

AGENDA

Meeting of the San Marcos Traffic Commission

Meeting Date: January 03, 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

4. 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.

5. APPROVAL OF MINUTES

November 01, 2023

6. OLD BUSINESS

a. NONE

7. NEW BUSINESS

- a. NONE

8. REPORTS AND INFORMATION ITEMS

- a. Presentation – Active Transportation Plan
- b. Presentation – Neighborhood Traffic Management Policy 6-month Review
- c. Presentation – Rancho Dorado Traffic Calming 6-month Review
- d. Presentation – Citywide Speed Surveys
- e. Work Order Updates
- f. San Diego County Sheriff's Department Traffic Collision Summary and Accident Investigation Log
- g. Traffic Commission Commentary
- h. 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 December 21, 2023, of this agenda in the glass display case at the north entrance of City Hall.

DATED: December 21, 2023

Gina Jackson,
Traffic Commission Secretary



MINUTES

Regular Meeting of the Traffic Commission

WEDNESDAY, NOVEMBER 01, 2023

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 Hansen led the Pledge of Allegiance.

ROLL CALL

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

Also present were: Director of Development Services/City Engineer Isaac Etchamendy; Associate Engineer-Traffic Damian Schoenecke; Principal Civil Engineer Kyrenne Chua; Senior Project Manager-CIP Kyle Wright; Associate Civil Engineer-CIP Emand Elias; Senior Office Specialist Gina Jackson

ORAL AND WRITTEN COMMUNICATIONS:

Deborah Bridge, resident of San Marcos – spoke about the excessive speeding on Melrose and San Elijio Rd. and requested this item be placed on a future agenda.

APPROVAL OF MINUTES

5. Approval of Minutes, August 02, 2023

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

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

OLD BUSINESS

6. A. None

NEW BUSINESS

7. A. None

8. REPORTS AND INFORMATION ITEMS

A. **Presentation – Colored Bicycle Facilities**
Damian Schoenecke gave the presentation.

Commissioners Discussions Included: types of paint and treatment options and costs; percentage of streets that will get bike lanes; efforts to prioritizing; Bike Box placements; public input; data on roads needing bike lanes and bike boxes; driver education; current locations of green bike lanes and bike boxes.

B. **Presentation – Land Development Update**
Kyrenne Chua gave the presentation.

C. **Presentation – Capital Improvement Program Update**
Kyle Wright, Emad Elias, and Isaac Etchamendy gave the presentation.

Commissioner Discussions Included: target completion date of projects; plan in place to prevent Capital Improvement Project disasters due to weather; road issues; improvements to Barham and Woodland; ADA improvements; Marcos Specific Plan project.

D. **Work Order Updates:** Questhaven Road and Grain Mill Road in San Elijo, installed two high visibility crosswalks and additional warning signs across this intersection, just before Halloween to keep pedestrians safe while crossing.

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

DUI/Alcohol Arrests:	Sept (12)	Oct (16)	YTD (142)
DUI Accidents:	Sept (8)	Oct (6)	YTD (62)
Fatal Collisions:	Sept (0)	Oct (1)	YTD (3)
Pedestrian Collisions:	Sept (1)	Oct (1)	YTD (15)

Bicyclist Collisions:	Sept (1)	Oct (4)	YTD (28)
Bicyclist Injured	Sept (1)	Oct (3)	YTD (23)
Motorcycle Collisions:	Sept (1)	Oct (2)	YTD (12)
Motorcyclist Injured	Sept (1)	Oct (2)	YTD (11)
NTA Citations/Hazardous:	Sept (83)	Oct (104)	YTD (2107)
NTA Citations/Non-Hazardous	Sept (89)	Oct (62)	YTD (662)

F. Traffic Commission Commentary: Thanked staff for the presentations; update on signal timing project; December meeting; cameras recording.

Staff Response: Reviewing signal timing for San Marcos Blvd. with staff and should be deployed shortly. Consultants are currently working on the signal timings for the rest of the city. It will be cancelled if we don't have any updates to provide. Traffic cameras do not record due to the amount of storage needed for the data.

G. Staff Commentary: The Active Transportation Plan draft was just published, and we are collecting public comments. The School District is reviewing the Safe Route to School portion.

ADJOURNMENT

Chairman Rico adjourned the meeting at 7:19 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: January 3, 2023
AGENDA ITEM NO: 8B
SUBMITTED BY: Damian Schoenecke, EIT – Associate Engineer
REVIEWED BY: Stephanie Kellar – Deputy City Engineer
APPROVED BY: Isaac Etchamendy – City Engineer
SUBJECT: Neighborhood Traffic Management Policy (NTMP) Progress Update

BACKGROUND:

The Neighborhood Traffic Management Policy was approved by Traffic Commission during its August 3, 2023 meeting. The policy provides a procedure to address resident concerns related to speeding and overall traffic safety, introduces a range of effective traffic calming measures, and creates a structured and equitable process for implementation. This staff report will update the Traffic Commission on policy progress after six months of implementation.

DISCUSSION:

As of December 2023, Traffic Engineering has received five applications for NTMP traffic calming. In accordance with NTMP guidelines, all five applications are being evaluated to determine eligibility for Tier 1 measures. Three applications are still under staff evaluation, and two have completed staff review. These two applications are discussed below as real-life examples of how the NTMP is being implemented. NTMP applications for Tier 1 measures will not be routinely brought before Traffic Commission for approval. Traffic Commission will be updated on any improvements installed as a result of a Tier 1 NTMP evaluation.

Example 1: Hollowbrook Court and Eclipse Drive

The first application was received September 11, 2023 for resident concerns about speeding and cut-through traffic on Hollowbrook Court and Eclipse Drive in San Elijo. Hollowbrook Court is a 25mph east-west residential street approximately one-half mile long and bound by Questhaven Road to the west and Leeward Avenue to the east. The average grade is 7% from Questhaven Road east to Eclipse Drive. Eclipse Drive is a 25mph residential street that intersects with Hollowbrook Court and runs north/south for approximately 800 feet. Eclipse Drive is bound by San Elijo Road to the north and Hollowbrook Court to the south. The average grade is 6% from Hollowbrook Court north to San Elijo Road. Staff notified the applicant by email that each street qualified for Tier 1 studies.

Per NTMP guidelines, a traffic study was performed over a 24-hour period on Hollowbrook Court and Eclipse Drive on October 18, 2023. Data was collected to measure vehicle speed and volume,

and a cut-through analysis was performed to determine if a significant number of vehicles are using Hollowbrook Court to bypass a segment of San Elijo Road. Staff notified the applicant by email that staff would be analyzing the data to determine if Tier 1 measures would be justified.

Hollowbrook Court had a combined east/west total of 891 vehicles per day (vpd) at an 85th percentile speed of 28 mph. Eclipse Drive had a combined north/south volume of 613 vpd and an 85th percentile speed of 25mph. Based on the data collected, no additional traffic measures are recommended, as the 85th percentile speeds and traffic volumes fall within acceptable values for a residential road. The analysis showed an acceptable percentage of cut-through vehicles, recorded as an average of 4.6% for both the AM and PM peak hours (32 vehicles). It should be noted that rideshare and delivery vehicles can contribute to cut-through traffic. The 4.6% cut-through does not present a significant issue and no traffic calming measures are being recommended at this time. Per NTMP guidelines, Hollowbrook Court and Eclipse Drive will be eligible for re-evaluation October 2024 or if road conditions significantly change. The final report was delivered to the applicant on November 13, 2023.

Example 2: Twin Oaks Valley Frontage Road

The second application was received September 18, 2023 for concerns about speeding on Twin Oaks Valley Frontage Road. Twin Oaks Valley Frontage Road is a 25mph north-south residential street approximately 0.75miles in length and bounded by Deerbrook Drive to the south and West La Cienega Road to the north. The average grade is 1% from Deerbrook Drive north to West La Cienega Road. The applicant was notified by email that this street segment qualified for Tier 1 studies.

Per NTMP guidelines, a traffic study was performed over a 24-hour period on Twin Oaks Valley Frontage Road on October 12, 2023. A second 24-hour study was performed on October 24, 2023 in order to properly validate the data collected. Staff notified the applicant by email that staff would be analyzing the data to determine if Tier 1 measures would be justified.

Traffic volumes on Twin Oaks Valley Frontage Road were a combined 194 vehicles per day (vpd). The 85th percentile speed was measured at 39mph. After analyzing the data collected, it was determined that the 85th percentile speed of 39mph was higher than the threshold of 32mph for a residential street. Per NTMP guidelines, traffic calming measure TCM 1-4 Speed Feedback Signs was recommended for installation. Twin Oaks Valley Frontage Road will be re-evaluated one year from the installation of traffic calming measures to determine effectiveness. The final report was delivered to the applicant on December 6, 2023.

Processing Timelines

The total duration from application to final report for Hollowbrook Court/Eclipse Drive and for Twin Oaks Valley Frontage Road were 8 weeks and 7 weeks, respectively. Each of the study's timeframes were impacted by consultant availability and November holidays. Traffic Engineering has procured new equipment that allows for faster deployment, which may improve future response times. Three applications remain in the data collection process and are expected to be completed January 2024. City staff will provide the 1-year progress report in August 2024 for Traffic Commission review.