



STAFF REPORT

April 11, 2024

SUBJECT

TRAFFIC MANAGEMENT PROJECT LIST (TMPL) FY24/25 PROJECT NOMINATION

LOCATION

Various Locations Citywide

BACKGROUND

Transportation and Community Safety Commission (TCSC) approved a policy to evaluate and prioritize proposed projects using a Traffic Management Project List (TMPL) on January 9, 2014. As stated in the policy, a list of projects nominated for consideration will be presented to TCSC in April of each year. The TCSC will provide direction to staff as to which projects should be evaluated for final review and selection for funding during the July TCSC meeting.

The following scoring criteria has been approved by TCSC to be used to evaluate and prioritize projects on the TMPL:

- Road Condition (max. 6 points)
 - Geometric Design (max. 3 points)
Not Standard= 3, Substandard= 2, Partially Substandard Road= 1
 - Roadside Improvement (max. 3 points)
Unimproved= 3, Partially Unimproved= 2, Mostly Improved with Gaps in Improvement= 1
- Road Usage (max. 6 points)
 - Bike and Pedestrian Volume (max. 3 points)
High= 3, Medium= 2, Low= 1
 - Average Daily Traffic (ADT) (max. 3 points)
ADT>7400veh/day= 3, 7400≥ADT>5400veh/day= 2, 5400≥ADT>3400veh/day= 1
- Anticipated Effectiveness (max. 6 points)
 - Feasibility of the Solution (max. 3 points)
High=3, Medium=2, Low=1
 - Effectiveness of the Solution (max. 3 points)

High=3, Medium=2, Low=1

- Problem Severity×2 (max. 12 points)
 - Frequency of Accidents (max. 6 points)
Accident Rate≥1.5= 6, 1.5>Accident Rate≥0.5= 4, 0.5>Accident Rate= 2
 - Speeding Problem (max. 6 points)
(85% - Design Speed) ≥10mph= 6, 10mph>(85% - Design Speed) ≥5mph=4, (85% - Design Speed)< 5mph= 2

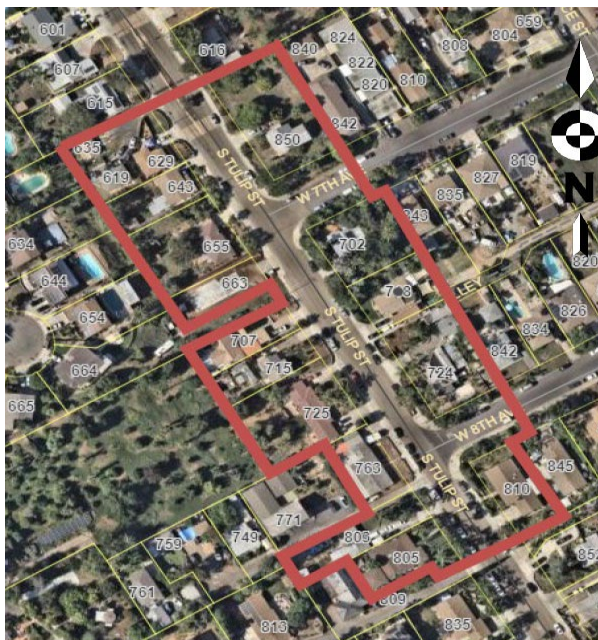
Projects could receive a maximum of 30 points based on their different characteristics, projects nature and location. The projects with the higher total accumulated points have a higher priority on TMPL.

Discussion & Purpose:

Staff has received three requests for the 2024/25 Traffic Management Project List and recommends that the TCSC approve further review of these projects. Conceptual designs will be prepared and the projects will be ranked according to the established criteria for TCSC consideration of funding at the July 2024 meeting.

24/25 TMPL Project Candidates

1. S. Tulip St. – 9th to 5th Ave: Traffic Calming Request



Resident Giuseppe Gutierrez contacted the City with his concerns about cut through traffic and speeding on S. Tulip Street between 5th Avenue and 9th Avenue. S. Tulip St is a local collector street with a speed limit of 25mph.

Speed data was collected in May 2023. The 85th% speed was determined to be 36 mph. The traffic volume was 124 vehicles per day, which is less than anticipated for a local collector roadway. While the data does not validate the concern of significant cut through traffic, it does show that speeds are higher than desired in this area.

In response to the concern, staff prepared a draft striping plan that includes parking lane and centerline striping. In accordance with the City's policy, Mr. Gutierrez surveyed residents within the boundaries outlined in red to confirm their support of traffic calming in their neighborhood. Signature were provided on March 13, 2024. Staff recommends that this project be included for further evaluation, including evaluation of additional potential measures such as radar speed feedback signs.

Traffic Management Project List

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Draft S. Tulip St. Striping Plan included in resident support request.



2. Orange Glen Elementary: Drop Off/ Pick Up Improvements

School officials contacted City staff about drop off and pick up concerns for Orange Glen Elementary and Quantum Academy. A walk audit was conducted with City and School officials in May 2023. A number of prospective safety improvements have been identified to address walk audit findings, including installation of high visibility crosswalks, turn restrictions and red curbing, as shown below.

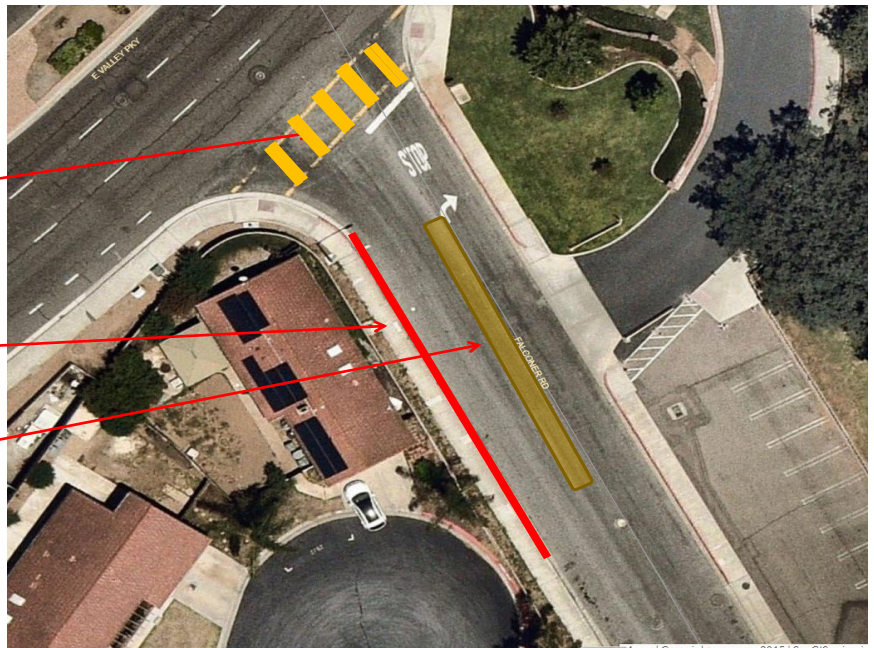
Considerations for Discussion - Northwest

Update to high visibility Continental Crosswalk

Enforce no curb / no parking zone Block zone with cones during school dropoff / pick up times

Restrict Left turns into driveway.

Require circulation from intersection with James



East Valley/James Street:



Add High -Visibility Crosswalk Striping

Add 'KEEP CLEAR' marking

Add red curb 2 car -lengths to improve sight distance

Prohibit parking on curve via Red Curb; both sides

