |  |  |  |  |  |  |  |  |  |
| Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1 Peak Hour for Entire Intersection Begins at 07:45 AM |  |  |  |  |  |  |  |  |  |  |
| 07:45 AM | 3 | 0 | 3 | 7 | 0 | 7 | 1 | 0 | 1 | 11 |
| 08:00 AM | 1 | 0 | 1 | 3 | 0 | 3 | 4 | 2 | 6 | 10 |
| 08:15 AM | 1 | 0 | 1 | 7 | 0 | 7 | 0 | 1 | 1 | 9 |
| 08:30 AM | 3 | 0 | 3 | 5 | 0 | 5 | 2 | 0 | 2 | 10 |
| Total Volume | 8 | 0 | 8 | 22 | 0 | 22 | 7 | 3 | 10 | 40 |
| \% App. Total | 100 | 0 |  | 100 | 0 |  | 70 | 30 |  |  |
| PHF | . 667 | . 000 | . 667 | . 786 | . 000 | . 786 | 438 | . 375 | 417 | 909 |


| City of Moreno Valley | File Name :02_MRV_Theodore_60W AM |
| :--- | :--- |
| N/S: Theodore Street | Site Code $: 0981732 \overline{3}$ |
| E/W: SR-60 Westbound Ramps | Start Date $: 5 / 31 / 2017$ |
| Weather: Clear | Page No $: 1$ |


|  | Theodore Street Southbound |  |  | SR-60 Westbound Ramps Westbound |  |  | Theodore Street Northbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| 07:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 |
| 07:15 AM | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 |
| 07:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07:45 AM | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 2 |
| Total | 0 | 0 | 0 | 3 | 0 | 3 | 1 | 0 | 1 | 4 |
| 08:00 AM | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 |
| 08:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 08:30 AM | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 2 |
| 08:45 AM | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 |
| Total | 0 | 0 | 0 | 4 | 0 | 4 | 0 | 0 | 0 | 4 |
| Grand Total | 0 | 0 | 0 | 7 | 0 | 7 | 1 | 0 | 1 | 8 |
| Apprch \% | 0 | 0 |  | 100 | 0 |  | 100 | 0 |  |  |
| Total \% | 0 | 0 | 0 | 87.5 | 0 | 87.5 | 12.5 | 0 | 12.5 |  |


|  | Theodore Street Southbound |  |  | SR-60 Westbound Ramps Westbound |  |  | Theodore Street Northbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
|  |  |  |  |  |  |  |  |  |  |  |
| Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1 Peak Hour for Entire Intersection Begins at 07:45 AM |  |  |  |  |  |  |  |  |  |  |
| 07:45 AM | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 2 |
| 08:00 AM | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 |
| 08:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 08:30 AM | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 2 |
| Total Volume | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 0 | 5 |
| \% App. Total | 0 | 0 |  | 100 | 0 |  | 0 | 0 |  |  |
| PHF | . 000 | . 000 | . 000 | . 625 | . 000 | . 625 | . 000 | . 000 | . 000 | . 625 |


| City of Moreno Valley | File Name :02_MRV_Theodore_60W AM |
| :--- | :--- |
| N/S: Theodore Street | Site Code $: 0981732 \overline{3}$ |
| E/W: SR-60 Westbound Ramps | Start Date $: 5 / 31 / 2017$ |
| Weather: Clear | Page No $: 1$ |


|  | Theodore Street Southbound |  |  | SR-60 Westbound Ramps Westbound |  |  | Theodore Street Northbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| 07:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 | 0 | 0 | 0 | 0 |
| 08:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Grand Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apprch \% | 0 | 0 |  | 0 | 0 |  | 0 | 0 |  |  |


|  | Theodore Street Southbound |  |  | SR-60 Westbound Ramps Westbound |  |  | Theodore Street Northbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
| Peak Hour for Entire Intersection Begins at 07:45 AM |  |  |  |  |  |  |  |  |  |  |
| 07:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 | 0 | 0 | 0 | 0 |
| Total Volume | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| \% App. Total | 0 | 0 |  | 0 | 0 |  | 0 | 0 |  |  |
| PHF | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 |


| City of Moreno Valley | File Name :02_MRV_Theodore_60W AM |
| :--- | :--- |
| N/S: Theodore Street | Site Code $: 0981732 \overline{3}$ |
| E/W: SR-60 Westbound Ramps | Start Date $: 5 / 31 / 2017$ |
| Weather: Clear | Page No $: 1$ |


|  | Theodore Street Southbound |  |  | SR-60 Westbound Ramps Westbound |  |  | Theodore Street Northbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| 07:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07:45 AM | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 2 |
| Total | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 2 |
| 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 | 0 | 0 | 0 | 0 |
| 08:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Grand Total | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 2 |
| Apprch \% | 0 | 0 |  | 0 | 100 |  | 0 | 0 |  |  |
| Total \% | 0 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |  |


|  | Theodore Street Southbound |  |  | SR-60 Westbound Ramps Westbound |  |  | Theodore Street Northbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
| Peak Hour for Entire Intersection Begins at 07:45 AM |  |  |  |  |  |  |  |  |  |  |
| 07:45 AM | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 2 |
| 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 | 0 | 0 | 0 | 0 |
| Total Volume | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 2 |
| \% App. Total | 0 | 0 |  | 0 | 100 |  | 0 | 0 |  |  |
| PHF | . 000 | . 000 | . 000 | . 000 | . 250 | . 250 | . 000 | . 000 | . 000 | . 250 |


| City of Moreno Valley | File Name :02_MRV_Theodore_60W AM |
| :--- | :--- |
| N/S: Theodore Street | Site Code $: 0981732 \overline{3}$ |
| E/W: SR-60 Westbound Ramps | Start Date $: 5 / 31 / 2017$ |
| Weather: Clear | Page No $: 1$ |


|  | Theodore Street Southbound |  |  | SR-60 Westbound Ramps Westbound |  |  | Theodore Street Northbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| 07:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 | 0 | 0 | 0 | 0 |
| 08:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Grand Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apprch \% | 0 | 0 |  | 0 | 0 |  | 0 | 0 |  |  |


|  | Theodore Street Southbound |  |  | SR-60 Westbound Ramps Westbound |  |  | Theodore Street Northbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
| Peak Hour for Entire Intersection Begins at 07:45 AM |  |  |  |  |  |  |  |  |  |  |
| 07:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 | 0 | 0 | 0 | 0 |
| Total Volume | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| \% App. Total | 0 | 0 |  | 0 | 0 |  | 0 | 0 |  |  |
| PHF | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 |


| City of Moreno Valley | File Name :02_MRV_Theodore_60W AM |
| :--- | :--- |
| N/S: Theodore Street | Site Code $: 0981732 \overline{3}$ |
| E/W: SR-60 Westbound Ramps | Start Date $: 5 / 31 / 2017$ |
| Weather: Clear | Page No $: 1$ |


|  | Theodore Street Southbound |  |  | SR-60 Westbound Ramps Westbound |  |  | Theodore Street Northbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| 07:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 | 0 | 0 | 0 | 0 |
| 08:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Grand Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apprch \% | 0 | 0 |  | 0 | 0 |  | 0 | 0 |  |  |


|  | Theodore Street Southbound |  |  | SR-60 Westbound Ramps Westbound |  |  | Theodore Street Northbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
| Peak Hour for Entire Intersection Begins at 07:45 AM |  |  |  |  |  |  |  |  |  |  |
| 07:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 | 0 | 0 | 0 | 0 |
| Total Volume | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| \% App. Total | 0 | 0 |  | 0 | 0 |  | 0 | 0 |  |  |
| PHF | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 |

City of Moreno Valley
N/S: Theodore Street
E/W: SR-60 Westbound Ramps
Weather: Clear

File Name : 02_MRV_Theodore_60W PM
Site Code : 09817323
Start Date: 5/31/2017
Page No : 1

Groups Printed- Cars \& Trailers - Large 2 Axle Vehicles - 3 Axle Vehicles - 4 Axle Trucks - 5 Axle Trucks - $6+$ Axle Trucks - Buses \& RV's Motorcycles - Bicycles - Medium Truck

|  | Theodore Street Southbound |  |  | SR-60 Westbound Ramps Westbound |  |  | Theodore Street Northbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| 04:00 PM | 11 | 7 | 18 | 3 | 1 | 4 | 5 | 13 | 18 | 40 |
| 04:15 PM | 9 | 6 | 15 | 10 | 4 | 14 | 4 | 9 | 13 | 42 |
| 04:30 PM | 10 | 11 | 21 | 4 | 3 | 7 | 7 | 10 | 17 | 45 |
| 04:45 PM | 5 | 5 | 10 | 6 | 2 | 8 | 4 | 6 | 10 | 28 |
| Total | 35 | 29 | 64 | 23 | 10 | 33 | 20 | 38 | 58 | 155 |
| 05:00 PM | 1 | 7 | 8 | 6 | 3 | 9 | 2 | 10 | 12 | 29 |
| 05:15 PM | 3 | 8 | 11 | 3 | 4 | 7 | 1 | 4 | 5 | 23 |
| 05:30 PM | 2 | 3 | 5 | 5 | 0 | 5 | 8 | 13 | 21 | 31 |
| 05:45 PM | 2 | 3 | 5 | 4 | 4 | 8 | 1 | 6 | 7 | 20 |
| Total | 8 | 21 | 29 | 18 | 11 | 29 | 12 | 33 | 45 | 103 |
| Grand Total | 43 | 50 | 93 | 41 | 21 | 62 | 32 | 71 | 103 | 258 |
| Apprch \% | 46.2 | 53.8 |  | 66.1 | 33.9 |  | 31.1 | 68.9 |  |  |
| Total \% | 16.7 | 19.4 | 36 | 15.9 | 8.1 | 24 | 12.4 | 27.5 | 39.9 |  |
| Cars \& Trailers | 32 | 49 | 81 | 37 | 20 | 57 | 27 | 59 | 86 | 224 |
| \% Cars \& Trailers | 74.4 | 98 | 87.1 | 90.2 | 95.2 | 91.9 | 84.4 | 83.1 | 83.5 | 86.8 |
| Large 2 Axle Vehicles | 3 | 0 | 3 | 0 | 1 | 1 | 2 | 6 | 8 | 12 |
| \% Large 2 Axle Vehicles | 7 | 0 | 3.2 | 0 | 4.8 | 1.6 | 6.2 | 8.5 | 7.8 | 4.7 |
| 3 Axle Vehicles | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 4 | 4 | 6 |
| \% 3 Axle Vehicles | 2.3 | 0 | 1.1 | 2.4 | 0 | 1.6 | 0 | 5.6 | 3.9 | 2.3 |
| 4 Axle Trucks | 4 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| \% 4 Axle Trucks | 9.3 | 0 | 4.3 | 0 | 0 | 0 | 0 | 0 | 0 | 1.6 |
| 5 Axle Trucks | 3 | 0 | 3 | 3 | 0 | 3 | 2 | 2 | 4 | 10 |
| \% 5 Axle Trucks | 7 | 0 | 3.2 | 7.3 | 0 | 4.8 | 6.2 | 2.8 | 3.9 | 3.9 |
| 6+ Axle Trucks | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 2 |
| \% 6+ Axle Trucks | 0 | 2 | 1.1 | 0 | 0 | 0 | 3.1 | 0 | 1 | 0.8 |
| Buses \& RV's | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| \% Buses \& RV's | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Motorcycles | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| \% Motorcycles | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bicycles | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| \% Bicycles | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Medium Truck | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| \% Medium Truck | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |


|  | Theodore Street Southbound |  |  | SR-60 Westbound RampsWestbound |  |  | Theodore Street Northbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | 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 04:00 PM

| 04:00 PM | 11 | 7 | 18 | 3 | 1 | 4 | 5 | 13 | 18 | 40 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 04:15 PM | 9 | 6 | 15 | 10 | 4 | 14 | 4 | 9 | 13 | 42 |
| 04:30 PM | 10 | 11 | 21 | 4 | 3 | 7 | 7 | 10 | 17 | 45 |
| 04:45 PM | 5 | 5 | 10 | 6 | 2 | 8 | 4 | 6 | 10 | 28 |
| Total Volume | 35 | 29 | 64 | 23 | 10 | 33 | 20 | 38 | 58 | 155 |
| \% App. Total | 54.7 | 45.3 |  | 69.7 | 30.3 |  | 34.5 | 65.5 |  |  |
| PHF | . 795 | . 659 | . 762 | . 575 | . 625 | . 589 | . 714 | . 731 | . 806 | . 861 |

City of Moreno Valley
N/S: Theodore Street
E/W: SR-60 Westbound Ramps
Weather: Clear

File Name : 02_MRV_Theodore_60W PM
Site Code : 09817323
Start Date : 5/31/2017
Page No : 1

|  | Theodore Street Southbound |  |  | SR-60 Westbound Ramps Westbound |  |  | Theodore Street Northbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| 04:00 PM | 7 | 7 | 14 | 2 | 1 | 3 | 4 | 9 | 13 | 30 |
| 04:15 PM | 4 | 6 | 10 | 10 | 3 | 13 | 4 | 5 | 9 | 32 |
| 04:30 PM | 9 | 10 | 19 | 3 | 3 | 6 | 7 | 9 | 16 | 41 |
| 04:45 PM | 5 | 5 | 10 | 5 | 2 | 7 | 3 | 5 | 8 | 25 |
| Total | 25 | 28 | 53 | 20 | 9 | 29 | 18 | 28 | 46 | 128 |
| 05:00 PM | 1 | 7 | 8 | 5 | 3 | 8 | 2 | 8 | 10 | 26 |
| 05:15 PM | 3 | 8 | 11 | 3 | 4 | 7 | 1 | 4 | 5 | 23 |
| 05:30 PM | 2 | 3 | 5 | 5 | 0 | 5 | 5 | 13 | 18 | 28 |
| 05:45 PM | 1 | 3 | 4 | 4 | 4 | 8 | 1 | 6 | 7 | 19 |
| Total | 7 | 21 | 28 | 17 | 11 | 28 | 9 | 31 | 40 | 96 |
| Grand Total | 32 | 49 | 81 | 37 | 20 | 57 | 27 | 59 | 86 | 224 |
| Apprch \% | 39.5 | 60.5 |  | 64.9 | 35.1 |  | 31.4 | 68.6 |  |  |
| Total \% | 14.3 | 21.9 | 36.2 | 16.5 | 8.9 | 25.4 | 12.1 | 26.3 | 38.4 |  |


|  | Theodore Street Southbound |  |  | SR-60 Westbound Ramps Westbound |  |  | Theodore Street Northbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
| Peak Hour for Entire Intersection Begins at 04:00 PM |  |  |  |  |  |  |  |  |  |  |
| 04:00 PM | 7 | 7 | 14 | 2 | 1 | 3 | 4 | 9 | 13 | 30 |
| 04:15 PM | 4 | 6 | 10 | 10 | 3 | 13 | 4 | 5 | 9 | 32 |
| 04:30 PM | 9 | 10 | 19 | 3 | 3 | 6 | 7 | 9 | 16 | 41 |
| 04:45 PM | 5 | 5 | 10 | 5 | 2 | 7 | 3 | 5 | 8 | 25 |
| Total Volume | 25 | 28 | 53 | 20 | 9 | 29 | 18 | 28 | 46 | 128 |
| \% App. Total | 47.2 | 52.8 |  | 69 | 31 |  | 39.1 | 60.9 |  |  |
| PHF | . 694 | 700 | . 697 | . 500 | 750 | . 558 | . 643 | . 778 | . 719 | . 780 |


| City of Moreno Valley | File Name :02_MRV_Theodore_60W PM |
| :--- | :--- |
| N/S: Theodore Street | Site Code $: 0981732 \overline{3}$ |
| E/W: SR-60 Westbound Ramps | Start Date $: 5 / 31 / 2017$ |
| Weather: Clear | Page No $: 1$ |


|  | Theodore Street Southbound |  |  | SR-60 Westbound Ramps Westbound |  |  | Theodore Street Northbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| 04:00 PM | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 1 | 3 |
| 04:15 PM | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 2 | 2 | 3 |
| 04:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| Total | 2 | 0 | 2 | 0 | 1 | 1 | 0 | 5 | 5 | 8 |
| 05:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| 05:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 05:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 2 |
| 05:45 PM | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Total | 1 | 0 | 1 | 0 | 0 | 0 | 2 | 1 | 3 | 4 |
| Grand Total | 3 | 0 | 3 | 0 | 1 | 1 | 2 | 6 | 8 | 12 |
| Apprch \% | 100 | 0 |  | 0 | 100 |  | 25 | 75 |  |  |
| Total \% | 25 | 0 | 25 | 0 | 8.3 | 8.3 | 16.7 | 50 | 66.7 |  |


|  | Theodore Street Southbound |  |  | SR-60 Westbound Ramps Westbound |  |  | Theodore Street Northbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
| Peak Hour for Entire In | ction | s at 0 | O PM |  |  |  |  |  |  |  |
| 04:00 PM | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 1 | 3 |
| 04:15 PM | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 2 | 2 | 3 |
| 04:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| Total Volume | 2 | 0 | 2 | 0 | 1 | 1 | 0 | 5 | 5 | 8 |
| \% App. Total | 100 | 0 |  | 0 | 100 |  | 0 | 100 |  |  |
| PHF | . 250 | . 000 | . 250 | . 000 | . 250 | . 250 | . 000 | . 625 | . 625 | 667 |


| City of Moreno Valley | File Name :02_MRV_Theodore_60W PM |
| :--- | :--- |
| N/S: Theodore Street | Site Code $: 0981732 \overline{3}$ |
| E/W: SR-60 Westbound Ramps | Start Date $: 5 / 31 / 2017$ |
| Weather: Clear | Page No $: 1$ |


|  | Theodore Street Southbound |  |  | SR-60 Westbound Ramps Westbound |  |  | Theodore Street Northbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| 04:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 2 |
| 04:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| 04:30 PM | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 3 | 3 | 4 |
| 05:00 PM | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 2 |
| 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 | 1 | 0 | 1 | 0 | 1 | 1 | 2 |
| Grand Total | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 4 | 4 | 6 |
| Apprch \% | 100 | 0 |  | 100 | 0 |  | 0 | 100 |  |  |
| Total \% | 16.7 | 0 | 16.7 | 16.7 | 0 | 16.7 | 0 | 66.7 | 66.7 |  |


|  | Theodore Street Southbound |  |  | SR-60 Westbound Ramps Westbound |  |  | Theodore Street Northbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
|  |  |  |  |  |  |  |  |  |  |  |
| Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1 Peak Hour for Entire Intersection Begins at 04:00 PM |  |  |  |  |  |  |  |  |  |  |
| 04:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 2 |
| 04:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| 04:30 PM | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Volume | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 3 | 3 | 4 |
| \% App. Total | 100 | 0 |  | 0 | 0 |  | 0 | 100 |  |  |
| PHF | . 250 | . 000 | . 250 | . 000 | . 000 | . 000 | . 000 | . 375 | . 375 | . 500 |


| City of Moreno Valley | File Name :02_MRV_Theodore_60W PM |
| :--- | :--- |
| N/S: Theodore Street | Site Code $: 0981732 \overline{3}$ |
| E/W: SR-60 Westbound Ramps | Start Date $: 5 / 31 / 2017$ |
| Weather: Clear | Page No $: 1$ |


|  | Theodore Street Southbound |  |  | SR-60 Westbound Ramps Westbound |  |  | Theodore Street Northbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| 04:00 PM | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 04:15 PM | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 04:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 4 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 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 | 4 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| Apprch \% | 100 | 0 |  | 0 | 0 |  | 0 | 0 |  |  |
| Total \% | 100 | 0 | 100 | 0 | 0 | 0 | 0 | 0 | 0 |  |


|  | Theodore Street Southbound |  |  | SR-60 Westbound Ramps Westbound |  |  | Theodore Street Northbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
| Peak Hour for Entire Intersection Begins at 04:00 PM |  |  |  |  |  |  |  |  |  |  |
| 04:00 PM | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 04:15 PM | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 04:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Volume | 4 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| \% App. Total | 100 | 0 |  | 0 | 0 |  | 0 | 0 |  |  |
| PHF | . 500 | . 000 | . 500 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 500 |


| City of Moreno Valley | File Name :02_MRV_Theodore_60W PM |
| :--- | :--- |
| N/S: Theodore Street | Site Code $: 0981732 \overline{3}$ |
| E/W: SR-60 Westbound Ramps | Start Date $: 5 / 31 / 2017$ |
| Weather: Clear | Page No $: 1$ |


| Groups Printed- 5 Axle Trucks |  |  |  |  |  |  |  |  |  | Int. Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Theodore Street Southbound |  |  | SR-60 Westbound Ramps Westbound |  |  | Theodore Street Northbound |  |  |  |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total |  |
| 04:00 PM | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 2 | 3 |
| 04:15 PM | 3 | 0 | 3 | 0 | 0 | 0 | 0 | 1 | 1 | 4 |
| 04:30 PM | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 |
| 04:45 PM | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 2 |
| Total | 3 | 0 | 3 | 3 | 0 | 3 | 2 | 2 | 4 | 10 |
| 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 | 3 | 0 | 3 | 3 | 0 | 3 | 2 | 2 | 4 | 10 |
| Apprch \% | 100 | 0 |  | 100 | 0 |  | 50 | 50 |  |  |
| Total \% | 30 | 0 | 30 | 30 | 0 | 30 | 20 | 20 | 40 |  |


|  | Theodore Street Southbound |  |  | SR-60 Westbound Ramps Westbound |  |  | Theodore Street Northbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
|  |  |  |  |  |  |  |  |  |  |  |
| Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1 Peak Hour for Entire Intersection Begins at 04:00 PM |  |  |  |  |  |  |  |  |  |  |
| 04:00 PM | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 2 | 3 |
| 04:15 PM | 3 | 0 | 3 | 0 | 0 | 0 | 0 | 1 | 1 | 4 |
| 04:30 PM | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 |
| 04:45 PM | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 2 |
| Total Volume | 3 | 0 | 3 | 3 | 0 | 3 | 2 | 2 | 4 | 10 |
| \% App. Total | 100 | 0 |  | 100 | 0 |  | 50 | 50 |  |  |
| PHF | . 250 | . 000 | . 250 | . 750 | . 000 | . 750 | . 500 | . 500 | . 500 | . 625 |


| City of Moreno Valley | File Name :02_MRV_Theodore_60W PM |
| :--- | :--- |
| N/S: Theodore Street | Site Code $: 0981732 \overline{3}$ |
| E/W: SR-60 Westbound Ramps | Start Date $: 5 / 31 / 2017$ |
| Weather: Clear | Page No $: 1$ |


|  | Theodore Street Southbound |  |  | SR-60 Westbound Ramps Westbound |  |  | Theodore Street Northbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| 04:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:30 PM | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 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 | 1 | 0 | 1 | 1 |
| 05:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 |
| Grand Total | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 2 |
| Apprch \% | 0 | 100 |  | 0 | 0 |  | 100 | 0 |  |  |
| Total \% | 0 | 50 | 50 | 0 | 0 | 0 | 50 | 0 | 50 |  |


|  | Theodore Street Southbound |  |  | SR-60 Westbound Ramps Westbound |  |  | Theodore Street Northbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
| Peak Hour for Entire Intersection Begins at 04:00 PM |  |  |  |  |  |  |  |  |  |  |
| 04:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:30 PM | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Volume | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| \% App. Total | 0 | 100 |  | 0 | 0 |  | 0 | 0 |  |  |
| PHF | . 000 | . 250 | . 250 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | 250 |


| City of Moreno Valley | File Name :02_MRV_Theodore_60W PM |
| :--- | :--- |
| N/S: Theodore Street | Site Code $: 0981732 \overline{3}$ |
| E/W: SR-60 Westbound Ramps | Start Date $: 5 / 31 / 2017$ |
| Weather: Clear | Page No $: 1$ |


|  | Theodore Street Southbound |  |  | SR-60 Westbound Ramps Westbound |  |  | Theodore Street Northbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| 04:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apprch \% | 0 | 0 |  | 0 | 0 |  | 0 | 0 |  |  |


|  | Theodore Street Southbound |  |  | SR-60 Westbound Ramps Westbound |  |  | Theodore Street Northbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
| Peak Hour for Entire In | ction | s at 0 | 0 PM |  |  |  |  |  |  |  |
| 04:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Volume | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| \% App. Total | 0 | 0 |  | 0 | 0 |  | 0 | 0 |  |  |
| PHF | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 |


| City of Moreno Valley | File Name :02_MRV_Theodore_60W PM |
| :--- | :--- |
| N/S: Theodore Street | Site Code :09817323 |
| E/W: SR-60 Westbound Ramps | Start Date $: 5 / 31 / 2017$ |
| Weather: Clear | Page No $: 1$ |



|  | Theodore Street Southbound |  |  | SR-60 Westbound Ramps Westbound |  |  | Theodore Street Northbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
| Peak Hour for Entire In | ction | s at 0 | 0 PM |  |  |  |  |  |  |  |
| 04:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Volume | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| \% App. Total | 0 | 0 |  | 0 | 0 |  | 0 | 0 |  |  |
| PHF | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 |

City of Moreno Valley
N/S: Theodore Street
E/W: SR-60 Westbound Ramps
Weather: Clear

File Name: 02_MRV_Theodore_60W PM
Site Code : 09817323
Start Date : 5/31/2017
Page No : 1

|  | Theodore Street Southbound |  |  | SR-60 Westbound Ramps Westbound |  |  | Theodore Street Northbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| 04:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apprch \% Total \% | 0 | 0 |  | 0 | 0 |  | 0 | 0 |  |  |


|  | Theodore Street Southbound |  |  | SR-60 Westbound Ramps Westbound |  |  | Theodore Street Northbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
| Peak Hour for Entire Intersection Begins at 04:00 PM |  |  |  |  |  |  |  |  |  |  |
| 04:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Volume | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| \% App. Total | 0 | 0 |  | 0 | 0 |  | 0 | 0 |  |  |
| PHF | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 |


| City of Moreno Valley | File Name :02_MRV_Theodore_60W PM |
| :--- | :--- |
| N/S: Theodore Street | Site Code $: 0981732 \overline{3}$ |
| E/W: SR-60 Westbound Ramps | Start Date $: 5 / 31 / 2017$ |
| Weather: Clear | Page No $: 1$ |


|  | Theodore Street Southbound |  |  | SR-60 Westbound Ramps Westbound |  |  | Theodore Street Northbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| 04:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apprch \% | 0 | 0 |  | 0 | 0 |  | 0 | 0 |  |  |


|  | Theodore Street Southbound |  |  | SR-60 Westbound Ramps Westbound |  |  | Theodore Street Northbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
| Peak Hour for Entire In | ction | s at 0 | 0 PM |  |  |  |  |  |  |  |
| 04:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Volume | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| \% App. Total | 0 | 0 |  | 0 | 0 |  | 0 | 0 |  |  |
| PHF | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 |

City of Moreno Valley
N/S: Theodore Street E/W: Ironwood Avenue
Weather: Clear

File Name : 01_MRV_Theodore_Ironwood AM
Site Code : 09817323
Start Date: $5 / 31 / 2017$
Page No : 1

Groups Printed- Cars \& Trailers - Large 2 Axle Vehicles - 3 Axle Vehicles - 4 Axle Trucks - 5 Axle Trucks - $6+$ Axle Trucks - Buses \& RV's Motorcycles - Bicycles - Medium Truck

|  | Ironwood Avenue Westbound |  |  | Theodore Street Northbound |  |  | Ironwood Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| 07:00 AM | 1 | 5 | 6 | 6 | 1 | 7 | 0 | 8 | 8 | 21 |
| 07:15 AM | 0 | 3 | 3 | 5 | 2 | 7 | 5 | 7 | 12 | 22 |
| 07:30 AM | 1 | 6 | 7 | 11 | 2 | 13 | 3 | 6 | 9 | 29 |
| 07:45 AM | 0 | 3 | 3 | 9 | 0 | 9 | 8 | 4 | 12 | 24 |
| Total | 2 | 17 | 19 | 31 | 5 | 36 | 16 | 25 | 41 | 96 |
| 08:00 AM | 2 | 5 | 7 | 5 | 0 | 5 | 10 | 7 | 17 | 29 |
| 08:15 AM | 3 | 4 | 7 | 7 | 1 | 8 | 4 | 5 | 9 | 24 |
| 08:30 AM | 1 | 3 | 4 | 13 | 3 | 16 | 5 | 6 | 11 | 31 |
| 08:45 AM | 2 | 2 | 4 | 6 | 2 | 8 | 4 | 9 | 13 | 25 |
| Total | 8 | 14 | 22 | 31 | 6 | 37 | 23 | 27 | 50 | 109 |
| Grand Total | 10 | 31 | 41 | 62 | 11 | 73 | 39 | 52 | 91 | 205 |
| Apprch \% | 24.4 | 75.6 |  | 84.9 | 15.1 |  | 42.9 | 57.1 |  |  |
| Total \% | 4.9 | 15.1 | 20 | 30.2 | 5.4 | 35.6 | 19 | 25.4 | 44.4 |  |
| Cars \& Trailers | 2 | 25 | 27 | 21 | 3 | 24 | 25 | 6 | 31 | 82 |
| \% Cars \& Trailers | 20 | 80.6 | 65.9 | 33.9 | 27.3 | 32.9 | 64.1 | 11.5 | 34.1 | 40 |
| Large 2 Axle Vehicles | 1 | 0 | 1 | 3 | 1 | 4 | 2 | 5 | 7 | 12 |
| \% Large 2 Axle Vehicles | 10 | 0 | 2.4 | 4.8 | 9.1 | 5.5 | 5.1 | 9.6 | 7.7 | 5.9 |
| 3 Axle Vehicles | 1 | 0 | 1 | 7 | 1 | 8 | 0 | 8 | 8 | 17 |
| \% 3 Axle Vehicles | 10 | 0 | 2.4 | 11.3 | 9.1 | 11 | 0 | 15.4 | 8.8 | 8.3 |
| 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 |
| 5 Axle Trucks | 0 | 0 | 0 | 16 | 1 | 17 | 1 | 19 | 20 | 37 |
| \% 5 Axle Trucks | 0 | 0 | 0 | 25.8 | 9.1 | 23.3 | 2.6 | 36.5 | 22 | 18 |
| 6+ Axle Trucks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| \% 6+ Axle Trucks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Buses \& RV's | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| \% Buses \& RV's | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.9 | 1.1 | 0.5 |
| Motorcycles | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 2 |
| \% Motorcycles | 0 | 0 | 0 | 0 | 0 | 0 | 5.1 | 0 | 2.2 | 1 |
| Bicycles | 2 | 1 | 3 | 0 | 1 | 1 | 1 | 0 | 1 | 5 |
| \% Bicycles | 20 | 3.2 | 7.3 | 0 | 9.1 | 1.4 | 2.6 | 0 | 1.1 | 2.4 |
| Medium Truck | 4 | 5 | 9 | 15 | 4 | 19 | 8 | 13 | 21 | 49 |
| \% Medium Truck | 40 | 16.1 | 22 | 24.2 | 36.4 | 26 | 20.5 | 25 | 23.1 | 23.9 |


|  | Ironwood Avenue Westbound |  |  | Theodore Street Northbound |  |  | Ironwood Avenue Eastbound |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right |  |  |  |

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

| 08:00 AM | 2 | 5 | 7 | 5 |  |  | 10 | 7 | 17 | 29 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 08:15 AM | 3 | 4 | 7 | 7 | 1 | 8 | 4 | 5 | 9 | 24 |
|  |  |  |  |  |  |  |  |  |  |  |
| 08:30 AM | 1 | 3 | 4 | 13 | 3 | 16 | 5 | 6 | 11 | 31 |
| 08:45 AM | 2 | 2 | 4 | 6 | 2 | 8 | 4 | 9 | 13 | 25 |
| Total Volume | 8 | 14 | 22 | 31 | 6 | 37 | 23 | 27 | 50 | 109 |
| \% App. Total | 36.4 | 63.6 |  | 83.8 | 16.2 |  | 46 | 54 |  |  |
| PHF | 667 | 700 | 786 | 596 | 500 | 578 | 575 | 750 | 735 | 879 |

City of Moreno Valley
N/S: Theodore Street E/W: Ironwood Avenue
Weather: Clear

File Name : 01_MRV_Theodore_Ironwood AM
Site Code : 09817323
Start Date: $5 / 31 / 2017$
Page No : 1

|  | Ironwood Avenue Westbound |  |  | Theodore Street Northbound |  |  | Ironwood Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| 07:00 AM | 0 | 5 | 5 | 2 | 0 | 2 | 0 | 0 | 0 | 7 |
| 07:15 AM | 0 | 2 | 2 | 1 | 1 | 2 | 3 | 2 | 5 | 9 |
| 07:30 AM | 1 | 6 | 7 | 4 | 2 | 6 | 3 | 3 | 6 | 19 |
| 07:45 AM | 0 | 1 | 1 | 4 | 0 | 4 | 4 | 0 | 4 | 9 |
| Total | 1 | 14 | 15 | 11 | 3 | 14 | 10 | 5 | 15 | 44 |
| 08:00 AM | 0 | 4 | 4 | 1 | 0 | 1 | 6 | 0 | 6 | 11 |
| 08:15 AM | 0 | 4 | 4 | 2 | 0 | 2 | 4 | 0 | 4 | 10 |
| 08:30 AM | 1 | 2 | 3 | 6 | 0 | 6 | 5 | 1 | 6 | 15 |
| 08:45 AM | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 2 |
| Total | 1 | 11 | 12 | 10 | 0 | 10 | 15 | 1 | 16 | 38 |
| Grand Total | 2 | 25 | 27 | 21 | 3 | 24 | 25 | 6 | 31 | 82 |
| Apprch \% | 7.4 | 92.6 |  | 87.5 | 12.5 |  | 80.6 | 19.4 |  |  |
| Total \% | 2.4 | 30.5 | 32.9 | 25.6 | 3.7 | 29.3 | 30.5 | 7.3 | 37.8 |  |


|  | Ironwood Avenue Westbound |  |  | Theodore Street Northbound |  |  | Ironwood Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| Peak Hour Analysis From 08:00 AM to 08:45 AM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
| Peak Hour for Entire Intersection Begins at 08:00 AM |  |  |  |  |  |  |  |  |  |  |
| 08:00 AM | 0 | 4 | 4 | 1 | 0 | 1 | 6 | 0 | 6 | 11 |
| 08:15 AM | 0 | 4 | 4 | 2 | 0 | 2 | 4 | 0 | 4 | 10 |
| 08:30 AM | 1 | 2 | 3 | 6 | 0 | 6 | 5 | 1 | 6 | 15 |
| 08:45 AM | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 2 |
| Total Volume | 1 | 11 | 12 | 10 | 0 | 10 | 15 | 1 | 16 | 38 |
| \% App. Total | 8.3 | 91.7 |  | 100 | 0 |  | 93.8 | 6.2 |  |  |
| PHF | . 250 | . 688 | . 750 | . 417 | . 000 | . 417 | . 625 | . 250 | . 667 | . 633 |

City of Moreno Valley
N/S: Theodore Street E/W: Ironwood Avenue
Weather: Clear

File Name : 01_MRV_Theodore_Ironwood AM Site Code : 09817323 Start Date: $5 / 31 / 2017$
Page No : 1

|  | Ironwood Avenue Westbound |  |  | Theodore Street Northbound |  |  | Ironwood Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| 07:00 AM | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 |
| 07:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 2 |
| Total | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 2 | 2 | 3 |
| 08:00 AM | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 2 | 4 |
| 08:15 AM | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 2 |
| 08:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 08:45 AM | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 2 | 3 |
| Total | 1 | 0 | 1 | 2 | 1 | 3 | 2 | 3 | 5 | 9 |
| Grand Total | 1 | 0 | 1 | 3 | 1 | 4 | 2 | 5 | 7 | 12 |
| Apprch \% | 100 | 0 |  | 75 | 25 |  | 28.6 | 71.4 |  |  |
| Total \% | 8.3 | 0 | 8.3 | 25 | 8.3 | 33.3 | 16.7 | 41.7 | 58.3 |  |


|  | Ironwood Avenue Westbound |  |  | Theodore Street Northbound |  |  | Ironwood Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| Peak Hour Analysis From 08:00 AM to 08:45 AM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
| Peak Hour for Entire In | ction | s at 0 | OM |  |  |  |  |  |  |  |
| 08:00 AM | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 2 | 4 |
| 08:15 AM | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 2 |
| 08:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 08:45 AM | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 2 | 3 |
| Total Volume | 1 | 0 | 1 | 2 | 1 | 3 | 2 | 3 | 5 | 9 |
| \% App. Total | 100 | 0 |  | 66.7 | 33.3 |  | 40 | 60 |  |  |
| PHF | . 250 | . 000 | . 250 | . 500 | . 250 | . 750 | . 500 | . 750 | . 625 | . 563 |

City of Moreno Valley
N/S: Theodore Street E/W: Ironwood Avenue
Weather: Clear

File Name : 01_MRV_Theodore_Ironwood AM
Site Code : 09817323
Start Date: $5 / 31 / 2017$
Page No : 1

|  | Ironwood Avenue Westbound |  |  | Theodore Street Northbound |  |  | Ironwood Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| 07:00 AM | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 2 |
| 07:15 AM | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 |
| 07:30 AM | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 2 |
| 07:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| Total | 0 | 0 | 0 | 4 | 0 | 4 | 0 | 2 | 2 | 6 |
| 08:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| 08:15 AM | 1 | 0 | 1 | 1 | 1 | 2 | 0 | 0 | 0 | 3 |
| 08:30 AM | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 |
| 08:45 AM | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 5 | 5 | 6 |
| Total | 1 | 0 | 1 | 3 | 1 | 4 | 0 | 6 | 6 | 11 |
| Grand Total | 1 | 0 | 1 | 7 | 1 | 8 | 0 | 8 | 8 | 17 |
| Apprch \% | 100 | 0 |  | 87.5 | 12.5 |  | 0 | 100 |  |  |
| Total \% | 5.9 | 0 | 5.9 | 41.2 | 5.9 | 47.1 | 0 | 47.1 | 47.1 |  |


|  | Ironwood Avenue Westbound |  |  | Theodore Street Northbound |  |  | Ironwood Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| Peak Hour Analysis From 08:00 AM to 08:45 AM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
| Peak Hour for Entire In | ction | ins at 0 | :00 AM |  |  |  |  |  |  |  |
| 08:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| 08:15 AM | 1 | 0 | 1 | 1 | 1 | 2 | 0 | 0 | 0 | 3 |
| 08:30 AM | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 |
| 08:45 AM | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 5 | 5 | 6 |
| Total Volume | 1 | 0 | 1 | 3 | 1 | 4 | 0 | 6 | 6 | 11 |
| \% App. Total | 100 | 0 |  | 75 | 25 |  | 0 | 100 |  |  |
| PHF | . 250 | . 000 | . 250 | . 750 | 250 | . 500 | . 000 | .300 | . 300 | 458 |

City of Moreno Valley
N/S: Theodore Street E/W: Ironwood Avenue
Weather: Clear

File Name : 01_MRV_Theodore_Ironwood AM
Site Code : 09817323
Start Date: 5/31/2017
Page No : 1

|  | Ironwood Avenue Westbound |  |  | Theodore Street Northbound |  |  | Ironwood Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| 07:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 | 0 | 0 | 0 | 0 |
| 08:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Grand Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apprch \% Total \% | 0 | 0 |  | 0 | 0 |  | 0 | 0 |  |  |


|  | Ironwood Avenue Westbound |  |  | Theodore Street Northbound |  |  | Ironwood Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| Peak Hour Analysis From 08:00 AM to 08:45 AM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
| Peak Hour for Entire In | ction | s at 0 | 00 AM |  |  |  |  |  |  |  |
| 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 | 0 | 0 | 0 | 0 |
| 08:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Volume | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| \% App. Total | 0 | 0 |  | 0 | 0 |  | 0 | 0 |  |  |
| PHF | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 |

City of Moreno Valley
N/S: Theodore Street E/W: Ironwood Avenue
Weather: Clear

File Name : 01_MRV_Theodore_Ironwood AM Site Code : 09817323 Start Date: $5 / 31 / 2017$
Page No : 1

|  | Ironwood Avenue Westbound |  |  | Theodore Street Northbound |  |  | Ironwood Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| 07:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 4 | 4 |
| 07:15 AM | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 5 | 6 | 7 |
| 07:30 AM | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 2 | 2 | 7 |
| 07:45 AM | 0 | 0 | 0 | 4 | 0 | 4 | 0 | 1 | 1 | 5 |
| Total | 0 | 0 | 0 | 10 | 0 | 10 | 1 | 12 | 13 | 23 |
| 08:00 AM | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 2 | 2 | 3 |
| 08:15 AM | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 2 | 2 | 3 |
| 08:30 AM | 0 | 0 | 0 | 3 | 1 | 4 | 0 | 1 | 1 | 5 |
| 08:45 AM | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 2 | 2 | 3 |
| Total | 0 | 0 | 0 | 6 | 1 | 7 | 0 | 7 | 7 | 14 |
| Grand Total | 0 | 0 | 0 | 16 | 1 | 17 | 1 | 19 | 20 | 37 |
| Apprch \% | 0 | 0 |  | 94.1 | 5.9 |  | 5 | 95 |  |  |
| Total \% | 0 | 0 | 0 | 43.2 | 2.7 | 45.9 | 2.7 | 51.4 | 54.1 |  |


|  | Ironwood Avenue Westbound |  |  | Theodore Street Northbound |  |  | Ironwood Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| Peak Hour Analysis From 08:00 AM to 08:45 AM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
| Peak Hour for Entire Intersection Begins at 08:00 AM |  |  |  |  |  |  |  |  |  |  |
| 08:00 AM | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 2 | 2 | 3 |
| 08:15 AM | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 2 | 2 | 3 |
| 08:30 AM | 0 | 0 | 0 | 3 | 1 | 4 | 0 | 1 | 1 | 5 |
| 08:45 AM | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 2 | 2 | 3 |
| Total Volume | 0 | 0 | 0 | 6 | 1 | 7 | 0 | 7 | 7 | 14 |
| \% App. Total | 0 | 0 |  | 85.7 | 14.3 |  | 0 | 100 |  |  |
| PHF | . 000 | . 000 | . 000 | . 500 | . 250 | 438 | . 000 | . 875 | . 875 | 700 |

City of Moreno Valley
N/S: Theodore Street E/W: Ironwood Avenue
Weather: Clear

File Name : 01_MRV_Theodore_Ironwood AM
Site Code : 09817323
Start Date: 5/31/2017
Page No : 1

|  | Ironwood Avenue Westbound |  |  | Theodore Street Northbound |  |  | Ironwood Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| 07:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 | 0 | 0 | 0 | 0 |
| 08:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Grand Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apprch \% Total \% | 0 | 0 |  | 0 | 0 |  | 0 | 0 |  |  |


|  | Ironwood Avenue Westbound |  |  | Theodore Street Northbound |  |  | Ironwood Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| Peak Hour Analysis From 08:00 AM to 08:45 AM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
| Peak Hour for Entire In | ction | s at 0 | 00 AM |  |  |  |  |  |  |  |
| 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 | 0 | 0 | 0 | 0 |
| 08:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Volume | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| \% App. Total | 0 | 0 |  | 0 | 0 |  | 0 | 0 |  |  |
| PHF | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 |

City of Moreno Valley
N/S: Theodore Street E/W: Ironwood Avenue
Weather: Clear

File Name : 01_MRV_Theodore_Ironwood AM
Site Code : 09817323
Start Date: 5/31/2017
Page No : 1

|  | Ironwood Avenue Westbound |  |  | Theodore Street Northbound |  |  | Ironwood Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| 07:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 08:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 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 | 0 | 0 | 0 | 1 | 1 | 1 |
| Grand Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| Apprch \% | 0 | 0 |  | 0 | 0 |  | 0 | 100 |  |  |
| Total \% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 |  |


|  | Ironwood Avenue Westbound |  |  | Theodore Street Northbound |  |  | Ironwood Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| Peak Hour Analysis From 08:00 AM to 08:45 AM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
| Peak Hour for Entire Intersection Begins at 08:00 AM |  |  |  |  |  |  |  |  |  |  |
| 08:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 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 Volume | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| \% App. Total | 0 | 0 |  | 0 | 0 |  | 0 | 100 |  |  |
| PHF | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 250 | . 250 | . 250 |

City of Moreno Valley
N/S: Theodore Street E/W: Ironwood Avenue
Weather: Clear

File Name : 01_MRV_Theodore_Ironwood AM Site Code : 09817323 Start Date: 5/31/2017
Page No : 1

|  | Ironwood Avenue Westbound |  |  | Theodore Street Northbound |  |  | Ironwood Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| 07:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 2 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 2 |
| 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 | 0 | 0 | 0 | 0 |
| 08:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Grand Total | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 2 |
| Apprch \% | 0 | 0 |  | 0 | 0 |  | 100 | 0 |  |  |
| Total \% | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 0 | 100 |  |


|  | Ironwood Avenue Westbound |  |  | Theodore Street Northbound |  |  | Ironwood Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |

Peak Hour Analysis From 08:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Entire Intersection Begins at 08:00 AM

| 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 | 0 | 0 | 0 | 0 |
| 08:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Volume | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| \% App. Total | 0 | 0 |  | 0 | 0 |  | 0 | 0 |  |  |
| PHF | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 |

City of Moreno Valley
N/S: Theodore Street E/W: Ironwood Avenue
Weather: Clear

File Name : 01_MRV_Theodore_Ironwood AM Site Code : 09817323 Start Date: 5/31/2017
Page No : 1

|  | Ironwood Avenue Westbound |  |  | Theodore Street Northbound |  |  | Ironwood Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| 07:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07:15 AM | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 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 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 08:00 AM | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 08:15 AM | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 08:30 AM | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 |
| 08:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 |
| Total | 2 | 0 | 2 | 0 | 1 | 1 | 1 | 0 | 1 | 4 |
| 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 |  |


|  | Ironwood Avenue Westbound |  |  | Theodore Street Northbound |  |  | Ironwood Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| Peak Hour Analysis From 08:00 AM to 08:45 AM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
| Peak Hour for Entire In | ction | s at 0 | OM |  |  |  |  |  |  |  |
| 08:00 AM | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 08:15 AM | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 08:30 AM | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 |
| 08:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 |
| Total Volume | 2 | 0 | 2 | 0 | 1 | 1 | 1 | 0 | 1 | 4 |
| \% App. Total | 100 | 0 |  | 0 | 100 |  | 100 | 0 |  |  |
| PHF | . 500 | . 000 | . 500 | . 000 | 250 | . 250 | 250 | . 000 | 250 | 1.00 |

City of Moreno Valley
N/S: Theodore Street E/W: Ironwood Avenue
Weather: Clear

File Name : 01_MRV_Theodore_Ironwood AM Site Code : 09817323 Start Date: 5/31/2017
Page No : 1

|  | Ironwood Avenue Westbound |  |  | Theodore Street Northbound |  |  | Ironwood Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| 07:00 AM | 1 | 0 | 1 | 2 | 1 | 3 | 0 | 3 | 3 | 7 |
| 07:15 AM | 0 | 0 | 0 | 2 | 1 | 3 | 1 | 0 | 1 | 4 |
| 07:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| 07:45 AM | 0 | 2 | 2 | 1 | 0 | 1 | 2 | 0 | 2 | 5 |
| Total | 1 | 2 | 3 | 5 | 2 | 7 | 3 | 4 | 7 | 17 |
| 08:00 AM | 0 | 1 | 1 | 2 | 0 | 2 | 3 | 2 | 5 | 8 |
| 08:15 AM | 1 | 0 | 1 | 2 | 0 | 2 | 0 | 2 | 2 | 5 |
| 08:30 AM | 0 | 1 | 1 | 3 | 1 | 4 | 0 | 4 | 4 | 9 |
| 08:45 AM | 2 | 1 | 3 | 3 | 1 | 4 | 2 | 1 | 3 | 10 |
| Total | 3 | 3 | 6 | 10 | 2 | 12 | 5 | 9 | 14 | 32 |
| Grand Total | 4 | 5 | 9 | 15 | 4 | 19 | 8 | 13 | 21 | 49 |
| Apprch \% | 44.4 | 55.6 |  | 78.9 | 21.1 |  | 38.1 | 61.9 |  |  |
| Total \% | 8.2 | 10.2 | 18.4 | 30.6 | 8.2 | 38.8 | 16.3 | 26.5 | 42.9 |  |


|  | Ironwood Avenue Westbound |  |  | Theodore Street Northbound |  |  | Ironwood Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| Peak Hour Analysis From 08:00 AM to 08:45 AM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
| Peak Hour for Entire Intersection Begins at 08:00 AM |  |  |  |  |  |  |  |  |  |  |
| 08:00 AM | 0 | 1 | 1 | 2 | 0 | 2 | 3 | 2 | 5 | 8 |
| 08:15 AM | 1 | 0 | 1 | 2 | 0 | 2 | 0 | 2 | 2 | 5 |
| 08:30 AM | 0 | 1 | 1 | 3 | 1 | 4 | 0 | 4 | 4 | 9 |
| 08:45 AM | 2 | 1 | 3 | 3 | 1 | 4 | 2 | 1 | 3 | 10 |
| Total Volume | 3 | 3 | 6 | 10 | 2 | 12 | 5 | 9 | 14 | 32 |
| \% App. Total | 50 | 50 |  | 83.3 | 16.7 |  | 35.7 | 64.3 |  |  |
| PHF | . 375 | . 750 | . 500 | . 833 | . 500 | . 750 | 417 | . 563 | . 700 | . 800 |

City of Moreno Valley
N/S: Theodore Street E/W: Ironwood Avenue
Weather: Clear

File Name : 01_MRV_Theodore_Ironwood PM
Site Code : 09817323
Start Date: $5 / 31 / 2017$
Page No : 1

Groups Printed- Cars \& Trailers - Large 2 Axle Vehicles - 3 Axle Vehicles - 4 Axle Trucks - 5 Axle Trucks - $6+$ Axle Trucks - Buses \& RV's Motorcycles - Bicycles - Medium Truck

|  | Ironwood Avenue Westbound |  |  | Theodore Street Northbound |  |  | Ironwood Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| 04:00 PM | 1 | 6 | 7 | 9 | 1 | 10 | 2 | 6 | 8 | 25 |
| 04:15 PM | 0 | 7 | 7 | 10 | 1 | 11 | 6 | 3 | 9 | 27 |
| 04:30 PM |  | 8 | 9 | 11 | 4 | 15 | 4 | 3 | 7 | 31 |
| 04:45 PM | 1 | 2 | 3 | 10 | 0 | 10 | 4 | 1 | 5 | 18 |
| Total | 3 | 23 | 26 | 40 | 6 | 46 | 16 | 13 | 29 | 101 |
| 05:00 PM | 1 | 6 | 7 | 2 | 1 | 3 | 6 | 0 | 6 | 16 |
| 05:15 PM | 0 | 6 | 6 | 2 | 1 | 3 | 4 | 0 | 4 | 13 |
| 05:30 PM | 1 | 2 | 3 | 7 | 0 | 7 | 6 | 1 | 7 | 17 |
| 05:45 PM | 0 | 3 | 3 | 1 | 0 | 1 | 3 | 2 | 5 | 9 |
| Total | 2 | 17 | 19 | 12 | 2 | 14 | 19 | 3 | 22 | 55 |
| Grand Total | 5 | 40 | 45 | 52 | 8 | 60 | 35 | 16 | 51 | 156 |
| Apprch \% | 11.1 | 88.9 |  | 86.7 | 13.3 |  | 68.6 | 31.4 |  |  |
| Total \% | 3.2 | 25.6 | 28.8 | 33.3 | 5.1 | 38.5 | 22.4 | 10.3 | 32.7 |  |
| Cars \& Trailers | 2 | 25 | 27 | 21 | 3 | 24 | 25 | 6 | 31 | 82 |
| \% Cars \& Trailers | 40 | 62.5 | 60 | 40.4 | 37.5 | 40 | 71.4 | 37.5 | 60.8 | 52.6 |
| Large 2 Axle Vehicles | 0 | 1 | 1 | 2 | 0 | 2 | 0 | 0 | 0 | 3 |
| \% Large 2 Axle Vehicles | 0 | 2.5 | 2.2 | 3.8 | 0 | 3.3 | 0 | 0 | 0 | 1.9 |
| 3 Axle Vehicles | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 2 | 2 | 7 |
| \% 3 Axle Vehicles | 0 | 0 | 0 | 9.6 | 0 | 8.3 | 0 | 12.5 | 3.9 | 4.5 |
| 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 |
| 5 Axle Trucks | 0 | 0 | 0 | 4 | 0 | 4 | 1 | 2 | 3 | 7 |
| \% 5 Axle Trucks | 0 | 0 | 0 | 7.7 | 0 | 6.7 | 2.9 | 12.5 | 5.9 | 4.5 |
| 6+ Axle Trucks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| \% 6+ Axle Trucks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Buses \& RV's | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| \% Buses \& RV's | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Motorcycles | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| \% Motorcycles | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bicycles | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 |
| \% Bicycles | 0 | 0 | 0 | 0 | 12.5 | 1.7 | 0 | 0 | 0 | 0.6 |
| Medium Truck | 3 | 14 | 17 | 20 | 4 | 24 | 9 | 6 | 15 | 56 |
| \% Medium Truck | 60 | 35 | 37.8 | 38.5 | 50 | 40 | 25.7 | 37.5 | 29.4 | 35.9 |


|  | Ironwood Avenue Westbound |  |  | Theodore Street Northbound |  |  | Ironwood Avenue Eastbound |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right |  |

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

| 04:00 PM | 1 | 6 | 7 | 9 | 1 | 10 | 2 | 6 | 8 | 25 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 04:15 PM | 0 | 7 | 7 | 10 | 1 | 11 | 6 | 3 | 9 | 27 |
| 04:30 PM | 1 | 8 | 9 | 11 | 4 | 15 | 4 | 3 | 7 | 31 |
| 04:45 PM | 1 | 2 | 3 | 10 | 0 | 10 | 4 | 1 | 5 | 18 |
| Total Volume | 3 | 23 | 26 | 40 | 6 | 46 | 16 | 13 | 29 | 101 |
| \% App. Total | 11.5 | 88.5 |  | 87 | 13 |  | 55.2 | 44.8 |  |  |
| PHF | 750 | 719 | 722 | 909 | 375 | 767 | 667 | 542 | 806 | 815 |

City of Moreno Valley
N/S: Theodore Street E/W: Ironwood Avenue
Weather: Clear

File Name : 01_MRV_Theodore_Ironwood PM Site Code : 09817323
Start Date: $5 / 31 / 2017$
Page No : 1

|  | Ironwood Avenue Westbound |  |  | Theodore Street Northbound |  |  | Ironwood Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| 04:00 PM | 0 | 5 | 5 | 2 | 0 | 2 | 0 | 0 | 0 | 7 |
| 04:15 PM | 0 | 2 | 2 | 1 | 1 | 2 | 3 | 2 | 5 | 9 |
| 04:30 PM | 1 | 6 | 7 | 4 | 2 | 6 | 3 | 3 | 6 | 19 |
| 04:45 PM | 0 | 1 | 1 | 4 | 0 | 4 | 4 | 0 | 4 | 9 |
| Total | 1 | 14 | 15 | 11 | 3 | 14 | 10 | 5 | 15 | 44 |
| 05:00 PM | 0 | 4 | 4 | 1 | 0 | 1 | 6 | 0 | 6 | 11 |
| 05:15 PM | 0 | 4 | 4 | 2 | 0 | 2 | 4 | 0 | 4 | 10 |
| 05:30 PM | 1 | 2 | 3 | 6 | 0 | 6 | 5 | 1 | 6 | 15 |
| 05:45 PM | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 2 |
| Total | 1 | 11 | 12 | 10 | 0 | 10 | 15 | 1 | 16 | 38 |
| Grand Total | 2 | 25 | 27 | 21 | 3 | 24 | 25 | 6 | 31 | 82 |
| Apprch \% | 7.4 | 92.6 |  | 87.5 | 12.5 |  | 80.6 | 19.4 |  |  |
| Total \% | 2.4 | 30.5 | 32.9 | 25.6 | 3.7 | 29.3 | 30.5 | 7.3 | 37.8 |  |


|  | Ironwood Avenue Westbound |  |  | Theodore Street Northbound |  |  | Ironwood Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |

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

| 04:00 PM | 0 | 5 | 5 | 2 | 0 | 2 | 0 | 0 | 0 | 7 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 04:15 PM | 0 | 2 | 2 | 1 | 1 | 2 | 3 | 2 | 5 | 9 |
| 04:30 PM | 1 | 6 | 7 | 4 | 2 | 6 | 3 | 3 | 6 | 19 |
| 04:45 PM | 0 | 1 | 1 | 4 | 0 | 4 | 4 | 0 | 4 | 9 |
| Total Volume | 1 | 14 | 15 | 11 | 3 | 14 | 10 | 5 | 15 | 44 |
| \% App. Total | 6.7 | 93.3 |  | 78.6 | 21.4 |  | 66.7 | 33.3 |  |  |
| PHF | . 250 | . 583 | . 536 | . 688 | . 375 | . 583 | . 625 | . 417 | . 625 | . 579 |


| City of Moreno Valley | File Name :01_MRV_Theodore_Ironwood PM |
| :--- | :--- |
| N/S: Theodore Street | Site Code $: 0981732 \overline{3}$ |
| E/W: Ironwood Avenue | Start Date $: 5 / 31 / 2017$ |
| Weather: Clear | Page No $: 1$ |

Groups Printed- Large 2 Axle Vehicles

|  | Ironwood Avenue Westbound |  |  | Theodore Street Northbound |  |  | Ironwood Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| 04:00 PM | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 |
| 04:15 PM | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 |
| 04:30 PM | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 1 | 1 | 2 | 0 | 2 | 0 | 0 | 0 | 3 |
| 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 | 0 | 1 | 1 | 2 | 0 | 2 | 0 | 0 | 0 | 3 |
| Apprch \% | 0 | 100 |  | 100 | 0 |  | 0 | 0 |  |  |
| Total \% | 0 | 33.3 | 33.3 | 66.7 | 0 | 66.7 | 0 | 0 | 0 |  |


|  | Ironwood Avenue Westbound |  |  | Theodore Street Northbound |  |  | Ironwood Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |

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

| 04:00 PM | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 04:15 PM | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 |
| 04:30 PM | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Volume | 0 | 1 | 1 | 2 | 0 | 2 | 0 | 0 | 0 | 3 |
| \% App. Total | 0 | 100 |  | 100 | 0 |  | 0 | 0 |  |  |
| PHF | . 000 | . 250 | . 250 | . 500 | . 000 | . 500 | . 000 | . 000 | . 000 | . 750 |

City of Moreno Valley
N/S: Theodore Street E/W: Ironwood Avenue
Weather: Clear

File Name : 01_MRV_Theodore_Ironwood PM Site Code : 09817323 Start Date : 5/31/2017
Page No : 1

|  | Ironwood Avenue Westbound |  |  | Theodore Street Northbound |  |  | Ironwood Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| 04:00 PM | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 2 | 2 | 4 |
| 04:15 PM | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 |
| 04:30 PM | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 2 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 2 | 2 | 7 |
| 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 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 2 | 2 | 7 |
| Apprch \% | 0 | 0 |  | 100 | 0 |  | 0 | 100 |  |  |
| Total \% | 0 | 0 | 0 | 71.4 | 0 | 71.4 | 0 | 28.6 | 28.6 |  |


|  | Ironwood Avenue Westbound |  |  | Theodore Street Northbound |  |  | Ironwood Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| 04:00 PM | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 2 | 2 | 4 |
| 04:15 PM | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 |
| 04:30 PM | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 2 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Volume | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 2 | 2 | 7 |
| \% App. Total | 0 | 0 |  | 100 | 0 |  | 0 | 100 |  |  |
| PHF | . 000 | . 000 | . 000 | . 625 | . 000 | . 625 | . 000 | . 250 | 250 | 438 |

City of Moreno Valley
N/S: Theodore Street E/W: Ironwood Avenue
Weather: Clear

File Name : 01_MRV_Theodore_Ironwood PM Site Code : 09817323 Start Date: 5/31/2017
Page No : 1

|  | Ironwood Avenue Westbound |  |  | Theodore Street Northbound |  |  | Ironwood Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| 04:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apprch \% Total \% | 0 | 0 |  | 0 | 0 |  | 0 | 0 |  |  |



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

|  |  |  |  |  |  |  |  |  |  |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $04: 00 \mathrm{PM}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $04: 15 \mathrm{PM}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $04: 30 \mathrm{PM}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $04: 45 \mathrm{PM}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Volume | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| \% App. Total | 0 | 0 |  | 0 | 0 |  | 0 | 0 |  |
| PHF | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 0 |

City of Moreno Valley
N/S: Theodore Street E/W: Ironwood Avenue
Weather: Clear

File Name : 01_MRV_Theodore_Ironwood PM Site Code : 09817323 Start Date: 5/31/2017
Page No : 1

|  | Ironwood Avenue Westbound |  |  | Theodore Street Northbound |  |  | Ironwood Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| 04:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 |
| 04:15 PM | 0 | 0 | 0 | 3 | 0 | 3 | 0 | 0 | 0 | 3 |
| 04:30 PM | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| Total | 0 | 0 | 0 | 4 | 0 | 4 | 1 | 1 | 2 | 6 |
| 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 | 1 | 1 | 1 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| Grand Total | 0 | 0 | 0 | 4 | 0 | 4 | 1 | 2 | 3 | 7 |
| Apprch \% | 0 | 0 |  | 100 | 0 |  | 33.3 | 66.7 |  |  |
| Total \% | 0 | 0 | 0 | 57.1 | 0 | 57.1 | 14.3 | 28.6 | 42.9 |  |


|  | Ironwood Avenue Westbound |  |  | Theodore Street Northbound |  |  | Ironwood Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| 04:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 |
| 04:15 PM | 0 | 0 | 0 | 3 | 0 | 3 | 0 | 0 | 0 | 3 |
| 04:30 PM | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| Total Volume | 0 | 0 | 0 | 4 | 0 | 4 | 1 | 1 | 2 | 6 |
| \% App. Total | 0 | 0 |  | 100 | 0 |  | 50 | 50 |  |  |
| PHF | . 000 | . 000 | . 000 | . 333 | . 000 | . 333 | 250 | 250 | . 500 | . 500 |

City of Moreno Valley
N/S: Theodore Street E/W: Ironwood Avenue
Weather: Clear

File Name : 01_MRV_Theodore_Ironwood PM Site Code : 09817323 Start Date: 5/31/2017
Page No : 1

|  | Ironwood Avenue Westbound |  |  | Theodore Street Northbound |  |  | Ironwood Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| 04:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apprch \% Total \% | 0 | 0 |  | 0 | 0 |  | 0 | 0 |  |  |


|  | Ironwood Avenue Westbound |  |  | Theodore Street Northbound |  |  | Ironwood Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
| Peak Hour for Entire In | ction | s at 0 | 0 PM |  |  |  |  |  |  |  |
| 04:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Volume | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| \% App. Total | 0 | 0 |  | 0 | 0 |  | 0 | 0 |  |  |
| PHF | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 | . 000 |

City of Moreno Valley
N/S: Theodore Street E/W: Ironwood Avenue
Weather: Clear

File Name : 01_MRV_Theodore_Ironwood PM Site Code : 09817323 Start Date: 5/31/2017
Page No : 1

|  | Ironwood Avenue Westbound |  |  | Theodore Street Northbound |  |  | Ironwood Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| 04:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apprch \% Total \% | 0 | 0 |  | 0 | 0 |  | 0 | 0 |  |  |



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

|  |  |  |  |  |  |  |  |  |  |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $04: 00 \mathrm{PM}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $04: 15 \mathrm{PM}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $04: 30 \mathrm{PM}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $04: 45 \mathrm{PM}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Volume | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| \% App. Total | 0 | 0 |  | 0 | 0 |  | 0 | 0 |  |
| PHF | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 0 |

City of Moreno Valley
N/S: Theodore Street E/W: Ironwood Avenue
Weather: Clear

File Name : 01_MRV_Theodore_Ironwood PM Site Code : 09817323 Start Date: 5/31/2017
Page No : 1

|  | Ironwood Avenue Westbound |  |  | Theodore Street Northbound |  |  | Ironwood Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| 04:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apprch \% Total \% | 0 | 0 |  | 0 | 0 |  | 0 | 0 |  |  |


|  | Ironwood Avenue Westbound |  |  | Theodore Street Northbound |  |  | Ironwood Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |

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

|  |  |  |  |  |  |  |  |  |  |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $04: 00 \mathrm{PM}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $04: 15 \mathrm{PM}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $04: 30 \mathrm{PM}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $04: 45 \mathrm{PM}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Volume | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| \% App. Total | 0 | 0 |  | 0 | 0 |  | 0 | 0 |  |
| PHF | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 0 |

City of Moreno Valley
N/S: Theodore Street E/W: Ironwood Avenue
Weather: Clear

File Name : 01_MRV_Theodore_Ironwood PM Site Code : 09817323 Start Date: 5/31/2017
Page No : 1

|  | Ironwood Avenue Westbound |  |  | Theodore Street Northbound |  |  | Ironwood Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| 04:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:30 PM | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 |
| 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 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 |
| Apprch \% | 0 | 0 |  | 0 | 100 |  | 0 | 0 |  |  |
| Total \% | 0 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |  |


|  | Ironwood Avenue Westbound |  |  | Theodore Street Northbound |  |  | Ironwood Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |

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

| 04:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 04:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:30 PM | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Volume | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 |
| \% App. Total | 0 | 0 |  | 0 | 100 |  | 0 | 0 |  |  |
| PHF | . 000 | . 000 | . 000 | . 000 | . 250 | . 250 | . 000 | 000 | . 000 | . 250 |

City of Moreno Valley
N/S: Theodore Street E/W: Ironwood Avenue
Weather: Clear

File Name : 01_MRV_Theodore_Ironwood PM Site Code : 09817323 Start Date: 5/31/2017
Page No : 1

|  | Ironwood Avenue Westbound |  |  | Theodore Street Northbound |  |  | Ironwood Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| 04:00 PM | 1 | 1 | 2 | 4 | 1 | 5 | 1 | 4 | 5 | 12 |
| 04:15 PM | 0 | 5 | 5 | 4 | 0 | 4 | 3 | 1 | 4 | 13 |
| 04:30 PM | 0 | 1 | 1 | 4 | 1 | 5 | 1 | 0 | 1 | 7 |
| 04:45 PM | 1 | 1 | 2 | 6 | 0 | 6 | 0 | 0 | 0 | 8 |
| Total | 2 | 8 | 10 | 18 | 2 | 20 | 5 | 5 | 10 | 40 |
| 05:00 PM | 1 | 2 | 3 | 1 | 1 | 2 | 0 | 0 | 0 | 5 |
| 05:15 PM | 0 | 2 | 2 | 0 | 1 | 1 | 0 | 0 | 0 | 3 |
| 05:30 PM | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 2 |
| 05:45 PM | 0 | 2 | 2 | 0 | 0 | 0 | 3 | 1 | 4 | 6 |
| Total | 1 | 6 | 7 | 2 | 2 | 4 | 4 | 1 | 5 | 16 |
| Grand Total | 3 | 14 | 17 | 20 | 4 | 24 | 9 | 6 | 15 | 56 |
| Apprch \% | 17.6 | 82.4 |  | 83.3 | 16.7 |  | 60 | 40 |  |  |
| Total \% | 5.4 | 25 | 30.4 | 35.7 | 7.1 | 42.9 | 16.1 | 10.7 | 26.8 |  |


|  | Ironwood Avenue Westbound |  |  | Theodore Street Northbound |  |  | Ironwood Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | App. Total | Left | Right | App. Total | Thru | Right | App. Total | Int. Total |
| Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1 |  |  |  |  |  |  |  |  |  |  |
| Peak Hour for Entire In | ction | s at 0 | 0 PM |  |  |  |  |  |  |  |
| 04:00 PM | 1 | 1 | 2 | 4 | 1 | 5 | 1 | 4 | 5 | 12 |
| 04:15 PM | 0 | 5 | 5 | 4 | 0 | 4 | 3 | 1 | 4 | 13 |
| 04:30 PM | 0 | 1 | 1 | 4 | 1 | 5 | 1 | 0 | 1 | 7 |
| 04:45 PM | 1 | 1 | 2 | 6 | 0 | 6 | 0 | 0 | 0 | 8 |
| Total Volume | 2 | 8 | 10 | 18 | 2 | 20 | 5 | 5 | 10 | 40 |
| \% App. Total | 20 | 80 |  | 90 | 10 |  | 50 | 50 |  |  |
| PHF | . 500 | . 400 | . 500 | . 750 | . 500 | . 833 | 417 | . 313 | . 500 | . 769 |

## INTERSECTION \#5 AM

Start Date: 1/30/2018
Comment 1: City of Moreno Valley
Comment 2: N/S: Redlands Boulevard
Comment 3: E/W: Eucalyptus Avenue
Comment 4: Weather: Clear

| Cars | Redlands Boulevard Southbound |  |  |  | Eucalyptus Avenue Westbound |  |  |  | Redlands Boulevard Northbound |  |  |  | Eucalyptus Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds |
| 07:00 AM | 0 | 59 | 6 | 0 | 1 | 0 | 2 | 0 | 9 | 132 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07:15 AM | 0 | 66 | 6 | 0 | 0 | 0 | 4 | 0 | 3 | 140 | 0 | 0 | 3 | 0 | 2 | 0 |
| 07:30 AM | 0 | 91 | 8 | 0 | 1 | 0 | 1 | 0 | 2 | 100 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07:45 AM | 0 | 92 | 7 | 0 | 1 | 0 | 2 | 0 | 5 | 101 | 0 | 0 | 2 | 0 | 0 | 0 |
| 08:00 AM | 1 | 80 | 6 | 0 | 0 | 0 | 2 | 0 | 4 | 83 | 0 | 0 | 6 | 0 | 1 | 0 |
| 08:15 AM | 3 | 64 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 94 | 3 | 0 | 4 | 0 | 2 | 0 |
| 08:30 AM | 1 | 61 | 2 | 0 | 1 | 0 | 20 | 0 | 2 | 78 | 0 | 0 | 2 | 0 | 4 | 0 |
| 08:45 AM | 0 | 38 | 3 | 0 | 1 | 0 | 31 | 0 | 0 | 59 | 0 | 0 | 6 | 0 | 0 | 0 |


| 2-Axle Trucks | Redlands Boulevard Southbound |  |  |  | Eucalyptus Avenue Westbound |  |  |  | Redlands Boulevard Northbound |  |  |  | Eucalyptus Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds |
| 07:00 AM | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07:15 AM | 0 | 2 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07:45 AM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 08:00 AM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 08:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 08:30 AM | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 08:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |


| 3-Axle Trucks | Redlands Boulevard Southbound |  |  |  | Eucalyptus Avenue Westbound |  |  |  | Redlands Boulevard Northbound |  |  |  | Eucalyptus Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds |
| 07:00 AM | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07:15 AM | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 07:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07:45 AM | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 08:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 08:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 08:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 08:45 AM | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |


| 4+ Axle Trucks | Redlands Boulevard Southbound |  |  |  | Eucalyptus Avenue Westbound |  |  |  | Redlands Boulevard Northbound |  |  |  | Eucalyptus Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds |
| 07:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 07:15 AM | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| 07:30 AM | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 07:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 08:00 AM | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 08:15 AM | 0 | 0 | 1 | 0 | 0 | 0 | 3 | 0 | 0 | 2 | 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 |
| 08:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |

## INTERSECTION \#5 PM

Start Date: 1/30/2018
Comment 1: City of Moreno Valley
Comment 2: N/S: Redlands Boulevard
Comment 3: E/W: Eucalyptus Avenue
Comment 4: Weather: Clear

| Cars | Redlands Boulevard Southbound |  |  |  | Eucalyptus Avenue Westbound |  |  |  | Redlands Boulevard Northbound |  |  |  | Eucalyptus Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds |
| 04:00 PM | 0 | 114 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 84 | 0 | 0 | 6 | 0 | 3 | 0 |
| 04:15 PM | 1 | 99 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | 92 | 0 | 0 | 13 | 0 | 5 | 0 |
| 04:30 PM | 0 | 125 | 0 | 0 | 0 | 0 | 11 | 0 | 0 | 83 | 0 | 0 | 3 | 1 | 1 | 0 |
| 04:45 PM | 1 | 134 | 1 | 0 | 0 | 0 | 4 | 0 | 0 | 96 | 1 | 0 | 8 | 0 | 2 | 0 |
| 05:00 PM | 0 | 118 | 0 | 0 | 2 | 0 | 9 | 0 | 0 | 94 | 0 | 0 | 2 | 0 | 5 | 0 |
| 05:15 PM | 0 | 119 | 3 | 0 | 0 | 0 | 4 | 0 | 0 | 103 | 0 | 0 | 7 | 0 | 0 | 0 |
| 05:30 PM | 0 | 136 | 2 | 0 | 0 | 0 | 10 | 0 | 0 | 91 | 0 | 0 | 5 | 0 | 0 | 0 |
| 05:45 PM | 0 | 116 | 0 | 0 | 0 | 0 | 9 | 0 | 1 | 72 | 0 | 0 | 3 | 0 | 1 | 0 |


| 2-Axle Trucks | Redlands Boulevard Southbound |  |  |  | Eucalyptus Avenue Westbound |  |  |  | Redlands Boulevard Northbound |  |  |  | Eucalyptus Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds |
| 04:00 PM | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 04:15 PM | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:30 PM | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:45 PM | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 05:00 PM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 05:15 PM | 0 | 3 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 05:30 PM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 05:45 PM | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |


| 3-Axle Trucks | Redlands Boulevard Southbound |  |  |  | Eucalyptus Avenue Westbound |  |  |  | Redlands Boulevard Northbound |  |  |  | Eucalyptus Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds |
| 04:00 PM | 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 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 04:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 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 |
| 05:15 PM | 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 |
| 05:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |


| 4+ Axle Trucks | Redlands Boulevard Southbound |  |  |  | Eucalyptus Avenue Westbound |  |  |  | Redlands Boulevard Northbound |  |  |  | Eucalyptus Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds |
| 04:00 PM | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 04:30 PM | 0 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 05:00 PM | 0 | 0 | 2 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 05:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 05:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 05:45 PM | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

## INTERSECTION \#6 AM

Start Date: 1/30/2018
Comment 1: City of Moreno Valley
Comment 2: N/S: Redlands Boulevard
Comment 3: E/W: SR-60 Eastbound Ramps
Comment 4: Weather: Clear

| Cars | Redlands Boulevard Southbound |  |  |  | Dead End Westbound |  |  |  | Redlands Boulevard Northbound |  |  |  | SR-60 Eastbound Ramps Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds |
| 07:00 AM | 0 | 48 | 4 | 0 | 0 | 0 | 0 | 0 | 10 | 140 | 0 | 0 | 50 | 0 | 11 | 0 |
| 07:15 AM | 0 | 63 | 10 | 0 | 0 | 0 | 0 | 0 | 16 | 105 | 0 | 0 | 39 | 0 | 10 | 0 |
| 07:30 AM | 0 | 79 | 4 | 0 | 0 | 0 | 0 | 0 | 14 | 95 | 0 | 0 | 35 | 0 | 25 | 0 |
| 07:45 AM | 0 | 85 | 7 | 0 | 0 | 0 | 0 | 0 | 17 | 82 | 0 | 0 | 49 | 0 | 17 | 0 |
| 08:00 AM | 0 | 70 | 7 | 0 | 0 | 0 | 0 | 0 | 15 | 77 | 0 | 0 | 64 | 0 | 16 | 0 |
| 08:15 AM | 0 | 46 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 83 | 0 | 0 | 72 | 0 | 21 | 0 |
| 08:30 AM | 0 | 42 | 8 | 0 | 0 | 0 | 0 | 0 | 9 | 106 | 0 | 0 | 61 | 0 | 12 | 0 |
| 08:45 AM | 0 | 28 | 4 | 0 | 0 | 0 | 0 | 0 | 10 | 78 | 0 | 0 | 72 | 0 | 16 | 0 |


| 2-Axle Trucks | Redlands Boulevard Southbound |  |  |  | Dead End Westbound |  |  |  | Redlands Boulevard Northbound |  |  |  | SR-60 Eastbound Ramps Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds |
| 07:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 07:15 AM | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 |
| 07:30 AM | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 2 | 0 | 2 | 0 |
| 07:45 AM | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 4 | 0 | 0 | 0 |
| 08:00 AM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 08:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 |
| 08:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 2 | 0 | 1 | 0 |
| 08:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 |


| 3-Axle Trucks | Redlands Boulevard Southbound |  |  |  | Dead End Westbound |  |  |  | Redlands Boulevard Northbound |  |  |  | SR-60 Eastbound Ramps Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds |
| 07:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| 07:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 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 |
| 07:45 AM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 08:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 08:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 08:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 08:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 |


| 4+ Axle Trucks | Redlands Boulevard Southbound |  |  |  | Dead End Westbound |  |  |  | Redlands Boulevard Northbound |  |  |  | SR-60 Eastbound Ramps Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds |
| 07:00 AM | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 1 | 0 | 2 | 0 |
| 07:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 3 | 0 | 1 | 0 |
| 07:45 AM | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 |
| 08:00 AM | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 2 | 0 | 2 | 0 |
| 08:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 1 | 0 | 0 | 0 |
| 08:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 |
| 08:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 |

## INTERSECTION \#6 PM

Start Date: 1/30/2018
Comment 1: City of Moreno Valley
Comment 2: N/S: Redlands Boulevard
Comment 3: E/W: SR-60 Eastbound Ramps
Comment 4: Weather: Clear

| Cars | Redlands Boulevard Southbound |  |  |  | Dead End Westbound |  |  |  | Redlands Boulevard Northbound |  |  |  | SR-60 Eastbound Ramps Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds |
| 04:00 PM | 0 | 85 | 8 | 0 | 0 | 0 | 0 | 0 | 10 | 84 | 0 | 0 | 95 | 0 | 26 | 0 |
| 04:15 PM | 0 | 75 | 12 | 0 | 0 | 0 | 0 | 0 | 14 | 92 | 0 | 0 | 98 | 0 | 35 | 0 |
| 04:30 PM | 0 | 93 | 9 | 0 | 0 | 0 | 0 | 0 | 10 | 79 | 0 | 0 | 102 | 0 | 31 | 0 |
| 04:45 PM | 0 | 93 | 13 | 0 | 0 | 0 | 0 | 0 | 20 | 90 | 0 | 0 | 103 | 0 | 33 | 0 |
| 05:00 PM | 0 | 97 | 9 | 0 | 0 | 0 | 0 | 0 | 14 | 87 | 0 | 0 | 110 | 0 | 33 | 0 |
| 05:15 PM | 0 | 107 | 6 | 0 | 0 | 0 | 0 | 0 | 14 | 92 | 0 | 0 | 104 | 0 | 26 | 0 |
| 05:30 PM | 0 | 103 | 13 | 0 | 0 | 0 | 0 | 0 | 5 | 104 | 0 | 0 | 99 | 0 | 24 | 0 |
| 05:45 PM | 0 | 87 | 10 | 0 | 0 | 0 | 0 | 0 | 10 | 70 | 0 | 0 | 109 | 0 | 25 | 0 |


| 2-Axle Trucks | Redlands Boulevard Southbound |  |  |  | Dead End Westbound |  |  |  | Redlands Boulevard Northbound |  |  |  | SR-60 Eastbound Ramps Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds |
| 04:00 PM | 0 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 0 | 0 | 1 | 0 | 2 | 0 |
| 04:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 |
| 04:30 PM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 1 | 0 | 2 | 0 |
| 04:45 PM | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 2 | 0 | 2 | 0 |
| 05:00 PM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 05:15 PM | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 05:30 PM | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 |
| 05:45 PM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 2 | 0 |


| 3-Axle Trucks | Redlands Boulevard Southbound |  |  |  | Dead End Westbound |  |  |  | Redlands Boulevard Northbound |  |  |  | SR-60 Eastbound Ramps Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds |
| 04:00 PM | 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 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 |
| 05:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 05:15 PM | 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 |
| 05:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |


| 4+ Axle Trucks | Redlands Boulevard Southbound |  |  |  | Dead End Westbound |  |  |  | Redlands Boulevard Northbound |  |  |  | SR-60 Eastbound Ramps Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds |
| 04:00 PM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 0 |
| 04:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 0 | 1 | 0 |
| 04:30 PM | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 0 |
| 05:00 PM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 05:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 |
| 05:30 PM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 05:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

## INTERSECTION \#7 AM

Start Date: 1/30/2018
Comment 1: City of Moreno Valley
Comment 2: N/S: Redlands Boulevard
Comment 3: E/W: Spruce Avenue/SR-60 Westbound Ramps
Comment 4: Weather: Clear

| Cars | Redlands Boulevard Southbound |  |  |  | SR-60 Westbound Ramps Westbound |  |  |  | Redlands Boulevard Northbound |  |  |  | Spruce Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds |
| 07:00 AM | 61 | 42 | 0 | 0 | 5 | 0 | 10 | 0 | 1 | 156 | 26 | 0 | 0 | 0 | 1 | 0 |
| 07:15 AM | 72 | 64 | 1 | 0 | 11 | 0 | 5 | 0 | 1 | 123 | 27 | 0 | 0 | 3 | 0 | 0 |
| 07:30 AM | 73 | 80 | 0 | 0 | 10 | 0 | 9 | 0 | 2 | 105 | 26 | 0 | 0 | 0 | 2 | 0 |
| 07:45 AM | 76 | 72 | 1 | 0 | 9 | 0 | 12 | 0 | 7 | 101 | 14 | 0 | 1 | 1 | 1 | 0 |
| 08:00 AM | 61 | 55 | 0 | 0 | 11 | 0 | 5 | 0 | 4 | 123 | 20 | 0 | 1 | 0 | 3 | 0 |
| 08:15 AM | 53 | 46 | 0 | 0 | 8 | 0 | 4 | 0 | 0 | 137 | 17 | 0 | 0 | 2 | 1 | 0 |
| 08:30 AM | 53 | 38 | 1 | 0 | 7 | 0 | 9 | 0 | 3 | 122 | 44 | 0 | 1 | 0 | 0 | 0 |
| 08:45 AM | 38 | 26 | 3 | 0 | 3 | 0 | 5 | 0 | 0 | 108 | 39 | 0 | 3 | 0 | 0 | 0 |


| 2-Axle Trucks | Redlands Boulevard Southbound |  |  |  | SR-60 Westbound Ramps Westbound |  |  |  | Redlands Boulevard Northbound |  |  |  | Spruce Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds |
| 07:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07:15 AM | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 |
| 07:30 AM | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 |
| 07:45 AM | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 1 | 0 | 0 | 0 |
| 08:00 AM | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 0 |
| 08:15 AM | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 |
| 08:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 08:45 AM | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |


| 3-Axle Trucks | Redlands Boulevard Southbound |  |  |  | SR-60 Westbound Ramps Westbound |  |  |  | Redlands Boulevard Northbound |  |  |  | Spruce Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds |
| 07:00 AM | 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 | 1 | 0 | 0 |
| 07:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07:45 AM | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 08:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 08:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 08:30 AM | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 08:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 |


| 4+ Axle Trucks | Redlands Boulevard Southbound |  |  |  | SR-60 Westbound Ramps Westbound |  |  |  | Redlands Boulevard Northbound |  |  |  | Spruce Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds |
| 07:00 AM | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 07:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 0 |
| 07:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 |
| 07:45 AM | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 |
| 08:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 |
| 08:15 AM | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 |
| 08:30 AM | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 08:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |

## INTERSECTION \#7 PM

Start Date: 1/30/2018
Comment 1: City of Moreno Valley
Comment 2: N/S: Redlands Boulevard
Comment 3: E/W: Spruce Avenue/SR-60 Westbound Ramps
Comment 4: Weather: Clear

| Cars | Redlands Boulevard Southbound |  |  |  | SR-60 Westbound Ramps Westbound |  |  |  | Redlands Boulevard Northbound |  |  |  | Spruce Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds |
| 04:00 PM | 71 | 82 | 0 | 0 | 12 | 0 | 9 | 0 | 1 | 153 | 27 | 0 | 0 | 2 | 2 | 0 |
| 04:15 PM | 73 | 80 | 0 | 0 | 8 | 0 | 7 | 0 | 4 | 158 | 29 | 0 | 1 | 2 | 2 | 0 |
| 04:30 PM | 74 | 92 | 1 | 0 | 5 | 0 | 3 | 0 | 3 | 140 | 24 | 0 | 1 | 3 | 1 | 0 |
| 04:45 PM | 66 | 94 | 1 | 0 | 15 | 0 | 4 | 0 | 0 | 176 | 24 | 0 | 0 | 2 | 0 | 0 |
| 05:00 PM | 69 | 93 | 0 | 0 | 7 | 0 | 9 | 0 | 4 | 165 | 29 | 0 | 0 | 3 | 1 | 0 |
| 05:15 PM | 72 | 104 | 0 | 0 | 13 | 0 | 4 | 0 | 0 | 175 | 37 | 0 | 0 | 2 | 2 | 0 |
| 05:30 PM | 98 | 100 | 0 | 0 | 13 | 0 | 6 | 0 | 1 | 166 | 25 | 0 | 1 | 1 | 2 | 0 |
| 05:45 PM | 72 | 93 | 0 | 0 | 5 | 0 | 7 | 0 | 2 | 158 | 25 | 0 | 0 | 0 | 0 | 0 |


| 2-Axle Trucks | Redlands Boulevard Southbound |  |  |  | SR-60 Westbound Ramps Westbound |  |  |  | Redlands Boulevard Northbound |  |  |  | Spruce Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds |
| 04:00 PM | 0 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 04:15 PM | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 04:30 PM | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 04:45 PM | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| 05:00 PM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 05:15 PM | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 05:30 PM | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 |
| 05:45 PM | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 |


| 3-Axle <br> Trucks | Redlands Boulevard <br> Southbound |  |  |  | SR-60 Westbound Ramps <br> Westbound |  |  |  |  | Redlands Boulevard <br> Northbound |  |  |  | Spruce Avenue <br> Eastbound |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds |
| 04:00 PM | 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 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| 04:30 PM | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 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 |
| 05:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 05:30 PM | 1 | 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 | 1 | 0 | 0 | 0 | 0 | 0 |


| 4+ Axle Trucks | Redlands Boulevard Southbound |  |  |  | SR-60 Westbound Ramps Westbound |  |  |  | Redlands Boulevard Northbound |  |  |  | Spruce Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds |
| 04:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| 04:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 |
| 04:30 PM | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 04:45 PM | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 05:00 PM | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 0 |
| 05:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 |
| 05:30 PM | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 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 |

## INTERSECTION \#8 AM

Start Date: 1/30/2018
Comment 1: City of Moreno Valley
Comment 2: N/S: Redlands Boulevard
Comment 3: E/W: Ironwood Avenue
Comment 4: Weather: Clear

| Cars | Redlands Boulevard Southbound |  |  |  | Ironwood Avenue Westbound |  |  |  | Redlands Boulevard Northbound |  |  |  | Ironwood Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds |
| 07:00 AM | 0 | 102 | 24 | 0 | 0 | 1 | 1 | 0 | 2 | 168 | 1 | 0 | 33 | 0 | 0 | 0 |
| 07:15 AM | 0 | 139 | 33 | 0 | 1 | 1 | 0 | 0 | 7 | 129 | 2 | 0 | 21 | 1 | 5 | 0 |
| 07:30 AM | 1 | 143 | 26 | 0 | 0 | 4 | 0 | 0 | 9 | 98 | 0 | 0 | 25 | 2 | 6 | 0 |
| 07:45 AM | 0 | 139 | 25 | 0 | 2 | 2 | 1 | 0 | 11 | 106 | 0 | 0 | 20 | 1 | 11 | 0 |
| 08:00 AM | 0 | 108 | 12 | 0 | 2 | 1 | 0 | 0 | 4 | 121 | 2 | 0 | 37 | 2 | 8 | 0 |
| 08:15 AM | 0 | 88 | 11 | 0 | 1 | 0 | 2 | 0 | 2 | 131 | 0 | 0 | 23 | 1 | 1 | 0 |
| 08:30 AM | 1 | 92 | 19 | 0 | 0 | 2 | 0 | 0 | 0 | 135 | 3 | 0 | 11 | 0 | 5 | 0 |
| 08:45 AM | 0 | 54 | 21 | 0 | 0 | 1 | 5 | 0 | 0 | 134 | 4 | 0 | 0 | 0 | 24 | 0 |


| 2-Axle Trucks | Redlands Boulevard Southbound |  |  |  | Ironwood Avenue Westbound |  |  |  | Redlands Boulevard Northbound |  |  |  | Ironwood Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds |
| 07:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 3 | 0 | 0 | 0 |
| 07:15 AM | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| 07:30 AM | 0 | 3 | 2 | 0 | 0 | 2 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 0 |
| 07:45 AM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 1 | 1 | 0 |
| 08:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 08:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 1 | 0 |
| 08:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 08:45 AM | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |


| 3-Axle Trucks | Redlands Boulevard Southbound |  |  |  | Ironwood Avenue Westbound |  |  |  | Redlands Boulevard Northbound |  |  |  | Ironwood Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds |
| 07:00 AM | 0 | 0 | 0 | 1 | 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 |
| 07:30 AM | 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 |
| 08:00 AM | 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 |
| 08:30 AM | 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 |


| 4+ Axle Trucks | Redlands Boulevard Southbound |  |  |  | Ironwood Avenue Westbound |  |  |  | Redlands Boulevard Northbound |  |  |  | Ironwood Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds |
| 07:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 |
| 07:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 07:45 AM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| 08:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 08:15 AM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 08:30 AM | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 08:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |

## INTERSECTION \#8 PM

Start Date: 1/30/2018
Comment 1: City of Moreno Valley
Comment 2: N/S: Redlands Boulevard
Comment 3: E/W: Ironwood Avenue
Comment 4: Weather: Clear

| Cars | Redlands Boulevard Southbound |  |  |  | Ironwood Avenue Westbound |  |  |  | Redlands Boulevard Northbound |  |  |  | Ironwood Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds |
| 04:00 PM | 3 | 146 | 39 | 0 | 1 | 8 | 1 | 0 | 4 | 161 | 0 | 0 | 14 | 5 | 6 | 0 |
| 04:15 PM | 2 | 152 | 44 | 0 | 0 | 9 | 1 | 0 | 5 | 149 | 1 | 0 | 26 | 2 | 3 | 0 |
| 04:30 PM | 0 | 163 | 53 | 0 | 0 | 3 | 1 | 0 | 5 | 153 | 2 | 0 | 20 | 3 | 5 | 0 |
| 04:45 PM | 1 | 160 | 41 | 0 | 1 | 1 | 3 | 0 | 1 | 171 | 0 | 0 | 26 | 4 | 3 | 0 |
| 05:00 PM | 0 | 162 | 47 | 0 | 0 | 4 | 1 | 0 | 3 | 174 | 0 | 0 | 28 | 4 | 3 | 0 |
| 05:15 PM | 2 | 181 | 39 | 0 | 0 | 3 | 1 | 0 | 3 | 170 | 4 | 0 | 21 | 6 | 5 | 0 |
| 05:30 PM | 2 | 169 | 46 | 0 | 2 | 3 | 1 | 0 | 3 | 172 | 1 | 0 | 39 | 2 | 9 | 0 |
| 05:45 PM | 0 | 154 | 47 | 0 | 0 | 2 | 0 | 0 | 5 | 168 | 0 | 0 | 24 | 2 | 6 | 0 |


| 2-Axle Trucks | Redlands Boulevard Southbound |  |  |  | Ironwood Avenue Westbound |  |  |  | Redlands Boulevard Northbound |  |  |  | Ironwood Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds |
| 04:00 PM | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:15 PM | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:30 PM | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 1 | 2 | 0 |
| 04:45 PM | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 05:00 PM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| 05:15 PM | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 |
| 05:30 PM | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 05:45 PM | 0 | 5 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |


| 3-Axle Trucks | Redlands Boulevard Southbound |  |  |  | Ironwood Avenue Westbound |  |  |  | Redlands Boulevard Northbound |  |  |  | Ironwood Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds |
| 04:00 PM | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:30 PM | 0 | 1 | 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 |
| 05:00 PM | 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 |
| 05:30 PM | 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 |


| 4+ Axle Trucks | Redlands Boulevard Southbound |  |  |  | Ironwood Avenue Westbound |  |  |  | Redlands Boulevard Northbound |  |  |  | Ironwood Avenue Eastbound |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start Time | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds |
| 04:00 PM | 1 | 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 | 0 | 0 | 0 | 0 | 0 |
| 04:30 PM | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:45 PM | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 05:00 PM | 0 | 2 | 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 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 05:30 PM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 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 |

# SR-60/WORLD LOGISTICS CENTER PARKWAY INTERCHANGE CLOSURE STUDY 

## Appendix B

Intersection LOS Worksheets for Base Conditions

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HCM Unsignalized Intersection Capacity Analysis
4: Theodore St \& Ironwood Ave


HCM Signalized Intersection Capacity Analysis
5: Redlands Blvd \& Eucalyptus Ave


C Critical Lane Group

HCM Signalized Intersection Capacity Analysis
6: Redlands Blvd \& SR-60 EB Ramps


HCM Signalized Intersection Capacity Analysis
7: Redlands Blvd \& SR-60 WB Ramps

| Movement | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Lane Configurations |  | $\uparrow$ |  |  | ¢ |  | ${ }^{7}$ | $\uparrow$ | 「 | ${ }^{7}$ | F |  |
| Traffic Volume (vph) | 4 | 7 | 5 | 40 | 0 | 43 | 12 | 577 | 132 | 312 | 297 | 5 |
| Future Volume (vph) | 4 | 7 | 5 | 40 | 0 | 43 | 12 | 577 | 132 | 312 | 297 | 5 |
| Ideal Flow (vphpl) | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 |
| Total Lost time (s) |  | 4.0 |  |  | 4.0 |  | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |  |
| Lane Util. Factor |  | 1.00 |  |  | 1.00 |  | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |  |
| Frpb, ped/bikes |  | 1.00 |  |  | 1.00 |  | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |  |
| Flpb, ped/bikes |  | 1.00 |  |  | 1.00 |  | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |  |
| Fit |  | 0.96 |  |  | 0.93 |  | 1.00 | 1.00 | 0.85 | 1.00 | 1.00 |  |
| Flt Protected |  | 0.99 |  |  | 0.98 |  | 0.95 | 1.00 | 1.00 | 0.95 | 1.00 |  |
| Satd. Flow (prot) |  | 1797 |  |  | 1726 |  | 1805 | 1900 | 1615 | 1805 | 1895 |  |
| Flt Permitted |  | 0.99 |  |  | 0.98 |  | 0.95 | 1.00 | 1.00 | 0.95 | 1.00 |  |
| Satd. Flow (perm) |  | 1797 |  |  | 1726 |  | 1805 | 1900 | 1615 | 1805 | 1895 |  |
| Peak-hour factor, PHF | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 |
| Adj. Flow (vph) | 4 | 7 | 5 | 41 | 0 | 44 | 12 | 589 | 135 | 318 | 303 | 5 |
| RTOR Reduction (vph) | 0 | 5 | 0 | 0 | 79 | 0 | 0 | 0 | 55 | 0 | 0 | 0 |
| Lane Group Flow (vph) | 0 | 11 | 0 | 0 | 6 | 0 | 12 | 589 | 80 | 318 | 308 | 0 |
| Confl. Peds. (\#/hr) |  |  |  |  |  |  |  |  |  |  |  |  |
| Turn Type | Split | NA |  | Split | NA |  | Prot | NA | pm+ov | Prot | NA |  |
| Protected Phases | 4 | 4 |  | 8 | 8 |  | 5 | 2 | 8 | 1 | 6 |  |
| Permitted Phases |  |  |  |  |  |  |  |  | 2 |  |  |  |
| Actuated Green, G (s) |  | 3.0 |  |  | 7.2 |  | 1.5 | 57.7 | 64.9 | 26.1 | 82.3 |  |
| Effective Green, $\mathrm{g}(\mathrm{s})$ |  | 3.0 |  |  | 7.2 |  | 1.5 | 57.7 | 64.9 | 26.1 | 82.3 |  |
| Actuated g/C Ratio |  | 0.03 |  |  | 0.07 |  | 0.01 | 0.52 | 0.59 | 0.24 | 0.75 |  |
| Clearance Time (s) |  | 4.0 |  |  | 4.0 |  | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |  |
| Vehicle Extension (s) |  | 3.0 |  |  | 3.0 |  | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |  |
| Lane Grp Cap (vph) |  | 49 |  |  | 112 |  | 24 | 996 | 1011 | 428 | 1417 |  |
| v/s Ratio Prot |  | c0.01 |  |  | 0.00 |  | 0.01 | c0.31 | c0.01 | c0.18 | 0.16 |  |
| v/s Ratio Perm |  |  |  |  |  |  |  |  | 0.04 |  |  |  |
| v/c Ratio |  | 0.23 |  |  | 0.05 |  | 0.50 | 0.59 | 0.08 | 0.74 | 0.22 |  |
| Uniform Delay, d1 |  | 52.4 |  |  | 48.2 |  | 53.9 | 18.0 | 9.7 | 38.8 | 4.2 |  |
| Progression Factor |  | 1.00 |  |  | 1.00 |  | 0.95 | 0.87 | 0.49 | 1.00 | 1.00 |  |
| Incremental Delay, d2 |  | 2.4 |  |  | 0.2 |  | 13.9 | 2.3 | 0.0 | 6.8 | 0.4 |  |
| Delay (s) |  | 54.7 |  |  | 48.4 |  | 65.1 | 18.0 | 4.8 | 45.7 | 4.5 |  |
| Level of Service |  | D |  |  | D |  | E | B | A | D | A |  |
| Approach Delay (s) |  | 54.7 |  |  | 48.4 |  |  | 16.3 |  |  | 25.4 |  |
| Approach LOS |  | D |  |  | D |  |  | B |  |  | C |  |


| Intersection Summary |  |  |  |
| :--- | ---: | :--- | ---: |
| HCM 2000 Control Delay | 22.5 | HCM 2000 Level of Service | C |
| HCM 2000 Volume to Capacity ratio | 0.58 |  | 16.0 |
| Actuated Cycle Length (s) | 110.0 | Sum of lost time (s) | C |
| Intersection Capacity Utilization | $66.5 \%$ | ICU Level of Service |  |
| Analysis Period (min) | 15 |  |  |
| C Critical Lane Group |  |  |  |

HCM Signalized Intersection Capacity Analysis
8: Redlands Blvd \& Ironwood Ave
12/04/2018





HCM Unsignalized Intersection Capacity Analysis
4: Theodore St \& Ironwood Ave


HCM Signalized Intersection Capacity Analysis
5: Redlands Blvd \& Eucalyptus Avenue


C Critical Lane Group

HCM Signalized Intersection Capacity Analysis
6: Redlands Blvd \& SR-60 EB Ramps


HCM Signalized Intersection Capacity Analysis
7: Redlands Blvd \& SR-60 WB Ramps
12/04/2018


HCM Signalized Intersection Capacity Analysis
8: Redlands Blvd \& Ironwood Ave
12/04/2018


# SR-60/WORLD LOGISTICS CENTER PARKWAY INTERCHANGE CLOSURE STUDY 

## Appendix C

Intersection LOS Worksheets during Interchange Closure

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HCM Unsignalized Intersection Capacity Analysis
4: Theodore St \& Ironwood Ave


HCM Signalized Intersection Capacity Analysis
5: Redlands Blvd \& Eucalyptus Ave


C Critical Lane Group

HCM Signalized Intersection Capacity Analysis
6: Redlands Blvd \& SR-60 EB Ramps


HCM Signalized Intersection Capacity Analysis
7: Redlands Blvd \& SR-60 WB Ramps

| Movement | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Lane Configurations |  | ¢ |  |  | $\uparrow$ |  | ${ }^{7}$ | $\uparrow$ | 「 | ${ }^{7}$ | F |  |
| Traffic Volume (vph) | 4 | 7 | 5 | 131 | 0 | 73 | 12 | 650 | 143 | 358 | 326 | 5 |
| Future Volume (vph) | 4 | 7 | 5 | 131 | 0 | 73 | 12 | 650 | 143 | 358 | 326 | 5 |
| Ideal Flow (vphpl) | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 |
| Total Lost time (s) |  | 4.0 |  |  | 4.0 |  | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |  |
| Lane Util. Factor |  | 1.00 |  |  | 1.00 |  | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |  |
| Frpb, ped/bikes |  | 1.00 |  |  | 1.00 |  | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |  |
| Flpb, ped/bikes |  | 1.00 |  |  | 1.00 |  | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |  |
| Fit |  | 0.96 |  |  | 0.95 |  | 1.00 | 1.00 | 0.85 | 1.00 | 1.00 |  |
| Flt Protected |  | 0.99 |  |  | 0.97 |  | 0.95 | 1.00 | 1.00 | 0.95 | 1.00 |  |
| Satd. Flow (prot) |  | 1797 |  |  | 1752 |  | 1805 | 1900 | 1615 | 1805 | 1896 |  |
| Flt Permitted |  | 0.99 |  |  | 0.97 |  | 0.95 | 1.00 | 1.00 | 0.95 | 1.00 |  |
| Satd. Flow (perm) |  | 1797 |  |  | 1752 |  | 1805 | 1900 | 1615 | 1805 | 1896 |  |
| Peak-hour factor, PHF | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 |
| Adj. Flow (vph) | 4 | 7 | 5 | 134 | 0 | 74 | 12 | 663 | 146 | 365 | 333 | 5 |
| RTOR Reduction (vph) | 0 | 5 | 0 | 0 | 106 | 0 | 0 | 0 | 60 | 0 | 0 | 0 |
| Lane Group Flow (vph) | 0 | 11 | 0 | 0 | 102 | 0 | 12 | 663 | 86 | 365 | 338 | 0 |
| Confl. Peds. (\#/hr) |  |  |  |  |  |  |  |  |  |  |  |  |
| Turn Type | Split | NA |  | Split | NA |  | Prot | NA | pm+ov | Prot | NA |  |
| Protected Phases | 4 | 4 |  | 8 |  |  | 5 | 2 | 8 | 1 | 6 |  |
| Permitted Phases |  |  |  |  |  |  |  |  | 2 |  |  |  |
| Actuated Green, G (s) |  | 3.0 |  |  | 12.5 |  | 6.7 | 58.2 | 70.7 | 30.3 | 81.8 |  |
| Effective Green, $\mathrm{g}(\mathrm{s})$ |  | 3.0 |  |  | 12.5 |  | 6.7 | 58.2 | 70.7 | 30.3 | 81.8 |  |
| Actuated g/C Ratio |  | 0.02 |  |  | 0.10 |  | 0.06 | 0.49 | 0.59 | 0.25 | 0.68 |  |
| Clearance Time (s) |  | 4.0 |  |  | 4.0 |  | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |  |
| Vehicle Extension (s) |  | 3.0 |  |  | 3.0 |  | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |  |
| Lane Grp Cap (vph) |  | 44 |  |  | 182 |  | 100 | 921 | 1005 | 455 | 1292 |  |
| v/s Ratio Prot |  | c0.01 |  |  | c0.06 |  | 0.01 | c0.35 | 0.01 | c0.20 | 0.18 |  |
| v/s Ratio Perm |  |  |  |  |  |  |  |  | 0.04 |  |  |  |
| v/c Ratio |  | 0.25 |  |  | 0.56 |  | 0.12 | 0.72 | 0.09 | 0.80 | 0.26 |  |
| Uniform Delay, d1 |  | 57.4 |  |  | 51.1 |  | 53.8 | 24.4 | 10.7 | 42.0 | 7.4 |  |
| Progression Factor |  | 1.00 |  |  | 1.00 |  | 0.80 | 0.59 | 0.07 | 1.00 | 1.00 |  |
| Incremental Delay, d2 |  | 3.0 |  |  | 3.9 |  | 0.4 | 3.5 | 0.0 | 9.8 | 0.5 |  |
| Delay (s) |  | 60.4 |  |  | 55.1 |  | 43.6 | 17.8 | 0.7 | 51.9 | 7.9 |  |
| Level of Service |  | E |  |  | E |  | D | B | A | D | A |  |
| Approach Delay (s) |  | 60.4 |  |  | 55.1 |  |  | 15.1 |  |  | 30.7 |  |
| Approach LOS |  | E |  |  | E |  |  | B |  |  | C |  |


| Intersection Summary |  |  |  |
| :--- | ---: | :--- | ---: |
| HCM 2000 Control Delay | 26.6 | HCM 2000 Level of Service | C |
| HCM 2000 Volume to Capacity ratio | 0.71 |  | 16.0 |
| Actuated Cycle Length (s) | 120.0 | Sum of lost time (s) | E |
| Intersection Capacity Utilization | $82.4 \%$ | ICU Level of Service |  |
| Analysis Period (min) | 15 |  |  |
| C Critical Lane Group |  |  |  |

HCM Signalized Intersection Capacity Analysis
8: Redlands Blvd \& Ironwood Ave





HCM Unsignalized Intersection Capacity Analysis
4: Theodore St \& Ironwood Ave


HCM Signalized Intersection Capacity Analysis
5: Redlands Blvd \& Eucalyptus Avenue


C Critical Lane Group

HCM Signalized Intersection Capacity Analysis
6: Redlands Blvd \& SR-60 EB Ramps


HCM Signalized Intersection Capacity Analysis
7: Redlands Blvd \& SR-60 WB Ramps

| Movement | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Lane Configurations |  | \$ |  |  | \& |  | ${ }^{1}$ | 4 | 「 | ${ }^{7}$ | F |  |
| Traffic Volume (vph) | 2 | 13 | 8 | 73 | 0 | 37 | 12 | 749 | 502 | 346 | 469 | 5 |
| Future Volume (vph) | 2 | 13 | 8 | 73 | 0 | 37 | 12 | 749 | 502 | 346 | 469 | 5 |
| Ideal Flow (vphpl) | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 |
| Total Lost time (s) |  | 4.0 |  |  | 4.0 |  | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |  |
| Lane Util. Factor |  | 1.00 |  |  | 1.00 |  | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |  |
| Frpb, ped/bikes |  | 1.00 |  |  | 1.00 |  | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |  |
| Flpb, ped/bikes |  | 1.00 |  |  | 1.00 |  | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |  |
| Frt |  | 0.95 |  |  | 0.95 |  | 1.00 | 1.00 | 0.85 | 1.00 | 1.00 |  |
| Flt Protected |  | 1.00 |  |  | 0.97 |  | 0.95 | 1.00 | 1.00 | 0.95 | 1.00 |  |
| Satd. Flow (prot) |  | 1800 |  |  | 1756 |  | 1805 | 1900 | 1615 | 1805 | 1897 |  |
| Flt Permitted |  | 1.00 |  |  | 0.97 |  | 0.95 | 1.00 | 1.00 | 0.95 | 1.00 |  |
| Satd. Flow (perm) |  | 1800 |  |  | 1756 |  | 1805 | 1900 | 1615 | 1805 | 1897 |  |
| Peak-hour factor, PHF | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 |
| Adj. Flow (vph) | 2 | 14 | 9 | 78 | 0 | 39 | 13 | 797 | 534 | 368 | 499 | 5 |
| RTOR Reduction (vph) | 0 | 9 | 0 | 0 | 107 | 0 | 0 | 0 | 208 | 0 | 0 | 0 |
| Lane Group Flow (vph) | 0 | 16 | 0 | 0 | 10 | 0 | 13 | 797 | 326 | 368 | 504 | 0 |
| Confl. Peds. (\#/hr) |  |  |  |  |  |  |  |  |  |  |  |  |
| Turn Type | Split | NA |  | Split | NA |  | Prot | NA | pm+ov | Prot | NA |  |
| Protected Phases | 4 | 4 |  | 8 | 8 |  | 5 | 2 | 8 | 1 | 6 |  |
| Permitted Phases |  |  |  |  |  |  |  |  | 2 |  |  |  |
| Actuated Green, G (s) |  | 4.6 |  |  | 9.7 |  | 3.6 | 57.5 | 67.2 | 22.2 | 76.1 |  |
| Effective Green, g (s) |  | 4.6 |  |  | 9.7 |  | 3.6 | 57.5 | 67.2 | 22.2 | 76.1 |  |
| Actuated g/C Ratio |  | 0.04 |  |  | 0.09 |  | 0.03 | 0.52 | 0.61 | 0.20 | 0.69 |  |
| Clearance Time (s) |  | 4.0 |  |  | 4.0 |  | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |  |
| Vehicle Extension (s) |  | 3.0 |  |  | 3.0 |  | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |  |
| Lane Grp Cap (vph) |  | 75 |  |  | 154 |  | 59 | 993 | 1045 | 364 | 1312 |  |
| v/s Ratio Prot |  | c0.01 |  |  | 0.01 |  | 0.01 | c0.42 | c0.03 | c0.20 | 0.27 |  |
| v/s Ratio Perm |  |  |  |  |  |  |  |  | 0.17 |  |  |  |
| v/c Ratio |  | 0.22 |  |  | 0.07 |  | 0.22 | 0.80 | 0.31 | 1.01 | 0.38 |  |
| Uniform Delay, d1 |  | 51.0 |  |  | 46.0 |  | 51.8 | 21.6 | 10.3 | 43.9 | 7.1 |  |
| Progression Factor |  | 1.00 |  |  | 1.00 |  | 0.98 | 0.83 | 0.73 | 1.00 | 1.00 |  |
| Incremental Delay, d2 |  | 1.5 |  |  | 0.2 |  | 0.9 | 3.5 | 0.1 | 50.0 | 0.9 |  |
| Delay (s) |  | 52.4 |  |  | 46.2 |  | 51.6 | 21.3 | 7.6 | 93.9 | 8.0 |  |
| Level of Service |  | D |  |  | D |  | D | C | A | F | A |  |
| Approach Delay (s) |  | 52.4 |  |  | 46.2 |  |  | 16.2 |  |  | 44.2 |  |
| Approach LOS |  | D |  |  | D |  |  | B |  |  | D |  |


| Intersection Summary |  |  |  |
| :--- | ---: | :--- | ---: |
| HCM 2000 Control Delay | 28.4 | HCM 2000 Level of Service | C |
| HCM 2000 Volume to Capacity ratio | 0.78 |  | 16.0 |
| Actuated Cycle Length (s) | 110.0 | Sum of lost time (s) | D |
| Intersection Capacity Utilization | $81.6 \%$ | ICU Level of Service |  |
| Analysis Period (min) | 15 |  |  |
| C Critical Lane Group |  |  |  |

HCM Signalized Intersection Capacity Analysis
8: Redlands Blvd \& Ironwood Ave
12/05/2018


# SR-60/WORLD LOGISTICS CENTER PARKWAY INTERCHANGE CLOSURE STUDY 

## Appendix D

Conceptual Construction Staging Exhibits

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PHASE 2 (ESTIMATED CONSTRUCTION DURATION - 6 MONTHS)


PHASE 3 (ESTIMATED CONSTRUCTION DURATION - 10 MONTHS)

# SR-60/WORLD LOGISTICS CENTER PARKWAY INTERCHANGE CLOSURE STUDY 

## Appendix E

## Transportation Management Plan

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## G) District's info:

Department of Transportation
District:

| Address: | 464 W. Fourth St., San Bernardino, Ca., 92401-1400 |
| :--- | :--- | :--- |


| Operations, DTM, MS $\ggg>$ | 711 |
| :--- | :--- |

$$
\text { DTM is located on the North side of 7th. FI. Enter from the open door \& turn left. MS: } 711
$$

## H) Remarks



| TMP Elements | EA \#/ID\# | 0M590/0813000109 | Date | 10/23/2018 |
| :---: | :---: | :---: | :---: | :---: | cident Management CHP's Construction or Maintenance Zone Enhanced Enforcement Program - COZEEP or MAZEEP. BEES 066062 show under "State or Agency furnished" in the Cost Estimate.

Make sure to consider the LC hours and add CHP driving time to/from their office
Day COZEEP: To protect active closures


Night COZEEP: To protect active closures

| \# of nights | hours/night | CHP vehicles\# of officers. <br> Nights need 2 <br> per car | Rate/Hr. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | ---: |
| 130 |  | 8 | 2 | 2 | $\$$ | 100 |

\$

Freeway Service Patrol (FSP) for Construction (CFSP)
\$/hr./truck
BEES 066065 - show under "State or Agency furnished" in the Cost Estimate
Short duration or remote area CFSP usually is bid with much higher hourly rates. If enhancement of program FSP feasible, CFSP could tie into the lower long-term FSP rates.

| \# of trucks |
| :---: |
| A For service within the regular FSP hours |
| 0 |

$$
\text { \# of days } \quad \text { Hours per day }
$$

For service outside the regular FSP hours B Extended Peak hour coverage

| 0 | 0 |
| :--- | :--- |


| C Support during night closures |
| :--- |
| $\qquad \square 1$ |


| 10 | 8 |
| :---: | :---: |

FSP/CHP support
$20 \%$ of truck cost or

CFSP Dispatcher @

| \# of days | \# of nights | hours | \# of FSP |  | \# of FSP vehicles |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  | $\$$ | 45.00 |  |
|  |  |  |  |  |  |  |  |

CFSP CHP Officers (See Cozeep rate)

| \# of days | \# of nights | hours | \# of officers | Rate |  | \# of CHP vehicles |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  | $\$$ | 45.00 |  |
|  |  |  |  |  |  |  |  |

$\square$ Cooperative Agreement or Task Order with SAFE for
$\square$ Task Order with CHP (State-wide Master Agreement for FSP support). for
\$880
$\square$ Contact District FSP Coordinator for task orders.
$\square$ Service Contract
$\square$ Local Agency will arrange CFSP with SAFE
$\square$ Local Agency will arrange CFSP administration with CHP

$$
\text { 3.2 Total } \quad \$ 6,072
$$



| TMP Estimate |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Developed by | Joe De La Garza | EA\#/ID\# | 0M590/0813000109 | Date | 10/23/2018 |
| TMP developer: Amounts under the cost column will automatically be copied from the TMP elements |  |  |  |  |  |
| TMP Elements |  |  |  |  | Cost |
| 1. Public Information |  |  |  |  | \$95,000 |
| 2. Motorist Information Strategies |  |  |  |  | \$76,000 |
| 3. Incident Management |  |  |  |  | \$426,402 |
| 4. Construction Strategies |  |  |  |  | \$0 |
| 5. Demand Management (DM) |  |  |  |  | \$0 |
| 6. Alternate Route Strategies |  |  |  |  | \$100,000 |
| Total TMP Estimate |  |  |  |  | \$ 697,402 |

# SR-60/WORLD LOGISTICS CENTER PARKWAY INTERCHANGE CLOSURE STUDY 

## Appendix F

Lane Closure Request Form

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District 8 - DTM/TMP Service Request
Project Phase: 0 Phase
Request Type:
 LRC $\square$
Submit date: 11/05/2018
Requested by date: $11 / 19 / 2018$

## A) Requester Information



Requested Closure Work Windows (select all that apply)


Requested Facility Closure (select all that apply)


## D) Traffic Handling Information

| $\checkmark$ K-rail utilization - List Postmiles: 20 to 22 |  |  |  |
| :---: | :---: | :---: | :---: |
| Proposed Lane Width with K-rail: 12 |  |  |  |
| Median Shoulder Width: 12 | Outside Shoulder Width: $10^{\prime}$ |  |  |
| Detours Required: | No | $\checkmark$ | Yes, Consult Traffic Design |
| Additional Information |  |  |  |
| Anticipate 4 months of full ramp and interchange closure to construct the interchange. The project is staged to reduce the duration of interchange closure. There would be other phases of construction that would require closure of ramps or some turning movements at ramp intersections. Also a full freeway closure for falsework install and removal. |  |  |  |

Attach project location map to the service request.

```
Project EA: OM590
Project ID: 0813000109
```

County: RIV
Route: SR-60

Postmile: 20-22

| No. | Facility <br> Type | Direction | Postmile | No. of <br> Existing <br> Lanes | No. of <br> Lanes to be <br> Closed | Proposed Work <br> Requiring <br> Closure |  |
| :---: | :--- | :--- | :--- | :---: | :---: | :--- | :--- |
| 1 | Onramp | EB | 21.265 | 1 | 1 | Ramp Work | Remarks |
| 2 | Offramp | EB | 21.265 | 1 | 1 | Ramp Work | Demolish and install new ramp |
| 3 | Onramp | WB | 21.460 | 1 | 1 | Ramp Work | Demolish and install new ramp |
| 4 | Offramp | WB | 21.460 | 1 | 1 | Ramp Work | Demolish and install new ramp |
| 5 | - | - |  |  |  | - |  |
| 6 | - | - |  |  |  | - |  |
| 7 | - | - |  |  |  | - |  |
| 8 | - | - |  |  |  | - |  |
| 9 | - | - |  |  |  |  |  |
| 10 | - | - |  |  |  |  |  |
| 11 | - | - |  |  | - |  |  |
| 12 | - | - |  |  |  |  |  |
| 13 | - | - |  |  |  |  |  |
| 14 | - | - |  |  | - |  |  |
| 15 | - | - |  |  |  |  |  |
| 16 | - | - |  |  |  |  |  |
| 17 | - | - |  |  |  |  |  |
| 18 | - | - |  |  | - |  |  |
| 19 | - | - |  |  | - |  |  |
| 20 | - | - |  |  |  |  |  |
| 21 | - | - |  |  | - |  |  |
| 22 | - | - |  |  | - |  |  |
| 23 | - | - |  |  | - |  |  |
| 24 | - | - |  |  | - |  |  |
| 25 | - | - |  |  |  |  |  |

[^1]DTM Service Request - Lane and Profile Information

Project EA: 0M590
Project ID: 0813000109

County: RIV
Route: SR-60
Postmile: 20-22

| No. | Starting <br> Postmile | Ending <br> Postmile | Direction | No. of Existing <br> Lanes | Profile <br> Grade \% | Uphill or <br> Downhill | Profile Description | Remarks |
| :---: | :---: | :---: | :--- | :---: | :---: | :---: | :---: | :---: |
| 1 | 20.26 | 21.95 | EB | 2 |  | - | Level | Install and take down falsework |
| 2 | 22.00 | 20.47 | WB | 2 |  | - | Level | Install and take down falsework |
| 3 |  |  | - |  |  | - | Level |  |
| 4 |  |  | - |  |  | - | Level |  |
| 5 |  |  | - |  |  | - | Level |  |
| 6 |  |  | - |  |  | - | Level |  |
| 7 |  |  | - |  |  | - | Level |  |
| 8 |  |  | - |  |  | - | Level |  |
| 9 |  |  | - |  |  | - | Level |  |
| 10 |  |  | - |  |  | - | Level |  |
| 11 |  |  | - |  |  | - | Level |  |
| 12 |  |  | - |  |  | - | Level |  |
| 13 |  |  | - |  |  | - | Level |  |
| 14 |  |  | - |  |  | - | Level |  |
| 15 |  |  | - |  |  | - | Level |  |


[^0]:    ${ }^{1}$ Traffic Impact Analysis Preparation Guide, City of Moreno Valley Transportation Engineering Division, August 2007.
    ${ }^{2}$ SR-60/World Logistics Center Parkway PA/ED Traffic Study Report, WSP, October 2018.

[^1]:    * Continuous ramp closures of more than 10 days requires Environmental approval.

