

TECHNICAL MEMORANDUM

DATE: August 5, 2026
TO: Mr. David White, Huitt-Zollars, Inc.
FROM: Brendan Dugan/Robert Vu, Urban Crossroads, Inc.
JOB NO: 16897-04 Traffic Calming

SUBJECT: 19TH STREET – ALL-WAY STOP AND TRAFFIC CALMING EVALUATION

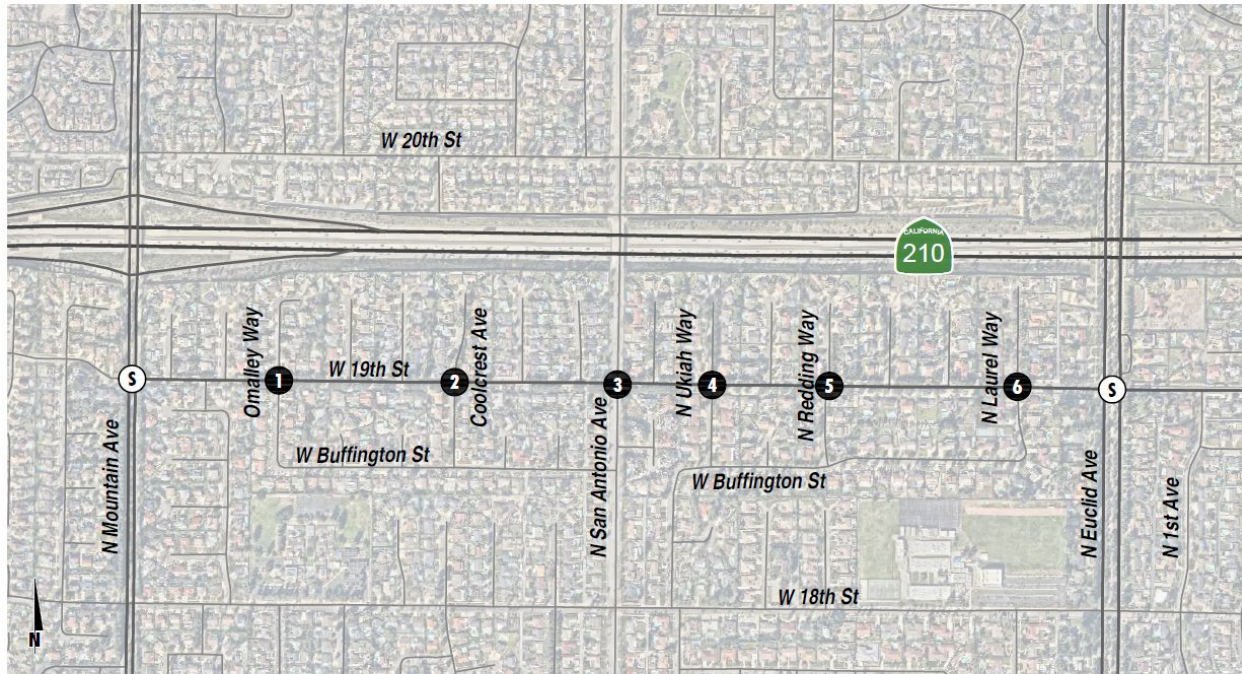
Urban Crossroads, Inc. is pleased to provide the following All-Way Stop and Traffic Calming Evaluation for 19th Street from Mountain Avenue to Euclid Avenue (Project) in the City of Upland. The purpose of this letter is to describe our review of the existing traffic conditions and to identify potential traffic calming measures within the study area.

EXISTING CONDITIONS

The study area is shown on Exhibit 1 with 24-hour traffic counts provided in Attachment A. 19th Street currently has a posted speed limit of 35 MPH in the eastbound and westbound directions. Cyclists and vehicles are expected to share the road as there are no marked bike lanes. There are existing marked pedestrian crosswalks located at the signalized intersections of Mountain Avenue & 19th Street and Euclid Avenue & 19th Street, and at the all-way stop-controlled intersection of San Antonio Avenue & 19th Street. Other intersections located within the study area are stop controlled only on the minor street. On-street parking is generally available throughout 19th Street. The 2026 24-hour count data is representative of typical weekday peak hour and off-peak traffic conditions in the study area. No observations were made in the field that would indicate atypical traffic conditions on the count dates, such as construction activity or detour routes and near-by schools were in session and operating on normal schedules. Field observations and traffic counts conducted in March 2026 indicate nominal pedestrian and bicycle activity within the study area.

19th Street is identified as a secondary arterial in the City of Upland General Plan. As such, 19th Street should comply with the guidance outlined in the California Manual on Uniform Traffic Control Devices (CA MUTCD) and the City of Upland standards. Traffic control standards are needed for consistency and to avoid driver confusion. Proper placement of standardized traffic signage and striping is an important component of traffic safety. The CA MUTCD contains the basic principles that govern the design and use of traffic control devices.

EXHIBIT 1: LOCATION MAP



LEGEND:

- ① = Existing Intersection Analysis Location
- Ⓢ = Existing Traffic Signal

SPEED SURVEY

24-hour speed surveys were conducted in April 2025 and were provided to Urban Crossroads to assess the existing vehicle speeds along 19th Street. The speed surveys are provided in Attachment B. The speed surveys identify both the total number of vehicles and the vehicles speeds for the eastbound and westbound directions. A summary of the speed data is provided in Table 1 below.

TABLE 1: SUMMARY OF SPEED DATA

Direction	24-hour Volume	85th Percentile Speed
19th Street between Mountain Avenue and Coolcrest Avenue		
Eastbound	3,516	41 MPH
Westbound	1,875	43 MPH
Eastbound and Westbound	5,391	42 MPH
19th Street between San Antonio Avenue and Euclid Avenue		
Eastbound	3,543	42 MPH
Westbound	1,727	43 MPH
Eastbound and Westbound	5,270	42 MPH

A review of the speed surveys indicates that between 5,270 and 5,391 vehicles utilize 19th Street each day with approximately 65% of the vehicles travelling in the eastbound direction. In addition, the speed surveys provide detailed statistics to better describe the vehicle speeds.

The speed surveys for 19th Street indicate that the vehicle pace speed is within the 31-40 MPH range with an 85th percentile speed of between 41 and 43 MPH. As identified previously, there is a posted speed limit of 35 MPH. Approximately 61 to 69% of vehicles exceeded the posted 35 MPH speed limit.

ALL-WAY STOP CONTROL CRITERIA

The California Manual of Uniform Traffic Control Devices (CA MUTCD) provides the criteria for which agencies and municipalities determine if all-way stop control is warranted at a given intersection. Section 2B.12 of the CA MUTCD, titled All-Way Stop Control, provides the following criteria to consider the installation of an all-way stop control:

- A. All-Way Stop Control Warrant A: Crash Experience (see Section 2B.13)
- B. All-Way Stop Control Warrant B: Sight Distance (see Section 2B.14)
- C. All-Way Stop Control Warrant C: Transition to Signal Control or Transition to Yield Control at a Circular Intersection (see Section 2B.15)
- D. All-Way Stop Control Warrant D: 8-Hour Volume (Vehicles, Pedestrians, Bicycles) (see Section 2B.16)

E. All-Way Stop Control Warrant E: Other Factors (see Section 2B.17)

The following study area intersections are considered for this all-way stop warrant analysis:

- O'malley Way & 19th Street
- Coolcrest Way & 19th Street
- Ukiah Way & 19th Street
- Redding Way & 19th Street
- Laurel Avenue & 19th Street

The intersection of Kelly Avenue & 19th Street is located nearby the signalized intersection of Mountain Avenue & 19th Street and has not been considered for an all-way stop. The intersection of San Antonio Avenue & 19th Street is currently all-way stop controlled. As such, an all-way stop warrant analysis does not apply to this intersection.

WARRANT A: CRASH EXPERIENCE

CA MUTCD Section 2B.13 All-Way Stop Control Warrant A: Crash Experience states an all-way stop control may be installed at an intersection that meets the following:

- A. For a four-leg intersection, there are five or more reported crashes in a 12-month period or six or more reported crashes in a 36-month period that were of a type susceptible to correction by the installation of all-way stop control.
- B. For a three-leg intersection, there are four or more reported crashes in a 12-month period or five or more reported crashes in a 36-month period that were of a type susceptible to correction by the installation of all-way stop control.

The collision data analysis is based on the collision data received from California Highway Patrols' (CHP) Statewide Integrated Traffic Records System (SWITRS). The collision data includes 3 years of collision data between January 1, 2023 – December 31, 2025 gathered by CHP staff and members of its Allied Agencies throughout California (including the City of Upland). The SWITRS data is provided in Attachment C. Table 2 provides a summary of the types of collisions by intersection.

The CHP SWITRS collision data includes the following collision types:

- Head-On
- Sideswipe
- Rear-End
- Broadside
- Hit Object
- Overturned
- Vehicle/Pedestrian
- Other
- Not Stated

Based on the quantity of reported collisions in either a 12-month period or 36-month period, no study area intersections meet Warrant A: Crash Experience. Therefore, the criteria for Warrant A is not satisfied at any of the study intersection locations.

TABLE 2: COLLISION SUMMARY

Head-On	Sideswipe	Rear-End	Broadside	Hit-Object	Overturn	Auto-Ped	Other	Not Stated
O'malley Way & 19th Street (Total: 0 Collisions)								
0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)
Coolcrest Way & 19th Street (Total: 2 Collisions)								
0 (0.0%)	0 (0.0%)	2 (100.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)
San Antonio Avenue & 19th Street (Total: 1 Collisions)								
0 (0.0%)	0 (0.0%)	0 (0.0%)	1 (100.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)
Ukiah Way & 19th Street (Total: 0 Collisions)								
0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)
Redding Way & 19th Street (Total: 0 Collisions)								
0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)
Laurel Avenue & 19th Street (Total: 0 Collisions)								
0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)

WARRANT B: SIGHT DISTANCE

CA MUTCD Section 2B.14 All-Way Stop Control Warrant B: Sight Distance states an all-way stop control may be installed at an intersection where an engineering study indicates that sight distance on the minor-road approaches controlled by a STOP sign is not adequate for a vehicle to turn onto or cross the major (uncontrolled) road. An all-way stop control can be considered if a road user, after stopping, cannot see conflicting traffic and is not able to negotiate the intersection unless conflicting cross traffic is also required to stop.

A sight distance analysis was prepared using Highway Design Manual Topic 405.1 Sight Distance. The "drivers' eye," or decision point, should be a minimum of 10 feet plus the shoulder width of the major road but not less than 15 feet from the edge of the travel way. The sight triangle should provide sufficient gap time (7.5 seconds) for crossing roadways based on the speed of the road. This is commonly known as the "7.5 second rule." The complete exhibits can be found in Attachment D. It should be noted that the sight distance exhibits were prepared for the posted speed limit of 35 MPH; additional sight distance may be required for the observed 85th percentile speed of 41 to 43 MPH.

The study area intersections identified have sight distance constraints that are not adequate. Residential driveways, trees/vegetation, and/or on-street parking limit visibility near the study area intersections. A driver may need to stop suddenly if the driver observes a vehicle turning out of a minor street or merging into the traveled way from being parked. There is a need for a driver at these intersections to be able to stop suddenly. Additionally, the driver backing out of the driveway may not see oncoming traffic. Applying sight distance methodology to the increased 85th percentiles speed of 41 to 43 MPH would exacerbate the impacts of the sight distance required.

Due to the sight distance constraint, the following 5 study area intersections meet Warrant B: Sight Distance criteria:

- O'malley Way & 19th Street
- Coolcrest Way & 19th Street
- Ukiah Way & 19th Street
- Redding Way & 19th Street
- Laurel Avenue & 19th Street

WARRANT C: TRANSITION TO SIGNAL CONTROL OR TRANSITION TO YIELD CONTROL AT A CIRCULAR INTERSECTION

CA MUTCD Section 2B.15 All-Way Stop Control Warrant C: Transition to Signal Control or Transition to Yield Control at a Circular Intersection states an all-way stop control may be installed at locations where all-way stop control is an interim measure that can be installed to control traffic while arrangements are being made for the installation of a traffic control signal at the intersection or for the installation of yield control at a circular intersection.

Since a traffic control signal or a roundabout is not planned at these locations, the Warrant C: Transition criteria is not applicable. Therefore, the criteria for Warrant C is not satisfied at any of the study intersection locations.

WARRANT D: 8-HOUR VOLUME (VEHICLES, PEDESTRIANS, BICYCLES)

CA MUTCD Section 2B.16 All-Way Stop Control Warrant D: 8-Hour Volume (Vehicles, Pedestrians, Bicycles) states that an all-way stop control may be installed at an intersection where an engineering study indicates:

- A. The combined motor vehicle, bicycle, and pedestrian volume entering the intersection from the major- street approaches is at least 300 units per hour for each of any 8 hours of a typical day; and
- B. The combined motor vehicle, bicycle, and pedestrian volume entering the intersection from the minor- street approaches is at least 200 units per hour for each of any of the same 8 hours.

Note: If the 85th-percentile approach speed of the major-street traffic exceeds 40 MPH, the minimum vehicular volume warrants may be reduced to 70 percent of the values given in Items A and B.

Existing count data is provided in Attachment A and summarized in Attachment E. The study area intersections do not meet the volume requirement for any hour of the day. Since 85th percentile speed exceeds 40 MPH, a 70% criteria reduction may be applied. Even with the 70% criteria

reduction, no study area intersections meet the Warrant D: 8-Hour Volume criteria. Therefore, the criteria for Warrant D is not satisfied at any of the study intersection locations.

WARRANT E: OTHER FACTORS

CA MUTCD Section 2B.17 All-Way Stop Control Warrant E: Other Factors states that an all-way stop control may be installed at an intersection where an engineering study indicates that all-way stop control is needed due to other factors not addressed in the other all-way stop control warrants. Such other factors may include, but are not limited to, the following:

- A. The need to control left-turn conflicts,
- B. An intersection of two residential neighborhood collector (through) streets of similar design and operating characteristics where all-way stop control would improve traffic operational characteristics of the intersection,
- or
- C. Where pedestrian and/or bicyclist movements support the installation of all-way stop control.

As identified previously, the study area intersections have sight distance restrictions that are not adequate and will experience an improvement with the installation of an all-way stop control. There is sufficient need for a driver making a left turn at these intersections to be able to stop suddenly. A driver may need to stop suddenly if the driver observes a vehicle turning out of a minor street or merging into the traveled way from being parked. Additionally, the driver backing out of the driveway may not see oncoming traffic. The five aforementioned study area intersections meet Criteria A of Warrant E.

As such, the following 5 study area intersections meet the Warrant B: Sight Distance and Warrant E: Other Factors criteria for the installation of an all-way stop control:

- O'malley Way & 19th Street
- Coolcrest Way & 19th Street
- Ukiah Way & 19th Street
- Redding Way & 19th Street
- Laurel Avenue & 19th Street

If an all-way stop control is not the preferred option to manage the sight obstructions, it is recommended that all sight obstructions (such as trees/vegetation and parked vehicles) be removed to provide sufficient sight distance.

It should be noted that an all-way stop is not considered as a form of traffic calming or speed reduction measure. It is intended to provide right-of-way control to vehicles, pedestrians, and bicyclists where conflicts may occur. The subsequent section discusses traffic calming measures which are intended to reduce speeds and/or traffic volumes.

TRAFFIC CALMING

Traffic calming is the application of specific devices or strategies to reduce the incidence of excessive speeds or traffic volumes on residential streets. Traffic calming represents a combination of measures undertaken to reduce the negative effects of motor vehicle use and to alter driver behavior. A successful traffic calming program will have the support of the residents, the approval of the fire authority, and a willingness of residents to live with the actual traffic calming measures

designed to slow traffic. Traffic calming actions are generally applied through a phased approach starting with the least restrictive measures. In applying traffic calming measures there are three primary tenets: (1) the device or strategy should never resolve the problem on one street by shifting the problem to another street; (2) traffic calming type mitigation should be applied incrementally; and, if possible, (3) traffic calming measures should be field tested before they are permanently installed.

The speed management countermeasures identified below are familiar to drivers and have been used for many years throughout California. Detailed information on typical traffic calming measures is provided in Attachment F.

Street Width Reduction: A street width reduction narrows the width of a vehicle travel lane or roadway, so a motorist likely needs to slow the vehicle to maintain an acceptable level of comfort and safety. On-street parking, installation of bicycle facilities, and/or striping enhancements are common examples of street width reduction. Chokers or bulb-outs described below also provide street width reductions.

Chokers/Bulb-outs: Chokers are a midblock roadway narrowing. Chokers at intersections are referred as bulb-outs. Both are designed to encourage slower speeds. Studies show a reduction of speed from 1 to 3.5 MPH with little to no vehicular volume reduction.

Speed Feedback Signs: These portable, interactive signs display a vehicle's current speed to remind the driver to slow down and obey the posted speed limit. Research shows these types of signs have been effective at reducing speeds by up to 5 MPH.

Speed Cushions/Humps: Generally located on residential streets or other low-speed roads, these raised pavement structures force motorists to slow down to a safe speed. Studies show speed humps can be effective at reducing speeds by 6 to 13 MPH. Vehicular volumes may be reduced by 20%.

Traffic Circle (Not A Roundabout): Generally located at the intersection of two local roads, these can be placed within an intersection and force the motorists to reduce speed when entering the intersection/traffic circle. Studies show a speed reduction of 5 to 13 MPH within 200 feet and 1 to 6 MPH upstream from the traffic circle. It is recommended for up to 3,500 vehicles per intersection leg.

Quick-build Roundabout: The quick-build (or modular) roundabout allows for the benefits of a permanent traffic circle or roundabout while reducing the overall cost and time of constructing the improvement. This traffic calming measure can be installed within the existing roadway and the modular nature of the material/design allows for flexibility and adjustments to the community needs.

Chicane/Lateral Shifts: These would include a series of alternating curves or shifts along a straight road which intends to reduce vehicle speed to a level comfortable to the driver. Studies show a speed reduction of 5 to 13 MPH within the curve/shift and a reduction of 3 to 9 MPH outside of the curve/shift.

Crosswalks: In general, crosswalks should not be marked at intersections unless they are intended to channelize pedestrians. Emphasis is placed on the use of marked crosswalks as a channelization device.

The following factors may be considered in determining whether a marked crosswalk should be used:

- Vehicular approach speeds from both directions.
- Vehicular volume and density.
- Vehicular turning movements.
- Pedestrian volumes.
- Roadway width.
- Day and night visibility by both pedestrians and road users.
- Channelization is desirable to clarify pedestrian routes for sighted or sight impaired pedestrians.
- Discouragement of pedestrian use of undesirable routes.
- Consistency with markings at adjacent intersections or within the same intersection.

Crosswalk markings may be established between intersections (mid-block) in accordance with California Vehicle Code (CVC) 21106(a), which states local authorities, by ordinance or resolution, may establish crosswalks between intersections.

Per CVC 21106(b), local authorities may install signs at or adjacent to an intersection directing that pedestrians shall not cross in a crosswalk indicated at the intersection. It is unlawful for any pedestrian to cross at the crosswalk prohibited by a sign.

Mid-block pedestrian crossings are generally unexpected by the motorist and should be discouraged unless, in the opinion of the engineer, there is strong justification in favor of such installation. Particular attention should be given to roadways with two or more traffic lanes in one direction as a pedestrian may be hidden from view by a vehicle yielding the right-of-way to a pedestrian.

TRAFFIC CALMING RECOMMENDATIONS

As identified previously, there is a posted speed limit of 35 MPH. Approximately 61 to 69% of vehicles exceeded the posted 35 MPH speed limit. The 85th percentile speed for this roadway ranged from 41-43 MPH. 'Speed Creep' is a situation where drivers collectively drive faster than the speed limit and as a result, speed limits steadily increase over time. Traffic calming measures are recommended to lower the 85th percentile speed and lower vehicular volume along 19th Street. To better address these conditions, the recommended traffic calming measure is to install the Quick-build Roundabout or All-Way stop installations at the intersections identified. To further improve existing conditions, the following are traffic calming measures are recommended in conjunction with a quick-build traffic circle and/or a permanent all-way stop control:

Speed feedback signs: One sign in each direction could be considered on each side of 19th Street; one sign east of Mountain Avenue in the eastbound and one sign west of Euclid Avenue in the westbound direction. These devices require solar or electrical power. However, it is a cost-effective method to reduce observed speeds of vehicles. Speed feedback signs are recommended to reduce observed speeds of vehicles. The placement of the signs should be placed in open spaces where landscaping and parked vehicles cannot block the signs. The light from the speed feedback signs is highly visible at night and could affect residents in their homes with improper placement. Proper notification should be conveyed to adjacent homes prior to placement of the speed feedback signs. It is recommended that the installation of new speed feedback signs utilize a cost-effective, phased

approach. Urban Crossroads can provide a phasing plan prior to the installation of the speed feedback signs.

Street Width Reduction: this traffic calming measure can be accomplished through striping enhancements and/or the installation of on-street bicycle facilities. This measure may only provide nominal speed reductions.

Quick-build Roundabout: The recommended quick-build roundabout installations will address near-term traffic calming concerns. This interim measure can be implemented within the existing roadway conditions without significant roadway construction. This would allow for field testing of the effectiveness of the traffic calming measure. Subsequently, an all-way stop can be utilized as a supplement to the quick-build traffic circle or as a standalone intersection control for the study area.

The following are traffic calming measures that were considered, but are not recommended for implementation:

Chokers/Bulb-outs: Although the chokers or bulb-outs narrow the width of a vehicle travel lane and may slow vehicles, this traffic calming measure may only provide nominal speed and vehicular volume reductions. The overall width of 19th Street (~40 feet wide) may not provide sufficient cost-benefit ratio to implement this measure.

Speed Cushion/Humps: Speed cushions or humps could be considered for 19th Street. These devices can be effective when residential streets experience excessive speeds. It is recommended that speed cushions or humps are to be spaced 250 to 500 feet apart to be effective and placed 150 to 250 feet away from an intersection. It is important to note these devices will also slow emergency vehicle response times, require proper maintenance and may cause vehicle damage. There may be increased liability for the City if constant maintenance is not completed. Also, nearby residential households may experience additional noise from the acceleration/deceleration of vehicles. Due to the spacing of intersections and residential driveways along 19th Street, this traffic calming measure is not recommended.

Traffic Circle (Not A Roundabout): Traffic circles can be placed within existing intersections to reduce speeds when entering the intersection/traffic circle. While this measure can reduce speeds and vehicular volume, it is recommended that other interim measures be implemented prior to construction of the traffic circle. Additional field testing should be done prior to permanent construction if this traffic calming measure is considered. Installation of these devices would be an alternative measure to the all-way stop control implementation.

Chicane/Lateral Shifts: The alternating curves or shifts may provide speed and vehicular reduction; however, this traffic calming measure would require a significant series of alternating curves or shifts to be effective. The frequency of intersections and residential driveways along 19th Street may make this traffic calming measure infeasible or ineffective. Implementation of this measure would greatly impact available on street parking to the local residents.

Crosswalks: It is not recommended that additional marked crosswalks are to be installed across 19th Street. Existing count data shows nominal pedestrian activity crossing 19th Street. There are existing marked crosswalks at the intersections of Mountain Avenue, San Antonio Avenue, and Euclid Avenue that provide sufficient crossings. These marked crosswalks are intended to direct pedestrians to cross at these desired routes rather than at mid-block locations. Safe crossing shall be facilitated with the improvements recommended in this report.

CONCLUSION

Based on the all-way stop analysis contained in this report, the following study area intersections did meet the minimum CA MUTCD requirements for the installation of an all-way stop control:

- O'malley Way & 19th Street
- Coolcrest Way & 19th Street
- Ukiah Way & 19th Street
- Redding Way & 19th Street
- Laurel Avenue & 19th Street

Installation of speed feedback signs are recommended along 19th Street to provide additional information/guidance for drivers. It is recommended that interim measures (such as speed feedback signs and street width reductions) be implemented first prior to more permanent construction of other traffic calming measures.

It is recommended that a quick-build roundabouts are to be installed to address near-term traffic calming concerns. This interim measure can be implemented within the existing roadway conditions without significant roadway construction. This would allow for field testing of the effectiveness of the traffic calming measure. Subsequently, an all-way stop can be utilized as a supplement to the quick-build traffic circle or as a standalone intersection control for the study area.

Quick-build roundabout and/or all-way stop control is recommended at these locations to manage sight distance obstructions and potential turning conflicts. If a quick-build traffic circle or an all-way stop control is not the preferred option to manage the sight obstructions, it is recommended that all sight obstructions (such as trees/vegetation and parked vehicles) be removed to provide sufficient sight distance.

If you have any questions or comments, we can be reached at bdugan@urbanxroads.com or rvu@urbanxroads.com.

ATTACHMENT A COUNT DATA

City of Upland
N/S: Kelly Avenue
E/W: W 19th Street
Weather: Clear

File Name : 01_UPL_Kel_19th 24hr
Site Code : 05126237
Start Date : 3/12/2026
Page No : 1

Groups Printed- Total Volume

	W 19th Street Westbound			Kelly Avenue Northbound			W 19th Street Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
12:00 AM	0	5	5	1	0	1	0	1	1	7
12:15 AM	0	0	0	0	0	0	3	0	3	3
12:30 AM	0	1	1	0	0	0	0	1	1	2
12:45 AM	0	0	0	0	0	0	3	0	3	3
Total	0	6	6	1	0	1	6	2	8	15
01:00 AM	0	0	0	0	0	0	2	0	2	2
01:15 AM	0	0	0	0	0	0	1	0	1	1
01:30 AM	0	0	0	0	0	0	1	0	1	1
01:45 AM	0	0	0	0	0	0	1	0	1	1
Total	0	0	0	0	0	0	5	0	5	5
02:00 AM	0	0	0	0	0	0	0	0	0	0
02:15 AM	0	1	1	0	0	0	4	0	4	5
02:30 AM	0	1	1	0	0	0	1	0	1	2
02:45 AM	0	0	0	0	0	0	0	0	0	0
Total	0	2	2	0	0	0	5	0	5	7
03:00 AM	0	3	3	0	0	0	2	1	3	6
03:15 AM	0	3	3	1	0	1	0	0	0	4
03:30 AM	0	1	1	0	0	0	1	0	1	2
03:45 AM	0	0	0	1	0	1	2	1	3	4
Total	0	7	7	2	0	2	5	2	7	16
04:00 AM	0	5	5	1	0	1	3	0	3	9
04:15 AM	0	3	3	1	0	1	0	2	2	6
04:30 AM	0	16	16	2	0	2	2	0	2	20
04:45 AM	0	15	15	0	1	1	1	1	2	18
Total	0	39	39	4	1	5	6	3	9	53
05:00 AM	0	16	16	1	0	1	3	0	3	20
05:15 AM	0	19	19	1	0	1	0	0	0	20
05:30 AM	0	11	11	0	0	0	1	1	2	13
05:45 AM	0	17	17	0	1	1	3	0	3	21
Total	0	63	63	2	1	3	7	1	8	74
06:00 AM	0	20	20	3	0	3	3	3	6	29
06:15 AM	0	17	17	1	0	1	3	0	3	21
06:30 AM	1	28	29	0	0	0	8	0	8	37
06:45 AM	0	29	29	1	1	2	10	0	10	41
Total	1	94	95	5	1	6	24	3	27	128
07:00 AM	0	49	49	1	1	2	13	0	13	64
07:15 AM	1	42	43	2	1	3	14	0	14	60
07:30 AM	0	51	51	4	6	10	42	6	48	109
07:45 AM	3	75	78	16	34	50	46	11	57	185
Total	4	217	221	23	42	65	115	17	132	418
08:00 AM	3	56	59	6	8	14	24	0	24	97
08:15 AM	1	47	48	4	3	7	24	2	26	81
08:30 AM	0	50	50	0	1	1	22	2	24	75
08:45 AM	1	33	34	0	0	0	17	1	18	52
Total	5	186	191	10	12	22	87	5	92	305
09:00 AM	0	32	32	0	0	0	22	0	22	54

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

City of Upland
N/S: Kelly Avenue
E/W: W 19th Street
Weather: Clear

File Name : 01_UPL_Kel_19th 24hr
Site Code : 05126237
Start Date : 3/12/2026
Page No : 2

Groups Printed- Total Volume

	W 19th Street Westbound			Kelly Avenue Northbound			W 19th Street Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
09:15 AM	3	24	27	1	1	2	22	0	22	51
09:30 AM	1	28	29	3	0	3	16	0	16	48
09:45 AM	0	33	33	2	0	2	31	1	32	67
Total	4	117	121	6	1	7	91	1	92	220
10:00 AM	0	37	37	1	1	2	26	0	26	65
10:15 AM	0	22	22	1	1	2	19	1	20	44
10:30 AM	0	34	34	2	0	2	31	1	32	68
10:45 AM	1	36	37	1	2	3	24	1	25	65
Total	1	129	130	5	4	9	100	3	103	242
11:00 AM	1	42	43	5	1	6	19	1	20	69
11:15 AM	2	27	29	3	1	4	21	5	26	59
11:30 AM	1	28	29	2	1	3	17	4	21	53
11:45 AM	1	34	35	2	2	4	26	2	28	67
Total	5	131	136	12	5	17	83	12	95	248
12:00 PM	1	40	41	2	1	3	27	2	29	73
12:15 PM	1	34	35	3	0	3	25	1	26	64
12:30 PM	2	32	34	6	4	10	35	1	36	80
12:45 PM	0	33	33	3	1	4	50	0	50	87
Total	4	139	143	14	6	20	137	4	141	304
01:00 PM	1	18	19	1	2	3	23	3	26	48
01:15 PM	1	31	32	4	3	7	32	4	36	75
01:30 PM	1	38	39	0	2	2	24	2	26	67
01:45 PM	3	30	33	1	1	2	47	4	51	86
Total	6	117	123	6	8	14	126	13	139	276
02:00 PM	2	42	44	3	1	4	55	4	59	107
02:15 PM	2	35	37	2	9	11	59	7	66	114
02:30 PM	1	51	52	14	22	36	59	2	61	149
02:45 PM	0	26	26	2	4	6	76	2	78	110
Total	5	154	159	21	36	57	249	15	264	480
03:00 PM	1	31	32	1	1	2	112	2	114	148
03:15 PM	1	35	36	6	2	8	143	3	146	190
03:30 PM	2	30	32	1	1	2	142	3	145	179
03:45 PM	0	22	22	1	1	2	164	0	164	188
Total	4	118	122	9	5	14	561	8	569	705
04:00 PM	0	33	33	3	2	5	138	2	140	178
04:15 PM	2	29	31	0	8	8	131	2	133	172
04:30 PM	3	28	31	1	2	3	176	1	177	211
04:45 PM	2	36	38	1	1	2	156	2	158	198
Total	7	126	133	5	13	18	601	7	608	759
05:00 PM	0	32	32	2	2	4	166	3	169	205
05:15 PM	0	46	46	0	1	1	133	3	136	183
05:30 PM	1	34	35	3	0	3	155	3	158	196
05:45 PM	0	37	37	2	0	2	139	1	140	179
Total	1	149	150	7	3	10	593	10	603	763
06:00 PM	3	33	36	1	3	4	120	0	120	160
06:15 PM	0	26	26	2	1	3	132	2	134	163
06:30 PM	1	17	18	2	1	3	99	2	101	122
06:45 PM	3	24	27	0	0	0	132	0	132	159
Total	7	100	107	5	5	10	483	4	487	604

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

City of Upland
N/S: Kelly Avenue
E/W: W 19th Street
Weather: Clear

File Name : 01_UPL_Kel_19th 24hr
Site Code : 05126237
Start Date : 3/12/2026
Page No : 3

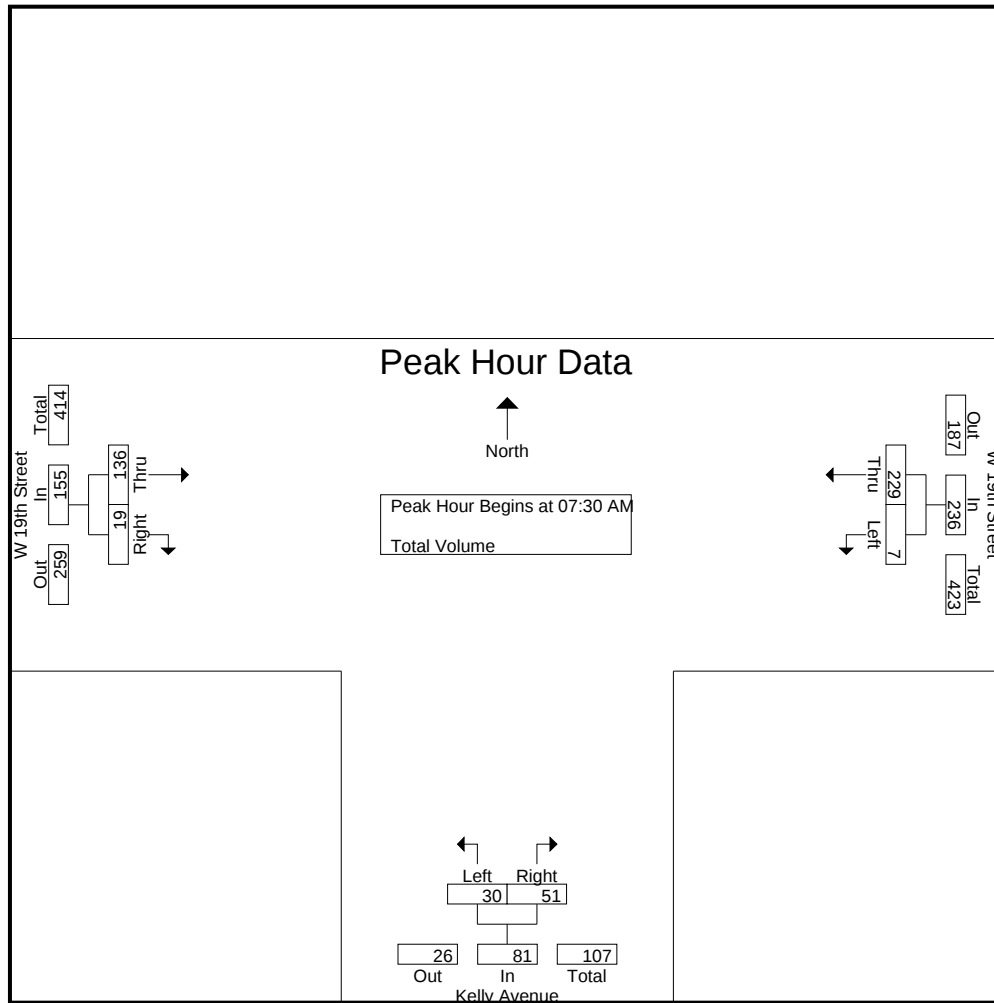
Groups Printed- Total Volume

	W 19th Street Westbound			Kelly Avenue Northbound			W 19th Street Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
07:00 PM	0	24	24	0	0	0	134	3	137	161
07:15 PM	2	23	25	0	3	3	72	0	72	100
07:30 PM	2	28	30	0	1	1	31	1	32	63
07:45 PM	1	22	23	1	0	1	21	3	24	48
Total	5	97	102	1	4	5	258	7	265	372
08:00 PM	0	13	13	2	1	3	26	1	27	43
08:15 PM	1	16	17	2	1	3	21	3	24	44
08:30 PM	0	14	14	0	1	1	26	0	26	41
08:45 PM	0	12	12	0	0	0	17	2	19	31
Total	1	55	56	4	3	7	90	6	96	159
09:00 PM	1	21	22	2	2	4	27	3	30	56
09:15 PM	1	17	18	0	1	1	12	1	13	32
09:30 PM	0	12	12	0	0	0	17	1	18	30
09:45 PM	1	13	14	2	0	2	16	0	16	32
Total	3	63	66	4	3	7	72	5	77	150
10:00 PM	1	11	12	1	0	1	16	1	17	30
10:15 PM	0	7	7	0	0	0	10	1	11	18
10:30 PM	0	4	4	0	0	0	9	0	9	13
10:45 PM	0	4	4	1	0	1	4	2	6	11
Total	1	26	27	2	0	2	39	4	43	72
11:00 PM	0	4	4	0	0	0	3	0	3	7
11:15 PM	0	3	3	0	0	0	7	1	8	11
11:30 PM	0	1	1	0	0	0	7	3	10	11
11:45 PM	0	3	3	0	0	0	7	0	7	10
Total	0	11	11	0	0	0	24	4	28	39
Grand Total	64	2146	2210	148	153	301	3767	136	3903	6414
Apprch %	2.9	97.1		49.2	50.8		96.5	3.5		
Total %	1	33.5	34.5	2.3	2.4	4.7	58.7	2.1	60.9	

City of Upland
N/S: Kelly Avenue
E/W: W 19th Street
Weather: Clear

File Name : 01_UPL_Kel_19th 24hr
Site Code : 05126237
Start Date : 3/12/2026
Page No : 4

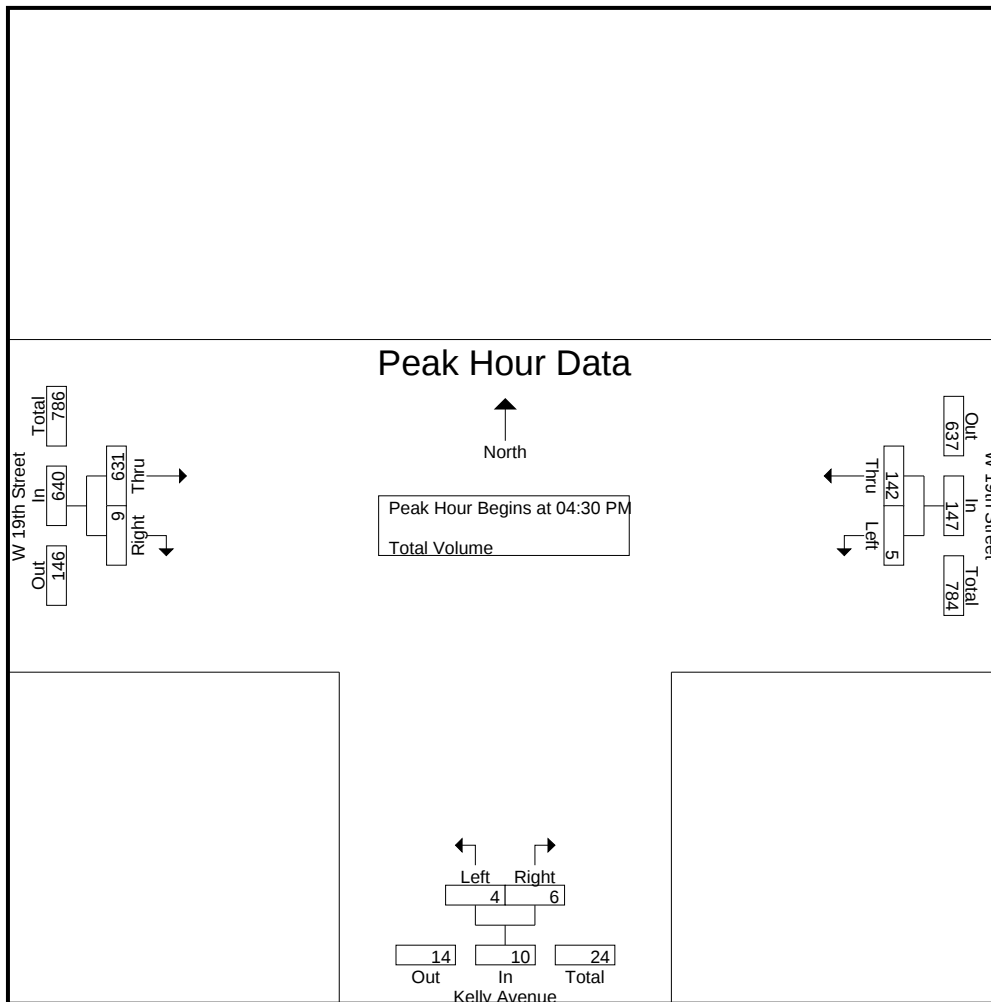
	W 19th Street Westbound			Kelly Avenue Northbound			W 19th Street Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 12:00 AM to 11:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:30 AM										
07:30 AM	0	51	51	4	6	10	42	6	48	109
07:45 AM	3	75	78	16	34	50	46	11	57	185
08:00 AM	3	56	59	6	8	14	24	0	24	97
08:15 AM	1	47	48	4	3	7	24	2	26	81
Total Volume	7	229	236	30	51	81	136	19	155	472
% App. Total	3	97		37	63		87.7	12.3		
PHF	.583	.763	.756	.469	.375	.405	.739	.432	.680	.638



City of Upland
N/S: Kelly Avenue
E/W: W 19th Street
Weather: Clear

File Name : 01_UPL_Kel_19th 24hr
Site Code : 05126237
Start Date : 3/12/2026
Page No : 5

	W 19th Street Westbound			Kelly Avenue Northbound			W 19th Street Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 11:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 04:30 PM										
04:30 PM	3	28	31	1	2	3	176	1	177	211
04:45 PM	2	36	38	1	1	2	156	2	158	198
05:00 PM	0	32	32	2	2	4	166	3	169	205
05:15 PM	0	46	46	0	1	1	133	3	136	183
Total Volume	5	142	147	4	6	10	631	9	640	797
% App. Total	3.4	96.6		40	60		98.6	1.4		
PHF	.417	.772	.799	.500	.750	.625	.896	.750	.904	.944



Location: Upland
 N/S: Kelly Avenue
 E/W: W 19th Street



Date: 3/12/2026
 Day Thursday

PEDESTRIANS

Time	North Leg Dead End	East Leg W 19th Street	South Leg Kelly Avenue	West Leg W 19th Street	TOTAL
12:00 AM	0	0	0	0	0
12:15 AM	0	0	0	0	0
12:30 AM	0	0	0	0	0
12:45 AM	0	0	0	0	0
1:00 AM	0	0	0	0	0
1:15 AM	0	0	0	0	0
1:30 AM	0	0	0	0	0
1:45 AM	0	0	0	0	0
2:00 AM	0	0	0	0	0
2:15 AM	0	0	0	0	0
2:30 AM	0	0	0	0	0
2:45 AM	0	0	0	0	0
3:00 AM	0	0	0	0	0
3:15 AM	0	0	0	0	0
3:30 AM	0	0	0	0	0
3:45 AM	0	0	0	0	0
4:00 AM	0	0	0	0	0
4:15 AM	0	0	0	0	0
4:30 AM	0	0	0	0	0
4:45 AM	0	0	0	0	0
5:00 AM	0	0	0	0	0
5:15 AM	0	0	0	0	0
5:30 AM	0	0	0	0	0
5:45 AM	0	0	1	0	1
6:00 AM	0	0	0	0	0
6:15 AM	0	0	0	0	0
6:30 AM	0	0	1	0	1
6:45 AM	0	0	0	0	0
7:00 AM	0	0	1	0	1
7:15 AM	0	0	0	0	0
7:30 AM	0	0	0	0	0
7:45 AM	0	0	0	0	0
8:00 AM	0	0	1	0	1
8:15 AM	0	0	0	0	0
8:30 AM	0	0	0	0	0
8:45 AM	0	0	0	0	0
9:00 AM	0	0	0	0	0
9:15 AM	0	0	0	0	0
9:30 AM	0	0	0	0	0
9:45 AM	0	0	0	0	0
10:00 AM	0	0	0	0	0
10:15 AM	0	0	0	0	0
10:30 AM	0	0	0	0	0
10:45 AM	0	0	0	0	0
11:00 AM	0	0	0	0	0
11:15 AM	0	0	0	0	0
11:30 AM	0	0	0	1	1
11:45 AM	0	0	0	0	0

Location: Upland
 N/S: Kelly Avenue
 E/W: W 19th Street



Date: 3/12/2026
 Day Thursday

PEDESTRIANS

Time	North Leg Dead End	East Leg W 19th Street	South Leg Kelly Avenue	West Leg W 19th Street	TOTAL
12:00 PM	0	0	0	0	0
12:15 PM	0	0	0	0	0
12:30 PM	0	0	0	0	0
12:45 PM	0	0	0	0	0
1:00 PM	0	0	0	0	0
1:15 PM	0	0	0	0	0
1:30 PM	0	0	0	0	0
1:45 PM	0	0	1	0	1
2:00 PM	0	0	0	0	0
2:15 PM	0	0	2	0	2
2:30 PM	0	0	0	0	0
2:45 PM	0	0	0	0	0
3:00 PM	0	0	0	0	0
3:15 PM	0	0	0	0	0
3:30 PM	0	0	0	0	0
3:45 PM	0	0	0	0	0
4:00 PM	0	0	0	0	0
4:15 PM	0	0	0	0	0
4:30 PM	0	0	0	0	0
4:45 PM	0	0	0	0	0
5:00 PM	0	0	0	0	0
5:15 PM	0	0	0	0	0
5:30 PM	0	0	0	0	0
5:45 PM	0	0	0	0	0
6:00 PM	0	0	0	0	0
6:15 PM	0	0	0	0	0
6:30 PM	0	0	0	0	0
6:45 PM	0	0	0	0	0
7:00 PM	0	0	0	0	0
7:15 PM	0	0	0	0	0
7:30 PM	0	0	0	0	0
7:45 PM	0	0	2	0	2
8:00 PM	0	0	0	0	0
8:15 PM	0	0	0	0	0
8:30 PM	0	0	0	0	0
8:45 PM	0	0	0	0	0
9:00 PM	0	0	0	0	0
9:15 PM	0	0	0	0	0
9:30 PM	0	0	0	0	0
9:45 PM	0	0	0	0	0
10:00 PM	0	0	0	0	0
10:15 PM	0	0	0	0	0
10:30 PM	0	0	0	0	0
10:45 PM	0	0	0	0	0
11:00 PM	0	0	0	0	0
11:15 PM	0	0	0	0	0
11:30 PM	0	0	0	0	0
11:45 PM	0	0	0	0	0
TOTAL VOLUMES:	0	0	9	1	10

Location: Upland
N/S: Kelly Avenue
E/W: W 19th Street

Date: 3/12/2026
Day: Thursday



BICYCLES

	Southbound Dead End			Westbound W 19th Street			Northbound Kelly Avenue			Eastbound W 19th Street			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
12:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0

Location: Upland
N/S: Kelly Avenue
E/W: W 19th Street

Date: 3/12/2026
Day: Thursday



BICYCLES

	Southbound Dead End			Westbound W 19th Street			Northbound Kelly Avenue			Eastbound W 19th Street			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:45 PM	0	0	0	0	0	0	0	0	1	0	0	0	1
3:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:15 PM	0	0	0	1	0	0	0	0	0	0	0	0	1
3:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	1	0	0	0	0	1	0	0	0	2

City of Upland
N/S: Kelly Avenue
E/W: W 19th Street
Weather: Clear

File Name : 01_UPL_Kel_19th 24hr
Site Code : 05126237
Start Date : 3/12/2026
Page No : 1

Groups Printed- Total Volume

Start Time	Kelly Avenue Southbound			W 19th Street Westbound			W 19th Street Eastbound			Int. Total
	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	
12:00 AM	0	0	0	5	0	5	0	0	0	5
12:15 AM	0	0	0	0	0	0	0	3	3	3
12:30 AM	0	0	0	1	0	1	0	0	0	1
12:45 AM	0	0	0	0	0	0	0	3	3	3
Total	0	0	0	6	0	6	0	6	6	12
01:00 AM	0	0	0	0	0	0	0	2	2	2
01:15 AM	0	0	0	0	0	0	0	1	1	1
01:30 AM	0	0	0	0	0	0	0	1	1	1
01:45 AM	0	0	0	0	0	0	0	1	1	1
Total	0	0	0	0	0	0	0	5	5	5
02:00 AM	0	0	0	0	0	0	0	0	0	0
02:15 AM	0	0	0	1	0	1	0	4	4	5
02:30 AM	0	0	0	1	0	1	0	1	1	2
02:45 AM	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	2	0	2	0	5	5	7
03:00 AM	0	0	0	3	0	3	0	2	2	5
03:15 AM	0	0	0	3	0	3	0	0	0	3
03:30 AM	0	0	0	1	0	1	0	1	1	2
03:45 AM	0	0	0	0	0	0	0	2	2	2
Total	0	0	0	7	0	7	0	5	5	12
04:00 AM	0	0	0	5	0	5	0	3	3	8
04:15 AM	0	1	1	2	0	2	0	0	0	3
04:30 AM	0	0	0	16	0	16	0	2	2	18
04:45 AM	0	2	2	13	1	14	0	2	2	18
Total	0	3	3	36	1	37	0	7	7	47
05:00 AM	0	0	0	16	0	16	0	3	3	19
05:15 AM	0	0	0	19	0	19	0	0	0	19
05:30 AM	0	0	0	11	0	11	0	1	1	12
05:45 AM	0	0	0	17	0	17	0	4	4	21
Total	0	0	0	63	0	63	0	8	8	71
06:00 AM	0	0	0	20	0	20	1	2	3	23
06:15 AM	0	0	0	17	0	17	0	3	3	20
06:30 AM	0	0	0	29	0	29	0	8	8	37
06:45 AM	0	0	0	29	0	29	0	11	11	40
Total	0	0	0	95	0	95	1	24	25	120
07:00 AM	0	0	0	49	0	49	0	14	14	63
07:15 AM	0	2	2	41	0	41	0	15	15	58
07:30 AM	2	0	2	51	0	51	1	47	48	101
07:45 AM	0	0	0	78	0	78	0	80	80	158
Total	2	2	4	219	0	219	1	156	157	380
08:00 AM	0	1	1	58	0	58	0	32	32	91
08:15 AM	0	1	1	47	2	49	1	26	27	77
08:30 AM	0	0	0	50	0	50	0	23	23	73
08:45 AM	0	1	1	33	0	33	0	17	17	51
Total	0	3	3	188	2	190	1	98	99	292

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

City of Upland
N/S: Kelly Avenue
E/W: W 19th Street
Weather: Clear

File Name : 01_UPL_Kel_19th 24hr
Site Code : 05126237
Start Date : 3/12/2026
Page No : 2

Groups Printed- Total Volume

	Kelly Avenue Southbound			W 19th Street Westbound			W 19th Street Eastbound			
Start Time	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	Int. Total
09:00 AM	0	0	0	32	0	32	0	22	22	54
09:15 AM	1	1	2	26	0	26	0	23	23	51
09:30 AM	0	1	1	28	1	29	0	16	16	46
09:45 AM	1	0	1	33	0	33	1	30	31	65
Total	2	2	4	119	1	120	1	91	92	216
10:00 AM	0	3	3	34	0	34	0	27	27	64
10:15 AM	1	0	1	22	0	22	0	20	20	43
10:30 AM	0	1	1	33	1	34	1	30	31	66
10:45 AM	0	1	1	36	0	36	1	25	26	63
Total	1	5	6	125	1	126	2	102	104	236
11:00 AM	0	2	2	41	0	41	0	20	20	63
11:15 AM	0	2	2	27	0	27	2	20	22	51
11:30 AM	1	1	2	28	0	28	0	18	18	48
11:45 AM	0	0	0	35	0	35	0	28	28	63
Total	1	5	6	131	0	131	2	86	88	225
12:00 PM	0	1	1	40	0	40	1	27	28	69
12:15 PM	0	0	0	35	0	35	1	24	25	60
12:30 PM	0	1	1	33	1	34	2	37	39	74
12:45 PM	0	1	1	32	1	33	0	51	51	85
Total	0	3	3	140	2	142	4	139	143	288
01:00 PM	0	0	0	19	0	19	1	24	25	44
01:15 PM	0	0	0	32	0	32	0	35	35	67
01:30 PM	1	1	2	38	2	40	1	25	26	68
01:45 PM	2	1	3	32	1	33	4	44	48	84
Total	3	2	5	121	3	124	6	128	134	263
02:00 PM	1	1	2	43	0	43	0	56	56	101
02:15 PM	0	1	1	36	1	37	1	67	68	106
02:30 PM	0	0	0	52	1	53	0	81	81	134
02:45 PM	2	2	4	24	1	25	3	77	80	109
Total	3	4	7	155	3	158	4	281	285	450
03:00 PM	0	1	1	31	1	32	0	113	113	146
03:15 PM	0	1	1	35	1	36	2	143	145	182
03:30 PM	1	1	2	31	1	32	0	143	143	177
03:45 PM	1	0	1	22	1	23	0	165	165	189
Total	2	3	5	119	4	123	2	564	566	694
04:00 PM	1	1	2	32	2	34	0	140	140	176
04:15 PM	0	0	0	31	0	31	0	139	139	170
04:30 PM	0	0	0	31	0	31	2	176	178	209
04:45 PM	0	0	0	38	0	38	0	157	157	195
Total	1	1	2	132	2	134	2	612	614	750
05:00 PM	0	3	3	29	0	29	0	168	168	200
05:15 PM	1	0	1	46	0	46	0	134	134	181
05:30 PM	1	0	1	35	0	35	3	152	155	191
05:45 PM	0	0	0	37	1	38	0	139	139	177
Total	2	3	5	147	1	148	3	593	596	749
06:00 PM	1	0	1	36	2	38	1	122	123	162
06:15 PM	0	0	0	26	0	26	0	133	133	159

City of Upland
N/S: Kelly Avenue
E/W: W 19th Street
Weather: Clear

File Name : 01_UPL_Kel_19th 24hr
Site Code : 05126237
Start Date : 3/12/2026
Page No : 3

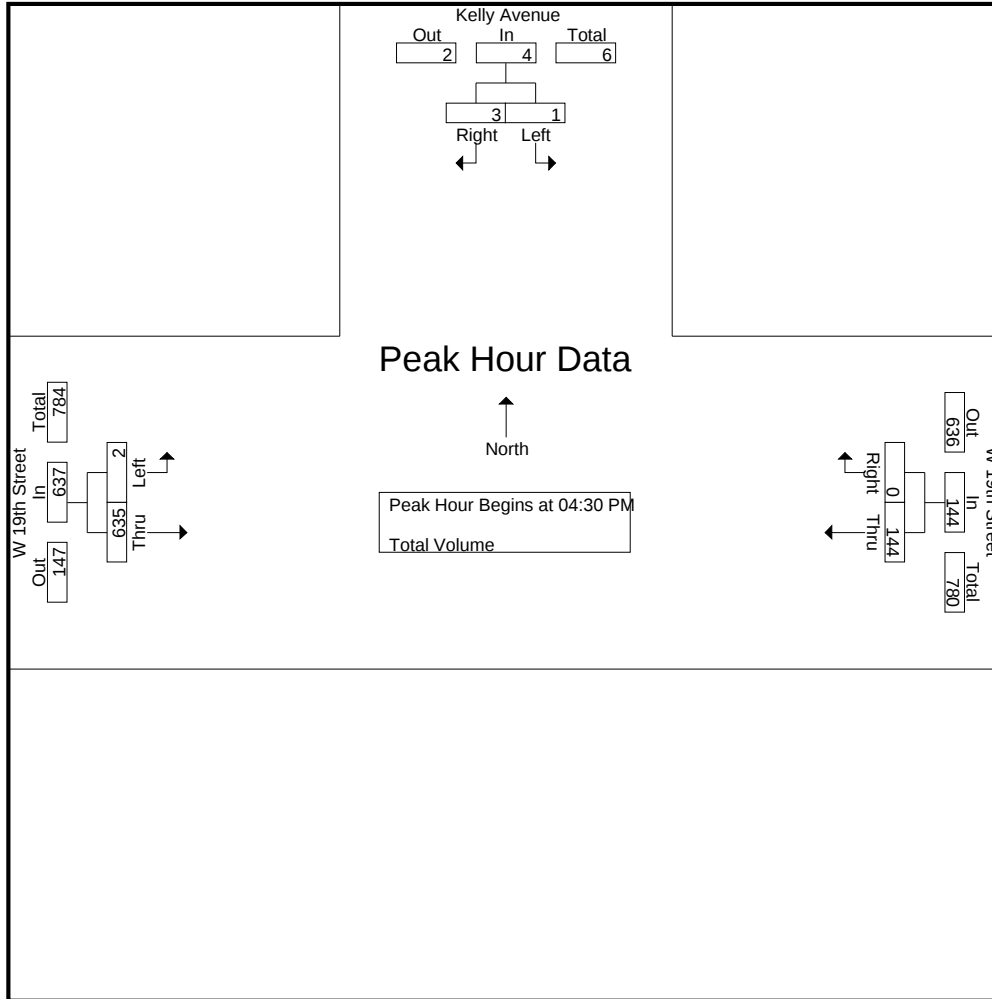
Groups Printed- Total Volume

	Kelly Avenue Southbound			W 19th Street Westbound			W 19th Street Eastbound			
Start Time	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	Int. Total
06:30 PM	0	0	0	18	0	18	0	100	100	118
06:45 PM	0	1	1	26	0	26	0	132	132	159
Total	1	1	2	106	2	108	1	487	488	598
07:00 PM	0	0	0	24	0	24	1	133	134	158
07:15 PM	1	0	1	25	0	25	0	75	75	101
07:30 PM	0	0	0	30	0	30	0	32	32	62
07:45 PM	0	0	0	23	0	23	0	21	21	44
Total	1	0	1	102	0	102	1	261	262	365
08:00 PM	0	0	0	13	1	14	0	27	27	41
08:15 PM	0	0	0	17	0	17	0	22	22	39
08:30 PM	0	0	0	14	0	14	0	27	27	41
08:45 PM	0	0	0	12	0	12	0	17	17	29
Total	0	0	0	56	1	57	0	93	93	150
09:00 PM	0	1	1	21	0	21	1	28	29	51
09:15 PM	1	1	2	17	0	17	0	13	13	32
09:30 PM	0	0	0	12	0	12	0	17	17	29
09:45 PM	0	1	1	13	0	13	1	15	16	30
Total	1	3	4	63	0	63	2	73	75	142
10:00 PM	0	0	0	12	0	12	1	15	16	28
10:15 PM	0	0	0	7	0	7	0	10	10	17
10:30 PM	0	0	0	4	0	4	0	9	9	13
10:45 PM	0	0	0	4	0	4	0	4	4	8
Total	0	0	0	27	0	27	1	38	39	66
11:00 PM	0	0	0	4	0	4	0	3	3	7
11:15 PM	0	0	0	3	0	3	0	7	7	10
11:30 PM	0	0	0	1	0	1	0	7	7	8
11:45 PM	0	1	1	2	0	2	1	6	7	10
Total	0	1	1	10	0	10	1	23	24	35
Grand Total	20	41	61	2169	23	2192	35	3885	3920	6173
Apprch %	32.8	67.2		99	1		0.9	99.1		
Total %	0.3	0.7	1	35.1	0.4	35.5	0.6	62.9	63.5	

	Kelly Avenue Southbound			W 19th Street Westbound			W 19th Street Eastbound			
Start Time	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	Int. Total
Peak Hour Analysis From 12:00 AM to 11:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 04:30 PM										
04:30 PM	0	0	0	31	0	31	2	176	178	209
04:45 PM	0	0	0	38	0	38	0	157	157	195
05:00 PM	0	3	3	29	0	29	0	168	168	200
05:15 PM	1	0	1	46	0	46	0	134	134	181
Total Volume	1	3	4	144	0	144	2	635	637	785
% App. Total	25	75		100	0		0.3	99.7		
PHF	.250	.250	.333	.783	.000	.783	.250	.902	.895	.939

City of Upland
N/S: Kelly Avenue
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Weather: Clear

File Name : 01_UPL_Kel_19th 24hr
Site Code : 05126237
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Peak Hour Analysis From 12:00 AM to 11:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	01:30 PM			07:30 AM			04:15 PM		
+0 mins.	1	1	2	51	0	51	0	139	139
+15 mins.	2	1	3	78	0	78	2	176	178
+30 mins.	1	1	2	58	0	58	0	157	157
+45 mins.	0	1	1	47	2	49	0	168	168
Total Volume	4	4	8	234	2	236	2	640	642
% App. Total	50	50		99.2	0.8		0.3	99.7	
PHF	.500	1.000	.667	.750	.250	.756	.250	.909	.902

Location: Upland
 N/S: Kelly Avenue
 E/W: W 19th Street



Date: 3/12/2026
 Day Thursday

PEDESTRIANS

Time	North Leg Dead End	East Leg W 19th Street	South Leg Kelly Avenue	West Leg W 19th Street	TOTAL
12:00 AM	0	0	0	0	0
12:15 AM	0	0	0	0	0
12:30 AM	0	0	0	0	0
12:45 AM	0	0	0	0	0
1:00 AM	0	0	0	0	0
1:15 AM	0	0	0	0	0
1:30 AM	0	0	0	0	0
1:45 AM	0	0	0	0	0
2:00 AM	0	0	0	0	0
2:15 AM	0	0	0	0	0
2:30 AM	0	0	0	0	0
2:45 AM	0	0	0	0	0
3:00 AM	0	0	0	0	0
3:15 AM	0	0	0	0	0
3:30 AM	0	0	0	0	0
3:45 AM	0	0	0	0	0
4:00 AM	0	0	0	0	0
4:15 AM	0	0	0	0	0
4:30 AM	0	0	0	0	0
4:45 AM	0	0	0	0	0
5:00 AM	0	0	0	0	0
5:15 AM	0	0	0	0	0
5:30 AM	0	0	0	0	0
5:45 AM	0	0	0	0	0
6:00 AM	0	0	0	0	0
6:15 AM	0	0	0	0	0
6:30 AM	0	0	0	0	0
6:45 AM	1	0	0	0	1
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	0	0	0	0	0
7:45 AM	0	0	0	0	0
8:00 AM	0	0	0	0	0
8:15 AM	0	0	0	0	0
8:30 AM	0	0	0	0	0
8:45 AM	2	1	0	0	3
9:00 AM	1	0	0	0	1
9:15 AM	0	0	0	0	0
9:30 AM	1	0	0	0	1
9:45 AM	0	0	0	0	0
10:00 AM	0	0	0	0	0
10:15 AM	2	0	0	0	2
10:30 AM	0	0	0	0	0
10:45 AM	0	0	0	0	0
11:00 AM	0	0	0	0	0
11:15 AM	0	0	0	0	0
11:30 AM	0	0	0	0	0
11:45 AM	0	0	0	0	0

Location: Upland
 N/S: Kelly Avenue
 E/W: W 19th Street



Date: 3/12/2026
 Day Thursday

PEDESTRIANS

Time	North Leg Dead End	East Leg W 19th Street	South Leg Kelly Avenue	West Leg W 19th Street	TOTAL
12:00 PM	0	0	0	0	0
12:15 PM	0	0	0	0	0
12:30 PM	0	0	0	0	0
12:45 PM	0	0	0	0	0
1:00 PM	0	0	0	0	0
1:15 PM	0	0	0	0	0
1:30 PM	0	0	0	0	0
1:45 PM	0	0	0	0	0
2:00 PM	0	0	0	0	0
2:15 PM	0	0	0	0	0
2:30 PM	0	0	0	0	0
2:45 PM	0	0	0	0	0
3:00 PM	0	0	0	0	0
3:15 PM	0	0	0	0	0
3:30 PM	0	0	0	0	0
3:45 PM	0	0	0	0	0
4:00 PM	0	0	0	0	0
4:15 PM	0	0	0	0	0
4:30 PM	0	0	0	0	0
4:45 PM	1	0	0	0	1
5:00 PM	0	0	0	0	0
5:15 PM	0	0	0	0	0
5:30 PM	0	0	0	0	0
5:45 PM	0	0	0	0	0
6:00 PM	2	0	0	0	2
6:15 PM	2	0	0	0	2
6:30 PM	2	0	0	0	2
6:45 PM	0	0	0	0	0
7:00 PM	0	0	0	0	0
7:15 PM	0	0	0	0	0
7:30 PM	1	0	0	0	1
7:45 PM	0	0	0	0	0
8:00 PM	0	0	0	0	0
8:15 PM	0	0	0	0	0
8:30 PM	0	0	0	0	0
8:45 PM	0	0	0	0	0
9:00 PM	0	0	0	0	0
9:15 PM	0	0	0	0	0
9:30 PM	0	0	0	0	0
9:45 PM	0	0	0	0	0
10:00 PM	0	0	0	0	0
10:15 PM	0	0	0	0	0
10:30 PM	0	0	0	0	0
10:45 PM	0	0	0	0	0
11:00 PM	0	0	0	0	0
11:15 PM	0	0	0	0	0
11:30 PM	0	0	0	0	0
11:45 PM	0	0	0	0	0
TOTAL VOLUMES:	15	1	0	0	16

Location: Upland
N/S: Kelly Avenue
E/W: W 19th Street

Date: 3/12/2026
Day: Thursday



BICYCLES

	Southbound Dead End			Westbound W 19th Street			Northbound Kelly Avenue			Eastbound W 19th Street			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
12:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	7	0	7
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:15 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
9:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0

Location: Upland
N/S: Kelly Avenue
E/W: W 19th Street

Date: 3/12/2026
Day: Thursday



BICYCLES

	Southbound Dead End			Westbound W 19th Street			Northbound Kelly Avenue			Eastbound W 19th Street			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:15 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
3:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
6:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	3	0	0	0	0	0	8	0	11

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City of Upland
N/S: O'malley Way
E/W: W 19th Street
Weather: Clear

File Name : 02_UPL_O'm_19th 24hr
Site Code : 05126237
Start Date : 3/12/2026
Page No : 1

Groups Printed- Total Volume

	O'malley Way Southbound				W 19th Street Westbound				O'malley Way Northbound				W 19th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
12:00 AM	0	0	0	0	0	5	0	5	0	0	0	0	0	1	0	1	6
12:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3	3
12:30 AM	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
12:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	3	3
Total	0	0	1	1	0	5	0	5	0	0	0	0	1	6	0	7	13
01:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2
01:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
01:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
01:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5	5
02:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:15 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	4	0	4	5
02:30 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1	2
02:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	2	0	2	0	0	0	0	0	5	0	5	7
03:00 AM	0	0	0	0	0	3	0	3	0	0	0	0	0	2	0	2	5
03:15 AM	0	0	0	0	0	3	0	3	0	0	0	0	0	0	0	0	3
03:30 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
03:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2
Total	0	0	0	0	0	7	0	7	0	0	0	0	0	4	0	4	11
04:00 AM	0	0	0	0	0	5	0	5	0	0	0	0	0	2	0	2	7
04:15 AM	0	0	0	0	0	3	0	3	0	0	0	0	0	0	0	0	3
04:30 AM	0	0	0	0	0	15	1	16	1	0	0	1	0	2	0	2	19
04:45 AM	0	0	3	3	0	10	1	11	2	0	0	2	0	2	0	2	18
Total	0	0	3	3	0	33	2	35	3	0	0	3	0	6	0	6	47
05:00 AM	0	0	0	0	0	12	0	12	3	0	0	3	0	3	0	3	18
05:15 AM	1	0	2	3	0	16	0	16	1	0	0	1	0	0	0	0	20
05:30 AM	0	0	0	0	0	10	0	10	1	0	0	1	0	1	0	1	12
05:45 AM	0	0	1	1	0	16	0	16	0	0	0	0	0	4	0	4	21
Total	1	0	3	4	0	54	0	54	5	0	0	5	0	8	0	8	71
06:00 AM	1	0	1	2	0	18	0	18	1	0	0	1	0	2	1	3	24
06:15 AM	0	0	0	0	0	15	0	15	2	0	0	2	0	3	0	3	20
06:30 AM	1	0	3	4	0	25	0	25	1	0	0	1	0	8	0	8	38
06:45 AM	0	0	0	0	0	25	0	25	2	0	0	2	0	10	1	11	38
Total	2	0	4	6	0	83	0	83	6	0	0	6	0	23	2	25	120
07:00 AM	0	0	0	0	0	45	0	45	4	0	0	4	0	12	1	13	62
07:15 AM	1	0	0	1	0	39	0	39	1	0	0	1	0	14	1	15	56
07:30 AM	1	1	2	4	0	46	1	47	2	0	0	2	0	44	3	47	100
07:45 AM	0	1	1	2	0	73	1	74	3	0	0	3	0	79	2	81	160
Total	2	2	3	7	0	203	2	205	10	0	0	10	0	149	7	156	378
08:00 AM	2	0	1	3	0	55	0	55	3	0	2	5	1	32	2	35	98
08:15 AM	0	0	0	0	0	46	1	47	3	0	0	3	0	23	1	24	74
08:30 AM	6	0	0	6	0	42	0	42	1	0	2	3	1	21	2	24	75
08:45 AM	0	0	2	2	1	27	0	28	4	0	0	4	0	17	0	17	51
Total	8	0	3	11	1	170	1	172	11	0	4	15	2	93	5	100	298

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City of Upland
N/S: O'malley Way
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File Name : 02_UPL_O'm_19th 24hr
Site Code : 05126237
Start Date : 3/12/2026
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Groups Printed- Total Volume

	O'malley Way Southbound				W 19th Street Westbound				O'malley Way Northbound				W 19th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
09:00 AM	0	0	1	1	0	29	0	29	2	0	0	2	0	20	2	22	54
09:15 AM	0	0	0	0	0	23	1	24	3	0	0	3	0	21	3	24	51
09:30 AM	0	0	0	0	0	28	0	28	0	0	1	1	0	14	2	16	45
09:45 AM	0	0	0	0	0	33	0	33	1	0	1	2	1	28	2	31	66
Total	0	0	1	1	0	113	1	114	6	0	2	8	1	83	9	93	216
10:00 AM	1	0	2	3	1	30	0	31	1	0	0	1	1	23	3	27	62
10:15 AM	1	0	1	2	1	20	0	21	1	0	1	2	2	17	2	21	46
10:30 AM	0	0	1	1	2	33	1	36	0	0	1	1	0	24	5	29	67
10:45 AM	0	0	1	1	0	33	0	33	2	0	1	3	0	23	2	25	62
Total	2	0	5	7	4	116	1	121	4	0	3	7	3	87	12	102	237
11:00 AM	0	0	1	1	0	38	1	39	2	0	1	3	2	17	2	21	64
11:15 AM	0	0	1	1	0	24	0	24	2	0	0	2	1	19	0	20	47
11:30 AM	1	0	0	1	0	27	0	27	2	0	1	3	0	17	2	19	50
11:45 AM	0	0	0	0	0	33	0	33	0	0	0	0	1	23	2	26	59
Total	1	0	2	3	0	122	1	123	6	0	2	8	4	76	6	86	220
12:00 PM	1	0	1	2	1	38	0	39	1	0	0	1	0	29	0	29	71
12:15 PM	0	0	0	0	0	33	0	33	3	0	0	3	2	18	3	23	59
12:30 PM	0	0	1	1	0	31	0	31	1	0	0	1	1	32	1	34	67
12:45 PM	0	0	0	0	0	33	0	33	2	0	0	2	1	48	3	52	87
Total	1	0	2	3	1	135	0	136	7	0	0	7	4	127	7	138	284
01:00 PM	1	0	0	1	0	17	1	18	1	0	0	1	0	23	1	24	44
01:15 PM	0	0	1	1	0	31	1	32	0	0	0	0	1	29	4	34	67
01:30 PM	2	0	0	2	0	37	0	37	4	0	0	4	2	24	0	26	69
01:45 PM	3	0	0	3	0	32	1	33	2	0	0	2	1	41	4	46	84
Total	6	0	1	7	0	117	3	120	7	0	0	7	4	117	9	130	264
02:00 PM	1	0	3	4	0	35	1	36	4	0	0	4	1	53	5	59	103
02:15 PM	1	1	0	2	0	36	0	36	0	0	0	0	1	63	2	66	104
02:30 PM	0	0	1	1	0	49	3	52	3	0	0	3	3	76	1	80	136
02:45 PM	1	0	1	2	0	22	1	23	2	0	0	2	1	76	2	79	106
Total	3	1	5	9	0	142	5	147	9	0	0	9	6	268	10	284	449
03:00 PM	0	0	0	0	1	32	0	33	0	0	0	0	0	111	1	112	145
03:15 PM	1	0	1	2	0	35	4	39	1	0	0	1	1	142	0	143	185
03:30 PM	1	0	0	1	1	32	2	35	0	0	0	0	1	142	3	146	182
03:45 PM	0	0	2	2	0	19	0	19	2	0	1	3	1	160	4	165	189
Total	2	0	3	5	2	118	6	126	3	0	1	4	3	555	8	566	701
04:00 PM	2	1	2	5	1	30	2	33	1	0	1	2	3	136	4	143	183
04:15 PM	0	0	0	0	0	29	0	29	2	0	2	4	1	133	5	139	172
04:30 PM	2	1	0	3	1	29	2	32	1	0	1	2	0	176	0	176	213
04:45 PM	0	0	0	0	0	35	0	35	3	0	0	3	0	155	1	156	194
Total	4	2	2	8	2	123	4	129	7	0	4	11	4	600	10	614	762
05:00 PM	0	0	0	0	0	29	0	29	1	0	0	1	2	165	4	171	201
05:15 PM	1	0	0	1	0	44	2	46	1	0	1	2	1	133	2	136	185
05:30 PM	1	0	3	4	0	30	0	30	2	0	0	2	2	149	2	153	189
05:45 PM	1	0	0	1	0	35	3	38	1	0	2	3	1	136	2	139	181
Total	3	0	3	6	0	138	5	143	5	0	3	8	6	583	10	599	756
06:00 PM	1	0	0	1	0	34	1	35	4	0	0	4	1	118	6	125	165
06:15 PM	0	0	1	1	0	25	0	25	0	0	1	1	0	128	4	132	159

City of Upland
N/S: O'malley Way
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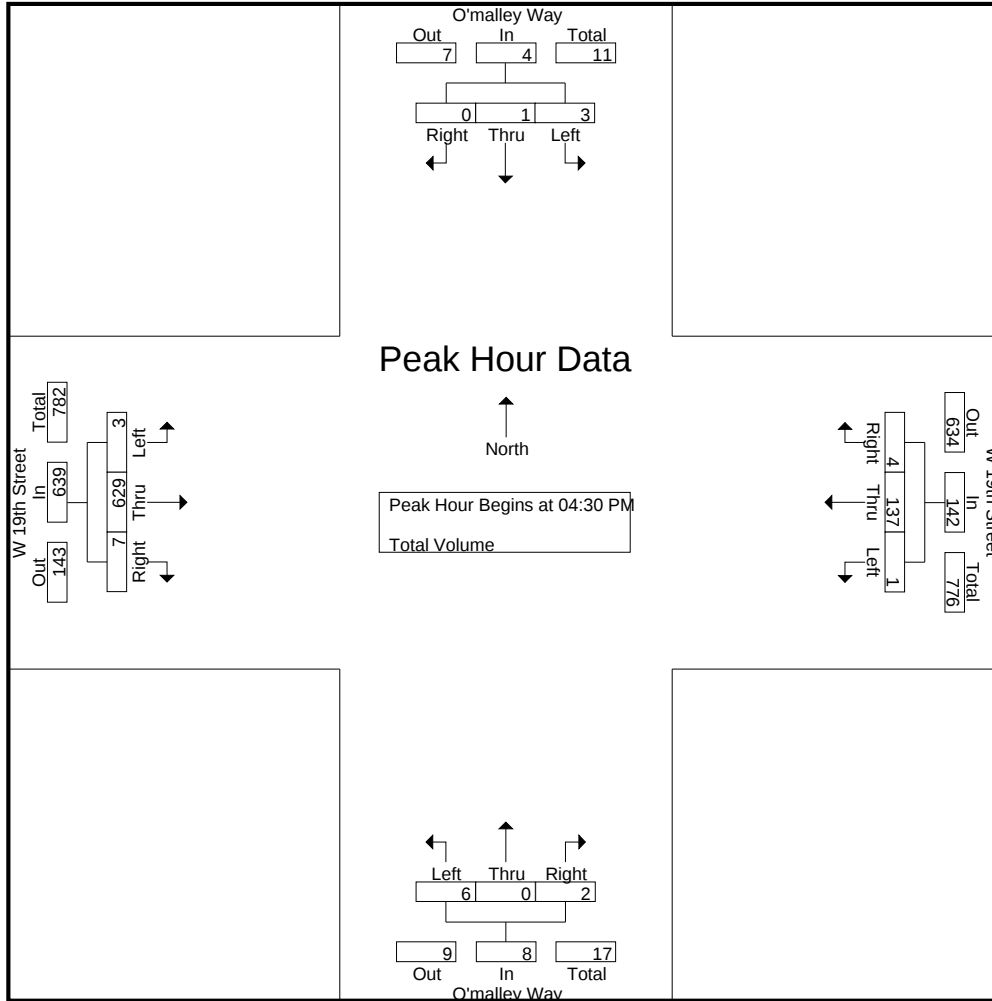
Groups Printed- Total Volume

	O'malley Way Southbound				W 19th Street Westbound				O'malley Way Northbound				W 19th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
06:30 PM	0	0	1	1	0	18	1	19	0	0	2	2	2	95	2	99	121
06:45 PM	1	0	1	2	0	25	0	25	0	0	0	0	3	123	4	130	157
Total	2	0	3	5	0	102	2	104	4	0	3	7	6	464	16	486	602
07:00 PM	0	0	0	0	0	24	0	24	1	0	0	1	0	133	0	133	158
07:15 PM	1	0	2	3	1	21	0	22	1	0	1	2	2	72	4	78	105
07:30 PM	0	0	0	0	0	28	1	29	2	1	1	4	0	33	0	33	66
07:45 PM	1	0	1	2	1	22	0	23	0	0	0	0	0	22	0	22	47
Total	2	0	3	5	2	95	1	98	4	1	2	7	2	260	4	266	376
08:00 PM	0	0	0	0	0	15	0	15	0	0	0	0	1	26	0	27	42
08:15 PM	0	0	0	0	0	14	1	15	2	0	0	2	2	19	1	22	39
08:30 PM	0	0	0	0	0	12	0	12	2	0	0	2	0	25	1	26	40
08:45 PM	0	0	0	0	0	10	0	10	2	0	0	2	0	15	3	18	30
Total	0	0	0	0	0	51	1	52	6	0	0	6	3	85	5	93	151
09:00 PM	0	0	0	0	0	19	0	19	2	0	1	3	0	21	6	27	49
09:15 PM	0	0	0	0	0	16	1	17	1	0	0	1	0	13	2	15	33
09:30 PM	1	0	0	1	1	10	0	11	2	0	0	2	2	15	0	17	31
09:45 PM	0	0	0	0	0	14	0	14	0	0	0	0	0	14	1	15	29
Total	1	0	0	1	1	59	1	61	5	0	1	6	2	63	9	74	142
10:00 PM	0	0	0	0	0	11	0	11	1	0	0	1	1	12	1	14	26
10:15 PM	0	0	0	0	0	6	1	7	1	0	0	1	0	10	1	11	19
10:30 PM	0	0	0	0	0	4	0	4	0	0	0	0	1	5	3	9	13
10:45 PM	0	0	0	0	0	4	0	4	0	0	0	0	0	4	0	4	8
Total	0	0	0	0	0	25	1	26	2	0	0	2	2	31	5	38	66
11:00 PM	0	0	0	0	0	3	0	3	0	0	0	0	0	2	1	3	6
11:15 PM	0	0	0	0	0	3	0	3	0	0	0	0	0	7	0	7	10
11:30 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	6	0	6	7
11:45 PM	0	0	0	0	0	2	0	2	0	0	0	0	0	5	1	6	8
Total	0	0	0	0	0	8	0	8	1	0	0	1	0	20	2	22	31
Grand Total	40	5	47	92	13	2021	37	2071	111	1	25	137	53	3718	136	3907	6207
Apprch %	43.5	5.4	51.1		0.6	97.6	1.8		81	0.7	18.2		1.4	95.2	3.5		
Total %	0.6	0.1	0.8	1.5	0.2	32.6	0.6	33.4	1.8	0	0.4	2.2	0.9	59.9	2.2	62.9	

	O'malley Way Southbound				W 19th Street Westbound				O'malley Way Northbound				W 19th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 12:00 AM to 11:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	2	1	0	3	1	29	2	32	1	0	1	2	0	176	0	176	213
04:45 PM	0	0	0	0	0	35	0	35	3	0	0	3	0	155	1	156	194
05:00 PM	0	0	0	0	0	29	0	29	1	0	0	1	2	165	4	171	201
05:15 PM	1	0	0	1	0	44	2	46	1	0	1	2	1	133	2	136	185
Total Volume	3	1	0	4	1	137	4	142	6	0	2	8	3	629	7	639	793
% App. Total	75	25	0		0.7	96.5	2.8		75	0	25		0.5	98.4	1.1		
PHF	.375	.250	.000	.333	.250	.778	.500	.772	.500	.000	.500	.667	.375	.893	.438	.908	.931

City of Upland
N/S: O'malley Way
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Peak Hour Analysis From 12:00 AM to 11:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:30 AM				08:00 AM				04:15 PM			
+0 mins.	0	1	1	2	0	46	1	47	3	0	2	5	1	133	5	139
+15 mins.	2	0	1	3	0	73	1	74	3	0	0	3	0	176	0	176
+30 mins.	0	0	0	0	0	55	0	55	1	0	2	3	0	155	1	156
+45 mins.	6	0	0	6	0	46	1	47	4	0	0	4	2	165	4	171
Total Volume	8	1	2	11	0	220	3	223	11	0	4	15	3	629	10	642
% App. Total	72.7	9.1	18.2		0	98.7	1.3		73.3	0	26.7		0.5	98	1.6	
PHF	.333	.250	.500	.458	.000	.753	.750	.753	.688	.000	.500	.750	.375	.893	.500	.912

Location: Upland
N/S: O'malley Way
E/W: W 19th Street



Date: 3/12/2026
Day Thursday

PEDESTRIANS

Time	North Leg O'malley Way	East Leg W 19th Street	South Leg O'malley Way	West Leg W 19th Street	TOTAL
12:00 AM	0	0	0	0	0
12:15 AM	0	0	0	0	0
12:30 AM	0	0	0	0	0
12:45 AM	0	0	0	0	0
1:00 AM	0	0	0	0	0
1:15 AM	0	0	0	0	0
1:30 AM	0	0	0	0	0
1:45 AM	0	0	0	0	0
2:00 AM	0	0	0	0	0
2:15 AM	0	0	0	0	0
2:30 AM	0	0	0	0	0
2:45 AM	0	0	0	0	0
3:00 AM	0	0	0	0	0
3:15 AM	0	0	0	0	0
3:30 AM	0	0	0	0	0
3:45 AM	0	0	0	0	0
4:00 AM	0	0	0	0	0
4:15 AM	0	0	0	0	0
4:30 AM	0	0	0	0	0
4:45 AM	0	0	0	0	0
5:00 AM	0	0	0	0	0
5:15 AM	0	0	0	0	0
5:30 AM	0	0	0	0	0
5:45 AM	0	0	1	0	1
6:00 AM	0	0	0	0	0
6:15 AM	0	0	0	0	0
6:30 AM	0	0	1	0	1
6:45 AM	1	0	1	0	2
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	0	0	0	0	0
7:45 AM	0	0	1	0	1
8:00 AM	0	0	1	0	1
8:15 AM	0	0	1	0	1
8:30 AM	0	0	0	0	0
8:45 AM	0	0	0	0	0
9:00 AM	1	0	1	0	2
9:15 AM	0	0	0	0	0
9:30 AM	1	0	0	0	1
9:45 AM	0	0	1	0	1
10:00 AM	0	0	0	0	0
10:15 AM	0	0	0	0	0
10:30 AM	2	0	0	0	2
10:45 AM	0	0	0	0	0
11:00 AM	0	0	0	0	0
11:15 AM	0	0	0	0	0
11:30 AM	0	0	0	0	0
11:45 AM	1	0	1	0	2

Location: Upland
N/S: O'malley Way
E/W: W 19th Street



Date: 3/12/2026
Day Thursday

PEDESTRIANS

Time	North Leg O'malley Way	East Leg W 19th Street	South Leg O'malley Way	West Leg W 19th Street	TOTAL
12:00 PM	0	0	0	0	0
12:15 PM	0	0	0	0	0
12:30 PM	0	0	0	0	0
12:45 PM	0	0	0	0	0
1:00 PM	0	0	0	0	0
1:15 PM	0	0	0	0	0
1:30 PM	0	0	0	0	0
1:45 PM	0	0	1	0	1
2:00 PM	0	0	0	0	0
2:15 PM	0	0	0	0	0
2:30 PM	0	0	0	0	0
2:45 PM	0	0	0	0	0
3:00 PM	0	0	0	0	0
3:15 PM	0	0	0	0	0
3:30 PM	0	0	0	0	0
3:45 PM	0	0	0	0	0
4:00 PM	0	0	0	0	0
4:15 PM	0	0	0	0	0
4:30 PM	0	0	0	0	0
4:45 PM	0	0	0	0	0
5:00 PM	0	0	0	0	0
5:15 PM	0	0	0	0	0
5:30 PM	0	0	1	0	1
5:45 PM	0	0	0	0	0
6:00 PM	0	0	1	0	1
6:15 PM	4	0	2	0	6
6:30 PM	3	0	2	2	7
6:45 PM	0	0	2	2	4
7:00 PM	0	0	0	0	0
7:15 PM	0	0	1	2	3
7:30 PM	0	0	0	0	0
7:45 PM	0	0	3	0	3
8:00 PM	0	0	0	0	0
8:15 PM	0	0	0	0	0
8:30 PM	0	0	0	0	0
8:45 PM	0	0	0	0	0
9:00 PM	0	0	1	0	1
9:15 PM	0	0	0	0	0
9:30 PM	0	0	0	0	0
9:45 PM	0	0	0	0	0
10:00 PM	0	0	0	0	0
10:15 PM	0	0	0	0	0
10:30 PM	0	0	0	0	0
10:45 PM	0	0	0	0	0
11:00 PM	0	0	0	0	0
11:15 PM	0	0	0	0	0
11:30 PM	0	0	0	0	0
11:45 PM	0	0	0	0	0
TOTAL VOLUMES:	13	0	23	6	42

Location: Upland
N/S: O'malley Way
E/W: W 19th Street

Date: 3/12/2026
Day: Thursday



BICYCLES

	Southbound O'malley Way			Westbound W 19th Street			Northbound O'malley Way			Eastbound W 19th Street			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
12:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	7	0	7
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:15 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
9:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0

Location: Upland
N/S: O'malley Way
E/W: W 19th Street

Date: 3/12/2026
Day: Thursday



BICYCLES

	Southbound O'malley Way			Westbound W 19th Street			Northbound O'malley Way			Eastbound W 19th Street			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:15 PM	0	0	0	0	0	1	0	0	0	0	0	0	1
3:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
6:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	2	1	0	0	0	0	8	0	11

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

City of Upland
N/S: Coolcrest Avenue
E/W: W 19th Street
Weather: Clear

File Name : 03_UPL_Cool_19th 24hr
Site Code : 05126237
Start Date : 3/12/2026
Page No : 1

Groups Printed- Total Volume

	Coolcrest Avenue Southbound				W 19th Street Westbound				Coolcrest Avenue Northbound				W 19th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
12:00 AM	0	0	0	0	0	4	0	4	0	0	0	0	0	1	0	1	5
12:15 AM	0	0	0	0	0	0	1	1	0	0	0	0	0	2	0	2	3
12:30 AM	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1
12:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	2
Total	0	0	0	0	0	4	2	6	0	0	0	0	1	4	0	5	11
01:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2
01:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
01:30 AM	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1
01:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Total	0	0	0	0	1	0	0	1	0	0	0	0	0	3	1	4	5
02:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:15 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	3	0	3	4
02:30 AM	0	0	0	0	0	1	1	2	0	0	0	0	0	1	0	1	3
02:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	2	1	3	0	0	0	0	0	4	0	4	7
03:00 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	2	0	2	3
03:15 AM	0	0	0	0	0	3	0	3	0	0	0	0	0	0	0	0	3
03:30 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
03:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Total	0	0	0	0	0	5	0	5	0	0	0	0	0	3	0	3	8
04:00 AM	2	0	0	2	0	3	0	3	0	0	0	0	0	3	0	3	8
04:15 AM	0	0	0	0	0	1	0	1	1	0	0	1	0	0	0	0	2
04:30 AM	0	0	2	2	0	13	0	13	1	0	0	1	0	2	0	2	18
04:45 AM	0	0	0	0	1	12	1	14	0	0	0	0	0	2	0	2	16
Total	2	0	2	4	1	29	1	31	2	0	0	2	0	7	0	7	44
05:00 AM	0	0	0	0	0	10	0	10	0	0	0	0	0	2	0	2	12
05:15 AM	0	0	1	1	0	10	0	10	0	0	0	0	0	1	0	1	12
05:30 AM	0	0	0	0	0	10	0	10	0	0	0	0	0	0	0	0	10
05:45 AM	1	0	0	1	0	13	0	13	1	0	0	1	0	5	0	5	20
Total	1	0	1	2	0	43	0	43	1	0	0	1	0	8	0	8	54
06:00 AM	0	0	0	0	0	13	0	13	1	0	0	1	0	4	0	4	18
06:15 AM	1	0	0	1	0	13	0	13	0	0	0	0	0	2	0	2	16
06:30 AM	1	0	1	2	0	21	0	21	0	0	0	0	0	11	0	11	34
06:45 AM	0	0	4	4	0	17	0	17	0	0	0	0	0	12	0	12	33
Total	2	0	5	7	0	64	0	64	1	0	0	1	0	29	0	29	101
07:00 AM	0	0	0	0	0	45	0	45	0	0	0	0	0	14	0	14	59
07:15 AM	0	0	0	0	0	35	0	35	0	0	0	0	0	16	0	16	51
07:30 AM	1	0	1	2	0	41	0	41	1	0	1	2	0	43	2	45	90
07:45 AM	3	0	0	3	1	68	0	69	2	0	0	2	2	74	2	78	152
Total	4	0	1	5	1	189	0	190	3	0	1	4	2	147	4	153	352
08:00 AM	0	0	1	1	0	56	1	57	5	0	0	5	0	36	2	38	101
08:15 AM	1	0	1	2	0	43	1	44	0	0	0	0	1	21	0	22	68
08:30 AM	1	0	2	3	0	39	0	39	0	0	0	0	1	19	0	20	62
08:45 AM	1	0	1	2	1	23	0	24	0	0	0	0	1	15	0	16	42
Total	3	0	5	8	1	161	2	164	5	0	0	5	3	91	2	96	273

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City of Upland
N/S: Coolcrest Avenue
E/W: W 19th Street
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File Name : 03_UPL_Cool_19th 24hr
Site Code : 05126237
Start Date : 3/12/2026
Page No : 2

Groups Printed- Total Volume

	Coolcrest Avenue Southbound				W 19th Street Westbound				Coolcrest Avenue Northbound				W 19th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
09:00 AM	0	0	1	1	0	24	1	25	0	1	1	2	1	18	2	21	49
09:15 AM	0	0	2	2	1	20	1	22	1	0	0	1	0	20	1	21	46
09:30 AM	0	0	0	0	0	29	0	29	1	0	1	2	0	14	0	14	45
09:45 AM	1	0	1	2	0	31	0	31	1	0	1	2	2	25	0	27	62
Total	1	0	4	5	1	104	2	107	3	1	3	7	3	77	3	83	202
10:00 AM	2	0	1	3	0	30	0	30	0	0	0	0	0	22	0	22	55
10:15 AM	0	0	0	0	0	18	2	20	0	0	0	0	0	17	0	17	37
10:30 AM	0	0	3	3	0	33	0	33	2	0	0	2	1	21	2	24	62
10:45 AM	1	0	0	1	0	26	1	27	1	0	0	1	1	19	2	22	51
Total	3	0	4	7	0	107	3	110	3	0	0	3	2	79	4	85	205
11:00 AM	0	0	0	0	0	35	1	36	0	0	0	0	1	19	0	20	56
11:15 AM	1	0	1	2	0	22	1	23	0	0	1	1	0	19	1	20	46
11:30 AM	0	0	0	0	1	25	1	27	1	0	0	1	0	18	0	18	46
11:45 AM	2	0	1	3	1	35	1	37	0	0	1	1	1	22	2	25	66
Total	3	0	2	5	2	117	4	123	1	0	2	3	2	78	3	83	214
12:00 PM	1	0	2	3	0	35	2	37	1	0	2	3	2	28	0	30	73
12:15 PM	0	0	1	1	0	33	0	33	1	0	0	1	2	16	0	18	53
12:30 PM	0	2	1	3	0	27	0	27	1	0	0	1	1	31	0	32	63
12:45 PM	2	0	0	2	2	30	4	36	1	0	0	1	1	40	2	43	82
Total	3	2	4	9	2	125	6	133	4	0	2	6	6	115	2	123	271
01:00 PM	3	0	1	4	0	17	1	18	1	0	0	1	0	20	1	21	44
01:15 PM	3	0	0	3	0	28	1	29	0	0	0	0	0	33	0	33	65
01:30 PM	0	0	0	0	0	34	1	35	0	0	1	1	1	24	0	25	61
01:45 PM	2	0	2	4	2	32	0	34	0	0	0	0	1	45	1	47	85
Total	8	0	3	11	2	111	3	116	1	0	1	2	2	122	2	126	255
02:00 PM	0	0	2	2	1	36	1	38	0	0	1	1	2	46	5	53	94
02:15 PM	1	0	1	2	0	33	3	36	1	0	1	2	2	59	1	62	102
02:30 PM	1	0	1	2	0	47	2	49	2	0	0	2	0	72	2	74	127
02:45 PM	0	0	0	0	0	22	0	22	1	0	0	1	1	72	0	73	96
Total	2	0	4	6	1	138	6	145	4	0	2	6	5	249	8	262	419
03:00 PM	1	1	0	2	0	30	2	32	0	0	3	3	2	106	2	110	147
03:15 PM	1	0	2	3	0	39	0	39	0	1	0	1	0	134	1	135	178
03:30 PM	1	0	0	1	0	32	0	32	0	0	1	1	2	141	2	145	179
03:45 PM	0	0	3	3	0	18	3	21	0	0	0	0	0	160	1	161	185
Total	3	1	5	9	0	119	5	124	0	1	4	5	4	541	6	551	689
04:00 PM	1	0	1	2	1	30	0	31	1	0	0	1	3	137	1	141	175
04:15 PM	0	0	2	2	1	23	0	24	0	0	0	0	1	129	2	132	158
04:30 PM	2	0	3	5	2	28	1	31	0	0	0	0	4	171	1	176	212
04:45 PM	2	0	1	3	0	34	1	35	0	0	0	0	0	152	2	154	192
Total	5	0	7	12	4	115	2	121	1	0	0	1	8	589	6	603	737
05:00 PM	1	0	1	2	0	29	2	31	1	0	0	1	1	159	4	164	198
05:15 PM	0	0	2	2	1	42	0	43	0	0	0	0	1	129	2	132	177
05:30 PM	2	0	1	3	0	25	3	28	3	0	0	3	1	147	1	149	183
05:45 PM	0	0	0	0	0	34	0	34	1	0	0	1	1	135	2	138	173
Total	3	0	4	7	1	130	5	136	5	0	0	5	4	570	9	583	731
06:00 PM	0	0	0	0	0	36	1	37	0	0	0	0	0	118	2	120	157
06:15 PM	0	0	1	1	0	24	0	24	0	0	0	0	3	116	2	121	146

City of Upland
N/S: Coolcrest Avenue
E/W: W 19th Street
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File Name : 03_UPL_Cool_19th 24hr
Site Code : 05126237
Start Date : 3/12/2026
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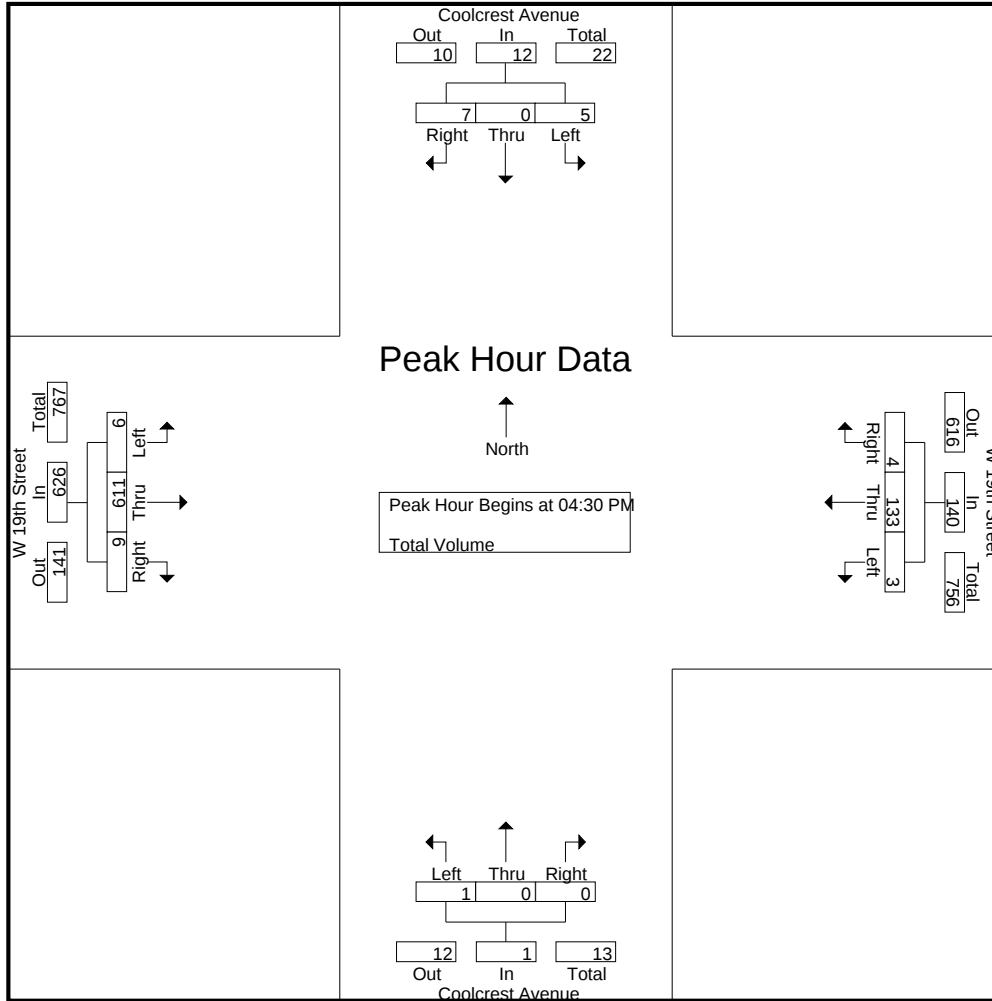
Groups Printed- Total Volume

	Coolcrest Avenue Southbound				W 19th Street Westbound				Coolcrest Avenue Northbound				W 19th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
06:30 PM	1	0	1	2	1	19	1	21	0	0	1	1	1	97	0	98	122
06:45 PM	0	0	1	1	0	24	0	24	0	0	0	0	2	119	0	121	146
Total	1	0	3	4	1	103	2	106	0	0	1	1	6	450	4	460	571
07:00 PM	0	1	1	2	1	20	0	21	0	0	1	1	1	126	4	131	155
07:15 PM	0	0	0	0	0	21	1	22	1	0	1	2	2	70	0	72	96
07:30 PM	0	0	1	1	1	22	1	24	0	0	0	0	2	28	1	31	56
07:45 PM	1	0	1	2	0	23	0	23	0	0	0	0	0	21	2	23	48
Total	1	1	3	5	2	86	2	90	1	0	2	3	5	245	7	257	355
08:00 PM	0	0	0	0	0	13	0	13	0	0	0	0	0	24	1	25	38
08:15 PM	0	0	0	0	0	14	0	14	1	0	0	1	0	16	1	17	32
08:30 PM	0	0	0	0	0	10	0	10	0	0	0	0	0	20	0	20	30
08:45 PM	0	0	0	0	0	9	0	9	0	0	0	0	0	10	2	12	21
Total	0	0	0	0	0	46	0	46	1	0	0	1	0	70	4	74	121
09:00 PM	0	0	0	0	0	18	0	18	2	0	1	3	1	12	2	15	36
09:15 PM	0	0	1	1	0	15	1	16	0	0	0	0	1	15	0	16	33
09:30 PM	0	0	0	0	0	9	0	9	0	0	0	0	2	8	0	10	19
09:45 PM	0	0	0	0	0	14	0	14	0	0	0	0	1	12	1	14	28
Total	0	0	1	1	0	56	1	57	2	0	1	3	5	47	3	55	116
10:00 PM	0	0	1	1	0	11	0	11	0	0	0	0	2	11	0	13	25
10:15 PM	0	0	0	0	0	6	0	6	0	0	0	0	3	6	0	9	15
10:30 PM	0	0	1	1	0	3	0	3	0	0	0	0	0	5	0	5	9
10:45 PM	0	0	0	0	0	3	0	3	0	0	0	0	1	2	0	3	6
Total	0	0	2	2	0	23	0	23	0	0	0	0	6	24	0	30	55
11:00 PM	0	0	0	0	0	3	0	3	0	0	0	0	0	1	0	1	4
11:15 PM	0	0	0	0	0	3	0	3	0	0	0	0	0	6	0	6	9
11:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3	3
11:45 PM	0	0	0	0	0	2	0	2	0	0	0	0	1	2	0	3	5
Total	0	0	0	0	0	8	0	8	0	0	0	0	1	12	0	13	21
Grand Total	45	4	60	109	20	1885	47	1952	38	2	19	59	65	3564	68	3697	5817
Apprch %	41.3	3.7	55		1	96.6	2.4		64.4	3.4	32.2		1.8	96.4	1.8		
Total %	0.8	0.1	1	1.9	0.3	32.4	0.8	33.6	0.7	0	0.3	1	1.1	61.3	1.2	63.6	

	Coolcrest Avenue Southbound				W 19th Street Westbound				Coolcrest Avenue Northbound				W 19th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 12:00 AM to 11:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	2	0	3	5	2	28	1	31	0	0	0	0	4	171	1	176	212
04:45 PM	2	0	1	3	0	34	1	35	0	0	0	0	0	152	2	154	192
05:00 PM	1	0	1	2	0	29	2	31	1	0	0	1	1	159	4	164	198
05:15 PM	0	0	2	2	1	42	0	43	0	0	0	0	1	129	2	132	177
Total Volume	5	0	7	12	3	133	4	140	1	0	0	1	6	611	9	626	779
% App. Total	41.7	0	58.3		2.1	95	2.9		100	0	0		1	97.6	1.4		
PHF	.625	.000	.583	.600	.375	.792	.500	.814	.250	.000	.000	.250	.375	.893	.563	.889	.919

City of Upland
N/S: Coolcrest Avenue
E/W: W 19th Street
Weather: Clear

File Name : 03_UPL_Cool_19th 24hr
Site Code : 05126237
Start Date : 3/12/2026
Page No : 4



Peak Hour Analysis From 12:00 AM to 11:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	12:30 PM				07:30 AM				07:15 AM				04:15 PM			
+0 mins.	0	2	1	3	0	41	0	41	0	0	0	0	1	129	2	132
+15 mins.	2	0	0	2	1	68	0	69	1	0	1	2	4	171	1	176
+30 mins.	3	0	1	4	0	56	1	57	2	0	0	2	0	152	2	154
+45 mins.	3	0	0	3	0	43	1	44	5	0	0	5	1	159	4	164
Total Volume	8	2	2	12	1	208	2	211	8	0	1	9	6	611	9	626
% App. Total	66.7	16.7	16.7		0.5	98.6	0.9		88.9	0	11.1		1	97.6	1.4	
PHF	.667	.250	.500	.750	.250	.765	.500	.764	.400	.000	.250	.450	.375	.893	.563	.889

Location: Upland
 N/S: Coolcrest Avenue
 E/W: W 19th Street



Date: 3/12/2026
 Day Thursday

PEDESTRIANS

Time	North Leg Coolcrest Avenue	East Leg W 19th Street	South Leg Coolcrest Avenue	West Leg W 19th Street	TOTAL
12:00 AM	0	0	0	0	0
12:15 AM	0	0	0	0	0
12:30 AM	0	0	0	0	0
12:45 AM	0	0	0	0	0
1:00 AM	0	0	0	0	0
1:15 AM	0	0	0	0	0
1:30 AM	0	0	0	0	0
1:45 AM	0	0	0	0	0
2:00 AM	0	0	0	0	0
2:15 AM	0	0	0	0	0
2:30 AM	0	0	0	0	0
2:45 AM	0	0	0	0	0
3:00 AM	0	0	0	0	0
3:15 AM	0	0	0	0	0
3:30 AM	0	0	0	0	0
3:45 AM	0	0	0	0	0
4:00 AM	0	0	0	0	0
4:15 AM	0	0	0	0	0
4:30 AM	0	0	0	0	0
4:45 AM	0	0	0	0	0
5:00 AM	0	0	0	0	0
5:15 AM	0	0	0	0	0
5:30 AM	0	0	0	0	0
5:45 AM	0	0	0	0	0
6:00 AM	0	0	0	0	0
6:15 AM	0	0	1	0	1
6:30 AM	0	0	0	0	0
6:45 AM	2	0	0	0	2
7:00 AM	1	0	1	0	2
7:15 AM	0	0	2	0	2
7:30 AM	0	0	0	0	0
7:45 AM	0	0	1	0	1
8:00 AM	0	0	1	0	1
8:15 AM	1	0	1	0	2
8:30 AM	1	0	1	0	2
8:45 AM	1	0	0	0	1
9:00 AM	1	0	1	0	2
9:15 AM	0	0	0	0	0
9:30 AM	1	0	0	0	1
9:45 AM	0	0	2	0	2
10:00 AM	2	0	0	0	2
10:15 AM	0	0	0	0	0
10:30 AM	0	0	0	0	0
10:45 AM	0	0	0	0	0
11:00 AM	0	0	2	0	2
11:15 AM	0	0	0	0	0
11:30 AM	0	0	0	0	0
11:45 AM	1	0	0	0	1

Location: Upland
 N/S: Coolcrest Avenue
 E/W: W 19th Street



Date: 3/12/2026
 Day Thursday

PEDESTRIANS

Time	North Leg Coolcrest Avenue	East Leg W 19th Street	South Leg Coolcrest Avenue	West Leg W 19th Street	TOTAL
12:00 PM	1	0	0	0	1
12:15 PM	0	0	0	0	0
12:30 PM	0	0	0	0	0
12:45 PM	0	0	0	0	0
1:00 PM	0	0	0	0	0
1:15 PM	0	0	0	0	0
1:30 PM	0	0	1	0	1
1:45 PM	0	0	1	0	1
2:00 PM	0	1	0	0	1
2:15 PM	0	0	0	0	0
2:30 PM	0	3	0	0	3
2:45 PM	0	0	0	0	0
3:00 PM	0	0	0	0	0
3:15 PM	0	0	0	0	0
3:30 PM	0	0	0	0	0
3:45 PM	0	0	0	0	0
4:00 PM	0	0	0	0	0
4:15 PM	0	0	0	0	0
4:30 PM	0	0	0	0	0
4:45 PM	0	0	0	0	0
5:00 PM	0	0	0	0	0
5:15 PM	0	0	0	0	0
5:30 PM	1	0	2	0	3
5:45 PM	2	1	0	0	3
6:00 PM	0	0	1	0	1
6:15 PM	0	0	6	0	6
6:30 PM	0	0	3	0	3
6:45 PM	0	0	2	0	2
7:00 PM	0	0	0	0	0
7:15 PM	0	0	1	0	1
7:30 PM	1	0	0	0	1
7:45 PM	0	0	0	0	0
8:00 PM	0	0	3	0	3
8:15 PM	1	0	0	0	1
8:30 PM	0	0	0	0	0
8:45 PM	0	0	1	0	1
9:00 PM	0	0	0	0	0
9:15 PM	0	0	0	0	0
9:30 PM	0	0	0	0	0
9:45 PM	0	0	0	0	0
10:00 PM	0	0	0	0	0
10:15 PM	0	0	0	0	0
10:30 PM	0	0	0	0	0
10:45 PM	0	0	0	0	0
11:00 PM	0	0	0	0	0
11:15 PM	0	0	0	0	0
11:30 PM	0	0	0	0	0
11:45 PM	0	0	0	0	0
TOTAL VOLUMES:	17	5	34	0	56

Location: Upland
N/S: Coolcrest Avenue
E/W: W 19th Street

Date: 3/12/2026
Day: Thursday



BICYCLES

	Southbound Coolcrest Avenue			Westbound W 19th Street			Northbound Coolcrest Avenue			Eastbound W 19th Street			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
12:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	7	0	7
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:15 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
9:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0

Location: Upland
N/S: Coolcrest Avenue
E/W: W 19th Street

Date: 3/12/2026
Day: Thursday



BICYCLES

	Southbound Coolcrest Avenue			Westbound W 19th Street			Northbound Coolcrest Avenue			Eastbound W 19th Street			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00 PM	0	0	1	0	0	0	0	0	0	0	0	0	1
3:15 PM	0	0	0	0	0	0	0	0	1	0	0	0	1
3:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	1	0	0	0	0	0	0	0	0	0	0	0	1
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	1	0	0	1	0	0	1	0	0	1	0	4
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
6:30 PM	0	0	0	0	0	1	0	0	0	0	0	0	1
6:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	1	1	1	0	3	1	0	1	1	0	8	0	17

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

City of Upland
N/S: N San Antonio Avenue
E/W: W 19th Street
Weather: Clear

File Name : 04_UPL_SanA_19th 24hr
Site Code : 05126237
Start Date : 3/12/2026
Page No : 1

Groups Printed- Total Volume

	N San Antonio Avenue Southbound				W 19th Street Westbound				N San Antonio Avenue Northbound				W 19th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
12:00 AM	0	0	2	2	0	2	0	2	0	0	1	1	0	1	0	1	6
12:15 AM	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	1	2
12:30 AM	1	0	1	2	0	0	0	0	0	1	0	1	0	0	0	0	3
12:45 AM	0	0	0	0	0	0	0	0	0	1	1	2	0	0	1	1	3
Total	1	0	3	4	0	2	0	2	0	3	2	5	1	1	1	3	14
01:00 AM	0	1	0	1	2	0	0	2	0	0	0	0	0	0	1	1	4
01:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
01:30 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
01:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Total	0	1	0	1	2	1	0	3	0	0	0	0	1	1	1	3	7
02:00 AM	0	1	0	1	0	0	0	0	0	1	0	1	0	0	0	0	2
02:15 AM	0	1	1	2	0	1	0	1	0	1	0	1	0	0	1	1	5
02:30 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1	2
02:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	2	1	3	0	2	0	2	0	2	0	2	0	1	1	2	9
03:00 AM	0	1	0	1	0	1	0	1	0	0	0	0	1	1	0	2	4
03:15 AM	0	0	0	0	0	1	0	1	1	0	0	1	0	0	0	0	2
03:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Total	0	1	0	1	0	2	0	2	1	0	0	1	1	2	0	3	7
04:00 AM	0	0	0	0	1	2	0	3	1	0	0	1	0	3	2	5	9
04:15 AM	0	1	0	1	0	1	0	1	0	0	1	1	0	1	0	1	4
04:30 AM	0	0	0	0	0	6	0	6	3	0	0	3	0	2	1	3	12
04:45 AM	0	4	3	7	0	10	0	10	1	0	1	2	0	2	0	2	21
Total	0	5	3	8	1	19	0	20	5	0	2	7	0	8	3	11	46
05:00 AM	1	2	0	3	0	8	0	8	1	0	0	1	0	2	0	2	14
05:15 AM	0	0	1	1	0	7	0	7	2	0	1	3	0	1	0	1	12
05:30 AM	1	1	1	3	2	8	0	10	1	0	0	1	0	0	0	0	14
05:45 AM	0	2	0	2	1	11	1	13	2	2	3	7	1	5	1	7	29
Total	2	5	2	9	3	34	1	38	6	2	4	12	1	8	1	10	69
06:00 AM	1	2	0	3	0	8	0	8	5	3	0	8	1	3	0	4	23
06:15 AM	3	2	2	7	1	8	0	9	2	1	2	5	1	1	1	3	24
06:30 AM	2	8	4	14	0	13	1	14	2	4	2	8	0	7	1	8	44
06:45 AM	1	9	4	14	2	12	3	17	3	6	3	12	1	8	3	12	55
Total	7	21	10	38	3	41	4	48	12	14	7	33	3	19	5	27	146
07:00 AM	1	6	2	9	1	32	3	36	6	3	5	14	1	10	3	14	73
07:15 AM	2	13	1	16	9	29	2	40	5	10	3	18	3	12	4	19	93
07:30 AM	3	25	4	32	18	22	1	41	12	27	13	52	3	18	21	42	167
07:45 AM	5	66	5	76	18	44	3	65	21	59	16	96	7	34	37	78	315
Total	11	110	12	133	46	127	9	182	44	99	37	180	14	74	65	153	648
08:00 AM	3	39	7	49	10	36	2	48	15	49	9	73	4	22	9	35	205
08:15 AM	4	29	7	40	8	29	4	41	9	21	3	33	2	19	5	26	140
08:30 AM	4	10	4	18	4	26	1	31	6	17	10	33	2	14	2	18	100
08:45 AM	1	18	7	26	4	11	2	17	5	11	8	24	2	10	2	14	81
Total	12	96	25	133	26	102	9	137	35	98	30	163	10	65	18	93	526

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

City of Upland
N/S: N San Antonio Avenue
E/W: W 19th Street
Weather: Clear

File Name : 04_UPL_SanA_19th 24hr
Site Code : 05126237
Start Date : 3/12/2026
Page No : 2

Groups Printed- Total Volume

	N San Antonio Avenue Southbound				W 19th Street Westbound				N San Antonio Avenue Northbound				W 19th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
09:00 AM	7	12	4	23	3	15	1	19	6	10	4	20	2	15	4	21	83
09:15 AM	5	17	6	28	5	11	4	20	3	10	6	19	2	15	2	19	86
09:30 AM	3	13	5	21	2	22	2	26	5	7	6	18	3	11	2	16	81
09:45 AM	2	15	3	20	2	16	1	19	6	14	7	27	7	20	1	28	94
Total	17	57	18	92	12	64	8	84	20	41	23	84	14	61	9	84	344
10:00 AM	4	9	3	16	9	20	5	34	4	4	4	12	4	13	4	21	83
10:15 AM	1	13	6	20	2	15	1	18	3	13	2	18	1	10	5	16	72
10:30 AM	2	17	7	26	4	21	2	27	2	11	7	20	4	16	2	22	95
10:45 AM	3	19	2	24	6	20	1	27	6	14	8	28	3	14	1	18	97
Total	10	58	18	86	21	76	9	106	15	42	21	78	12	53	12	77	347
11:00 AM	1	12	4	17	5	23	7	35	5	15	9	29	1	16	3	20	101
11:15 AM	4	10	5	19	4	15	2	21	3	13	3	19	4	12	6	22	81
11:30 AM	9	15	3	27	10	20	8	38	7	16	8	31	1	13	3	17	113
11:45 AM	5	14	4	23	6	24	6	36	6	14	4	24	9	12	4	25	108
Total	19	51	16	86	25	82	23	130	21	58	24	103	15	53	16	84	403
12:00 PM	7	20	5	32	9	26	3	38	9	12	7	28	3	22	3	28	126
12:15 PM	2	16	5	23	8	19	3	30	4	27	11	42	2	14	13	29	124
12:30 PM	5	17	2	24	6	24	0	30	3	17	9	29	3	29	2	34	117
12:45 PM	7	17	2	26	6	25	5	36	8	19	4	31	5	33	6	44	137
Total	21	70	14	105	29	94	11	134	24	75	31	130	13	98	24	135	504
01:00 PM	7	14	5	26	5	12	5	22	3	25	13	41	4	19	4	27	116
01:15 PM	3	24	3	30	4	23	4	31	5	16	12	33	5	29	6	40	134
01:30 PM	8	13	6	27	5	29	5	39	2	16	8	26	2	17	4	23	115
01:45 PM	5	15	4	24	13	22	2	37	6	16	10	32	5	33	8	46	139
Total	23	66	18	107	27	86	16	129	16	73	43	132	16	98	22	136	504
02:00 PM	3	27	6	36	14	26	2	42	8	14	9	31	2	36	10	48	157
02:15 PM	7	20	3	30	16	28	5	49	9	15	16	40	4	42	13	59	178
02:30 PM	13	30	5	48	14	29	12	55	15	54	35	104	5	55	14	74	281
02:45 PM	1	11	2	14	12	14	6	32	7	28	14	49	3	55	9	67	162
Total	24	88	16	128	56	97	25	178	39	111	74	224	14	188	46	248	778
03:00 PM	3	31	3	37	12	24	2	38	5	25	23	53	8	92	5	105	233
03:15 PM	2	26	3	31	8	31	5	44	7	29	12	48	3	127	7	137	260
03:30 PM	1	22	3	26	10	19	3	32	9	46	20	75	0	127	3	130	263
03:45 PM	5	19	2	26	9	15	3	27	5	36	15	56	0	156	2	158	267
Total	11	98	11	120	39	89	13	141	26	136	70	232	11	502	17	530	1023
04:00 PM	5	28	3	36	5	22	4	31	5	30	16	51	5	135	9	149	267
04:15 PM	6	16	1	23	8	16	4	28	5	23	20	48	9	117	2	128	227
04:30 PM	7	18	2	27	6	24	6	36	6	18	23	47	2	153	3	158	268
04:45 PM	10	16	0	26	6	24	3	33	12	26	16	54	2	149	5	156	269
Total	28	78	6	112	25	86	17	128	28	97	75	200	18	554	19	591	1031
05:00 PM	1	22	1	24	7	22	4	33	9	24	14	47	4	138	4	146	250
05:15 PM	2	18	3	23	5	34	2	41	3	18	13	34	5	140	5	150	248
05:30 PM	8	16	0	24	7	24	4	35	4	23	11	38	3	126	7	136	233
05:45 PM	5	24	7	36	11	20	2	33	6	23	9	38	3	135	5	143	250
Total	16	80	11	107	30	100	12	142	22	88	47	157	15	539	21	575	981
06:00 PM	5	17	5	27	9	26	5	40	8	24	13	45	5	109	0	114	226
06:15 PM	6	16	2	24	5	23	4	32	1	23	9	33	4	111	1	116	205

City of Upland
N/S: N San Antonio Avenue
E/W: W 19th Street
Weather: Clear

File Name : 04_UPL_SanA_19th 24hr
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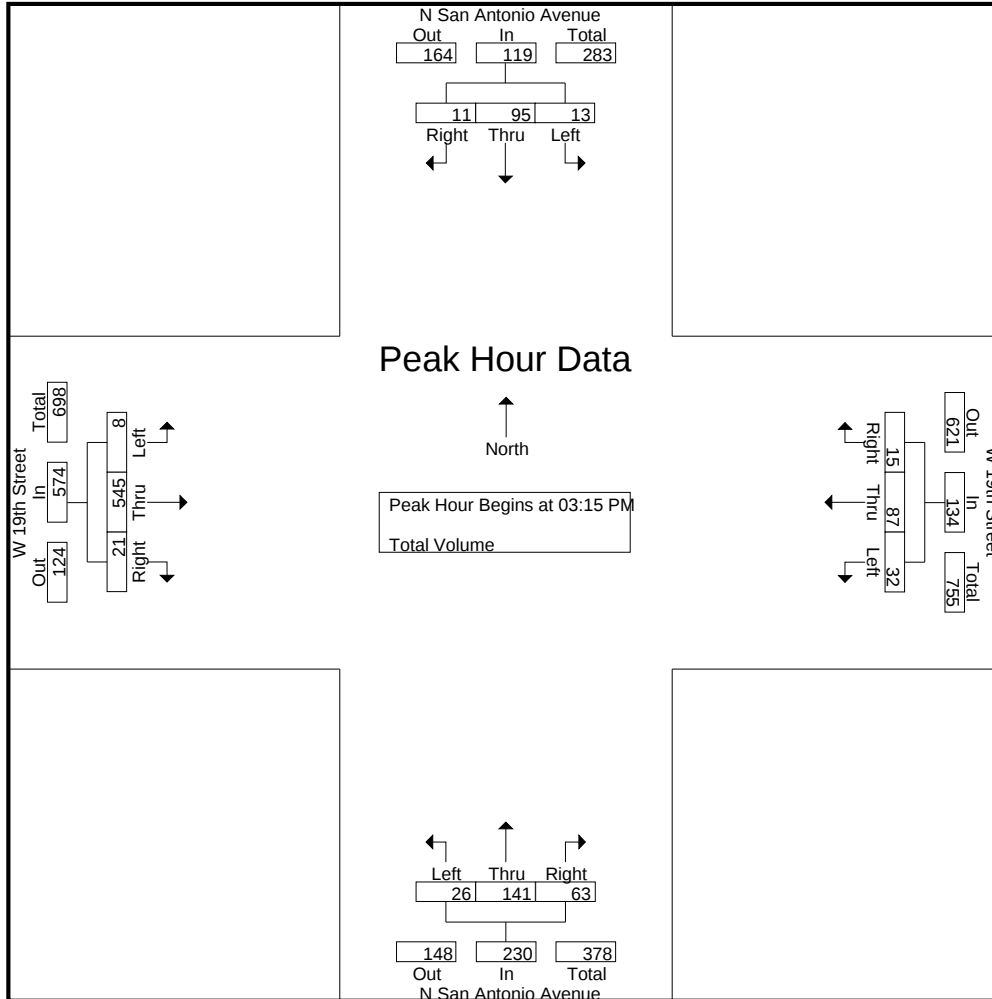
Groups Printed- Total Volume

	N San Antonio Avenue Southbound				W 19th Street Westbound				N San Antonio Avenue Northbound				W 19th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
06:30 PM	1	14	1	16	11	16	3	30	3	22	7	32	3	94	4	101	179
06:45 PM	5	16	2	23	11	17	4	32	4	19	15	38	5	111	1	117	210
Total	17	63	10	90	36	82	16	134	16	88	44	148	17	425	6	448	820
07:00 PM	5	15	4	24	7	18	0	25	3	10	6	19	5	121	2	128	196
07:15 PM	3	7	3	13	10	13	2	25	3	16	8	27	4	60	6	70	135
07:30 PM	2	7	1	10	7	22	5	34	1	12	6	19	4	22	13	39	102
07:45 PM	0	5	3	8	9	18	6	33	1	8	6	15	3	15	2	20	76
Total	10	34	11	55	33	71	13	117	8	46	26	80	16	218	23	257	509
08:00 PM	3	10	1	14	7	12	4	23	1	5	3	9	2	19	0	21	67
08:15 PM	2	7	2	11	2	11	1	14	2	10	5	17	2	11	4	17	59
08:30 PM	3	5	1	9	4	7	0	11	0	4	3	7	1	20	0	21	48
08:45 PM	2	6	0	8	2	7	3	12	1	10	9	20	2	6	0	8	48
Total	10	28	4	42	15	37	8	60	4	29	20	53	7	56	4	67	222
09:00 PM	1	11	5	17	6	12	4	22	1	16	4	21	3	10	0	13	73
09:15 PM	3	5	1	9	1	17	1	19	0	11	3	14	3	7	3	13	55
09:30 PM	1	3	2	6	3	8	2	13	2	4	2	8	1	6	0	7	34
09:45 PM	0	4	0	4	2	12	0	14	1	5	2	8	1	9	2	12	38
Total	5	23	8	36	12	49	7	68	4	36	11	51	8	32	5	45	200
10:00 PM	0	1	1	2	4	10	3	17	0	4	2	6	4	7	0	11	36
10:15 PM	0	0	1	1	4	5	4	13	0	2	1	3	0	6	0	6	23
10:30 PM	1	1	2	4	1	1	0	2	0	1	0	1	1	2	2	5	12
10:45 PM	0	0	1	1	0	2	0	2	0	3	1	4	0	2	0	2	9
Total	1	2	5	8	9	18	7	34	0	10	4	14	5	17	2	24	80
11:00 PM	0	2	1	3	0	2	0	2	0	1	0	1	0	0	0	0	6
11:15 PM	0	2	0	2	1	2	0	3	1	2	0	3	1	4	0	5	13
11:30 PM	0	1	0	1	0	0	0	0	0	1	0	1	1	4	0	5	7
11:45 PM	1	2	1	4	0	1	0	1	0	0	0	0	0	2	0	2	7
Total	1	7	2	10	1	5	0	6	1	4	0	5	2	10	0	12	33
Grand Total	246	1044	224	1514	451	1366	208	2025	347	1152	595	2094	214	3083	321	3618	9251
Apprch %	16.2	69	14.8		22.3	67.5	10.3		16.6	55	28.4		5.9	85.2	8.9		
Total %	2.7	11.3	2.4	16.4	4.9	14.8	2.2	21.9	3.8	12.5	6.4	22.6	2.3	33.3	3.5	39.1	

	N San Antonio Avenue Southbound				W 19th Street Westbound				N San Antonio Avenue Northbound				W 19th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 12:00 AM to 11:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 03:15 PM																	
03:15 PM	2	26	3	31	8	31	5	44	7	29	12	48	3	127	7	137	260
03:30 PM	1	22	3	26	10	19	3	32	9	46	20	75	0	127	3	130	263
03:45 PM	5	19	2	26	9	15	3	27	5	36	15	56	0	156	2	158	267
04:00 PM	5	28	3	36	5	22	4	31	5	30	16	51	5	135	9	149	267
Total Volume	13	95	11	119	32	87	15	134	26	141	63	230	8	545	21	574	1057
% App. Total	10.9	79.8	9.2		23.9	64.9	11.2		11.3	61.3	27.4		1.4	94.9	3.7		
PHF	.650	.848	.917	.826	.800	.702	.750	.761	.722	.766	.788	.767	.400	.873	.583	.908	.990

City of Upland
N/S: N San Antonio Avenue
E/W: W 19th Street
Weather: Clear

File Name : 04_UPL_SanA_19th 24hr
Site Code : 05126237
Start Date : 3/12/2026
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Peak Hour Analysis From 12:00 AM to 11:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				07:30 AM				07:30 AM				04:30 PM			
+0 mins.	3	25	4	32	18	22	1	41	12	27	13	52	2	153	3	158
+15 mins.	5	66	5	76	18	44	3	65	21	59	16	96	2	149	5	156
+30 mins.	3	39	7	49	10	36	2	48	15	49	9	73	4	138	4	146
+45 mins.	4	29	7	40	8	29	4	41	9	21	3	33	5	140	5	150
Total Volume	15	159	23	197	54	131	10	195	57	156	41	254	13	580	17	610
% App. Total	7.6	80.7	11.7		27.7	67.2	5.1		22.4	61.4	16.1		2.1	95.1	2.8	
PHF	.750	.602	.821	.648	.750	.744	.625	.750	.679	.661	.641	.661	.650	.948	.850	.965

Location: Upland
 N/S: N San Antonio Avenue
 E/W: W 19th Street



Date: 3/12/2026
 Day Thursday

PEDESTRIANS

Time	North Leg N San Antonio Avenue	East Leg W 19th Street	South Leg N San Antonio Avenue	West Leg W 19th Street	TOTAL
12:00 AM	0	0	0	0	0
12:15 AM	0	0	0	0	0
12:30 AM	0	0	0	0	0
12:45 AM	0	0	0	0	0
1:00 AM	0	0	0	0	0
1:15 AM	0	0	0	0	0
1:30 AM	0	0	0	0	0
1:45 AM	0	0	0	0	0
2:00 AM	0	0	0	0	0
2:15 AM	0	0	0	0	0
2:30 AM	0	0	0	0	0
2:45 AM	0	0	0	0	0
3:00 AM	0	0	0	0	0
3:15 AM	0	0	0	0	0
3:30 AM	0	0	0	0	0
3:45 AM	0	0	0	0	0
4:00 AM	0	0	0	0	0
4:15 AM	0	0	0	0	0
4:30 AM	0	0	0	0	0
4:45 AM	0	0	0	0	0
5:00 AM	0	0	0	0	0
5:15 AM	0	0	0	0	0
5:30 AM	0	0	0	0	0
5:45 AM	0	0	0	1	1
6:00 AM	0	0	0	1	1
6:15 AM	0	0	0	1	1
6:30 AM	0	0	0	1	1
6:45 AM	0	0	0	1	1
7:00 AM	1	1	1	0	3
7:15 AM	0	1	1	1	3
7:30 AM	0	0	1	0	1
7:45 AM	0	0	0	1	1
8:00 AM	1	1	0	2	4
8:15 AM	1	2	0	0	3
8:30 AM	0	3	0	0	3
8:45 AM	1	0	0	1	2
9:00 AM	1	2	1	0	4
9:15 AM	2	0	1	2	5
9:30 AM	1	3	0	1	5
9:45 AM	1	0	0	0	1
10:00 AM	0	0	0	1	1
10:15 AM	2	0	0	0	2
10:30 AM	1	0	0	1	2
10:45 AM	1	0	0	0	1
11:00 AM	1	1	0	0	2
11:15 AM	0	0	1	1	2
11:30 AM	0	0	0	0	0
11:45 AM	1	0	0	0	1

Location: Upland
 N/S: N San Antonio Avenue
 E/W: W 19th Street



Date: 3/12/2026
 Day Thursday

PEDESTRIANS

Time	North Leg N San Antonio Avenue	East Leg W 19th Street	South Leg N San Antonio Avenue	West Leg W 19th Street	TOTAL
12:00 PM	1	2	1	0	4
12:15 PM	1	1	0	0	2
12:30 PM	0	0	0	1	1
12:45 PM	0	0	0	0	0
1:00 PM	0	0	0	0	0
1:15 PM	0	0	0	0	0
1:30 PM	0	0	0	0	0
1:45 PM	0	0	0	2	2
2:00 PM	0	1	1	0	2
2:15 PM	0	0	0	0	0
2:30 PM	0	3	0	0	3
2:45 PM	0	0	0	0	0
3:00 PM	0	0	0	0	0
3:15 PM	0	0	0	0	0
3:30 PM	0	0	0	0	0
3:45 PM	0	0	0	0	0
4:00 PM	0	0	0	0	0
4:15 PM	0	0	0	0	0
4:30 PM	0	0	0	0	0
4:45 PM	0	0	0	2	2
5:00 PM	0	1	0	0	1
5:15 PM	1	0	1	0	2
5:30 PM	0	1	0	1	2
5:45 PM	1	0	0	1	2
6:00 PM	0	1	0	0	1
6:15 PM	0	0	1	1	2
6:30 PM	0	0	0	0	0
6:45 PM	0	1	1	0	2
7:00 PM	0	1	0	1	2
7:15 PM	0	0	1	2	3
7:30 PM	1	0	0	1	2
7:45 PM	0	0	0	2	2
8:00 PM	0	1	0	0	1
8:15 PM	0	1	0	0	1
8:30 PM	0	0	0	0	0
8:45 PM	0	1	0	0	1
9:00 PM	0	0	2	0	2
9:15 PM	0	0	0	0	0
9:30 PM	0	2	2	0	4
9:45 PM	0	6	0	0	6
10:00 PM	0	0	0	0	0
10:15 PM	0	0	0	0	0
10:30 PM	0	0	0	0	0
10:45 PM	0	0	0	0	0
11:00 PM	0	0	0	0	0
11:15 PM	0	0	0	0	0
11:30 PM	0	0	0	0	0
11:45 PM	0	0	0	0	0
TOTAL VOLUMES:	20	37	16	30	103

Location: Upland
N/S: N San Antonio
E/W: W 19th Street

Date: 3/12/2026
Day: Thursday



BICYCLES

	Southbound N San Antonio Avenue			Westbound W 19th Street			Northbound N San Antonio Avenue			Eastbound W 19th Street			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
12:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 AM	0	0	1	0	0	0	0	0	0	0	0	0	1
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	1	0	0	0	0	0	1	0	0	0	0	2
7:45 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
8:00 AM	0	0	0	0	0	0	0	0	0	7	0	0	7
8:15 AM	0	1	0	0	0	0	0	1	0	0	0	0	2
8:30 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:15 AM	0	0	0	0	1	0	0	1	0	0	0	0	2
9:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15 AM	1	0	0	0	0	0	0	0	0	0	0	0	1
10:30 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
10:45 AM	0	1	0	0	0	0	0	0	0	0	0	0	1
11:00 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
11:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 AM	0	0	0	0	0	0	0	2	0	0	0	0	2
11:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0

Location: Upland
N/S: N San Antonio
E/W: W 19th Street

Date: 3/12/2026
Day: Thursday



BICYCLES

	Southbound N San Antonio Avenue			Westbound W 19th Street			Northbound N San Antonio Avenue			Eastbound W 19th Street			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15 PM	0	0	0	0	0	0	0	0	0	0	0	1	1
12:30 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
12:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00 PM	0	0	0	0	0	0	0	2	0	0	0	0	2
1:15 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
1:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:45 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
2:00 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
2:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:30 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
2:45 PM	0	0	0	0	0	1	0	0	0	0	0	0	1
3:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:15 PM	0	0	0	1	0	0	0	1	0	0	0	0	2
3:30 PM	0	1	0	0	0	0	0	1	0	0	0	0	2
3:45 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	1	0	1	0	0	2
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
5:15 PM	0	0	0	0	0	0	0	0	0	1	0	0	1
5:30 PM	0	1	0	0	0	0	0	0	0	1	0	0	2
5:45 PM	0	2	0	0	0	0	0	0	1	0	0	0	3
6:00 PM	0	0	0	0	0	2	0	2	0	0	0	0	4
6:15 PM	2	0	1	0	2	0	0	0	0	0	0	0	5
6:30 PM	0	2	0	0	1	0	0	1	0	0	0	1	5
6:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 PM	0	1	0	0	0	0	0	1	0	0	0	0	2
9:00 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
9:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	3	14	2	1	5	3	0	20	1	10	1	2	62

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City of Upland
N/S: N Ukiah Way
E/W: W 19th Street
Weather: Clear

File Name : 05_UPL_Uki_19th 24hr
Site Code : 05126237
Start Date : 3/12/2026
Page No : 1

Groups Printed- Total Volume

	N Ukiah Way Southbound				W 19th Street Westbound				N Ukiah Way Northbound				W 19th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
12:00 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	2	0	2	3
12:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
12:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Total	0	0	0	0	0	1	0	1	0	0	0	0	0	4	0	4	5
01:00 AM	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2
01:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:30 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
01:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Total	0	0	0	0	0	3	0	3	0	0	0	0	0	1	0	1	4
02:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:15 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
02:30 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1	2
02:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	2	0	2	0	0	0	0	0	1	0	1	3
03:00 AM	0	0	0	0	0	1	0	1	0	0	0	0	1	0	0	1	2
03:15 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
03:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Total	0	0	0	0	0	2	0	2	0	0	0	0	1	1	0	2	4
04:00 AM	1	0	0	1	0	2	0	2	1	1	0	2	0	2	0	2	7
04:15 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	2	0	2	3
04:30 AM	0	0	0	0	0	6	0	6	0	0	0	0	0	2	0	2	8
04:45 AM	0	0	0	0	0	9	0	9	0	0	0	0	0	2	1	3	12
Total	1	0	0	1	0	18	0	18	1	1	0	2	0	8	1	9	30
05:00 AM	0	0	2	2	0	4	0	4	0	0	0	0	0	3	0	3	9
05:15 AM	0	0	0	0	0	7	0	7	0	0	0	0	0	3	0	3	10
05:30 AM	0	0	1	1	0	8	0	8	0	0	0	0	0	1	0	1	10
05:45 AM	1	0	0	1	0	11	0	11	2	0	0	2	0	8	0	8	22
Total	1	0	3	4	0	30	0	30	2	0	0	2	0	15	0	15	51
06:00 AM	0	0	0	0	0	8	0	8	1	0	0	1	0	5	0	5	14
06:15 AM	0	0	0	0	1	7	0	8	0	0	0	0	0	6	0	6	14
06:30 AM	0	0	1	1	0	13	0	13	0	0	0	0	0	11	0	11	25
06:45 AM	0	0	1	1	1	14	0	15	2	0	1	3	0	12	0	12	31
Total	0	0	2	2	2	42	0	44	3	0	1	4	0	34	0	34	84
07:00 AM	0	0	1	1	0	32	0	32	2	0	1	3	0	14	1	15	51
07:15 AM	0	0	1	1	0	38	0	38	1	0	0	1	0	17	0	17	57
07:30 AM	0	0	1	1	1	41	0	42	1	0	2	3	0	33	0	33	79
07:45 AM	1	0	0	1	0	54	0	54	3	0	8	11	0	54	0	54	120
Total	1	0	3	4	1	165	0	166	7	0	11	18	0	118	1	119	307
08:00 AM	1	0	2	3	1	48	0	49	1	0	4	5	0	33	2	35	92
08:15 AM	0	0	0	0	1	35	0	36	1	0	1	2	0	25	0	25	63
08:30 AM	1	0	1	2	0	29	0	29	0	0	0	0	0	28	0	28	59
08:45 AM	0	0	0	0	1	16	0	17	0	0	0	0	0	18	0	18	35
Total	2	0	3	5	3	128	0	131	2	0	5	7	0	104	2	106	249

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City of Upland
N/S: N Ukiah Way
E/W: W 19th Street
Weather: Clear

File Name : 05_UPL_Uki_19th 24hr
Site Code : 05126237
Start Date : 3/12/2026
Page No : 2

Groups Printed- Total Volume

	N Ukiah Way Southbound				W 19th Street Westbound				N Ukiah Way Northbound				W 19th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
09:00 AM	1	0	1	2	0	17	0	17	0	0	0	0	0	26	0	26	45
09:15 AM	0	0	0	0	0	19	0	19	0	0	0	0	0	27	0	27	46
09:30 AM	0	1	0	1	1	26	0	27	2	0	0	2	1	18	0	19	49
09:45 AM	0	0	0	0	0	19	0	19	1	0	1	2	1	27	0	28	49
Total	1	1	1	3	1	81	0	82	3	0	1	4	2	98	0	100	189
10:00 AM	1	0	0	1	0	29	1	30	2	0	2	4	1	21	0	22	57
10:15 AM	2	0	0	2	1	17	0	18	1	0	0	1	0	13	0	13	34
10:30 AM	1	0	1	2	1	26	1	28	0	0	0	0	0	25	0	25	55
10:45 AM	0	0	0	0	0	27	0	27	0	0	1	1	0	25	0	25	53
Total	4	0	1	5	2	99	2	103	3	0	3	6	1	84	0	85	199
11:00 AM	0	0	0	0	0	34	0	34	2	0	1	3	0	27	0	27	64
11:15 AM	1	0	0	1	0	21	0	21	0	0	0	0	0	17	1	18	40
11:30 AM	1	0	2	3	1	34	2	37	1	0	1	2	1	30	0	31	73
11:45 AM	0	0	1	1	1	35	0	36	2	0	0	2	0	20	0	20	59
Total	2	0	3	5	2	124	2	128	5	0	2	7	1	94	1	96	236
12:00 PM	0	0	0	0	2	35	0	37	1	0	0	1	0	34	2	36	74
12:15 PM	0	0	1	1	0	30	1	31	1	0	1	2	0	24	0	24	58
12:30 PM	0	0	1	1	0	26	0	26	0	0	1	1	1	41	0	42	70
12:45 PM	0	0	5	5	0	33	1	34	0	1	0	1	2	38	1	41	81
Total	0	0	7	7	2	124	2	128	2	1	2	5	3	137	3	143	283
01:00 PM	0	0	0	0	0	22	0	22	1	0	0	1	0	38	1	39	62
01:15 PM	0	0	2	2	0	26	1	27	1	0	0	1	0	43	2	45	75
01:30 PM	0	0	1	1	0	38	0	38	0	0	0	0	0	34	0	34	73
01:45 PM	0	0	0	0	1	38	1	40	1	0	1	2	0	45	1	46	88
Total	0	0	3	3	1	124	2	127	3	0	1	4	0	160	4	164	298
02:00 PM	0	0	1	1	0	42	1	43	0	1	1	2	1	46	3	50	96
02:15 PM	0	0	0	0	1	52	2	55	0	0	2	2	0	60	3	63	120
02:30 PM	1	0	1	2	1	39	0	40	13	0	14	27	0	97	9	106	175
02:45 PM	0	2	1	3	0	29	2	31	2	1	1	4	0	71	0	71	109
Total	1	2	3	6	2	162	5	169	15	2	18	35	1	274	15	290	500
03:00 PM	0	0	1	1	0	36	0	36	1	0	1	2	0	114	2	116	155
03:15 PM	0	0	1	1	1	39	2	42	2	0	1	3	1	138	0	139	185
03:30 PM	0	0	0	0	0	32	0	32	1	0	1	2	2	145	3	150	184
03:45 PM	1	0	0	1	1	27	1	29	0	0	0	0	0	173	2	175	205
Total	1	0	2	3	2	134	3	139	4	0	3	7	3	570	7	580	729
04:00 PM	0	0	0	0	1	30	0	31	1	0	0	1	0	153	1	154	186
04:15 PM	0	0	1	1	0	26	0	26	0	0	2	2	1	142	0	143	172
04:30 PM	1	0	2	3	0	34	0	34	0	0	0	0	2	179	1	182	219
04:45 PM	1	0	1	2	1	32	0	33	1	0	1	2	3	170	1	174	211
Total	2	0	4	6	2	122	0	124	2	0	3	5	6	644	3	653	788
05:00 PM	0	0	0	0	1	29	0	30	1	0	0	1	0	152	2	154	185
05:15 PM	0	0	0	0	2	43	0	45	0	0	0	0	2	153	0	155	200
05:30 PM	0	0	0	0	0	36	1	37	0	0	1	1	2	142	1	145	183
05:45 PM	0	0	1	1	0	31	0	31	0	0	2	2	1	146	0	147	181
Total	0	0	1	1	3	139	1	143	1	0	3	4	5	593	3	601	749
06:00 PM	0	0	1	1	0	37	0	37	0	0	0	0	1	126	0	127	165
06:15 PM	0	0	2	2	0	30	1	31	0	0	0	0	0	125	1	126	159

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City of Upland
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File Name : 05_UPL_Uki_19th 24hr
Site Code : 05126237
Start Date : 3/12/2026
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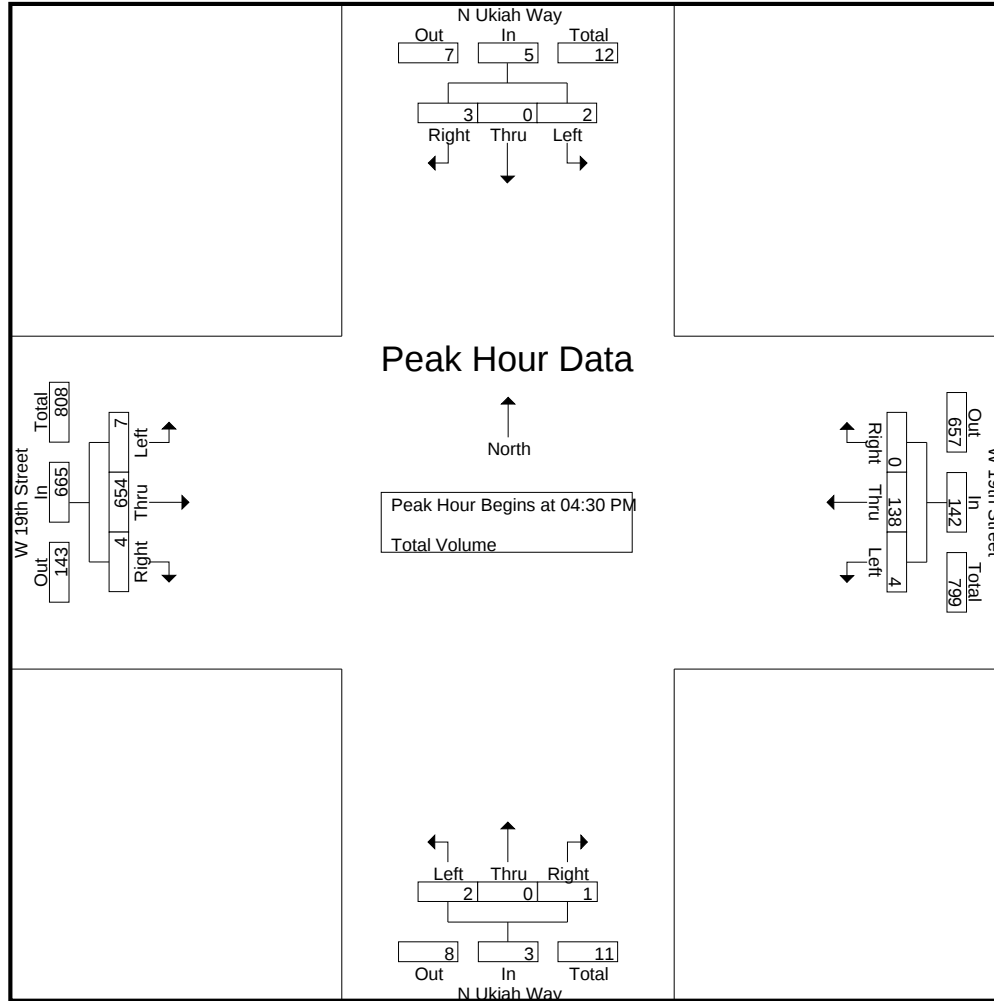
Groups Printed- Total Volume

	N Ukiah Way Southbound				W 19th Street Westbound				N Ukiah Way Northbound				W 19th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
06:30 PM	0	0	0	0	0	32	0	32	0	0	1	1	0	98	1	99	132
06:45 PM	1	0	1	2	0	30	1	31	0	0	0	0	0	129	0	129	162
Total	1	0	4	5	0	129	2	131	0	0	1	1	1	478	2	481	618
07:00 PM	0	0	1	1	0	22	0	22	1	0	0	1	0	131	1	132	156
07:15 PM	0	0	0	0	1	26	0	27	1	1	0	2	1	65	3	69	98
07:30 PM	0	0	0	0	0	32	0	32	3	0	0	3	0	32	0	32	67
07:45 PM	0	0	0	0	0	34	0	34	2	0	1	3	1	20	0	21	58
Total	0	0	1	1	1	114	0	115	7	1	1	9	2	248	4	254	379
08:00 PM	0	0	2	2	1	21	0	22	0	0	0	0	1	20	2	23	47
08:15 PM	1	0	0	1	0	14	0	14	0	0	0	0	0	14	3	17	32
08:30 PM	0	0	0	0	1	13	0	14	0	0	0	0	1	20	1	22	36
08:45 PM	0	0	0	0	1	10	0	11	1	0	0	1	0	14	0	14	26
Total	1	0	2	3	3	58	0	61	1	0	0	1	2	68	6	76	141
09:00 PM	0	0	0	0	0	22	0	22	0	0	0	0	0	15	0	15	37
09:15 PM	0	0	0	0	0	20	0	20	0	0	0	0	0	13	0	13	33
09:30 PM	0	0	0	0	0	11	0	11	0	0	0	0	2	5	1	8	19
09:45 PM	0	0	1	1	0	12	0	12	1	0	0	1	1	9	1	11	25
Total	0	0	1	1	0	65	0	65	1	0	0	1	3	42	2	47	114
10:00 PM	0	0	0	0	0	15	0	15	0	0	1	1	0	7	1	8	24
10:15 PM	0	0	0	0	0	13	0	13	0	0	0	0	1	6	0	7	20
10:30 PM	0	0	0	0	0	2	0	2	0	0	0	0	0	3	0	3	5
10:45 PM	0	0	0	0	0	2	0	2	0	0	0	0	0	3	0	3	5
Total	0	0	0	0	0	32	0	32	0	0	1	1	1	19	1	21	54
11:00 PM	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2
11:15 PM	0	0	0	0	0	3	0	3	0	0	0	0	0	2	1	3	6
11:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3	3
11:45 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	1	1	2	3
Total	0	0	0	0	0	6	0	6	0	0	0	0	0	6	2	8	14
Grand Total	18	3	44	65	27	1904	19	1950	62	5	56	123	32	3801	57	3890	6028
Apprch %	27.7	4.6	67.7		1.4	97.6	1		50.4	4.1	45.5		0.8	97.7	1.5		
Total %	0.3	0	0.7	1.1	0.4	31.6	0.3	32.3	1	0.1	0.9	2	0.5	63.1	0.9	64.5	

	N Ukiah Way Southbound				W 19th Street Westbound				N Ukiah Way Northbound				W 19th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 12:00 AM to 11:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	1	0	2	3	0	34	0	34	0	0	0	0	2	179	1	182	219
04:45 PM	1	0	1	2	1	32	0	33	1	0	1	2	3	170	1	174	211
05:00 PM	0	0	0	0	1	29	0	30	1	0	0	1	0	152	2	154	185
05:15 PM	0	0	0	0	2	43	0	45	0	0	0	0	2	153	0	155	200
Total Volume	2	0	3	5	4	138	0	142	2	0	1	3	7	654	4	665	815
% App. Total	40	0	60		2.8	97.2	0		66.7	0	33.3		1.1	98.3	0.6		
PHF	.500	.000	.375	.417	.500	.802	.000	.789	.500	.000	.250	.375	.583	.913	.500	.913	.930

City of Upland
N/S: N Ukiah Way
E/W: W 19th Street
Weather: Clear

File Name : 05_UPL_Uki_19th 24hr
Site Code : 05126237
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Peak Hour Analysis From 12:00 AM to 11:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	12:30 PM				07:15 AM				02:30 PM				04:30 PM			
+0 mins.	0	0	1	1	0	38	0	38	13	0	14	27	2	179	1	182
+15 mins.	0	0	5	5	1	41	0	42	2	1	1	4	3	170	1	174
+30 mins.	0	0	0	0	0	54	0	54	1	0	1	2	0	152	2	154
+45 mins.	0	0	2	2	1	48	0	49	2	0	1	3	2	153	0	155
Total Volume	0	0	8	8	2	181	0	183	18	1	17	36	7	654	4	665
% App. Total	0	0	100		1.1	98.9	0		50	2.8	47.2		1.1	98.3	0.6	
PHF	.000	.000	.400	.400	.500	.838	.000	.847	.346	.250	.304	.333	.583	.913	.500	.913

Location: Upland
 N/S: N Ukiah Way
 E/W: W 19th Street



Date: 3/12/2026
 Day Thursday

PEDESTRIANS

Time	North Leg N Ukiah Way	East Leg W 19th Street	South Leg N Ukiah Way	West Leg W 19th Street	TOTAL
12:00 AM	0	0	0	0	0
12:15 AM	0	0	0	0	0
12:30 AM	0	0	0	0	0
12:45 AM	0	0	0	0	0
1:00 AM	0	0	0	0	0
1:15 AM	0	0	0	0	0
1:30 AM	0	0	0	0	0
1:45 AM	0	0	0	0	0
2:00 AM	0	0	0	0	0
2:15 AM	0	0	0	0	0
2:30 AM	0	0	0	0	0
2:45 AM	0	0	0	0	0
3:00 AM	0	0	0	0	0
3:15 AM	0	0	0	0	0
3:30 AM	0	0	0	0	0
3:45 AM	0	0	0	0	0
4:00 AM	0	0	0	0	0
4:15 AM	0	0	0	0	0
4:30 AM	0	0	0	0	0
4:45 AM	0	0	0	0	0
5:00 AM	0	0	0	0	0
5:15 AM	0	0	0	0	0
5:30 AM	0	0	0	0	0
5:45 AM	0	0	0	0	0
6:00 AM	0	0	2	0	2
6:15 AM	0	0	0	0	0
6:30 AM	0	0	0	0	0
6:45 AM	0	0	0	0	0
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	0	0	1	0	1
7:45 AM	0	0	1	0	1
8:00 AM	0	0	1	0	1
8:15 AM	1	0	1	0	2
8:30 AM	0	0	1	0	1
8:45 AM	0	0	0	0	0
9:00 AM	2	0	1	2	5
9:15 AM	2	0	2	2	6
9:30 AM	0	0	1	0	1
9:45 AM	0	0	1	0	1
10:00 AM	0	0	1	0	1
10:15 AM	1	0	0	0	1
10:30 AM	0	0	0	0	0
10:45 AM	0	0	1	0	1
11:00 AM	0	0	0	0	0
11:15 AM	0	0	1	0	1
11:30 AM	1	0	0	0	1
11:45 AM	1	0	0	0	1

Location: Upland
 N/S: N Ukiah Way
 E/W: W 19th Street



Date: 3/12/2026
 Day Thursday

PEDESTRIANS

Time	North Leg N Ukiah Way	East Leg W 19th Street	South Leg N Ukiah Way	West Leg W 19th Street	TOTAL
12:00 PM	1	0	0	0	1
12:15 PM	1	0	0	0	1
12:30 PM	0	0	0	0	0
12:45 PM	0	0	0	0	0
1:00 PM	1	0	0	0	1
1:15 PM	0	0	0	0	0
1:30 PM	1	0	0	0	1
1:45 PM	0	0	0	0	0
2:00 PM	0	0	0	0	0
2:15 PM	0	0	0	0	0
2:30 PM	0	0	0	0	0
2:45 PM	0	0	0	0	0
3:00 PM	0	0	0	0	0
3:15 PM	0	0	0	0	0
3:30 PM	0	0	0	0	0
3:45 PM	0	0	0	0	0
4:00 PM	0	0	1	0	1
4:15 PM	0	0	1	0	1
4:30 PM	0	0	0	0	0
4:45 PM	0	0	0	0	0
5:00 PM	1	0	0	0	1
5:15 PM	0	0	1	0	1
5:30 PM	0	0	0	0	0
5:45 PM	0	0	0	0	0
6:00 PM	2	0	0	0	2
6:15 PM	1	0	1	0	2
6:30 PM	0	0	1	0	1
6:45 PM	7	0	1	0	8
7:00 PM	0	0	1	0	1
7:15 PM	0	0	0	0	0
7:30 PM	0	0	0	0	0
7:45 PM	0	0	0	0	0
8:00 PM	0	0	0	0	0
8:15 PM	0	0	0	0	0
8:30 PM	0	0	0	0	0
8:45 PM	0	0	1	0	1
9:00 PM	0	0	2	0	2
9:15 PM	0	0	0	0	0
9:30 PM	0	0	0	0	0
9:45 PM	0	0	0	0	0
10:00 PM	0	0	0	0	0
10:15 PM	0	0	0	0	0
10:30 PM	0	0	0	0	0
10:45 PM	0	0	0	0	0
11:00 PM	0	0	0	0	0
11:15 PM	0	0	0	0	0
11:30 PM	0	0	0	0	0
11:45 PM	0	0	0	0	0
TOTAL VOLUMES:	23	0	25	4	52

Location: Upland
N/S: N Ukiah Way
E/W: W 19th Street

Date: 3/12/2026
Day: Thursday



BICYCLES

	Southbound N Ukiah Way			Westbound W 19th Street			Northbound N Ukiah Way			Eastbound W 19th Street			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
12:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:15 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
9:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
10:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:45 AM	1	0	0	0	0	0	0	0	0	0	0	0	1
11:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0

Location: Upland
N/S: N Ukiah Way
E/W: W 19th Street

Date: 3/12/2026
Day: Thursday



BICYCLES

	Southbound N Ukiah Way			Westbound W 19th Street			Northbound N Ukiah Way			Eastbound W 19th Street			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:15 PM	0	0	0	1	0	0	0	0	0	0	0	0	1
1:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:45 PM	0	0	0	0	0	0	1	0	0	0	0	0	1
3:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:15 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
3:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	2	0	2
6:00 PM	0	0	0	0	2	0	0	0	0	0	0	0	2
6:15 PM	0	0	0	0	1	0	1	0	0	0	0	2	4
6:30 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
6:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:00 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
9:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	1	0	0	1	6	0	2	0	0	0	5	2	17

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

City of Upland
N/S: N Redding Way
E/W: W 19th Street
Weather: Clear

File Name : 06_UPL_Red_19th 24hr
Site Code : 05126237
Start Date : 3/12/2026
Page No : 1

Groups Printed- Total Volume

	N Redding Way Southbound				W 19th Street Westbound				N Redding Way Northbound				W 19th Street Eastbound				Int. Total
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
12:00 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	2	0	2	3
12:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
12:30 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	2	0	2	3
12:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Total	0	0	0	0	0	2	0	2	0	0	0	0	0	6	0	6	8
01:00 AM	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2
01:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:30 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
01:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Total	0	0	0	0	0	3	0	3	0	0	0	0	0	1	0	1	4
02:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:15 AM	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2
02:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
02:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	2	0	2	0	0	0	0	0	1	0	1	3
03:00 AM	1	0	0	1	0	1	1	2	0	0	0	0	0	0	0	0	3
03:15 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
03:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Total	1	0	0	1	0	2	1	3	0	0	0	0	0	1	0	1	5
04:00 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	3	0	3	4
04:15 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	2	0	2	3
04:30 AM	0	0	0	0	0	7	0	7	0	0	0	0	0	2	0	2	9
04:45 AM	0	0	0	0	0	8	0	8	0	0	0	0	0	2	0	2	10
Total	0	0	0	0	0	17	0	17	0	0	0	0	0	9	0	9	26
05:00 AM	1	0	0	1	0	3	0	3	1	0	0	1	0	4	0	4	9
05:15 AM	0	0	0	0	0	7	0	7	0	0	1	1	0	3	0	3	11
05:30 AM	0	0	0	0	0	8	0	8	0	0	0	0	0	1	0	1	9
05:45 AM	0	0	1	1	0	10	0	10	0	0	0	0	0	8	1	9	20
Total	1	0	1	2	0	28	0	28	1	0	1	2	0	16	1	17	49
06:00 AM	0	0	0	0	0	7	0	7	0	0	0	0	0	5	0	5	12
06:15 AM	0	0	0	0	0	8	0	8	0	0	0	0	0	6	0	6	14
06:30 AM	0	0	0	0	0	12	0	12	1	0	1	2	0	10	0	10	24
06:45 AM	1	0	2	3	0	12	0	12	1	0	0	1	0	11	1	12	28
Total	1	0	2	3	0	39	0	39	2	0	1	3	0	32	1	33	78
07:00 AM	1	0	1	2	2	29	0	31	3	0	2	5	2	12	2	16	54
07:15 AM	0	0	0	0	0	35	0	35	2	0	2	4	1	15	0	16	55
07:30 AM	0	0	0	0	0	38	1	39	1	0	2	3	0	33	0	33	75
07:45 AM	0	0	1	1	1	51	0	52	0	0	2	2	0	63	0	63	118
Total	1	0	2	3	3	153	1	157	6	0	8	14	3	123	2	128	302
08:00 AM	1	0	2	3	2	49	0	51	0	0	1	1	1	39	0	40	95
08:15 AM	0	0	1	1	1	36	2	39	0	0	1	1	0	24	0	24	65
08:30 AM	0	0	0	0	0	29	0	29	0	0	0	0	1	30	0	31	60
08:45 AM	0	0	0	0	1	15	0	16	2	0	1	3	0	18	0	18	37
Total	1	0	3	4	4	129	2	135	2	0	3	5	2	111	0	113	257

Counts Unlimited, Inc.
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City of Upland
N/S: N Redding Way
E/W: W 19th Street
Weather: Clear

File Name : 06_UPL_Red_19th 24hr
Site Code : 05126237
Start Date : 3/12/2026
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Groups Printed- Total Volume

	N Redding Way Southbound				W 19th Street Westbound				N Redding Way Northbound				W 19th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
09:00 AM	1	0	1	2	1	15	0	16	0	0	2	2	0	27	0	27	47
09:15 AM	1	0	0	1	0	20	0	20	0	0	0	0	0	27	0	27	48
09:30 AM	0	0	0	0	0	26	1	27	0	0	1	1	0	16	1	17	45
09:45 AM	1	0	0	1	0	19	1	20	0	0	1	1	1	27	1	29	51
Total	3	0	1	4	1	80	2	83	0	0	4	4	1	97	2	100	191
10:00 AM	1	0	1	2	1	27	0	28	3	0	1	4	0	22	2	24	58
10:15 AM	0	0	1	1	0	20	2	22	0	0	0	0	0	17	1	18	41
10:30 AM	1	0	1	2	1	26	1	28	0	0	2	2	2	24	0	26	58
10:45 AM	2	0	0	2	0	26	1	27	1	0	1	2	0	25	0	25	56
Total	4	0	3	7	2	99	4	105	4	0	4	8	2	88	3	93	213
11:00 AM	0	0	0	0	0	35	1	36	0	0	2	2	0	31	0	31	69
11:15 AM	1	0	1	2	0	19	1	20	1	0	1	2	0	17	0	17	41
11:30 AM	1	0	0	1	2	38	0	40	0	0	1	1	0	32	0	32	74
11:45 AM	0	0	0	0	2	39	1	42	0	0	1	1	0	20	1	21	64
Total	2	0	1	3	4	131	3	138	1	0	5	6	0	100	1	101	248
12:00 PM	0	0	1	1	3	36	1	40	0	0	0	0	0	34	0	34	75
12:15 PM	1	1	1	3	0	29	2	31	0	0	0	0	1	24	0	25	59
12:30 PM	0	1	2	3	0	24	2	26	1	0	1	2	0	41	0	41	72
12:45 PM	0	0	0	0	0	33	0	33	0	0	1	1	2	36	0	38	72
Total	1	2	4	7	3	122	5	130	1	0	2	3	3	135	0	138	278
01:00 PM	1	0	0	1	0	23	1	24	0	0	0	0	0	39	1	40	65
01:15 PM	1	0	0	1	1	25	2	28	0	0	0	0	0	43	1	44	73
01:30 PM	0	1	0	1	1	38	1	40	0	0	1	1	1	31	1	33	75
01:45 PM	2	0	0	2	0	37	1	38	1	0	0	1	1	47	0	48	89
Total	4	1	0	5	2	123	5	130	1	0	1	2	2	160	3	165	302
02:00 PM	0	0	0	0	0	44	1	45	1	0	0	1	0	45	0	45	91
02:15 PM	0	0	0	0	1	54	0	55	1	0	0	1	0	64	0	64	120
02:30 PM	1	0	0	1	2	37	0	39	0	1	3	4	0	109	1	110	154
02:45 PM	1	0	1	2	0	31	0	31	0	0	1	1	0	72	2	74	108
Total	2	0	1	3	3	166	1	170	2	1	4	7	0	290	3	293	473
03:00 PM	1	0	0	1	0	34	2	36	0	0	1	1	0	111	0	111	149
03:15 PM	0	0	0	0	1	42	0	43	0	1	0	1	0	139	0	139	183
03:30 PM	0	0	1	1	2	31	0	33	1	0	2	3	0	144	1	145	182
03:45 PM	0	0	0	0	2	30	0	32	0	0	0	0	0	173	0	173	205
Total	1	0	1	2	5	137	2	144	1	1	3	5	0	567	1	568	719
04:00 PM	1	0	0	1	2	30	1	33	0	0	0	0	0	152	1	153	187
04:15 PM	1	0	0	1	1	28	0	29	0	0	2	2	0	146	0	146	178
04:30 PM	1	0	1	2	0	33	0	33	0	0	0	0	0	176	0	176	211
04:45 PM	2	0	0	2	2	36	0	38	0	0	1	1	1	169	2	172	213
Total	5	0	1	6	5	127	1	133	0	0	3	3	1	643	3	647	789
05:00 PM	0	0	0	0	0	31	2	33	1	0	1	2	0	153	1	154	189
05:15 PM	0	0	3	3	0	40	1	41	1	0	2	3	0	153	0	153	200
05:30 PM	0	0	0	0	1	34	0	35	1	0	0	1	0	143	1	144	180
05:45 PM	0	0	1	1	1	30	0	31	0	0	0	0	0	149	0	149	181
Total	0	0	4	4	2	135	3	140	3	0	3	6	0	598	2	600	750
06:00 PM	0	0	1	1	0	35	1	36	0	0	1	1	0	123	0	123	161
06:15 PM	0	0	1	1	2	29	0	31	0	0	0	0	1	120	2	123	155

City of Upland
N/S: N Redding Way
E/W: W 19th Street
Weather: Clear

File Name : 06_UPL_Red_19th 24hr
Site Code : 05126237
Start Date : 3/12/2026
Page No : 3

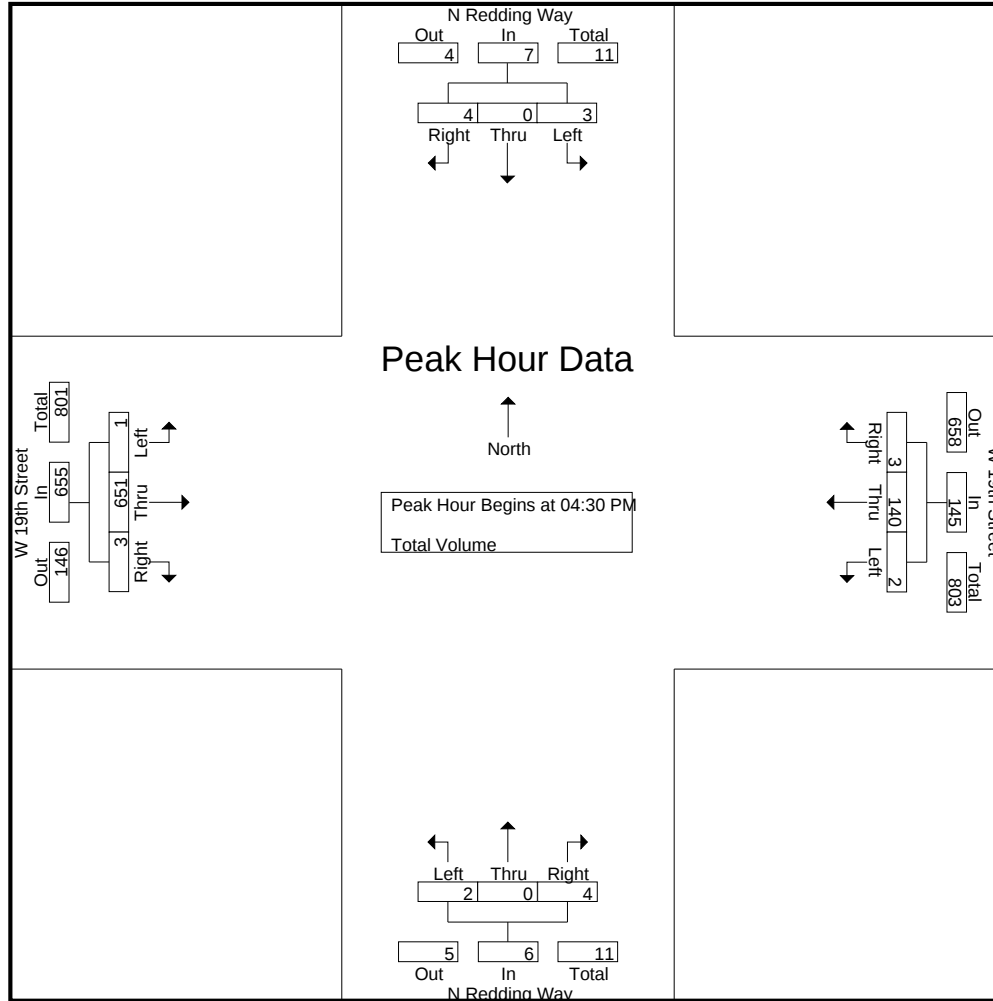
Groups Printed- Total Volume

	N Redding Way Southbound				W 19th Street Westbound				N Redding Way Northbound				W 19th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
06:30 PM	0	0	0	0	1	30	1	32	1	0	0	1	1	97	0	98	131
06:45 PM	0	0	2	2	1	27	1	29	0	0	2	2	1	125	1	127	160
Total	0	0	4	4	4	121	3	128	1	0	3	4	3	465	3	471	607
07:00 PM	0	0	0	0	0	23	0	23	0	0	0	0	0	134	0	134	157
07:15 PM	0	0	0	0	0	26	1	27	0	0	1	1	0	64	1	65	93
07:30 PM	0	0	0	0	1	31	0	32	0	0	0	0	0	32	2	34	66
07:45 PM	0	0	0	0	1	34	0	35	0	0	0	0	0	21	1	22	57
Total	0	0	0	0	2	114	1	117	0	0	1	1	0	251	4	255	373
08:00 PM	1	0	1	2	0	18	0	18	0	0	0	0	2	16	1	19	39
08:15 PM	0	0	1	1	1	13	1	15	0	0	0	0	0	12	1	13	29
08:30 PM	0	0	0	0	0	14	0	14	0	0	0	0	0	20	1	21	35
08:45 PM	0	0	0	0	0	11	0	11	0	0	0	0	0	14	0	14	25
Total	1	0	2	3	1	56	1	58	0	0	0	0	2	62	3	67	128
09:00 PM	0	0	0	0	0	21	2	23	0	0	1	1	0	10	3	13	37
09:15 PM	0	0	0	0	0	19	0	19	1	0	0	1	0	12	0	12	32
09:30 PM	0	0	0	0	1	11	0	12	1	0	0	1	1	4	0	5	18
09:45 PM	0	0	0	0	1	11	0	12	1	0	0	1	0	9	0	9	22
Total	0	0	0	0	2	62	2	66	3	0	1	4	1	35	3	39	109
10:00 PM	0	0	0	0	0	17	0	17	1	0	0	1	0	8	0	8	26
10:15 PM	0	0	1	1	1	10	0	11	1	0	0	1	0	6	0	6	19
10:30 PM	0	0	0	0	0	2	0	2	0	0	0	0	0	3	0	3	5
10:45 PM	0	0	0	0	0	2	1	3	0	0	0	0	0	3	0	3	6
Total	0	0	1	1	1	31	1	33	2	0	0	2	0	20	0	20	56
11:00 PM	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2
11:15 PM	0	0	0	0	0	3	0	3	0	0	0	0	0	2	0	2	5
11:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3	3
11:45 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	1	1	2	3
Total	0	0	0	0	0	6	0	6	0	0	0	0	0	6	1	7	13
Grand Total	28	3	31	62	44	1885	38	1967	30	2	47	79	20	3817	36	3873	5981
Apprch %	45.2	4.8	50		2.2	95.8	1.9		38	2.5	59.5		0.5	98.6	0.9		
Total %	0.5	0.1	0.5	1	0.7	31.5	0.6	32.9	0.5	0	0.8	1.3	0.3	63.8	0.6	64.8	

	N Redding Way Southbound				W 19th Street Westbound				N Redding Way Northbound				W 19th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 12:00 AM to 11:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	1	0	1	2	0	33	0	33	0	0	0	0	0	176	0	176	211
04:45 PM	2	0	0	2	2	36	0	38	0	0	1	1	1	169	2	172	213
05:00 PM	0	0	0	0	0	31	2	33	1	0	1	2	0	153	1	154	189
05:15 PM	0	0	3	3	0	40	1	41	1	0	2	3	0	153	0	153	200
Total Volume	3	0	4	7	2	140	3	145	2	0	4	6	1	651	3	655	813
% App. Total	42.9	0	57.1		1.4	96.6	2.1		33.3	0	66.7		0.2	99.4	0.5		
PHF	.375	.000	.333	.583	.250	.875	.375	.884	.500	.000	.500	.500	.250	.925	.375	.930	.954

City of Upland
N/S: N Redding Way
E/W: W 19th Street
Weather: Clear

File Name : 06_UPL_Red_19th 24hr
Site Code : 05126237
Start Date : 3/12/2026
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Peak Hour Analysis From 12:00 AM to 11:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	10:00 AM				07:30 AM				07:00 AM				04:30 PM			
+0 mins.	1	0	1	2	0	38	1	39	3	0	2	5	0	176	0	176
+15 mins.	0	0	1	1	1	51	0	52	2	0	2	4	1	169	2	172
+30 mins.	1	0	1	2	2	49	0	51	1	0	2	3	0	153	1	154
+45 mins.	2	0	0	2	1	36	2	39	0	0	2	2	0	153	0	153
Total Volume	4	0	3	7	4	174	3	181	6	0	8	14	1	651	3	655
% App. Total	57.1	0	42.9		2.2	96.1	1.7		42.9	0	57.1		0.2	99.4	0.5	
PHF	.500	.000	.750	.875	.500	.853	.375	.870	.500	.000	1.000	.700	.250	.925	.375	.930

Location: Upland
 N/S: N Redding Way
 E/W: W 19th Street



Date: 3/12/2026
 Day Thursday

PEDESTRIANS

Time	North Leg N Redding Way	East Leg W 19th Street	South Leg N Redding Way	West Leg W 19th Street	TOTAL
12:00 AM	0	0	0	0	0
12:15 AM	0	0	0	0	0
12:30 AM	0	0	0	0	0
12:45 AM	0	0	0	0	0
1:00 AM	0	0	0	0	0
1:15 AM	0	0	0	0	0
1:30 AM	0	0	0	0	0
1:45 AM	0	0	0	0	0
2:00 AM	0	0	0	0	0
2:15 AM	0	0	0	0	0
2:30 AM	0	0	0	0	0
2:45 AM	0	0	0	0	0
3:00 AM	0	0	0	0	0
3:15 AM	0	0	0	0	0
3:30 AM	0	0	0	0	0
3:45 AM	0	0	0	0	0
4:00 AM	0	0	0	0	0
4:15 AM	0	0	0	0	0
4:30 AM	0	0	0	0	0
4:45 AM	0	0	0	0	0
5:00 AM	0	0	0	0	0
5:15 AM	0	0	0	0	0
5:30 AM	0	0	0	0	0
5:45 AM	0	0	0	0	0
6:00 AM	0	0	0	0	0
6:15 AM	0	0	0	0	0
6:30 AM	0	0	0	0	0
6:45 AM	0	0	0	0	0
7:00 AM	1	0	0	0	1
7:15 AM	0	0	0	0	0
7:30 AM	0	0	1	0	1
7:45 AM	0	0	1	0	1
8:00 AM	2	0	1	0	3
8:15 AM	1	0	1	0	2
8:30 AM	0	0	0	0	0
8:45 AM	0	0	0	0	0
9:00 AM	0	0	1	0	1
9:15 AM	2	0	2	0	4
9:30 AM	0	0	1	0	1
9:45 AM	0	0	1	0	1
10:00 AM	0	0	1	0	1
10:15 AM	1	0	1	0	2
10:30 AM	0	0	0	0	0
10:45 AM	0	0	0	0	0
11:00 AM	0	0	0	0	0
11:15 AM	0	0	0	0	0
11:30 AM	0	0	0	0	0
11:45 AM	1	0	0	0	1

Location: Upland
 N/S: N Redding Way
 E/W: W 19th Street



Date: 3/12/2026
 Day Thursday

PEDESTRIANS

Time	North Leg N Redding Way	East Leg W 19th Street	South Leg N Redding Way	West Leg W 19th Street	TOTAL
12:00 PM	1	0	0	0	1
12:15 PM	1	0	0	0	1
12:30 PM	0	0	0	0	0
12:45 PM	0	0	0	0	0
1:00 PM	0	0	0	0	0
1:15 PM	0	0	0	0	0
1:30 PM	0	0	0	0	0
1:45 PM	1	0	0	0	1
2:00 PM	1	0	0	0	1
2:15 PM	0	0	0	0	0
2:30 PM	0	0	0	0	0
2:45 PM	0	0	1	0	1
3:00 PM	0	0	0	0	0
3:15 PM	0	0	0	0	0
3:30 PM	0	0	0	0	0
3:45 PM	0	0	0	0	0
4:00 PM	0	0	0	0	0
4:15 PM	0	0	0	0	0
4:30 PM	0	0	0	0	0
4:45 PM	0	0	0	0	0
5:00 PM	1	0	0	0	1
5:15 PM	0	0	1	0	1
5:30 PM	0	0	0	0	0
5:45 PM	0	0	0	0	0
6:00 PM	0	0	0	0	0
6:15 PM	0	0	1	0	1
6:30 PM	1	0	1	0	2
6:45 PM	1	0	1	0	2
7:00 PM	0	1	1	0	2
7:15 PM	0	0	3	0	3
7:30 PM	1	0	0	0	1
7:45 PM	0	0	0	0	0
8:00 PM	0	0	0	0	0
8:15 PM	0	0	0	0	0
8:30 PM	0	0	0	0	0
8:45 PM	0	0	0	0	0
9:00 PM	0	0	0	0	0
9:15 PM	0	0	0	0	0
9:30 PM	0	0	0	0	0
9:45 PM	0	0	0	0	0
10:00 PM	0	0	0	0	0
10:15 PM	0	0	0	0	0
10:30 PM	0	0	0	0	0
10:45 PM	0	0	0	0	0
11:00 PM	0	0	0	0	0
11:15 PM	0	0	0	0	0
11:30 PM	0	0	0	0	0
11:45 PM	0	0	0	0	0
TOTAL VOLUMES:	16	1	20	0	37

Location: Upland
 N/S: N Redding Way
 E/W: W 19th Street

Date: 3/12/2026
 Day: Thursday



BICYCLES

	Southbound N Redding Way			Westbound W 19th Street			Northbound N Redding Way			Eastbound W 19th Street			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
12:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:15 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
9:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
10:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0

Location: Upland
N/S: N Redding Way
E/W: W 19th Street

Date: 3/12/2026
Day: Thursday



BICYCLES

	Southbound N Redding Way			Westbound W 19th Street			Northbound N Redding Way			Eastbound W 19th Street			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:15 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
1:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:15 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
3:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	2	0	2
6:00 PM	0	0	0	0	2	0	0	0	0	0	0	0	2
6:15 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
6:30 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
6:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	8	0	0	0	0	0	4	0	12

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City of Upland
N/S: N Laurel Avenue
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Weather: Clear

File Name : 07_UPL_Lau_19th 24hr
Site Code : 05126237
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Groups Printed- Total Volume

	N Laurel Avenue Southbound				W 19th Street Westbound				N Laurel Avenue Northbound				W 19th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
12:00 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	2	0	2	3
12:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
12:30 AM	0	0	0	0	0	2	0	2	0	0	0	0	0	2	0	2	4
12:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Total	0	0	0	0	0	3	0	3	0	0	0	0	0	6	0	6	9
01:00 AM	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2
01:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:30 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
01:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
Total	0	0	0	0	0	3	0	3	0	0	0	0	0	0	1	1	4
02:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:15 AM	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2
02:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
02:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	2	0	2	0	0	0	0	0	1	0	1	3
03:00 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1	2
03:15 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
03:30 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
03:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Total	0	0	0	0	0	3	0	3	0	0	0	0	0	2	0	2	5
04:00 AM	0	0	0	0	1	1	0	2	0	0	0	0	0	3	0	3	5
04:15 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	3	0	3	4
04:30 AM	0	0	0	0	0	4	0	4	1	0	0	1	0	2	0	2	7
04:45 AM	0	0	1	1	0	7	0	7	0	0	0	0	0	2	0	2	10
Total	0	0	1	1	1	13	0	14	1	0	0	1	0	10	0	10	26
05:00 AM	0	0	0	0	1	3	0	4	0	0	1	1	0	5	0	5	10
05:15 AM	1	0	0	1	0	7	1	8	0	0	0	0	0	5	0	5	14
05:30 AM	0	0	0	0	0	8	0	8	1	0	1	2	0	1	0	1	11
05:45 AM	1	0	0	1	0	9	0	9	0	0	0	0	0	9	0	9	19
Total	2	0	0	2	1	27	1	29	1	0	2	3	0	20	0	20	54
06:00 AM	0	0	0	0	0	8	0	8	0	0	0	0	0	5	0	5	13
06:15 AM	1	0	1	2	0	6	0	6	0	0	0	0	0	7	0	7	15
06:30 AM	0	0	0	0	0	10	0	10	0	0	0	0	0	11	0	11	21
06:45 AM	0	0	0	0	0	13	0	13	1	0	0	1	0	11	0	11	25
Total	1	0	1	2	0	37	0	37	1	0	0	1	0	34	0	34	74
07:00 AM	0	0	2	2	0	26	0	26	0	0	0	0	0	16	1	17	45
07:15 AM	0	0	0	0	1	33	0	34	1	0	1	2	0	15	0	15	51
07:30 AM	1	0	0	1	0	41	0	41	0	0	4	4	0	37	0	37	83
07:45 AM	0	0	0	0	3	59	0	62	0	1	2	3	0	66	0	66	131
Total	1	0	2	3	4	159	0	163	1	1	7	9	0	134	1	135	310
08:00 AM	0	0	0	0	0	46	0	46	0	0	5	5	0	41	0	41	92
08:15 AM	3	0	0	3	1	37	0	38	0	0	0	0	0	27	1	28	69
08:30 AM	0	0	1	1	1	29	1	31	0	0	0	0	0	31	1	32	64
08:45 AM	0	0	0	0	2	18	0	20	1	0	1	2	0	21	0	21	43
Total	3	0	1	4	4	130	1	135	1	0	6	7	0	120	2	122	268

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City of Upland
N/S: N Laurel Avenue
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File Name : 07_UPL_Lau_19th 24hr
Site Code : 05126237
Start Date : 3/12/2026
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Groups Printed- Total Volume

	N Laurel Avenue Southbound				W 19th Street Westbound				N Laurel Avenue Northbound				W 19th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
09:00 AM	0	0	0	0	1	15	0	16	0	0	1	1	0	25	1	26	43
09:15 AM	0	0	1	1	1	20	0	21	0	0	1	1	0	28	0	28	51
09:30 AM	0	0	0	0	0	28	0	28	0	0	1	1	0	20	0	20	49
09:45 AM	0	0	0	0	1	22	0	23	0	0	1	1	0	24	0	24	48
Total	0	0	1	1	3	85	0	88	0	0	4	4	0	97	1	98	191
10:00 AM	2	0	1	3	2	25	3	30	0	0	1	1	0	23	1	24	58
10:15 AM	0	0	0	0	2	20	0	22	1	0	3	4	0	19	0	19	45
10:30 AM	1	0	0	1	1	26	0	27	0	0	0	0	0	21	2	23	51
10:45 AM	1	0	0	1	1	28	1	30	0	0	3	3	1	27	1	29	63
Total	4	0	1	5	6	99	4	109	1	0	7	8	1	90	4	95	217
11:00 AM	1	0	0	1	0	34	1	35	1	0	2	3	0	34	0	34	73
11:15 AM	0	0	1	1	1	18	1	20	0	0	3	3	0	19	0	19	43
11:30 AM	1	0	0	1	2	37	0	39	1	0	2	3	0	33	0	33	76
11:45 AM	0	0	0	0	1	41	0	42	1	0	1	2	0	21	0	21	65
Total	2	0	1	3	4	130	2	136	3	0	8	11	0	107	0	107	257
12:00 PM	0	0	1	1	1	34	1	36	2	0	2	4	0	30	0	30	71
12:15 PM	0	0	0	0	2	34	0	36	1	0	0	1	1	25	0	26	63
12:30 PM	0	0	1	1	0	23	1	24	1	0	2	3	0	43	1	44	72
12:45 PM	1	0	0	1	3	30	0	33	2	0	1	3	0	34	0	34	71
Total	1	0	2	3	6	121	2	129	6	0	5	11	1	132	1	134	277
01:00 PM	1	0	0	1	1	24	2	27	0	0	2	2	0	43	0	43	73
01:15 PM	0	0	1	1	0	30	1	31	0	0	0	0	0	46	0	46	78
01:30 PM	1	0	2	3	1	38	1	40	0	1	2	3	1	31	0	32	78
01:45 PM	0	0	0	0	0	34	0	34	1	0	3	4	0	54	0	54	92
Total	2	0	3	5	2	126	4	132	1	1	7	9	1	174	0	175	321
02:00 PM	0	0	0	0	2	43	0	45	2	0	1	3	0	44	0	44	92
02:15 PM	2	1	0	3	3	53	0	56	1	1	0	2	1	57	0	58	119
02:30 PM	0	0	0	0	3	40	0	43	0	0	6	6	0	114	1	115	164
02:45 PM	0	0	0	0	1	31	1	33	0	0	0	0	1	71	1	73	106
Total	2	1	0	3	9	167	1	177	3	1	7	11	2	286	2	290	481
03:00 PM	0	0	1	1	3	33	0	36	1	0	2	3	0	109	2	111	151
03:15 PM	1	0	0	1	1	43	1	45	1	0	1	2	0	141	2	143	191
03:30 PM	0	0	1	1	1	32	1	34	0	0	1	1	1	151	0	152	188
03:45 PM	0	0	0	0	0	35	1	36	0	0	2	2	0	172	0	172	210
Total	1	0	2	3	5	143	3	151	2	0	6	8	1	573	4	578	740
04:00 PM	0	0	0	0	1	35	0	36	0	0	2	2	1	153	0	154	192
04:15 PM	0	0	0	0	1	33	0	34	0	0	2	2	1	149	1	151	187
04:30 PM	0	0	1	1	1	37	0	38	0	0	1	1	1	170	1	172	212
04:45 PM	1	0	0	1	2	37	2	41	0	0	1	1	0	173	0	173	216
Total	1	0	1	2	5	142	2	149	0	0	6	6	3	645	2	650	807
05:00 PM	1	0	0	1	0	34	0	34	0	0	0	0	1	153	0	154	189
05:15 PM	1	0	0	1	2	45	0	47	0	0	1	1	0	151	0	151	200
05:30 PM	1	0	1	2	3	35	0	38	0	0	2	2	1	147	0	148	190
05:45 PM	0	0	0	0	0	33	0	33	0	0	2	2	0	148	0	148	183
Total	3	0	1	4	5	147	0	152	0	0	5	5	2	599	0	601	762
06:00 PM	0	0	0	0	1	37	0	38	0	0	1	1	0	122	0	122	161
06:15 PM	1	0	1	2	2	29	0	31	0	0	0	0	0	120	0	120	153

City of Upland
N/S: N Laurel Avenue
E/W: W 19th Street
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File Name : 07_UPL_Lau_19th 24hr
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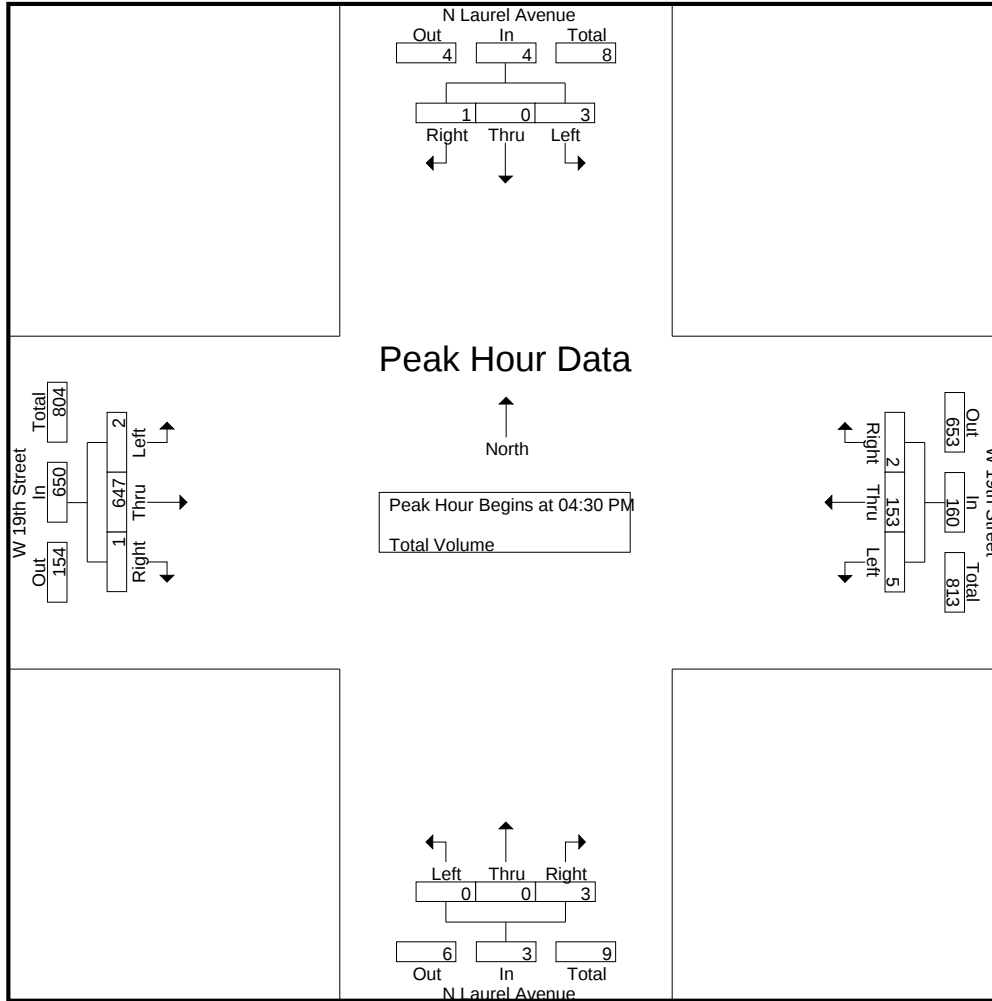
Groups Printed- Total Volume

	N Laurel Avenue Southbound				W 19th Street Westbound				N Laurel Avenue Northbound				W 19th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
06:30 PM	0	0	0	0	3	30	1	34	0	0	1	1	0	100	0	100	135
06:45 PM	0	0	0	0	0	30	0	30	0	0	5	5	0	128	1	129	164
Total	1	0	1	2	6	126	1	133	0	0	7	7	0	470	1	471	613
07:00 PM	1	0	0	1	4	23	0	27	0	0	1	1	0	132	0	132	161
07:15 PM	0	0	0	0	0	30	0	30	0	0	1	1	0	66	0	66	97
07:30 PM	0	0	0	0	0	30	0	30	0	0	0	0	2	29	0	31	61
07:45 PM	0	0	1	1	0	36	0	36	0	0	0	0	1	21	0	22	59
Total	1	0	1	2	4	119	0	123	0	0	2	2	3	248	0	251	378
08:00 PM	0	0	0	0	0	18	0	18	0	0	1	1	0	16	0	16	35
08:15 PM	0	0	0	0	0	18	1	19	0	0	0	0	0	13	0	13	32
08:30 PM	0	0	0	0	2	15	1	18	0	0	1	1	0	18	0	18	37
08:45 PM	0	0	0	0	1	13	0	14	0	0	0	0	0	15	0	15	29
Total	0	0	0	0	3	64	2	69	0	0	2	2	0	62	0	62	133
09:00 PM	0	0	0	0	1	23	1	25	0	0	0	0	0	11	0	11	36
09:15 PM	0	0	0	0	0	19	0	19	1	0	0	1	1	12	0	13	33
09:30 PM	0	0	0	0	0	11	0	11	0	0	0	0	0	4	0	4	15
09:45 PM	0	0	0	0	0	14	1	15	0	0	0	0	0	9	0	9	24
Total	0	0	0	0	1	67	2	70	1	0	0	1	1	36	0	37	108
10:00 PM	0	0	0	0	1	17	0	18	0	0	0	0	0	9	0	9	27
10:15 PM	0	0	0	0	0	11	0	11	0	0	0	0	0	6	0	6	17
10:30 PM	0	0	0	0	0	2	0	2	0	0	2	2	0	3	0	3	7
10:45 PM	0	0	0	0	0	4	0	4	0	0	0	0	0	2	0	2	6
Total	0	0	0	0	1	34	0	35	0	0	2	2	0	20	0	20	57
11:00 PM	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2
11:15 PM	1	0	0	1	0	5	0	5	0	0	0	0	0	3	0	3	9
11:30 PM	0	0	0	0	1	0	1	2	0	0	1	1	0	3	0	3	6
11:45 PM	0	0	1	1	0	0	1	1	0	0	0	0	0	1	0	1	3
Total	1	0	1	2	1	7	2	10	0	0	1	1	0	7	0	7	20
Grand Total	26	1	20	47	71	1954	27	2052	22	3	84	109	15	3873	19	3907	6115
Apprch %	55.3	2.1	42.6		3.5	95.2	1.3		20.2	2.8	77.1		0.4	99.1	0.5		
Total %	0.4	0	0.3	0.8	1.2	32	0.4	33.6	0.4	0	1.4	1.8	0.2	63.3	0.3	63.9	

	N Laurel Avenue Southbound				W 19th Street Westbound				N Laurel Avenue Northbound				W 19th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 12:00 AM to 11:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	0	0	1	1	1	37	0	38	0	0	1	1	1	170	1	172	212
04:45 PM	1	0	0	1	2	37	2	41	0	0	1	1	0	173	0	173	216
05:00 PM	1	0	0	1	0	34	0	34	0	0	0	0	1	153	0	154	189
05:15 PM	1	0	0	1	2	45	0	47	0	0	1	1	0	151	0	151	200
Total Volume	3	0	1	4	5	153	2	160	0	0	3	3	2	647	1	650	817
% App. Total	75	0	25		3.1	95.6	1.2		0	0	100		0.3	99.5	0.2		
PHF	.750	.000	.250	1.00	.625	.850	.250	.851	.000	.000	.750	.750	.500	.935	.250	.939	.946

City of Upland
N/S: N Laurel Avenue
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File Name : 07_UPL_Lau_19th 24hr
Site Code : 05126237
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Peak Hour Analysis From 12:00 AM to 11:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	12:45 PM				07:30 AM				01:45 PM				04:00 PM			
+0 mins.	1	0	0	1	0	41	0	41	1	0	3	4	1	153	0	154
+15 mins.	1	0	0	1	3	59	0	62	2	0	1	3	1	149	1	151
+30 mins.	0	0	1	1	0	46	0	46	1	1	0	2	1	170	1	172
+45 mins.	1	0	2	3	1	37	0	38	0	0	6	6	0	173	0	173
Total Volume	3	0	3	6	4	183	0	187	4	1	10	15	3	645	2	650
% App. Total	50	0	50		2.1	97.9	0		26.7	6.7	66.7		0.5	99.2	0.3	
PHF	.750	.000	.375	.500	.333	.775	.000	.754	.500	.250	.417	.625	.750	.932	.500	.939

Location: Upland
 N/S: N Laurel Avenue
 E/W: W 19th Street



Date: 3/12/2026
 Day Thursday

PEDESTRIANS

Time	North Leg N Laurel Avenue	East Leg W 19th Street	South Leg N Laurel Avenue	West Leg W 19th Street	TOTAL
12:00 AM	0	0	0	0	0
12:15 AM	0	0	0	0	0
12:30 AM	0	0	0	0	0
12:45 AM	0	0	0	0	0
1:00 AM	0	0	0	0	0
1:15 AM	0	0	0	0	0
1:30 AM	0	0	0	0	0
1:45 AM	0	0	0	0	0
2:00 AM	0	0	0	0	0
2:15 AM	0	0	0	0	0
2:30 AM	0	0	0	0	0
2:45 AM	0	0	0	0	0
3:00 AM	0	0	0	0	0
3:15 AM	0	0	0	0	0
3:30 AM	0	0	0	0	0
3:45 AM	0	0	0	0	0
4:00 AM	0	0	0	0	0
4:15 AM	0	0	0	0	0
4:30 AM	0	0	0	0	0
4:45 AM	0	0	0	0	0
5:00 AM	0	0	0	0	0
5:15 AM	0	0	0	0	0
5:30 AM	0	0	0	0	0
5:45 AM	0	0	0	0	0
6:00 AM	0	0	0	0	0
6:15 AM	0	0	0	0	0
6:30 AM	0	0	0	0	0
6:45 AM	1	0	0	0	1
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	0	0	0	0	0
7:45 AM	0	0	2	0	2
8:00 AM	0	0	0	0	0
8:15 AM	3	0	1	0	4
8:30 AM	0	0	1	0	1
8:45 AM	0	0	1	0	1
9:00 AM	0	0	3	0	3
9:15 AM	2	0	1	0	3
9:30 AM	0	0	0	0	0
9:45 AM	0	0	0	0	0
10:00 AM	1	0	0	0	1
10:15 AM	1	0	0	0	1
10:30 AM	0	0	0	0	0
10:45 AM	0	0	0	0	0
11:00 AM	0	0	0	0	0
11:15 AM	0	0	0	0	0
11:30 AM	1	0	0	0	1
11:45 AM	0	0	0	0	0

Location: Upland
 N/S: N Laurel Avenue
 E/W: W 19th Street



Date: 3/12/2026
 Day Thursday

PEDESTRIANS

Time	North Leg N Laurel Avenue	East Leg W 19th Street	South Leg N Laurel Avenue	West Leg W 19th Street	TOTAL
12:00 PM	2	0	0	0	2
12:15 PM	1	0	0	0	1
12:30 PM	0	0	0	0	0
12:45 PM	1	0	0	0	1
1:00 PM	1	0	0	0	1
1:15 PM	0	0	0	0	0
1:30 PM	1	0	0	0	1
1:45 PM	1	0	0	0	1
2:00 PM	0	0	0	0	0
2:15 PM	0	0	0	0	0
2:30 PM	0	0	0	0	0
2:45 PM	0	0	0	0	0
3:00 PM	1	0	0	0	1
3:15 PM	0	0	0	0	0
3:30 PM	0	0	0	0	0
3:45 PM	0	0	0	0	0
4:00 PM	0	0	0	0	0
4:15 PM	0	0	0	0	0
4:30 PM	0	0	0	0	0
4:45 PM	0	0	0	0	0
5:00 PM	0	0	1	0	1
5:15 PM	0	0	0	0	0
5:30 PM	0	0	1	0	1
5:45 PM	0	0	0	0	0
6:00 PM	0	0	0	0	0
6:15 PM	0	0	1	0	1
6:30 PM	0	0	1	0	1
6:45 PM	0	0	1	0	1
7:00 PM	0	0	0	0	0
7:15 PM	0	0	0	0	0
7:30 PM	1	0	0	0	1
7:45 PM	0	0	0	0	0
8:00 PM	0	0	0	0	0
8:15 PM	0	0	2	0	2
8:30 PM	0	0	0	2	2
8:45 PM	0	0	0	0	0
9:00 PM	0	0	0	0	0
9:15 PM	0	2	0	0	2
9:30 PM	0	0	0	0	0
9:45 PM	0	0	0	0	0
10:00 PM	0	0	0	0	0
10:15 PM	0	0	0	0	0
10:30 PM	0	0	0	0	0
10:45 PM	0	0	0	0	0
11:00 PM	0	0	0	0	0
11:15 PM	0	0	0	0	0
11:30 PM	0	0	0	0	0
11:45 PM	0	0	0	0	0
TOTAL VOLUMES:	18	2	16	2	38

Location: Upland
N/S: N Laurel Avenue
E/W: W 19th Street

Date: 3/12/2026
Day: Thursday



BICYCLES

	Southbound N Laurel Avenue			Westbound W 19th Street			Northbound N Laurel Avenue			Eastbound W 19th Street			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
12:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 AM	0	0	0	0	0	0	0	0	1	0	0	0	1
6:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:15 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
9:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
10:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0

Location: Upland
N/S: N Laurel Avenue
E/W: W 19th Street

Date: 3/12/2026
Day: Thursday



BICYCLES

	Southbound N Laurel Avenue			Westbound W 19th Street			Northbound N Laurel Avenue			Eastbound W 19th Street			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:15 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
1:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:15 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
3:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	2	0	2
6:00 PM	0	0	0	0	0	0	2	0	0	0	0	0	2
6:15 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
6:30 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
6:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:00 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
9:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	6	0	2	0	1	0	5	0	14

ATTACHMENT B
2025 SPEED DATA

Counts Unlimited, Inc.

City of Upland
19th Street
B/ Mountain Avenue - Coolcrest Avenue
24 Hour Directional Speed Survey

PO Box 1178
Corona, CA 92878
(951) 268-6268
email: counts@countsunlimited.com

UPL001
Site Code: 039-25292

Eastbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
04/01/25	0	1	0	0	1	3	2	0	0	1	0	0	0	0	8
01:00	0	0	0	0	1	3	1	0	0	0	0	0	0	0	5
02:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
03:00	0	0	1	0	0	3	1	0	0	0	0	0	0	0	5
04:00	0	0	0	0	0	3	1	0	0	0	0	0	0	0	4
05:00	1	0	0	1	3	4	1	0	0	0	0	0	0	0	10
06:00	0	0	1	2	6	6	6	1	0	0	0	0	0	0	22
07:00	0	0	1	6	40	48	28	8	1	0	0	0	0	0	132
08:00	2	1	1	5	29	36	26	4	0	0	0	0	0	0	104
09:00	1	0	2	15	19	33	19	2	0	0	0	0	0	0	91
10:00	0	0	2	1	21	42	24	3	0	0	0	0	0	0	93
11:00	0	0	1	14	25	47	20	2	0	0	0	0	0	0	109
12 PM	0	0	0	7	23	39	21	5	0	0	0	0	0	0	95
13:00	2	0	4	6	41	45	13	6	1	0	0	0	0	0	118
14:00	0	3	4	12	64	102	47	12	0	0	1	0	0	0	245
15:00	0	3	9	51	203	222	72	15	1	1	0	0	0	0	577
16:00	0	2	9	42	218	226	81	16	0	0	0	0	0	0	594
17:00	1	1	3	42	255	247	66	8	2	0	0	0	0	0	625
18:00	2	1	6	14	107	145	65	9	0	0	0	0	0	0	349
19:00	1	1	1	8	22	63	27	4	4	0	0	0	0	0	131
20:00	2	2	0	10	22	29	20	3	3	1	0	0	0	0	92
21:00	0	0	0	6	9	19	8	3	1	0	0	0	0	0	46
22:00	0	1	0	4	11	12	10	3	0	0	0	0	0	0	41
23:00	0	0	0	1	4	5	4	4	1	0	0	0	0	0	19
Total	12	16	45	247	1125	1382	563	108	14	3	1	0	0	0	3516

Daily
15th Percentile : 30 MPH
50th Percentile : 36 MPH
85th Percentile : 41 MPH
95th Percentile : 44 MPH

Statistics
Mean Speed(Average) : 37 MPH
10 MPH Pace Speed : 31-40 MPH
Number in Pace : 2507
Percent in Pace : 71.3%
Number of Vehicles > 55 MPH : 4
Percent of Vehicles > 55 MPH : 0.1%

Counts Unlimited, Inc.

City of Upland
19th Street
B/ Mountain Avenue - Coolcrest Avenue
24 Hour Directional Speed Survey

PO Box 1178
Corona, CA 92878
(951) 268-6268
email: counts@countsunlimited.com

UPL001
Site Code: 039-25292

Westbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
04/01/25	0	0	0	0	2	1	1	1	0	0	0	0	0	0	5
01:00	0	0	0	1	0	1	0	1	0	0	0	0	0	0	3
02:00	0	0	0	0	1	1	0	0	1	0	0	0	0	0	3
03:00	0	0	0	2	1	3	1	2	3	0	0	0	0	0	12
04:00	0	0	1	1	9	11	3	3	1	0	0	0	0	0	29
05:00	1	0	0	2	11	15	21	4	2	0	0	0	0	0	56
06:00	0	0	2	4	24	35	24	8	2	0	0	0	0	0	99
07:00	1	0	1	8	33	87	52	19	5	0	0	0	0	0	206
08:00	2	1	3	1	34	34	32	5	2	0	0	1	0	0	115
09:00	0	0	1	3	21	26	33	12	2	0	0	0	0	0	98
10:00	0	0	1	8	22	36	23	7	1	0	0	0	0	0	98
11:00	0	1	0	2	39	39	23	4	0	1	0	0	0	0	109
12 PM	2	2	2	16	27	38	28	6	1	0	0	0	0	0	122
13:00	2	0	3	6	26	45	24	6	0	0	0	0	0	0	112
14:00	2	0	6	12	42	59	25	4	1	0	0	0	0	0	151
15:00	4	0	4	8	45	40	18	4	0	0	0	0	0	0	123
16:00	2	1	2	7	25	41	25	10	2	0	0	0	0	0	115
17:00	0	0	2	4	18	39	35	11	1	1	0	0	0	0	111
18:00	2	0	1	9	24	32	21	4	1	0	0	0	0	0	94
19:00	1	0	1	2	22	21	15	5	0	0	0	0	0	0	67
20:00	0	2	2	5	37	23	8	0	0	0	0	0	0	0	77
21:00	0	2	3	4	9	9	4	2	0	0	1	0	0	0	34
22:00	0	0	0	2	3	9	6	1	1	0	0	0	0	0	22
23:00	0	0	0	1	4	4	2	1	2	0	0	0	0	0	14
Total	19	9	35	108	479	649	424	120	28	2	1	1	0	0	1875

Daily
15th Percentile : 31 MPH
50th Percentile : 37 MPH
85th Percentile : 43 MPH
95th Percentile : 47 MPH

Statistics
Mean Speed(Average) : 38 MPH
10 MPH Pace Speed : 31-40 MPH
Number in Pace : 1128
Percent in Pace : 60.2%
Number of Vehicles > 55 MPH : 4
Percent of Vehicles > 55 MPH : 0.2%

Counts Unlimited, Inc.

City of Upland
19th Street
B/ Mountain Avenue - Coolcrest Avenue
24 Hour Directional Speed Survey

PO Box 1178
Corona, CA 92878
(951) 268-6268
email: counts@countsunlimited.com

UPL001
Site Code: 039-25292

Eastbound, Westbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
04/01/25	0	1	0	0	3	4	3	1	0	1	0	0	0	0	13
01:00	0	0	0	1	1	4	1	1	0	0	0	0	0	0	8
02:00	0	0	0	0	2	1	0	0	1	0	0	0	0	0	4
03:00	0	0	1	2	1	6	2	2	3	0	0	0	0	0	17
04:00	0	0	1	1	9	14	4	3	1	0	0	0	0	0	33
05:00	2	0	0	3	14	19	22	4	2	0	0	0	0	0	66
06:00	0	0	3	6	30	41	30	9	2	0	0	0	0	0	121
07:00	1	0	2	14	73	135	80	27	6	0	0	0	0	0	338
08:00	4	2	4	6	63	70	58	9	2	0	0	1	0	0	219
09:00	1	0	3	18	40	59	52	14	2	0	0	0	0	0	189
10:00	0	0	3	9	43	78	47	10	1	0	0	0	0	0	191
11:00	0	1	1	16	64	86	43	6	0	1	0	0	0	0	218
12 PM	2	2	2	23	50	77	49	11	1	0	0	0	0	0	217
13:00	4	0	7	12	67	90	37	12	1	0	0	0	0	0	230
14:00	2	3	10	24	106	161	72	16	1	0	1	0	0	0	396
15:00	4	3	13	59	248	262	90	19	1	1	0	0	0	0	700
16:00	2	3	11	49	243	267	106	26	2	0	0	0	0	0	709
17:00	1	1	5	46	273	286	101	19	3	1	0	0	0	0	736
18:00	4	1	7	23	131	177	86	13	1	0	0	0	0	0	443
19:00	2	1	2	10	44	84	42	9	4	0	0	0	0	0	198
20:00	2	4	2	15	59	52	28	3	3	1	0	0	0	0	169
21:00	0	2	3	10	18	28	12	5	1	0	1	0	0	0	80
22:00	0	1	0	6	14	21	16	4	1	0	0	0	0	0	63
23:00	0	0	0	2	8	9	6	5	3	0	0	0	0	0	33
Total	31	25	80	355	1604	2031	987	228	42	5	2	1	0	0	5391

Daily
15th Percentile : 30 MPH
50th Percentile : 36 MPH
85th Percentile : 42 MPH
95th Percentile : 45 MPH

Statistics
Mean Speed(Average) : 37 MPH
10 MPH Pace Speed : 31-40 MPH
Number in Pace : 3635
Percent in Pace : 67.4%
Number of Vehicles > 55 MPH : 8
Percent of Vehicles > 55 MPH : 0.1%

Counts Unlimited, Inc.

Page 1

City of Upland
19th Street
B/ San Antonio Avenue - Euclid Avenue
24 Hour Directional Speed Survey

PO Box 1178
Corona, CA 92878
(951) 268-6268
email: counts@countsunlimited.com

UPL002
Site Code: 039-25292

Eastbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
04/01/25	0	1	0	0	0	0	0	1	0	1	0	0	0	0	3
01:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
02:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
03:00	0	0	0	1	0	1	0	1	0	0	0	0	0	0	3
04:00	0	0	0	1	0	3	1	0	0	0	0	0	0	0	5
05:00	0	0	2	1	5	3	6	1	0	0	0	0	0	0	18
06:00	1	0	1	10	5	9	7	4	1	0	0	0	0	0	38
07:00	0	0	0	9	26	59	34	8	3	0	0	0	0	0	139
08:00	0	1	1	10	32	51	23	8	0	0	0	0	0	0	126
09:00	0	0	0	10	25	44	23	3	0	0	0	0	0	0	105
10:00	0	0	0	7	31	50	23	6	2	0	0	0	0	0	119
11:00	0	0	1	11	37	46	22	5	2	1	0	0	0	0	125
12 PM	0	1	1	6	24	49	26	2	1	0	0	0	0	0	110
13:00	0	0	0	17	35	34	21	3	2	0	0	0	0	0	112
14:00	0	0	1	8	43	116	56	15	3	0	0	0	0	0	242
15:00	0	0	2	25	171	261	122	12	2	0	0	0	0	0	595
16:00	0	0	2	12	120	296	140	19	1	0	0	0	0	0	590
17:00	0	1	2	23	152	304	119	11	0	0	0	0	0	0	612
18:00	0	0	4	13	95	158	69	6	0	0	0	0	0	0	345
19:00	0	0	5	6	29	42	25	7	1	0	0	0	0	0	115
20:00	0	0	0	7	17	30	14	3	0	1	0	0	0	0	72
21:00	0	1	0	3	6	15	5	5	0	0	0	0	0	0	35
22:00	0	0	0	1	8	6	4	2	1	0	0	0	0	0	22
23:00	0	0	0	0	1	4	3	0	1	0	0	0	0	1	10
Total	1	5	23	181	862	1582	743	122	20	3	0	0	0	1	3543

Daily
15th Percentile : 31 MPH
50th Percentile : 37 MPH
85th Percentile : 42 MPH
95th Percentile : 44 MPH

Statistics
Mean Speed(Average) : 38 MPH
10 MPH Pace Speed : 31-40 MPH
Number in Pace : 2444
Percent in Pace : 69.0%
Number of Vehicles > 55 MPH : 4
Percent of Vehicles > 55 MPH : 0.1%

Counts Unlimited, Inc.

City of Upland
19th Street
B/ San Antonio Avenue - Euclid Avenue
24 Hour Directional Speed Survey

PO Box 1178
Corona, CA 92878
(951) 268-6268
email: counts@countsunlimited.com

UPL002
Site Code: 039-25292

Westbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
04/01/25	0	0	0	0	2	1	0	0	0	0	0	0	0	0	3
01:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2
02:00	0	0	0	0	1	0	1	0	1	0	0	0	0	0	3
03:00	0	0	1	0	2	1	0	3	0	0	0	0	0	0	7
04:00	0	0	0	0	2	5	1	1	0	1	0	0	0	0	10
05:00	0	0	0	1	3	16	5	4	2	0	0	0	0	0	31
06:00	0	1	0	2	10	21	15	4	1	0	0	0	0	0	54
07:00	0	0	0	6	24	63	34	12	2	0	0	0	0	0	141
08:00	0	0	1	3	20	33	25	8	4	0	0	0	0	0	94
09:00	0	0	7	4	11	31	13	11	0	0	0	0	0	0	77
10:00	0	1	0	6	23	37	22	7	1	0	0	0	0	0	97
11:00	0	0	2	7	23	41	26	4	1	0	0	0	0	0	104
12 PM	0	0	0	9	26	58	23	4	1	1	0	0	0	0	122
13:00	0	1	3	10	25	57	25	7	0	1	0	0	0	0	129
14:00	0	0	1	6	39	50	35	11	0	0	0	0	0	0	142
15:00	0	1	2	17	24	36	40	3	1	0	0	0	0	0	124
16:00	0	0	0	9	25	48	30	4	1	1	0	0	0	0	118
17:00	0	0	3	10	19	54	25	5	0	0	0	0	0	0	116
18:00	0	0	1	7	37	43	18	7	1	0	0	0	0	0	114
19:00	0	0	2	3	22	28	18	5	1	0	0	0	0	0	79
20:00	0	0	4	4	31	29	14	3	1	0	0	0	0	0	86
21:00	0	0	1	2	12	18	6	2	1	1	0	0	0	0	43
22:00	0	1	0	1	4	7	5	2	1	0	0	0	0	0	21
23:00	0	0	0	2	1	4	0	1	2	0	0	0	0	0	10
Total	0	5	28	109	386	682	381	109	22	5	0	0	0	0	1727

Daily
15th Percentile : 31 MPH
50th Percentile : 37 MPH
85th Percentile : 43 MPH
95th Percentile : 47 MPH

Statistics
Mean Speed(Average) : 38 MPH
10 MPH Pace Speed : 31-40 MPH
Number in Pace : 1068
Percent in Pace : 61.8%
Number of Vehicles > 55 MPH : 5
Percent of Vehicles > 55 MPH : 0.3%

Counts Unlimited, Inc.

Page 3

City of Upland
19th Street
B/ San Antonio Avenue - Euclid Avenue
24 Hour Directional Speed Survey

PO Box 1178
Corona, CA 92878
(951) 268-6268
email: counts@countsunlimited.com

UPL002
Site Code: 039-25292

Eastbound, Westbound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
04/01/25	0	1	0	0	2	1	0	1	0	1	0	0	0	0	6
01:00	0	0	0	0	0	2	0	1	0	0	0	0	0	0	3
02:00	0	0	1	0	1	0	1	0	1	0	0	0	0	0	4
03:00	0	0	1	1	2	2	0	4	0	0	0	0	0	0	10
04:00	0	0	0	1	2	8	2	1	0	1	0	0	0	0	15
05:00	0	0	2	2	8	19	11	5	2	0	0	0	0	0	49
06:00	1	1	1	12	15	30	22	8	2	0	0	0	0	0	92
07:00	0	0	0	15	50	122	68	20	5	0	0	0	0	0	280
08:00	0	1	2	13	52	84	48	16	4	0	0	0	0	0	220
09:00	0	0	7	14	36	75	36	14	0	0	0	0	0	0	182
10:00	0	1	0	13	54	87	45	13	3	0	0	0	0	0	216
11:00	0	0	3	18	60	87	48	9	3	1	0	0	0	0	229
12 PM	0	1	1	15	50	107	49	6	2	1	0	0	0	0	232
13:00	0	1	3	27	60	91	46	10	2	1	0	0	0	0	241
14:00	0	0	2	14	82	166	91	26	3	0	0	0	0	0	384
15:00	0	1	4	42	195	297	162	15	3	0	0	0	0	0	719
16:00	0	0	2	21	145	344	170	23	2	1	0	0	0	0	708
17:00	0	1	5	33	171	358	144	16	0	0	0	0	0	0	728
18:00	0	0	5	20	132	201	87	13	1	0	0	0	0	0	459
19:00	0	0	7	9	51	70	43	12	2	0	0	0	0	0	194
20:00	0	0	4	11	48	59	28	6	1	1	0	0	0	0	158
21:00	0	1	1	5	18	33	11	7	1	1	0	0	0	0	78
22:00	0	1	0	2	12	13	9	4	2	0	0	0	0	0	43
23:00	0	0	0	2	2	8	3	1	3	0	0	0	0	1	20
Total	1	10	51	290	1248	2264	1124	231	42	8	0	0	0	1	5270

Daily
15th Percentile : 31 MPH
50th Percentile : 37 MPH
85th Percentile : 42 MPH
95th Percentile : 45 MPH

Statistics
Mean Speed(Average) : 38 MPH
10 MPH Pace Speed : 31-40 MPH
Number in Pace : 3512
Percent in Pace : 66.6%
Number of Vehicles > 55 MPH : 9
Percent of Vehicles > 55 MPH : 0.2%

ATTACHMENT C

COLLISION DATA

COLLISION_DATE	COLLISION_TIME	PRIMARY_RD	SECONDARY_RD	DISTANCE	DIRECTION	INTERSECTION	COLLISION_SEVERITY	NUMBER_KILLED	NUMBER_INJURED	TYPE_OF_COLLISION	PEDESTRIAN_ACCIDENT	BICYCLE_ACCIDENT	MOTORCYCLE_ACCIDENT	TRUCK_ACCIDENT	ALCOHOL_INVOLVED
7/19/2024	2234	19TH ST	COOLCREST WAY	195	W	N		3	0	1 C					Y
11/4/2024	1406	19TH ST	COOLCREST WAY	233	E	N		2	0	1 C					
9/29/2023	1637	19TH ST	SAN ANTONIO AVE	0	N	Y		3	0	2 D					
12/22/2023	1615	19TH ST	PALM WAY	90	E	N		3	0	3 C					
10/31/2025	1827	19TH ST	PALM WAY	41	W	N		3	0	1 G	Y				
11/7/2023	1144	EUCLID AVE	19TH ST	0		Y		3	0	2 D					
5/28/2024	1737	19TH ST	EUCLID AVE	330	W	N		4	0	1 C					
7/13/2024	1808	EUCLID AVE	19TH ST	0		Y		2	0	3 D					
7/23/2025	1853	EUCLID AVE	19TH ST	476	N	N		3	0	1 E		Y			
11/11/2025	1145	EUCLID AVE	19TH ST	0		Y		3	0	1 D					
4/4/2023	705	MOUNTAIN AVE	19TH ST	0		Y		3	0	1 D					
12/6/2023	1528	MOUNTAIN AVE	19TH ST	0		Y		3	0	2 D					Y
7/26/2024	2146	MOUNTAIN AVE	19TH ST	23	N	N		2	0	2 D			Y		
1/18/2025	2253	MOUNTAIN AVE	19TH ST	0		Y		4	0	1 D					
5/13/2025	819	MOUNTAIN AVE	19TH ST	0		Y		3	0	1 D					

ATTACHMENT D
SIGHT DISTANCE



SCALE: 1" = 50' (ON 11" x 17" SHEET)

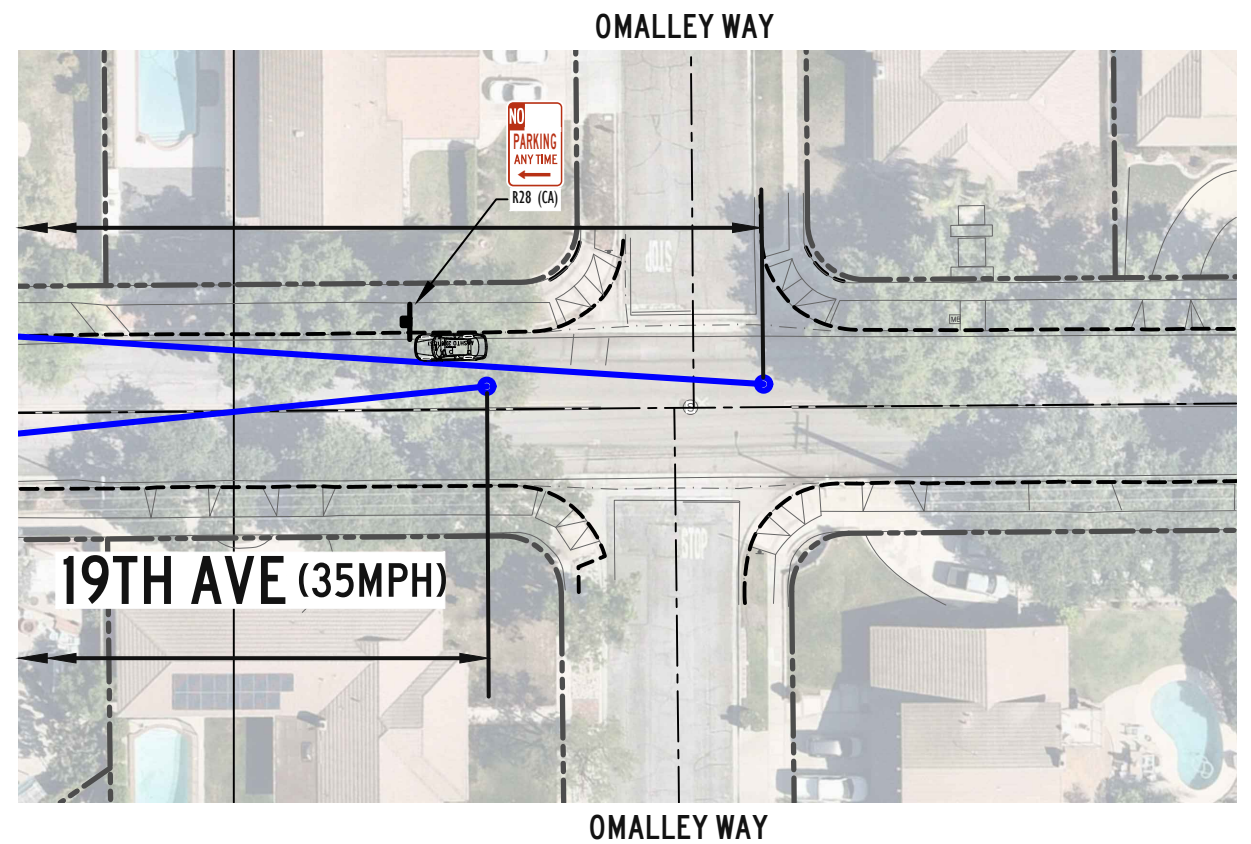
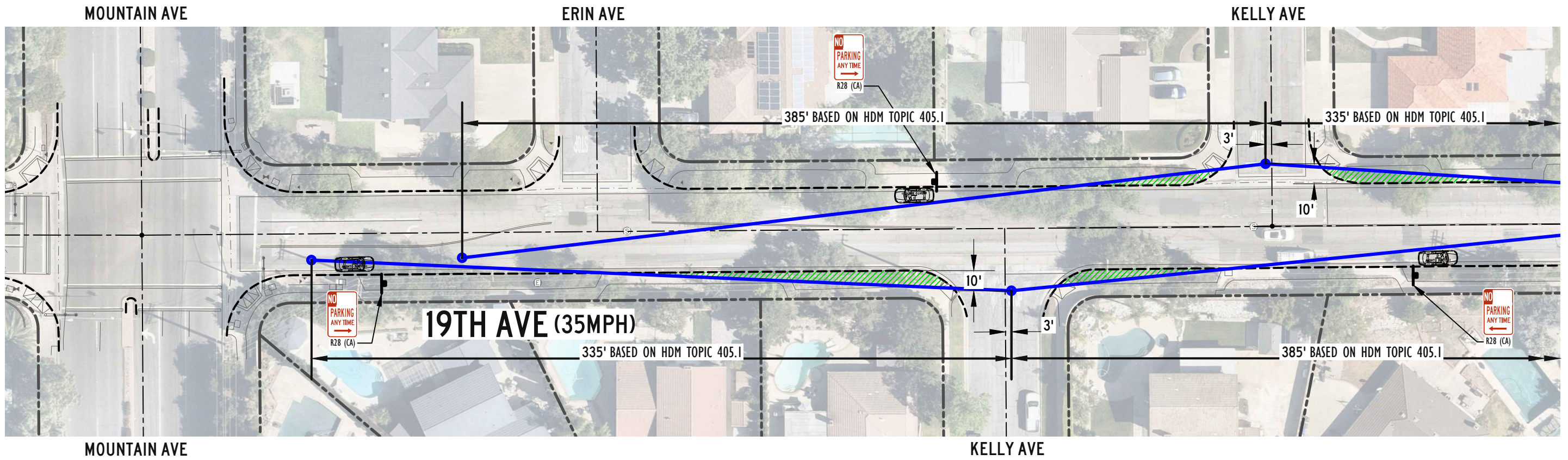
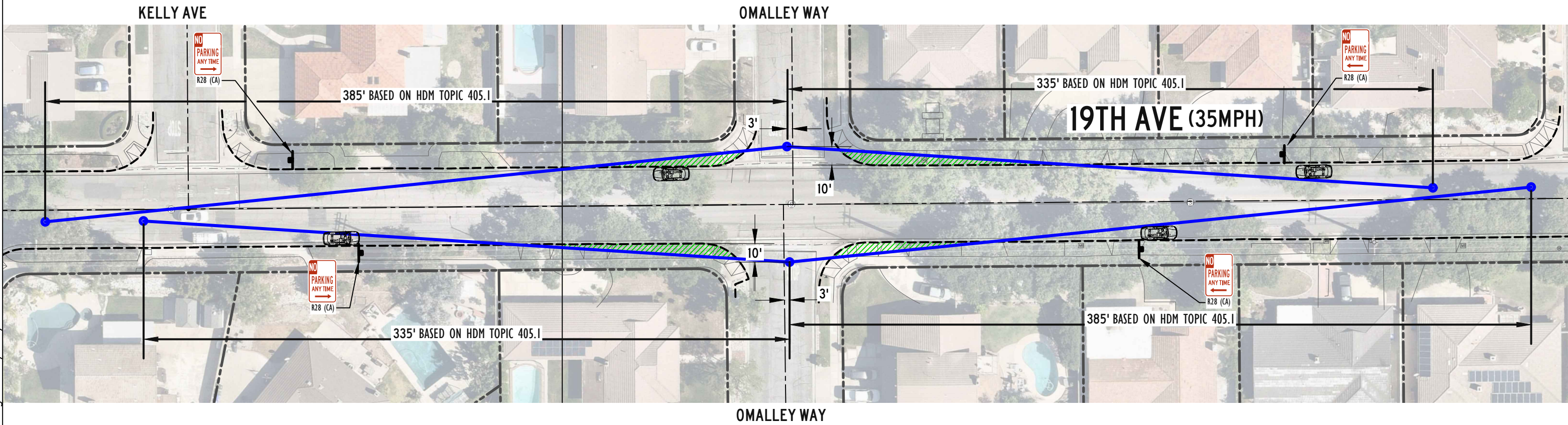


EXHIBIT A: 19TH AVE AND KELLY AVE SIGHT DISTANCE PER HDM

16897 - ACAD\16897_SightDistance_A3.dwg - 4/24/26 - JG

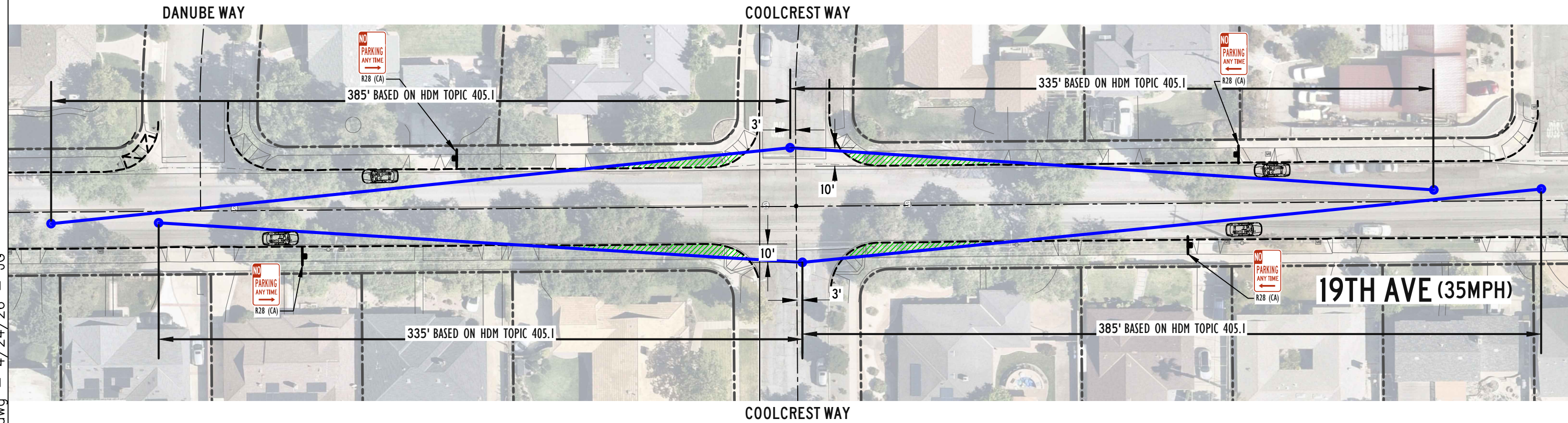


SCALE: 1" = 50' (ON 11" x 17" SHEET)



EXHIBIT B: 19TH AVE AND OMALLEY SIGHT DISTANCE PER HDM



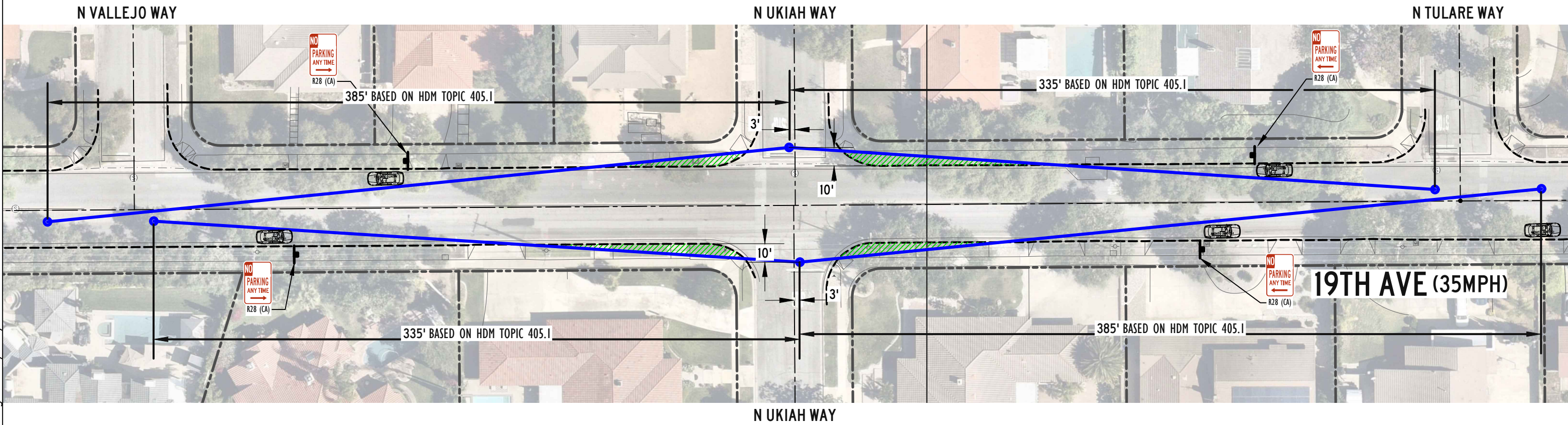


SCALE: 1" = 50' (ON 11" x 17" SHEET)



EXHIBIT C: 19TH AVE AND COOLCREST WAY SIGHT DISTANCE PER HDM

16897 - ACAD\16897_SightDistance_A3.dwg - 4/24/26 - JG



SCALE: 1" = 50' (ON 11" x 17" SHEET)



EXHIBIT D: 19TH AVE AND N UKIAH WAY SIGHT DISTANCE PER HDM



16897 - ACAD\16897_SightDistance_A3.dwg - 4/24/26 - JG

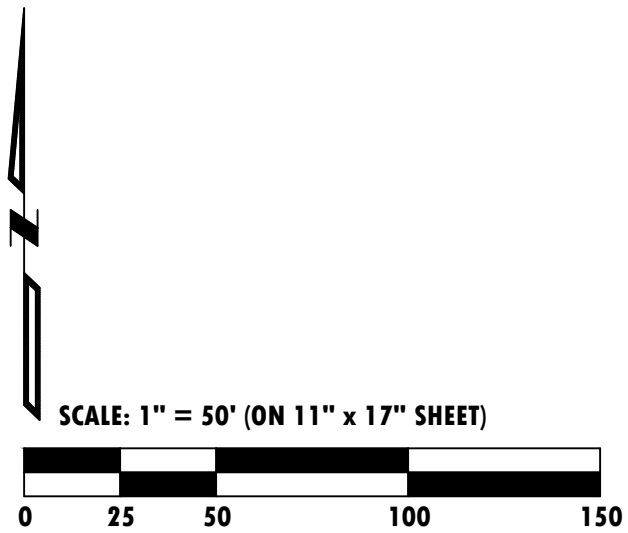
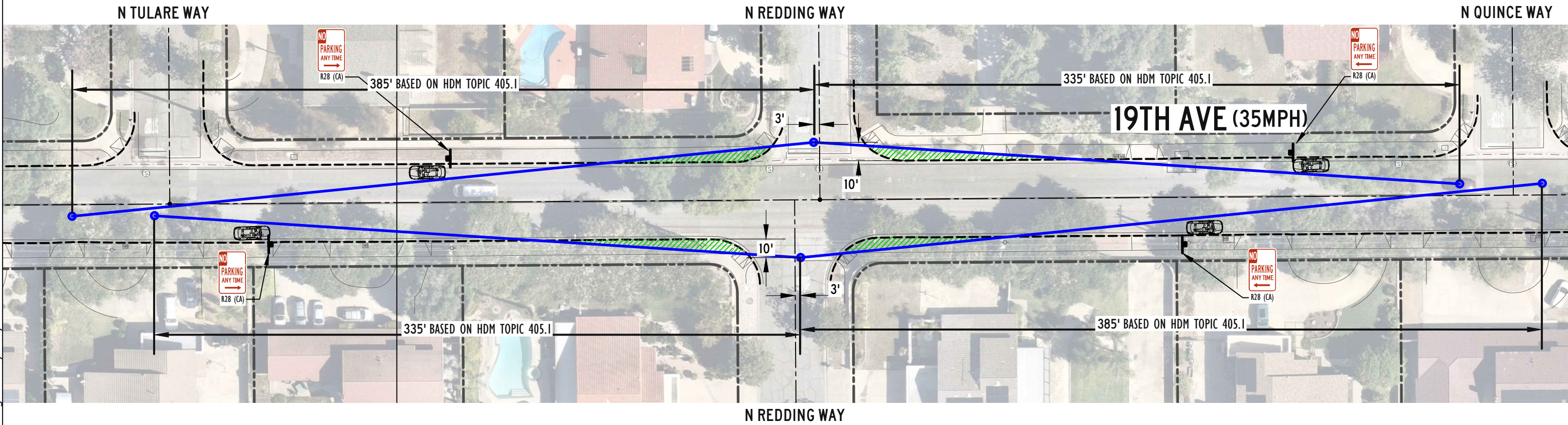
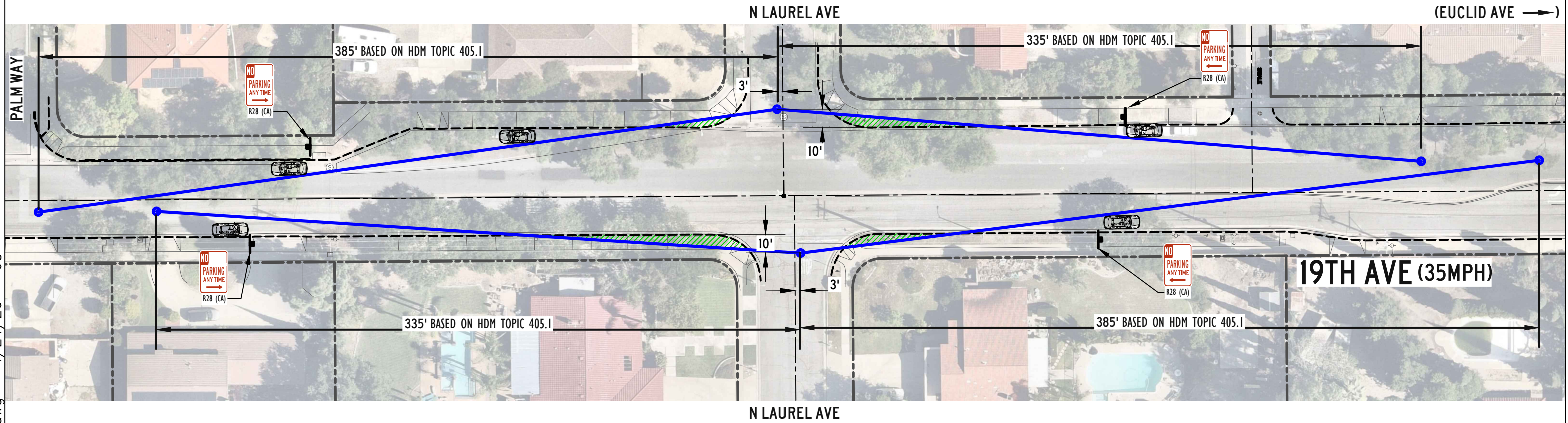


EXHIBIT E: 19TH AVE AND N REDDING WAY SIGHT DISTANCE PER HDM





SCALE: 1" = 50' (ON 11" x 17" SHEET)



EXHIBIT F: 19TH AVE AND N LAUREL AVE SIGHT DISTANCE PER HDM

ATTACHMENT E
EXISTING COUNT DATA SUMMARY

TABLE 1: EXISTING COUNT DATA¹

Time of Day (Begin Time)	Major Street: 19th Street	Minor Street: O'malley Way
12:00 AM	12	1
01:00 AM	5	0
02:00 AM	7	0
03:00 AM	11	0
04:00 AM	41	6
05:00 AM	62	10
06:00 AM	108	15
07:00 AM	361	18
08:00 AM	272	28
09:00 AM	207	13
10:00 AM	223	16
11:00 AM	209	13
12:00 PM	274	10
01:00 PM	250	15
02:00 PM	431	18
03:00 PM	692	9
04:00 PM	743	19
05:00 PM	742	15
06:00 PM	590	26
07:00 PM	364	16
08:00 PM	145	7
09:00 PM	135	7
10:00 PM	64	2
11:00 PM	30	1

¹ Major Street count data is vehicles only. Minor Street count data includes vehicles, bicycles, and pedestrians.

TABLE 2: EXISTING COUNT DATA¹

Time of Day (Begin Time)	Major Street: 19th Street	Minor Street: Coolcrest Way
12:00 AM	11	0
01:00 AM	5	0
02:00 AM	7	0
03:00 AM	8	0
04:00 AM	38	6
05:00 AM	51	3
06:00 AM	93	13
07:00 AM	343	14
08:00 AM	260	18
09:00 AM	190	17
10:00 AM	195	12
11:00 AM	206	11
12:00 PM	256	16
01:00 PM	242	15
02:00 PM	407	12
03:00 PM	675	16
04:00 PM	724	14
05:00 PM	719	19
06:00 PM	566	17
07:00 PM	347	10
08:00 PM	120	6
09:00 PM	112	4
10:00 PM	53	2
11:00 PM	21	0

¹ Major Street count data is vehicles only. Minor Street count data includes vehicles, bicycles, and pedestrians.

TABLE 3: EXISTING COUNT DATA¹

Time of Day (Begin Time)	Major Street: 19th Street	Minor Street: Ukiah Way
12:00 AM	5	0
01:00 AM	4	0
02:00 AM	3	0
03:00 AM	4	0
04:00 AM	27	3
05:00 AM	45	6
06:00 AM	78	8
07:00 AM	285	24
08:00 AM	237	16
09:00 AM	182	14
10:00 AM	188	15
11:00 AM	224	15
12:00 PM	271	14
01:00 PM	291	9
02:00 PM	459	42
03:00 PM	719	10
04:00 PM	777	13
05:00 PM	744	7
06:00 PM	612	20
07:00 PM	369	11
08:00 PM	137	5
09:00 PM	112	4
10:00 PM	53	1
11:00 PM	14	0

¹ Major Street count data is vehicles only. Minor Street count data includes vehicles, bicycles, and pedestrians.

TABLE 4: EXISTING COUNT DATA¹

Time of Day (Begin Time)	Major Street: 19th Street	Minor Street: Redding Way
12:00 AM	8	0
01:00 AM	4	0
02:00 AM	3	0
03:00 AM	4	1
04:00 AM	26	0
05:00 AM	45	4
06:00 AM	72	6
07:00 AM	285	20
08:00 AM	248	14
09:00 AM	183	11
10:00 AM	198	18
11:00 AM	239	10
12:00 PM	268	12
01:00 PM	295	8
02:00 PM	463	12
03:00 PM	712	7
04:00 PM	680	9
05:00 PM	740	12
06:00 PM	599	13
07:00 PM	372	6
08:00 PM	125	3
09:00 PM	105	4
10:00 PM	53	3
11:00 PM	13	0

¹ Major Street count data is vehicles only. Minor Street count data includes vehicles, bicycles, and pedestrians.

TABLE 5: EXISTING COUNT DATA¹

Time of Day (Begin Time)	Major Street: 19th Street	Minor Street: Laurel Avenue
12:00 AM	9	0
01:00 AM	4	0
02:00 AM	3	0
03:00 AM	5	0
04:00 AM	24	2
05:00 AM	49	6
06:00 AM	71	4
07:00 AM	298	14
08:00 AM	257	17
09:00 AM	186	11
10:00 AM	204	15
11:00 AM	243	15
12:00 PM	263	18
01:00 PM	307	17
02:00 PM	467	14
03:00 PM	729	12
04:00 PM	799	8
05:00 PM	753	11
06:00 PM	604	15
07:00 PM	374	5
08:00 PM	131	4
09:00 PM	107	1
10:00 PM	55	2
11:00 PM	17	3

¹ Major Street count data is vehicles only. Minor Street count data includes vehicles, bicycles, and pedestrians.

ATTACHMENT F
TRAFFIC CALMING MEASURE DETAILS

Speed Cushion



Description:

A speed cushion consists of two or more raised areas placed laterally across a roadway. The height and length of the raised areas are comparable to the dimensions of a speed hump. The primary difference is that a speed cushion has gaps between the raised areas to enable a vehicle with a wide track to pass through the feature without any vertical deflection. Typically spaced 260-500 feet apart.

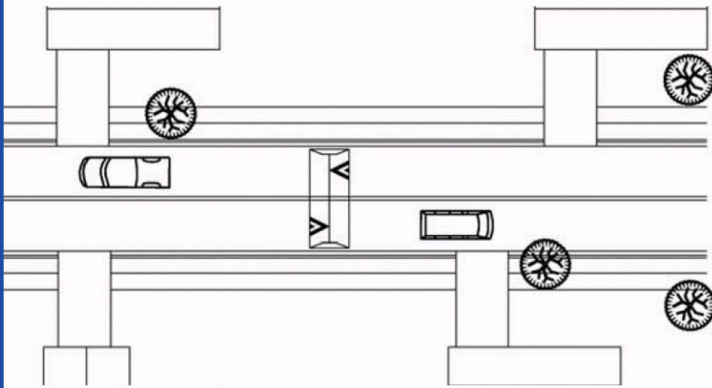
General Details on Traffic Control Application

Setting	Appropriate for both local and collector streets; placed midblock 150 to 250 feet away from an intersection
Speed Limit	Typically 30 MPH maximum; reduces speeds 6-13 MPH; not recommended if existing 85th percentile speed is 45 MPH or more
Vehicle Volume	~3,500 maximum daily volumes; may reduce volumes by 20%
Emergency Vehicle	Little to no effect on response time if emergency vehicle can straddle the street centerline
Transit	Appropriate along transit routes
Pedestrian	Reduces potential impact speeds/fatal collisions
Bicycle	Bicyclists and vehicles would share travel lanes
On-street Parking	Little to no effect on on-street parking
Drainage/Utilities	Little to no effect on drainage/utilities
Cost	\$3,000 to \$4,000

Speed Hump

Description:

A speed hump is an elongated mound in the roadway pavement surface extending across the travel way at a right angle to the traffic flow. A speed hump is typically 3 inches in height (with applications as high as 4 inches) and 12 feet in length along the vehicle travel path axis. Typically spaced 260-500 feet apart.



General Details on Traffic Control Application

Setting	Appropriate for a local street or any street that provides access to adjacent residential property; placed midblock 150 to 250 feet away from an intersection
Speed Limit	Typically 30 MPH maximum; reduces speeds 6-13 MPH; not recommended if existing 85th percentile speed is 45 MPH or more
Vehicle Volume	~3,500 maximum daily volumes; may reduce volumes by 20%
Emergency Vehicle	May slow emergency response
Transit	Not recommended along transit routes
Pedestrian	Reduces potential impact speeds/fatal collisions
Bicycle	Bicyclists and vehicles would share travel lanes
On-street Parking	Little to no effect on on-street parking
Drainage/Utilities	Little to no effect on drainage/utilities
Cost	\$2,000 to \$4,000

Traffic Circle (Not A Roundabout)



Description:

A traffic circle is a raised island, placed within an unsignalized intersection, around which traffic circulates. A circle forces a motorist to use reduced speed when entering and passing through an intersection, whether the vehicle path is straight through or involves a turn onto an intersecting street.

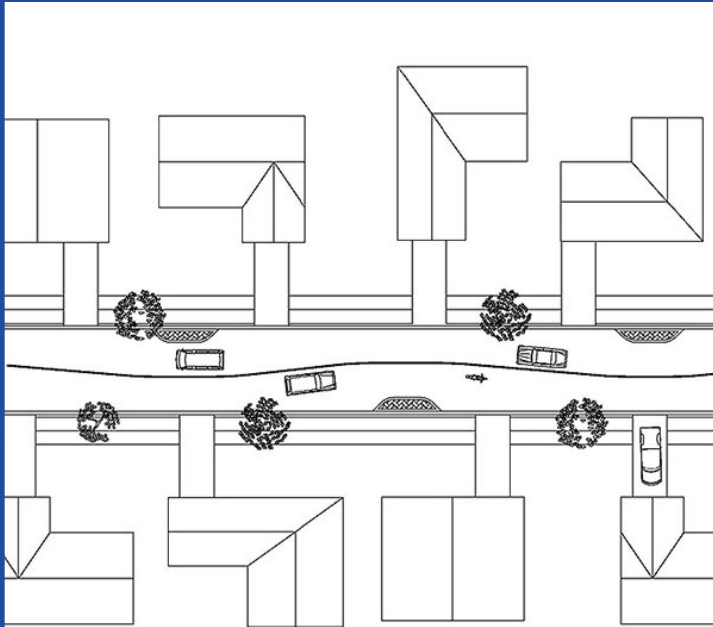
General Details on Traffic Control Application

Setting	Intersection of two local roads, urban/suburban, commercial/residential
Speed Limit	Typically 30 MPH maximum; requires slow approach/low speed limit; reduces speeds 5-13 MPH within 200 ft/1-6 MPH upstream
Vehicle Volume	~3,500 maximum daily vehicles per leg
Emergency Vehicle	May slow emergency response; not recommended for primary EV route
Transit	Not recommended along transit route
Pedestrian	Reduces conflict points; deflection could affect crosswalks
Bicycle	Bicyclists and vehicles would share travel lanes
On-street Parking	No effect on on-street parking
Drainage/Utilities	Should slope away from traffic circle; could affect existing utilities
Cost	\$10,000 to \$25,000 per location

Chicane

Description:

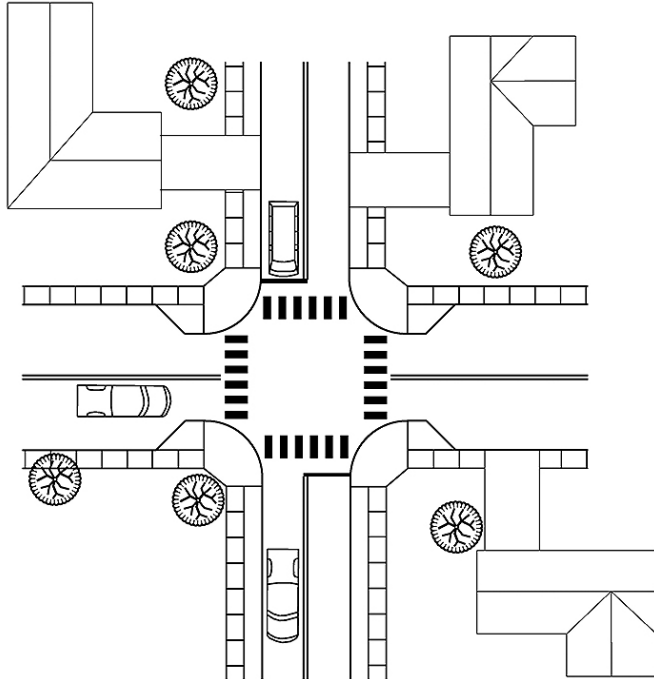
A chicane is a series of alternating curves or lane shifts that are located in a position to force a motorist to steer back and forth out of a straight travel path. The curvilinear path is intended to reduce the speed at which a motorist is comfortable travelling through the feature. The lower speed could in turn result in a traffic volume reduction.



General Details on Traffic Control Application

Setting	Applicable mid-block; can be appropriate for a local road or low-volume collector, urban/suburban
Speed Limit	Typically 35 MPH maximum; effective with presence of two-way traffic; reduces speeds 3 to 9 MPH. 5 to 13 MPH within the chicane
Vehicle Volume	~3,500 max daily vehicles per leg; up to 20% volume reduction
Emergency Vehicle	Little to no effect on response time if emergency vehicle can straddle the street centerline
Transit	Can be applicable along transit route
Pedestrian	Pedestrian crossings not recommended near chicanes
Bicycle	Bicyclists and vehicles would share travel lanes
On-street Parking	May reduce on-street parking
Drainage/Utilities	Can accommodate existing drainage
Cost	\$8,000 to \$25,000 per location

Corner Extension / Bulbout / Choker



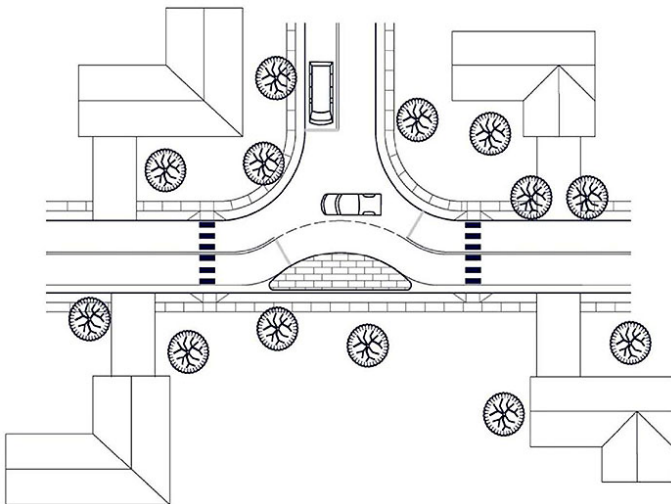
Description:

A curb extension is a horizontal extension of the sidewalk into the street resulting in a narrower roadway section. This device may be used at either corner or midblock. A curb extension at an intersection is called a corner extension or bulbout. A curb extension located midblock is called a choker.

General Details on Traffic Control Application

Setting	Applicable for all streets, intersections or segments; urban/suburban
Speed Limit	35 MPH or less (HDM 303.4); reduces 85 th percentile speeds 1 to 3.5 MPH
Vehicle Volume	Appropriate at all levels of traffic volume; little to no reduction
Emergency Vehicle	Little to no effect on response time if turning radii is not affected
Transit	Not recommended along routes involving turns
Pedestrian	Increases pedestrian safety; reduces crossing distance and pedestrian-vehicle conflicts
Bicycle	Bicyclists and vehicles would share travel lanes
On-street Parking	May reduce on-street parking
Drainage/Utilities	Additional design considerations required for drainage
Cost	\$6,000 to \$20,000 per location; >\$15,000 if drainage is needed

Realigned Intersection



Description:

A realigned intersection is the reconfiguration of an intersection with perpendicular angles to have skewed approaches or travel paths through the intersection. The expectation is that these physical features will remove or discourage fast vehicle movements through the intersection.

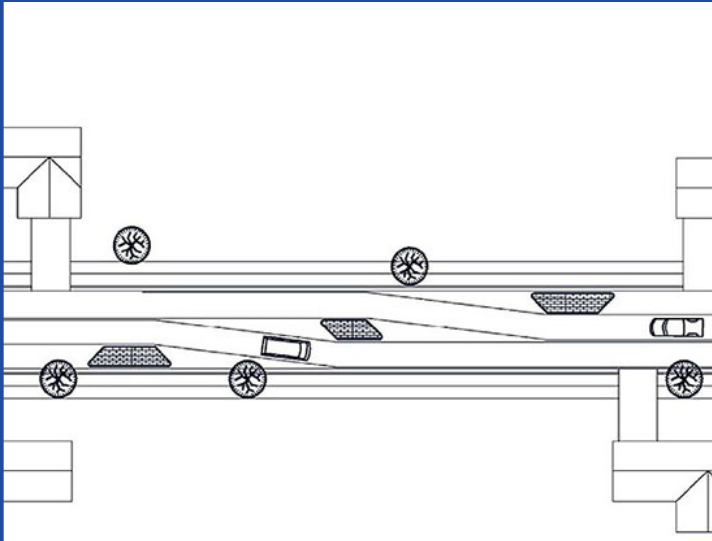
General Details on Traffic Control Application

Setting	Appropriate for collector, local, and subdivision streets, urban/suburban; applicable only at T-intersection
Speed Limit	Typically 25 MPH maximum; reduces speeds within intersection limits between 5 and 13 MPH and between 1 and 6 MPH in the vicinity
Vehicle Volume	Appropriate at all levels of traffic volume; little to no reduction
Emergency Vehicle	Little to no effect on response time if turning radii is not affected
Transit	Little to no effect on transit route if turning radii is not affected
Pedestrian	Improves pedestrian safety
Bicycle	Bicyclists and vehicles would share travel lanes
On-street Parking	May reduce on-street parking at or near intersection
Drainage/Utilities	Additional design considerations required for drainage
Cost	\$15,000 to \$60,000 per location

Lateral Shift

Description:

A lateral shift is a realignment of an otherwise straight street that causes travel lanes to shift in one direction. The primary purpose of a lateral shift is to reduce motor vehicle speed along the street. A typical lateral shift separates opposing traffic through the shift with the aid of a median island.



General Details on Traffic Control Application

Setting	Appropriate for most street classifications, urban/suburban
Speed Limit	Typically 35 MPH maximum; limited data on speed reductions
Vehicle Volume	Appropriate at all levels of traffic volume; limited data on volume reductions
Emergency Vehicle	Little to no effect on response time if emergency vehicle can straddle the median
Transit	Little to no effect on transit routes
Pedestrian	Can be a location for pedestrian crossing
Bicycle	Bicyclists and vehicles would share travel lanes
On-street Parking	May reduce on-street parking
Drainage/Utilities	Additional design considerations required for drainage
Cost	\$8,000 to \$25,000 per location