

AGENDA

Meeting of the San Marcos Traffic Commission

Meeting Date: March 06, 2024 | **Meeting Time:** 6:00 PM

Location: City Council Chambers, 1 Civic Center Drive, San Marcos CA 92069

Americans with Disabilities Act: If you need special assistance to participate in this meeting, please contact the City Clerk at (760) 744-1050, ext. 3145. Notification 48 hours in advance will enable the City to make reasonable arrangements to ensure accessibility to this meeting. Assisted listening devices are available for the hearing impaired. Please see the City Clerk if you wish to use this device.

Public Comment: Please complete a "Request to Speak" form located at the entrance of the Council Chambers in order to address the Traffic Commission on an agenda item. Comments are limited to three minutes, unless you have registered your organization with the City Clerk. If you wish to speak on an item not on the agenda, you may do so under "Oral Communications." Please complete a "Request to Speak" form as noted above and indicate which item number you wish to address.

Agendas: Agenda packets are available for public inspection 72 hours prior to scheduled meetings at the Information Desk counter located on the first floor of City Hall, 1 Civic Center Drive, San Marcos, during normal business hours or online at www.san-marcos.net.

Agenda-related writings or documents provided to a majority of the Commission after distribution of the agenda packet will be available for public inspection at the time of distribution at the Information Desk counter located on the first floor of City Hall, 1 Civic Center Drive, San Marcos, CA, during normal business hours.

1. CALL TO ORDER - 6:00 P.M.

2. PLEDGE OF ALLEGIANCE

3. ROLL CALL

Anyone wishing to speak to the Commission on any item must first complete a Request to Speak form and turn it in to the secretary.

4. SEATING OF NEW COMMISSIONERS

5. SELECTION OF NEW CHAIRPERSON AND VICE CHAIRPERSON

6. ORAL COMMUNICATIONS

Persons wishing to speak on a matter not on the agenda may be heard at this time; however, no action will be taken until placed on a future agenda.

7. APPROVAL OF MINUTES

January 03, 2024



City of San Marcos
1 Civic Center Drive
San Marcos, CA 92069

8. OLD BUSINESS

None

9. NEW BUSINESS

- a. La Sombra Drive – Speed Feedback Sign Installation

10. REPORTS AND INFORMATION ITEMS

- a. Work Order Updates
- b. San Diego County Sheriff's Department Traffic Collision Summary and Accident Investigation Log
- c. Traffic Commission Commentary
- d. Staff Commentary

ADJOURNMENT

AFFIDAVIT OF POSTING

STATE OF CALIFORNIA)
COUNTY OF SAN DIEGO) ss.
CITY OF SAN MARCOS)

I, Gina Jackson, Secretary, San Marcos Traffic Commission, hereby certify that I caused the posting on February 28, 2024 of this agenda in the glass display case at the north entrance of City Hall.

DATED: February 28, 2024

Gina Jackson,
Traffic Commission Secretary



MINUTES

Regular Meeting of the Traffic Commission

WEDNESDAY, JANUARY 03, 2024

City Council Chambers
1 Civic Center Drive, San Marcos, CA 92069

CALL TO ORDER

At 6:00 p.m. Traffic Commission Chair Arturo Rico called the meeting to order.

PLEDGE OF ALLEGIANCE

Commissioner Carroll led the Pledge of Allegiance.

ROLL CALL

PRESENT:	COMMISSIONERS:	ERICKSON, KOVRIG, RICO, CARROLL,
ABSENT:	COMMISSIONERS:	SCHELLENGER, HANSEN, HOAGLIN, CLARK

Also present were: Deputy City Engineer Stephanie Kellar; Associate Engineer-Traffic Damian Schoenecke; Senior Office Specialist Gina Jackson

ORAL AND WRITTEN COMMUNICATIONS:

None

APPROVAL OF MINUTES

5. Approval of Minutes, November 01, 2023

COMMISSIONER KOVRIG MAKES A MOTION TO ACCEPT THE MINUTES AS RECORDED; SECONDED BY COMMISSIONER RICO. MOTION CARRIED BY THE FOLLOWING VOTE:

AYES:	COMMISSIONERS: ERICKSON, KOVRIG, RICO, CARROLL,
NOES:	COMMISSIONERS: NONE
ABSENT:	COMMISSIONERS: SCHELLENGER, HANSEN, HOAGLIN, CLARK
ABSTAIN:	COMMISSIONERS: NONE

OLD BUSINESS

6. A. None

NEW BUSINESS

7. A. None

8. REPORTS AND INFORMATION ITEMS

A. **Presentation** – Active Transportation Plan
Stephanie Kellar gave the report.

Commissioners Discussions Included: Are trails included; coordination between other cities during the border areas; reduced parking spaces; connection on a regional level.

B. **Presentation** – Neighborhood Traffic Management Policy 6-month Review
Damian Schoenecke gave the presentation.

Commissioners Discussion Included: Conditions on Hollow Rd.; wonderful demonstration and tool for the residents; identifying cut-through traffic.

C. **Presentation** – Rancho Dorado Traffic Calming 6-month Review
Damian Schoenecke gave the presentation.

Commissioner Discussions Included: Feedback from the HOA or residents; appreciate the review; another review before the one year mark; appreciate getting the follow up reports.

D. **Presentation** – Citywide Speed Surveys
Damian Schoenecke gave the presentation.

Commissioner Discussions Included: Linda Vista adjustment.

E. **Work Order Updates:** Discovery Street extension was opened to the public.

F. **San Diego County Sheriff's Dept. Traffic Collision Summary and Accident Investigation Log:**

DUI/Alcohol Arrests:	Nov (14)	Dec (38)	YTD (202)
DUI Accidents:	Nov (4)	Dec (14)	YTD (81)
Fatal Collisions:	Nov (0)	Dec (0)	YTD (3)
Injury Collisions:	Nov (27)	Dec (27)	YTD (252)
Non-Injury Collisions:	Nov (25)	Dec (37)	YTD (355)

Persons Killed	Nov (0)	Dec (0)	YTD (3)
Persons Injured	Nov (37)	Dec (42)	YTD (343)
Pedestrian Collisions:	Nov (1)	Dec (1)	YTD (17)
Pedestrians Killed:	Nov (0)	Dec (0)	YTD (1)
Pedestrians Injured:	Nov (1)	Dec (0)	YTD (14)
Bicyclist Collisions:	Nov (3)	Dec (2)	YTD (33)
Bicyclist Killed:	Nov (0)	Dec (0)	YTD (0)
Bicyclist Injured	Nov (3)	Dec (1)	YTD (27)
Motorcycle Collisions:	Nov (2)	Dec (3)	YTD (17)
Motorcyclists Killed	Nov (0)	Dec (0)	YTD (0)
Motorcyclist Injured	Nov (2)	Dec (3)	YTD (16)
NTA Citations/Hazardous:	Nov (172)	Dec (135)	YTD (2453)
NTA Citations/Non-Hazardous	Nov (45)	Dec (31)	YTD (739)

G. Traffic Commission Commentary: Commend staff for their thorough reports; how decision is made for lanes getting the left turns; traffic signal timing; invites to lane openings; having a tour of the Traffic Management Center; accessibility to report a concern, hard to navigate.

Staff Response: Staff will make sure the Commission is invited to the events; the holiday delayed the traffic signal timing, as well as the power outage; January 8th we will start the signal timings; intersection geometry determines the turn lanes. We'll look into the app and website accessibility to report a concern.

H. Staff Commentary: Via Vera Cruz bridge is open. Intermittent closure on Discovery and striping on Bent Ave. Planting along the roadway will be done in the following months.

ADJOURNMENT

Chairman Rico adjourned the meeting at 7:08 p.m.

ARTURO RICO, CHAIRMAN
CITY OF SAN MARCOS TRAFFIC COMMISSION

ATTEST:

GINA JACKSON, SENIOR OFFICE SPECIALIST
CITY OF SAN MARCOS TRAFFIC COMMISSION

AGENDA REPORT

Meeting of the San Marcos Traffic Commission

MEETING DATE: March 6, 2024
AGENDA ITEM NO: 9A
SUBMITTED BY: Damian Schoenecke, EIT – Associate Engineer
REVIEWED BY: Edd Alberto, TE – City Traffic Engineer
APPROVED BY: Isaac Etchamendy – City Engineer
SUBJECT: La Sombra Drive – Speed Feedback Sign Installation

BACKGROUND:

Engineering staff have received concerns from residents about speeding concerns along La Sombra Drive between Discovery Street and Quail Hill Drive. Discovery Street becomes La Sombra Drive approximately 0.3 miles south of San Marcos Boulevard. La Sombra Drive is a 25mph residential street that primarily runs north-south. The right-of-way for Discovery Street and La Sombra Drive meanders between the County of San Diego and City of San Marcos, so each agency is responsible for the maintenance of a portion of La Sombra Drive (see Attachment A). In the study segment south of Discovery Street, the responsibility is divided along the centerline, with the City maintaining the northeasterly side of La Sombra and the County maintaining the southwesterly side.

Single family housing fronts the northeast portion of La Sombra to the all-way stop controlled intersection with La Noche Drive. The average grade is 1.0% from Discovery Street southeast to La Noche Drive. La Sombra Drive is 36 feet curb to curb for 380 feet southeast of Discovery Street with parking on the southwesterly side. Further south, the street widens to 40 feet curb to curb with parking on both sides. La Sombra Drive has centerline and edge striping along the entirety of the study segment. A vicinity map is provided in Attachment A.

HISTORY:

In response to resident concerns, staff sought to address speeding concerns along La Sombra Drive between Discovery Street and Quail Hill Drive. In 2019, staff deployed mobile radar speed trailers to educate drivers to reduce travel speeds. The residents felt that the radar speed trailers did not have enough impact to slow down motorists.

Residents suggested the following solutions to City staff for reducing vehicular speeds on La Sombra Drive:

- Installation of additional 25 MPH speed limit signs.

- Increased speed enforcement.
- Installation of an all-way STOP sign at the intersection of La Sombra Drive and Quail Hill Drive.
- Installation of speed bumps/cushions.

Staff responded by initiating an evaluation of La Sombra Drive to determine if traffic calming alternatives would be warranted between Jugador Court and Discovery Street in December 2019. Speed and volume data was collected. The speed data showed the 85th percentile speed to be 34 MPH in both northbound and southbound directions. Traffic volumes were consistent with a residential-collector roadway classification, with no significant cut-through traffic identified.

Engineering staff presented the data at the July 2020 Traffic Commission and provided the following recommendations, which were accepted by the Commission:

- Install edge line striping consisting of a four-inch white line on La Sombra Drive between Quail Hill Drive and Discovery Street as an effective traffic calming measure
- Install new speed limit signs (25 MPH) on La Sombra Drive between La Noche Drive and Valencia Avenue to inform motorists of the residential 25MPH zone
- Install a new intersection warning sign (W2-2) to inform motorists in advance of the intersection of Quail Hill Drive and La Sombra Drive in the northbound direction
- Install a new double yellow centerline from Valencia Avenue to La Noche Drive to help motorists stay in lane as they navigate through the roadway curve
- Deploy the City's mobile radar speed trailers to educate drivers and reinforce speed compliance on La Sombra Drive

In late 2021, residents expressed continued speeding concerns about La Sombra Drive. Additional studies were conducted on La Sombra Drive between Discovery Street and La Noche Drive to include the intersection of Discovery Street and La Sombra Drive.

On April 22, 2022, the City and County of San Diego held a joint meeting with the community to discuss the speeding concerns. In response to similar issues on Discovery Street north of La Sombra Drive, the County reduced the speed limit on Discovery Street from 40mph to 25mph. Speed data collected in May 2022 showed an 85th percentile speed of 30mph. Recognizing the need to address traffic circulation, pedestrian accessibility, and speed reduction, all parties agreed that implementing a multi-way stop control at the intersection of La Sombra Drive and Discovery Street could be an appropriate solution. Since the intersection is partially within the County of San Diego right-of-way, the County agreed to conduct an all-way stop warrant analysis in accordance with the CAMUTCD. The County's analysis determined that the intersection met the warrant for an all-way stop control to address left-turn conflicts and vehicular/pedestrian conflicts. At the July 2022 Traffic Commission meeting, City

staff was directed to install the all-way stop at La Sombra Drive and Discovery Street in coordination with the County. The installation was completed in the first quarter of 2023.

In August 2023, Traffic Commission adopted the Neighborhood Traffic Management Policy (NTMP). The NTMP establishes a data-driven process for evaluating traffic calming measures in a tiered strategy. Evaluations will assess how implemented measures have changed behavior. If the initial measures have not resolved the issue of concern, it is then escalated for additional evaluation to determine if higher-tiered measures are warranted. The NTMP prioritizes the most cost-effective measures so that the limited funding available can be used to achieve the maximum benefit to safety citywide.

Utilizing the newly adopted NTMP process, the residents submitted a traffic calming evaluation application to the City on January 8, 2024. The application cited concerns regarding speeding on La Sombra Drive between Discovery Street and La Noche Drive. The request was evaluated according to the guidelines of the NTMP and shows an 85th percentile speed of 33mph. Traffic calming measure TCM 1-4 Speed Feedback Signs was selected to mitigate vehicular speeds.

DISCUSSION:

Speed feedback signs are typically placed along the side of the road facing in the direction of travel. However, placing the southbound speed feedback sign in the typical location presents challenges due to jurisdictional boundaries. In this case, the sign would be located within County of San Diego right-of-way (See Typical Sign Location in Attachment B). Any traffic calming installation within San Diego County right-of-way requires coordination with and approval of the County.

Staff evaluated an alternative location for the southbound speed feedback sign within San Marcos right of way (See Proposed Sign Location in Attachment B). The proposed location would be an atypical installation, as it would be placed on the east side of La Sombra Drive facing southbound traffic approaching the curve to the south. This location is within City right-of-way and makes the sign viewable to southbound traffic. It does not require coordination or maintenance agreements with the County and therefore allows for a faster implementation.

The proposed sign location positions the speed display to be more visible to southbound drivers by aligning with the direction of travel, rather than being to the side of the roadway. In addition, the proposed location provides the minimum legibility distance for vehicles traveling in the southeast direction on La Sombra Drive. The California Manual on Uniform Traffic Control Devices (CAMUTCD) provides the following guidance on changeable message signs:

Section 2L.03.04

The message should be designed to be legible from a minimum distance of 600 feet for nighttime conditions and 800 feet for normal daylight conditions.



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CONCLUSION AND RECOMMENDATIONS:

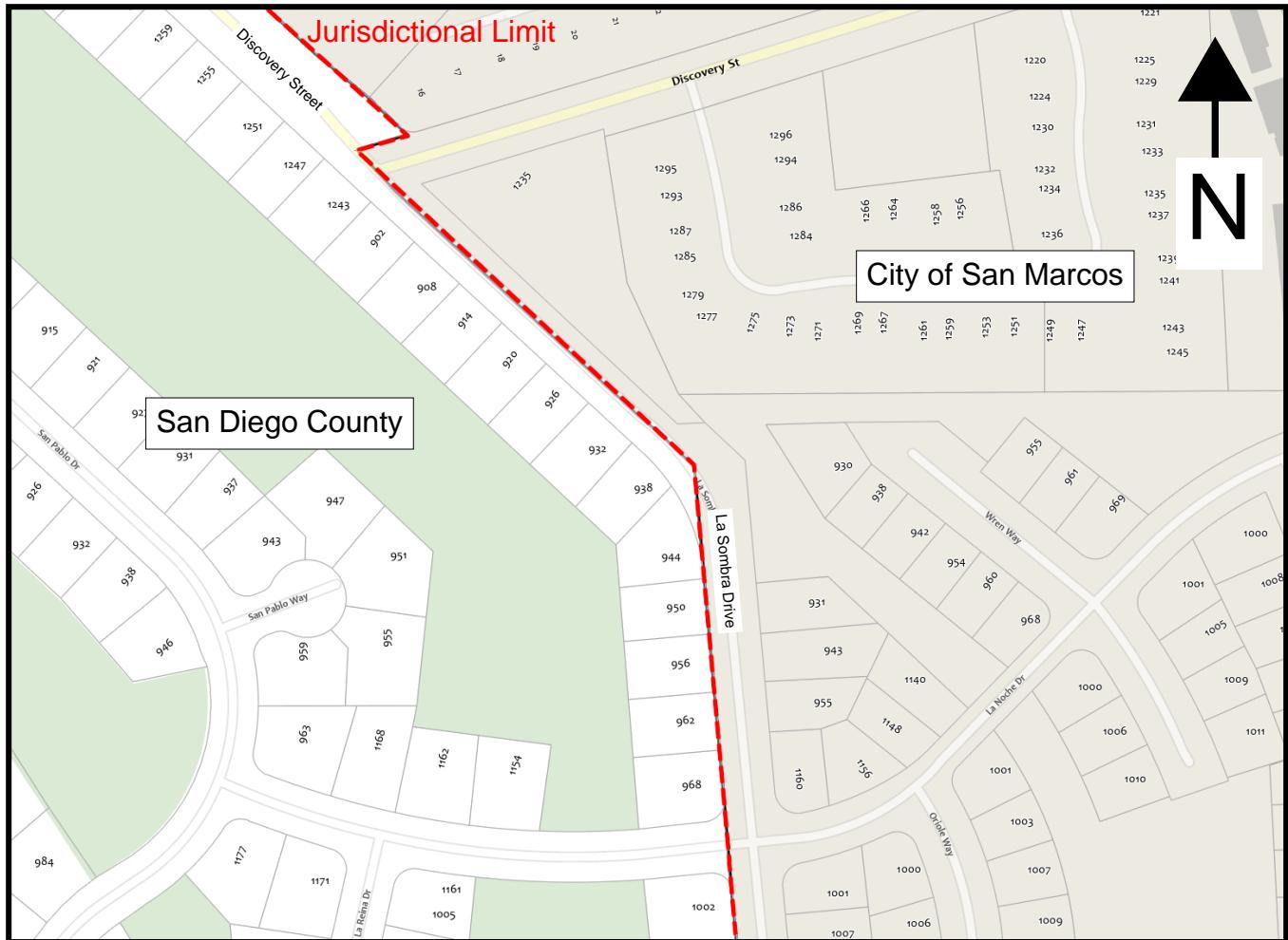
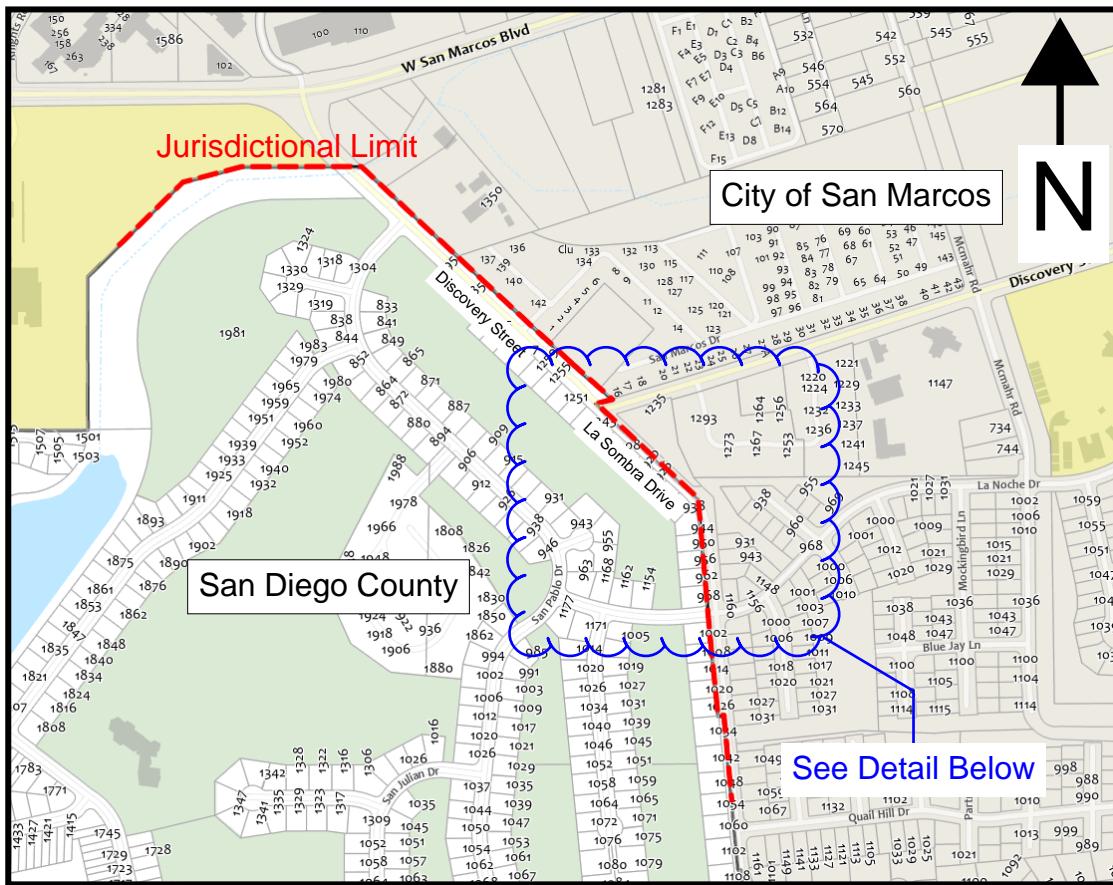
In conclusion, placing the speed feedback display for southbound vehicles as proposed will meet the minimum distances for legibility and will not require the involvement of the County of San Diego. Traffic Engineering recommends the Commission accept the alternative location for the speed feedback sign.

ATTACHMENT(S)

A – Jurisdictional Boundaries

B – Typical and Proposed Speed Feedback Sign Locations

Attachment A - Jurisdictional Boundaries



Attachment B - Proposed Southbound Speed Feedback Sign Location

