

AGENDA

Meeting of the San Marcos Traffic Commission

Meeting Date: August 07, 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. 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

June 05, 2024

6. OLD BUSINESS

- a. Rancho Dorado Community – One Year Traffic Calming Review

7. NEW BUSINESS

None

8. REPORTS AND INFORMATION ITEMS

- a. Presentation - Neighborhood Traffic Management Policy One Year Update
- b. Presentation - Traffic Management Center – Traffic Signal Optimization Results
- c. Work Order Updates
- d. Presentation - Land Development Updates
- e. Presentation – Capital Improvement Program Update
- 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 July 31, 2024, of this agenda in the glass display case at the north entrance of City Hall.

DATED: July 31, 2024

Gina Jackson,
Traffic Commission Secretary



MINUTES

Regular Meeting of the Traffic Commission

WEDNESDAY, JUNE 05, 2024

City Council Chambers

1 Civic Center Drive, San Marcos, CA 92069

1. CALL TO ORDER

At 6:00 p.m. Traffic Commission Chair Neill Kovrig called the meeting to order.

2. PLEDGE OF ALLEGIANCE

Commissioner Hilmes led the Pledge of Allegiance.

3. ROLL CALL

PRESENT: COMMISSIONERS: SCHELLENGER, CLARK, ERICKSON, KOVRIG, HILMES,
CARROLL, FREEMAN
ABSENT: COMMISSIONERS: HOAGLIN,

Also present were: City Traffic Engineer Edd Alberto, Senior Office Specialist Gina Jackson, and Office Specialist Susie Neveu.

4. ORAL AND WRITTEN COMMUNICATIONS:

None

5. APPROVAL OF MINUTES

Approval of Minutes, March 06, 2024

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

AYES: COMMISSIONERS: SCHELLENGER, CLARK, ERICKSON, KOVRIG, HILMES, CARROLL
NOES: COMMISSIONERS: NONE
ABSENT: COMMISSIONERS: HOAGLIN
ABSTAIN: COMMISSIONERS: FREEMAN

6. OLD BUSINESS

None

7. NEW BUSINESS

- a. North County Transit District (NCTD) – Micro Transit Pilot Project
Nick Sofoul, Director of Strategic Planning & Transit Systems with NCTD gave the presentation.

Commissioners Discussions: Process to select San Marcos; ride fare; destination origins; sign postings for pick-up locations; time constraints when traveling to work or appointments; discount provided when traveling from local transit station and then connecting with another station outside of city limits; role of this pilot program with the Active Transportation Plan; riding sharing; program start date; pick-up and drop-off window coinciding with the Sprinter schedule; notification when the pick-up vehicle is close to destination; outreach at the colleges; would like a follow-up on how the program is doing in San Marcos; another location that is participating in Micro Transit; NCTD has a contract with the Sheriff's department and there's a dedicated unit for the Sprinter and Coaster, will that contract continue to this service.

NCTD Response: An analysis was conducted in areas across North County based upon equity, transit connectivity, points of interest and other factors; to and from a transit station the fare is \$2.50. To ride anywhere else in San Marcos, the fare is \$5.00. All trips are only for within San Marcos. The App will give you the walking directions on where the pick-up will be. If you are not using the App and call the center, detailed directions will be given to the caller. Riders can reserve pick-ups or request ASAP and they will be told what time the pick-up will be. There is currently no discount offered for the pilot program. It will be looked into if this pilot program is successful. The center has data that knows how many people riding in each vehicle. When you indicate the number of passengers, the system will route a vehicle that can accommodate the number of passengers. There may also be times when passengers will have a shared ride. The program will start the day before the ribbon cutting at the Farmers Market (June 3, 2024). The App will give you a window time of arrival, so riders will need to adjust their reservations to the Sprinter schedule; the App does not do it automatically. The App will show when the driver is close to the pick-up destination. We have engaged with Palomar College and CSUSM. The closest operating program is in Orange County and another one in Los Angeles. We worked with them on how they conducted their programs to assist us in building ours. NCTD will ask their Director of Security to confirm if the NCTD contract with the Sheriff's Department will be used but believes this program would also be under that current contract.

Staff Response: This program will be incorporated into the Active Transportation Plan.

- b. Citywide Speed Survey
Edd Alberto, City Traffic Engineer gave the presentation.

Commissioners Discussions: Concerns with the increase in speed limit on Melrose Ave from Rancho Santa Fe Rd to San Elijo Rd, as the Commission has received several complaints regarding the current speed limit and potential hazards; concerns with the safety of bike riders on that road and the speeding; would prefer

to see a decrease in the speed limit for this area; range of valuation; flexibility to skip this segment of roadway to a later time; City Council approval on different segments; process when posting new speed limits; amount of collisions part of the speed survey; when re-evaluation is done.

Staff Response: We are bound by the California Vehicle Code when posting speed limits and the rounding of the 85th percentile speed determined the increase to the speed limit. After 7 years we do a re-evaluation of the speed surveys. Skipping the segment is not recommended. We are taking this to City Council to approve all the segments. Staff will continue to monitor the roadways and look into potential traffic calming measures. Staff will determine how to notify the public of the speed limit changes; the Sheriff's Department may issue warnings for 30-days after the new speed limit signs are posted. When staff is made aware of issues, we will investigate.

- c. Proposed Amendments to Title 12 of the San Marcos Municipal Code
Edd Alberto, City Traffic Engineer gave the presentation.

Commissioners Discussions: Happy to see this amendment; definition of a business district; appreciate the updates on the language.

Staff Response: The exact definition is not in front of me, but it is defined in the California Vehicle Code.

- d. Active Transportation Plan
Edd Alberto, City Traffic Engineer gave the presentation.

Commissioners Discussions: Funding for the plan; appreciate all that you are doing for the bicyclists; updates on bike boxes; mid-block pedestrian crossings.

Staff Response: for the ATP would be used to seek grant funding for some projects. We monitor the bike boxes in the Traffic Management Center (TMC) and observed bicyclists are using the boxes; vehicles are getting used to stopping outside of the box. Options are open with the ATP.

8. REPORTS AND INFORMATION ITEMS

- a. **Work Order Updates:** There were no updates to report.

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

DUI/Alcohol Arrests:	Apr (15)	May (17)	YTD (88)
DUI Accidents:	Apr (9)	May (8)	YTD (40)
Fatal Collisions:	Apr (0)	May (0)	YTD (4)
Injury Collisions:	Apr (16)	May (16)	YTD (92)
Non-Injury Collisions:	Apr (32)	May (28)	YTD (139)
Pedestrian Collisions:	Apr (0)	May (1)	YTD (11)



Bicyclist Collisions:	Apr (5)	May (3)	YTD (16)
Motorcycle Collisions:	Apr (0)	May (2)	YTD (7)
NTA Citations/Hazardous:	Apr (155)	May (204)	YTD (779)
NTA Citations/Non-Hazardous	Apr (66)	May (109)	YTD (321)

- c. **Traffic Commission Commentary:** Houses lined up against Melrose; complaints received regarding speeding on Rancho Santa Fe and Melrose area; concerns with bad driving habits; add traffic calming measures to slow down traffic speed; residents’ perception on the speeding hazards for area of Rancho Santa Fe and Melrose area; wonderful event for Bike Anywhere day but painting on the road was occurring.
- d. **Staff Commentary:** Staff did not have any comments.

ADJOURNMENT

Chairman Kovrig adjourned the meeting at 7:24 p.m.

NEILL KOVRIG, 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: August 7, 2024
AGENDA ITEM NO: 6A
SUBMITTED BY: Damian Schoenecke, EIT – Associate Engineer
REVIEWED BY: Stephanie Kellar – Deputy City Engineer
APPROVED BY: Isaac Etchamendy – City Engineer
SUBJECT: Rancho Dorado Community – One Year Traffic Calming Review

BACKGROUND:

The Rancho Dorado Neighborhood is a residential community of 276 homes located at the western edge of the City with its main entrance at White Sands Drive along San Marcos Boulevard. The neighborhood also has a second entrance at Rancho Santa Fe Road via Island Drive. The neighborhood is primarily characterized by single family homes. The community has significant topography and thus varying roadway grades and geometry. At the center of the community is Simmons Family Park, a public park, which is accessible via Rocky Point Way and through a network of trails in the community.

Since 2013, at the approval of Traffic Commission, staff have implemented various traffic safety countermeasures such as evaluating and installing an all-way stop control at the intersection of White Sands Drive and Sea Island Place; installing “25 MPH” speed limit signs with supplemental pavement markings; and installing traffic delineators on White Sands Drive to reduce the roadway width, which were later removed by the City in response to resident complaints of the delineators’ unappealing aesthetic.

At the October 2022 Traffic Commission meeting, staff presented the existing conditions evaluation addressing the community’s continued concerns with speeding and cut-through traffic. Staff concluded that the perceived cut-through traffic was less than significant and did not warrant additional treatment. The data showed the 85th percentile speeds on the roadways were 1.1 mph to 12.7 mph over the speed limit. City staff recommended measures that included the installation of additional “25 MPH” speed limit signs with supplemental pavement markings, deployment of mobile speed radar trailers, and continued enforcement by the Sheriff department. Staff also made an additional recommendation to the community to add edge and centerline striping. This additional measure was not presented to Traffic Commission as the community did not desire to have striping improvements on the neighborhood roadways. Traffic Commission accepted staff’s recommendations and directed staff to include the installation of edge striping and partial centerline striping. Traffic Commission also instructed staff to return to provide two staff updates within one year of installation. Installation of these measures was completed on May 3, 2023.

Staff provided the first six-month update at the January 2024 Traffic Commission meeting concluding that 85th percentile speeds had increased slightly between January, 2022 and October 2023 (Table 1). Staff discussed that the increased speeds were potentially due to insufficient time after striping implementation for driver behavior to adapt; the October 2023 data set being an outlier not truly representative of past conditions. Another potential cause is the lack of centerline striping, which was opposed by the community from an aesthetic standpoint; lack of centerline striping may not have provided enough friction to slow vehicles.

Recommendations from staff at the January 2024 Traffic Commission meeting included additional enforcement by the Sheriff Department, deployment of mobile speed trailers, and the performance of additional speed studies. Final recommendations were to be reported to Traffic Commission one year after the installation.

DISCUSSION:

For the one-year follow-up, staff collected speed data in March and April 2024 on White Sands Drive, Coast Avenue, and Island Drive. Rock Point Way was not studied during this time since the previous data collection showed the 85th percentile speed was still within 5 mph of the posted speed limit. Results are shown below in Table 1.

Table 1 –Speed Study Results

85 th Percentile Speed (mph)					
Location	Posted Speed	Jan 2022	Oct 2023	March 2024	April 2024
Coast Ave	25	28.6	30.5	34	32
White Sands Drive	25	35	36	31	32
Island Drive	25	37.7	40.5	34	34

The speed data collected in 2024 shows the following results as compared to previous data:

- Coast Avenue shows that over the past year since implementation of striping changes, the 85th percentile speed has increased from the pre-installation data from 28.6 mph to 32 mph with a peak speed of 34 mph in March 2024.
- White Sands Drive shows that over the past year since implementation of striping changes, the 85th percentile speed has decreased from the pre-installation data from 35 mph to 32 mph with a peak speed of 36 mph in October 2023.
- Island Drive shows that over the past year since implementation of striping changes, the 85th percentile speed has decreased from the pre-installation data from 37.7 mph to 34 mph with a peak speed of 40.5 mph in October 2023.

CONCLUSION

Following one year after the installation of traffic calming measures, Coast Avenue and White Sands Drive showed an 85th percentile speed of 32 mph. Using the required rounding of 85th percentile speeds as prescribed in the California Vehicle Code and the California Manual on Uniform Traffic Control Devices, an 85th percentile speed of 32 mph would be considered consistent with a posted speed limit of 25 mph.

While Island Drive shows an 85th percentile speed exceeding that which could be posted at 25 mph; the speed of the roadway has decreased by 3.7 mph since implementing the changes in roadway striping. Traffic calming measures installed in May 2023 are effective; however, additional enforcement and monitoring may be needed to further change driver behaviors.

The traffic calming measures for Rancho Dorado were installed prior to the adoption of the Neighborhood Traffic Management Policy. Any further evaluation requests from residents should be made by submitting a new application to evaluate additional measures.

RECOMMENDATIONS

Continued enforcement within Rancho Dorado by the Sheriff Department and occasional deployment of speed radar trailers.