



CITY OF LAGUNA HILLS TRAFFIC COMMISSION

REGULAR MEETING AGENDA Wednesday, July 17, 2019 – 7:00 PM

Len Herman - Chair

Chris Mackey - Vice Chair

Anna Lisa Lukes - Commissioner

Chris Bieber - Commissioner

Larry Woodruff - Commissioner

Location: City Council Chamber, 24035 El Toro Road, Laguna Hills, CA 92653

Any person wishing to address the Traffic Commission on any matter, whether or not it appears on this Agenda, is asked to complete a "Request to Speak" form available on the table at the back of the Chamber. The completed form is to be submitted to the Recording Secretary prior to an individual being heard by the Traffic Commission. Completion of the form is voluntary. All persons may attend the meeting regardless of whether this form is completed.

Members of the public wishing to address the Traffic Commission can do so during the Public Comments portion of the Agenda with a time limitation of three minutes per person, an overall time limit of ten minutes for any one subject, and a total time limit of thirty minutes for Public Comments. If you are commenting on an Agenda item, your comments will be heard at the time that item is scheduled on the Agenda. If you are addressing the Commission on an item not listed on the Agenda, the Traffic Commission is prohibited by law from discussing or taking any action on that item.

CALL TO ORDER

Resolution No. 96-04-09-1 established rules of decorum for public meetings held by the City of Laguna Hills. Resolution No. 96-04-09-1 is available on the table at the back of the City Council Chamber.

PLEDGE OF ALLEGIANCE

ROLL CALL OF COMMISSION MEMBERS

1. PUBLIC COMMENTS

This is the time to address the Traffic Commission on any matter not listed on this Agenda that is within the subject matter jurisdiction of the Commission. Public Comments are limited to three minutes per person, an overall time limit of ten minutes for any one subject, and a total time limit of thirty minutes.

2. MINUTES**2.1 Minutes**

Recommendation: That the Traffic Commission Approve the Minutes of May 15, 2019.

3. PRESENTATIONS**4. ADMINISTRATIVE REPORTS****4.1 School Crossing Guard Need Assessment at Paseo De Valencia and Mackenzie Street**

Recommendation: That the Traffic Commission Receive and File the Report.

4.2 Modification of the No Parking During Street Sweeping Hours on Via Lomas

Recommendation: That the Traffic Commission Recommend to the City Council a Modification of the No Parking During Street Sweeping Hours on Via Lomas From 8:00 A.M. - 12:00 P.M. to 10:00 A.M. - 2:00 P.M. on the Second and Fourth Wednesday of Each Month.

5. INFORMATIONAL ITEMS**5.1 Sheriff's Department Verbal Report****5.2 Radar Speed Trailer**

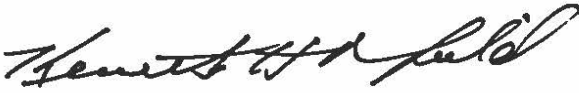
Recommendation: That the Traffic Commission Receive and File the Report.

6. COMMISSIONER COMMENTS**7. ADJOURNMENT**

The next Regular Meeting of the Traffic Commission will be September 18, 2019, at 7:00 PM in the City Council Chamber, located at 24035 El Toro Road, Laguna Hills California.

CERTIFICATION

I, KENNETH H. ROSENFELD, Assistant City Manager/Director of Public Services of the City of Laguna Hills, do hereby certify that a copy of the foregoing Agenda was posted at Laguna Hills City Hall, Laguna Hills Community Center, and the Courtyard at La Paz Center by July 11, 2019, at 5:00 pm.



Assistant City Manager/Director of Public Services

July 11, 2019

Date

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, you should contact the office of the City Engineer at (714) 707-2650. Notification 48 hours prior to the meeting will enable the City to make reasonable arrangements to assure access.

Materials related to an item on this Agenda submitted to the Commission after distribution of the Agenda packet are available for public inspection in the Public Services Department at 24035 El Toro Road, Laguna Hills, California, during normal business hours.



City of Laguna Hills

Traffic Commission

Staff Report

DATE: July 17, 2019
TO: Traffic Commissioners
FROM: Amber M. Shah P.E.
Associate Civil Engineer
ISSUE: Minutes

RECOMMENDATION: That the Traffic Commission Approve the Minutes of May 15, 2019.

ATTACHMENTS:

- Minutes

**CITY OF LAGUNA HILLS
TRAFFIC COMMISSION MEETING
REGULAR MEETING MINUTES
MAY 15, 2019**

CALL TO ORDER

The Regular Meeting of the Traffic Commission of the City of Laguna Hills, California, was called to order by Chair Herman at 7:00 PM in the Laguna Hills City Council Chamber, 24035 El Toro Road, Laguna Hills, California.

PLEDGE OF ALLEGIANCE

The Pledge of Allegiance was led by Chair Herman.

ROLL CALL OF COMMISSION MEMBERS

Present: Chair Len Herman, Vice Chair Chris Mackey, Commissioner Chris Bieber, Commissioner Larry Woodruff.

Absent: Commissioner Anna Lisa Lukes

1. PUBLIC COMMENTS

Roy Waltze, a resident, spoke regarding speeding vehicle noise pollution along Alicia Parkway.

2. MINUTES

THE TRAFFIC COMMISSION APPROVED THE MINUTES OF THE MAY 15, 2019, REGULAR MEETING, BY M/COMMISSIONER WOODRUFF, S/COMMISSIONER BIEBER.

APPROVED BY A VOTE OF 4-0, COMMISSIONER LUKES ABSENT.

3. PRESENTATIONS

3.1 PRESENTATION OF THE INTERSTATE 5 WIDENING PROJECT FROM STATE ROUTE 73 TO EL TORO ROAD

Mr. Niall Barrett, Program Manager at Orange County Transportation Authority, presented an overview of the Interstate 5 Widening Project from SR-73 to El Toro Road. Spanning approximately 6.5 miles, this freeway improvement project will increase capacity and improve operations. The project will deliver a new general-purpose lane in each direction, enhance carpool lanes, improve ramps and reconstruct interchanges, including La Paz Road. The project is part of Measure M.

**CITY OF LAGUNA HILLS
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REGULAR MEETING MINUTES
MAY 15, 2019**

4. ADMINISTRATIVE REPORTS

4.1 REVIEW OF TRAFFIC CONDITIONS ON LINDA VISTA DRIVE

Associate Civil Engineer Amber Shah indicated Staff was contacted regarding concerns of vehicular speeding on Linda Vista between Largo Drive/Creek Drive and Sarita Drive. Staff initiated a review of vehicular speeds and the traffic collision history on Linda Vista Drive.

The Traffic Engineers of Hartzog and Crabill, Inc., performed the review. The results of the study determined the 85th percentile speeds on Linda Vista Drive were 27.9 mph west of Alisal Avenue and 29.3 mph east of Alisal Avenue, respectively. Staff's experience has found the typical prevailing speed range for such streets to be between 32 and 34 mph, without traffic safety concerns. The 85th percentile speeds were below this range. The traffic count data determined the 24-hr volumes were low for a typical residential street of this character, and the five-year traffic collision review found no traffic collisions had been reported during this time. Due to the results of the study, no action was recommended.

Jeffrey Erskine, a resident, spoke regarding the traffic study methodology, results, and vehicular speeds.

Patrick Pollock, a resident, spoke regarding vehicular speeds in the neighborhood.

Patrick Scott, a resident, spoke regarding vehicular speeds in the neighborhood.

**THE TRAFFIC COMMISSION RECEIVED AND FILED THE REPORT.
BY M/COMMISSIONER WOODRUFF, S/COMMISSIONER BIEBER.
APPROVED BY A VOTE OF 4-0, COMMISSIONER LUKES ABSENT.**

4.2 EVALUATION OF CITYWIDE SCHOOL ZONES AND SCHOOL CROSSING SIGNAGE AND STRIPING

Associate Civil Engineer Amber Shah, indicated Staff initiated a field evaluation of all (citywide) school zones and school crossing signage and striping to determine steps needed to meet current standards at Laguna Hills High School, Lomarena Elementary School, New Vista School (private school), San Joaquin Elementary School and Valencia Elementary School. Staff was also contacted by a resident with concerns regarding school aged pedestrian access to Lomarena Elementary School. Due to the resident's concern, Staff initiated a separate analysis of crossing guard needs in that area.

**CITY OF LAGUNA HILLS
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MAY 15, 2019**

The Traffic Engineers of Hartzog & Crabill, Inc., completed a field evaluation of the existing school zones and school crossing signage and striping at the five schools and their respective surrounding streets up to an approximate 2800' radius from each school for upgrades, replacements and other recommendations to meet current standards in accordance with the California Manual on Uniform Traffic Devices (CA MUTCD).

Based upon the field review, a total of eleven crosswalk intersection striping upgrades, twenty-eight sign replacements and nine new signs were recommended for installation on the streets adjacent to Laguna Hills High School, Lomarena Elementary School, San Joaquin Elementary School and Valencia Elementary School. The signage at New Vista School was determined to be appropriate for this location.

**THE TRAFFIC COMMISSION RECEIVED AND FILED THE REPORT.
BY M/COMMISSIONER WOODRUFF, S/VICE CHAIR MACKEY.
APPROVED BY A VOTE OF 4-0, COMMISSIONER LUKES ABSENT.**

4.3 EVALUATION OF LOMARENA ELEMENTARY SCHOOL ADULT CROSSING GUARD LOCATIONS

Associate Civil Engineer Amber Shah, indicated Staff was contacted by a resident with concerns regarding students walking to Lomarena Elementary school and crossing residential streets southerly of the school without adult crossing guards. Staff initiated a review of school walking patterns during the morning and afternoon peak-hour school times to collect data required by the California Manual on Uniform Traffic Control Devices (CA MUTCD) on adult crossing guard criteria and to determine if the standards are met for the deployment of additional adult crossing guards.

The Traffic Engineers of Hartzog and Crabill, Inc., (HCI) completed the review of the streets southerly of Lomarena Elementary School on 1) Grissom Road, between Wilkes Place and Los Bolsas, 2) Mawson Drive, between Wilkes Place and Las Bolsas, and 3) Velasquez Road, between Mawson Drive and Earhart Road.

The school pedestrian counts determined there were 12 pedestrians crossing during the morning peak-hour and 24 pedestrians crossing during the afternoon peak-hour at the intersection of Velasquez Road and Mawson Drive. The pedestrian counts did not satisfy the criteria of 40 school pedestrians for each of the two hours. The traffic volumes during these hours also fell below the criteria of 350 vehicles for each of the two hours at an uncontrolled crossing.

**CITY OF LAGUNA HILLS
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MAY 15, 2019**

The pedestrian counts at the intersection of Velasquez Road at Earhart Road, a four-way stop sign controlled intersection, did exceed the criteria of 40 pedestrians per each of the two hours with 114 pedestrians during the morning peak-hour and 116 pedestrians during the afternoon peak-hour. However, the traffic volumes, at 115 vehicles and 231 vehicles, respectively, did not satisfy the criteria of 500 vehicles for each of the two hours at a stop sign controlled crossing.

There were no school pedestrian crossings observed at or near the intersections of Mawson Drive at Wilkes Place or Mawson Drive at Las Bolsas.

Ms. Shah indicated none of the intersections reviewed satisfied the criteria for an adult crossing guard. No action was recommended in response to this data.

Ms. Shah indicated, independently, the Sheriff's Department was working with the Principal of Lomarena Elementary school regarding traffic control concerns in front of the school, along Earhart Road.

Nathan Gibbs, a resident, spoke in favor of additional traffic controls at the intersections reviewed in the report.

Melissa Benes, a resident, spoke in favor of additional traffic controls.

Patrick Scott, a resident, spoke in favor of additional traffic controls.

Calista Gibbs, a student of Lomarena Elementary school, spoke in favor of additional traffic controls.

Felisa Gibbs, a resident, spoke in favor of additional traffic controls.

**THE TRAFFIC COMMISSION RECEIVED AND FILED THE REPORT.
BY M/VICE CHAIR MACKEY, S/COMMISSIONER BIEBER.
APPROVED BY A VOTE OF 4-0, COMMISSIONER LUKES ABSENT.**

4.4 2019 TRAFFIC FLOW MAP

Ms. Shah indicated the City performs a 24-hour two-way traffic volume survey every two years in order to measure traffic flow and patterns throughout the City. The City's Traffic Engineering Consultants, Hartzog and Crabill, Inc., recently completed the 2019 Traffic Flow Map based upon the Average Daily Traffic (ADT) count for the arterials and collector streets in the City.

**CITY OF LAGUNA HILLS
TRAFFIC COMMISSION MEETING
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**THE TRAFFIC COMMISSION RECEIVED AND FILED THE REPORT.
BY M/COMMISSIONER BIEBER, S/COMMISSIONER WOODRUFF.
APPROVED BY A VOTE OF 4-0, COMMISSIONER LUKES ABSENT.**

5. INFORMATIONAL ITEMS

5.1 SHERIFF'S DEPARTMENT VERBAL REPORT

Sergeant McFatridge indicated the Sheriff's Department was aware of the issues at Lomarena Elementary School, the increased traffic volumes on Santa Vittoria Drive, and the issues on Linda Vista Drive. Sergeant McFatridge said the Sheriff's Department had adjusted their traffic enforcement, and were actively enforcing those areas, along with the areas mentioned on the agenda.

5.2 RADAR SPEED TRAILER

Staff submitted the schedule for the radar trailer.

6. COMMISSIONER COMMENTS

There were no Commissioner Comments.

7. ADJOURNMENT

There being no further business before the Traffic Commission at this session, Chair Herman declared the meeting adjourned at 8:25 p.m.

Prepared By:

Amber Shah, P.E.
Associate Civil Engineer

Approved By:

Chair Len Herman

Attachment: Minutes (1914 : Minutes)



City of Laguna Hills

Traffic Commission

Staff Report

DATE: July 17, 2019
TO: Traffic Commissioners
FROM: Amber M. Shah P.E.
Associate Civil Engineer
ISSUE: School Crossing Guard Need Assessment at Paseo De Valencia and Mackenzie Street

RECOMMENDATION: That the Traffic Commission Receive and File the Report.

SUMMARY:

City Council was recently contacted by a resident with concerns regarding students walking to Valencia Elementary School along Paseo de Valencia as it crosses Mackenzie Street, a side-street stop sign controlled T-intersection with Paseo de Valencia, easterly of the school. Please see the attached Vicinity Map. Based upon the resident's concern and in accordance with the Residential Streets Management Policy, staff initiated a review of school walking patterns during the morning and afternoon peak-hour school times to collect data required by the California Manual on Uniform Traffic Control Devices (CA MUTCD) on adult crossing guard criteria and to determine if the standards are met for the deployment of additional adult crossing guards. Based upon the data collected during the field evaluation, this intersection did not satisfy the criteria for an adult crossing guard per the latest CA MUTCD guidelines.

BACKGROUND:

Mackenzie Street, between La Paz Road and Paseo de Valencia, is a two-lane local roadway with one lane in each direction with parking allowed on both sides of the street. Mackenzie Street has a southbound school crossing warning sign posted near Grissom Road on the approach to Paseo de Valencia. The roadway has no striping with the exception of short double-yellow centerlines at the intersection of the yellow striped

School Crossing Guard Need Assessment at Paseo De Valencia and Mackenzie Street
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school crosswalk at Paseo de Valencia. The street is 25 MPH per CVC 515. There are sidewalks on both sides of the roadway. Mackenzie Street is controlled by a side-street stop sign at its intersection with Paseo de Valencia.

Valencia Elementary School is located along Paseo de Valencia at the major cross-street of La Paz Road. The sidewalk along the northerly side of Paseo de Valencia continuously connects westerly from Mackenzie Street to Valencia Elementary School.

Staff observed and collected peak-hour school-age pedestrian crossing data during a typical midweek school day on Tuesday, May 21, 2019, from 7:45-8:45 AM and from 2:15-3:15 PM at the side street stop sign controlled T-intersection of Mackenzie Street at Paseo de Valencia.

Peak-Hour	School-Age Pedestrians Crossing	Vehicular Traffic Volumes
7:45 – 8:45 AM	14	139
2:15 – 3:15 PM	12	64
TOTAL:	26	203

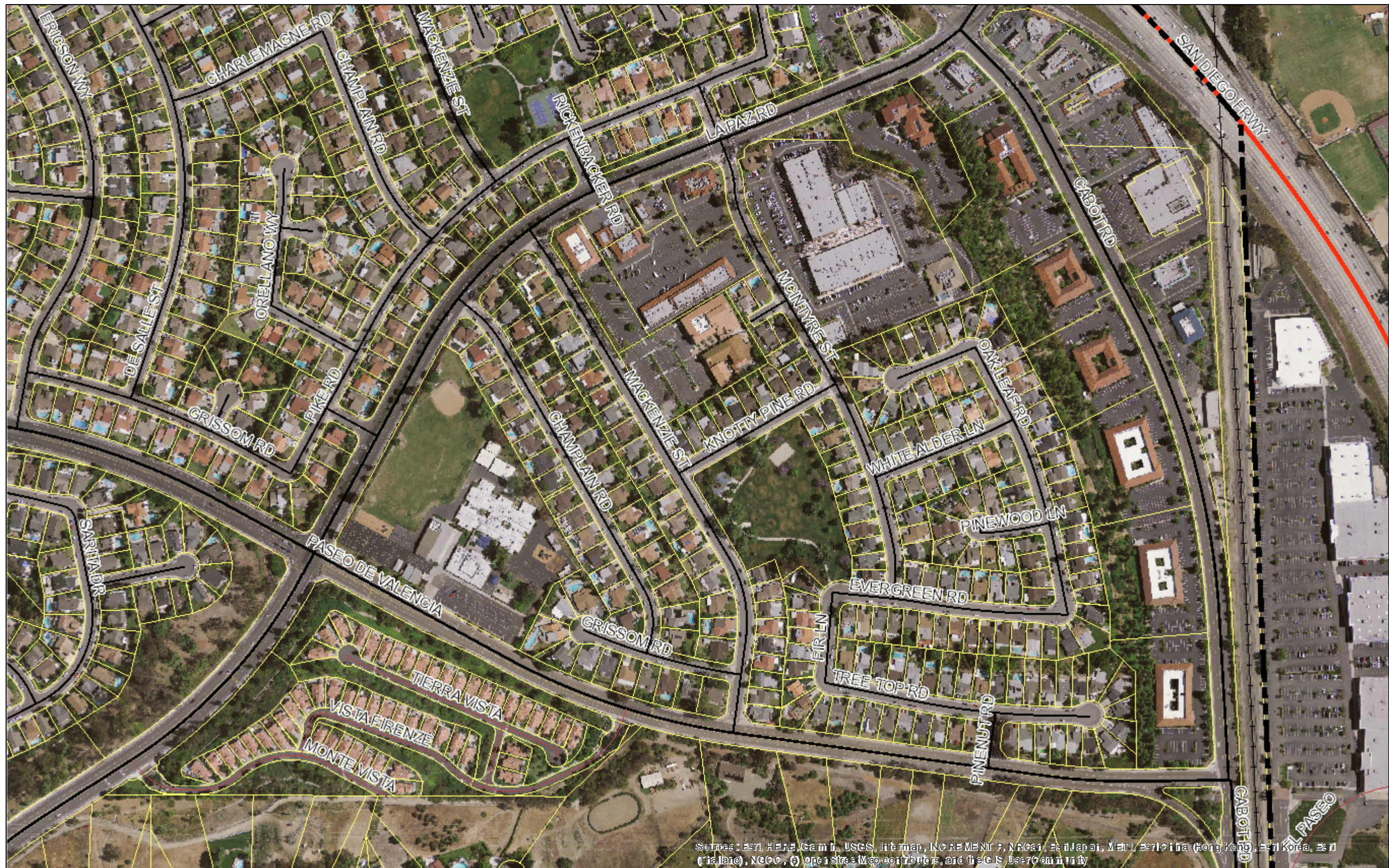
The California Manual of Uniform Traffic Control Devices establishes the criteria which justifies the use of a school crossing guard. For the subject intersection, the criteria identifying the need for the school crossing guard is a pedestrian count of at least 40 school pedestrians for each of any two hours of the day and a minimum of 500 vehicles per hour during any period when the school pedestrians are going to or from school crossing at a stop sign-controlled crossing.

As can be seen above, during the highest morning and afternoon school peak hours, there were not at least 40 school pedestrians for each of the two hours. The traffic volumes during these hours also fell below the criteria of 500 vehicles for each of the two hours at a stop sign controlled crossing. Therefore, this intersection did not satisfy the criteria for an adult crossing guard per the latest CA MUTCD guidelines in Chapter 7d – Crossing Supervision. No action is needed in response to this data.

ATTACHMENTS:

School Crossing Guard Need Assessment at Paseo De Valencia and Mackenzie Street
July 17, 2019
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- Vicinity Map



Attachment: Vicinity Map (1912 : School Crossing Guard Need Assessment at Paseo De Valencia and Mackenzie Street)



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VICINITY MAP - MACKENZIE STREET & PASEO DE VALENCIA





City of Laguna Hills

Traffic Commission

Staff Report

DATE: July 17, 2019
TO: Traffic Commissioners
FROM: Amber M. Shah P.E.
Associate Civil Engineer
ISSUE: Modification of the No Parking During Street Sweeping Hours on Via Lomas

RECOMMENDATION: That the Traffic Commission Recommend to the City Council a Modification of the No Parking During Street Sweeping Hours on Via Lomas From 8:00 A.M. - 12:00 P.M. to 10:00 A.M. - 2:00 P.M. on the Second and Fourth Wednesday of Each Month.

SUMMARY:

Staff received a request from the Sheriff's Department regarding the hours of street sweeping operations on Via Lomas. The Sheriff's Department stated they have observed vehicular conflicts between the significant number of vehicles parked on the street that are required to move off the street during street sweeping hours and vehicles seeking egress from the adjacent multiple family dwelling units parking lots along Via Lomas during the 8:00 a.m. peak-hour, when the no parking during street sweeping hours are currently in effect. Based upon a field review of the current site conditions and the Sheriff's Department input, staff recommends a modification of the no parking during street sweeping hours from 8:00 a.m. to 12:00 p.m. to 10:00 a.m. to 2:00 p.m. on the second and fourth Wednesday of each month to resolve this conflict.

BACKGROUND:

Via Lomas is a two-lane residential collector street located between Alicia Parkway and Moulton Parkway that provides access to multiple family dwelling units. Please see the attached vicinity map. In the past, staff and the Traffic Commission have reviewed this

Modification of the No Parking During Street Sweeping Hours on Via Lomas

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street for parking issues for sight distance purposes and for the establishment of no parking during street sweeping hours. Parking is currently allowed on both sides of the street, except at previously designated no parking zones at fire hydrants, mailboxes and school bus loading areas. No parking during street sweeping hours from 8:00 a.m. to 12:00 p.m. on the second and fourth Wednesday of each month was established in December 2001.

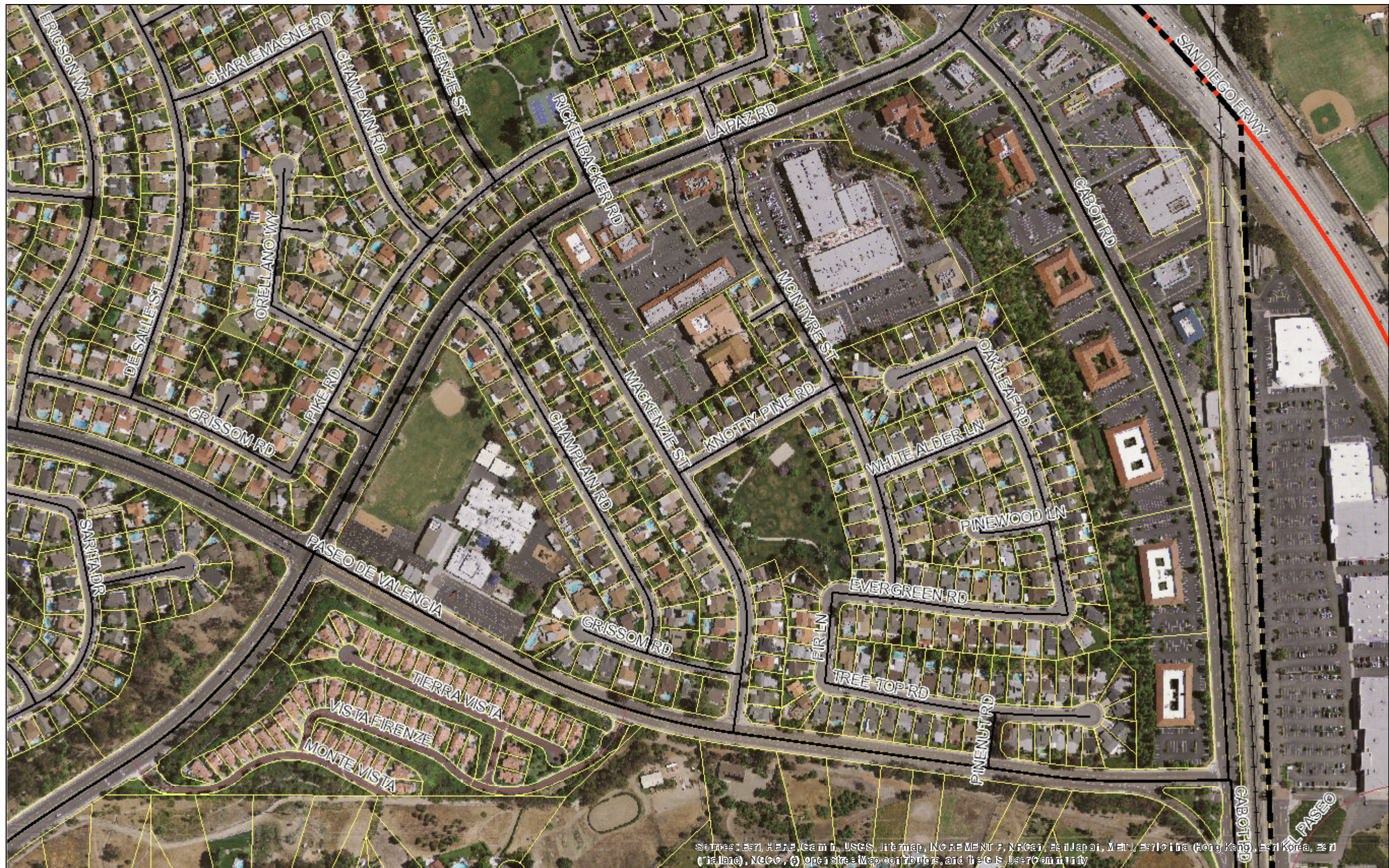
Recently, staff received a request from the Sheriff's Department regarding the hours of street sweeping operations on Via Lomas. The Sheriff's Department stated they have observed vehicular conflicts between the significant number of vehicles parked on the street that are required to move off the street during street sweeping hours and vehicles seeking egress from the adjacent multiple family dwelling units parking lots along Via Lomas during the 8:00 a.m. peak-hour, when the no parking during street sweeping hours are currently in effect. In order to address the Sheriff's Department input, ease congestion of vehicles during the 8:00 a.m. peak-hour and continue to support the goals of the National Pollutant Discharge Elimination System (NPDES) program for storm water quality, by ensuring regular street sweeping operations are able to clean trash and debris from the streets to prevent it from entering the storm drain system, staff recommends the modification of the No Parking during Street Sweeping Hours to 10:00 a.m. to 2:00 p.m. on the second and fourth Wednesday of each month.

FISCAL IMPACT:

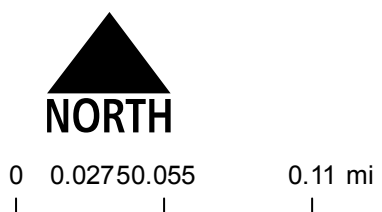
The replacement of six (6) "No Parking during Street Sweeping, from 10:00 a.m. to 2:00 p.m., Second and Fourth Wednesday" signs have an anticipated cost of \$900. Funds are available for this work in the 2019-20 Fiscal Year Public Works Maintenance Budget.

ATTACHMENTS:

- Vicinity Map



VICINITY MAP - MACKENZIE STREET & PASEO DE VALENCIA





City of Laguna Hills

Traffic Commission

Staff Report

DATE: July 17, 2019
TO: Traffic Commissioners
FROM: Amber M. Shah P.E.
Associate Civil Engineer
ISSUE: Radar Speed Trailer

RECOMMENDATION: That the Traffic Commission Receive and File the Report.

ATTACHMENTS:

- Radar Trailer Calendar

CITY OF LAGUNA HILLS

JULY 2019

RADAR TRAILER SCHEDULE (RAINY DAYS EXCLUDED)

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2	3	4 HOLIDAY	5	6
7	8	9	10	11	12	13
14	15	16 Rapid Falls W/O Sundowner 25 MPH	17 Bridlewood S/O Laurel Crest 25 MPH	18 Santa Vittoria S/O Bassano East 30 MPH	19	20
21	22	23 WB Oso Pkwy E/O Nellie Gail 50 MPH	24 WB Laguna Hills E/O Indian Hills 45 MPH	25 EB Laguna Hills E/O Indian Hills 45 MPH	26	27
28	29	30	31			

Attachment: Radar Trailer Calendar (1915 : Radar Speed Trailer)

CITY OF LAGUNA HILLS

AUGUST 2019

RADAR TRAILER SCHEDULE (RAINY DAYS EXCLUDED)

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2	3
4	5	6 NB Paseo de Valencia N/O Beckenham 45 MPH	7 SB Paseo de Valencia N/O Laguna Hills 45 MPH	8 NB Paseo de Valencia N/O Beckenham 45 MPH	9	10
11	12	13 Mustang E/O Appaloosa 25 MPH	14 Nellie Gail E/O Empty Saddle 25 MPH	15 Hidden Trail N/O Pinestrap 25 MPH	16	17
18	19	20	21	22	23	24
25	26	27 EB Alicia Pkwy W/O Wilkes 45 MPH	28 WB Alicia Pkwy W/O Wilkes 45 MPH	29 EB La Paz Rd W/O Monte Vista 45 MPH	30	31

Attachment: Radar Trailer Calendar (1915 : Radar Speed Trailer)

CITY OF LAGUNA HILLS

SEPTEMBER 2019

RADAR TRAILER SCHEDULE (RAINY DAYS EXCLUDED)

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2 HOLIDAY	3 NB Paseo de Valencia N/O Beckenham 45 MPH	4 SB Paseo de Valencia N/O Laguna Hills 45 MPH	5 NB Paseo de Valencia N/O Beckenham 45 MPH	6	7
8	9	10	11	12	13	14
15	16	17 EB Alicia Pkwy W/O Wilkes 45 MPH	18 WB Alicia Pkwy W/O Wilkes 45 MPH	19 EB La Paz Rd W/O Monte Vista 45 MPH	20	21
22	23	24 Rapid Falls W/O Sundowner 25 MPH	25 Bridlewood S/O Laurel Crest 25 MPH	26 Santa Vittoria S/O Bassano East 30 MPH	27	29
29	30					

Attachment: Radar Trailer Calendar (1915 : Radar Speed Trailer)