



DATE: March 21, 2017

CATEGORY: Consent

DEPT.: Public Works

TITLE: **Annual Traffic Studies/NTMP Improvements, Project 17-15 – Approve Plans and Specifications and Authorize Bidding**

RECOMMENDATION

1. Authorize the transfer and appropriate the remaining balances of approximately \$49,331 from Project 15-15, Annual Traffic Studies/NTMP Improvements, and approximately \$127,139 from Project 16-15, Annual Traffic Studies/NTMP Improvements, to Project 17-15 Annual Traffic Studies/NTMP Improvements. (Five votes required)
2. Approve plans and specifications for Annual Traffic Studies/NTMP Improvements, Project 17-15, and authorize staff to advertise the project for bids.
3. Authorize the City Manager to award the construction contract to the lowest responsible bidder if the low bid is within the project budget.

BACKGROUND

In response to resident requests for traffic calming along Rose Avenue and Cuesta Drive, the City performed speed surveys in September 2013 and April 2014, respectively, that showed speed of traffic on both streets meets the Neighborhood Traffic Management Program (NTMP) criteria.

Following the NTMP guidelines, the City arranged a neighborhood meeting and conducted a postcard survey of the residents and property owners along both Cuesta Drive and Rose Avenue between Springer Road and Miramonte Avenue. The surveys tallied a supermajority (67 percent) approval by residents on both streets for the proposed traffic calming improvements identified during the neighborhood meetings. On April 13, 2015, the Council Transportation Committee (CTC) voted to approve the proposed improvements. This meeting was noticed to all affected areas.

Due to the extent of proposed improvements, it was determined that multiple years of NTMP funding will be necessary to complete this project.

ANALYSIS

The CTC approved traffic calming improvements on Cuesta Drive and Rose Avenue are as follows:

Figure 1 – Proposed Improvements on Rose Avenue

- One raised, high-visibility crosswalk crossing Rose Avenue at Orangetree Lane along the Springer School frontage.



Figure 1 – Proposed Improvements on Rose Avenue

Figure 2 – Proposed Improvements on Cuesta Drive

- Raised, high-visibility crosswalk with Rectangular Rapid Flashing Beacon (RRFB) warning lights and push buttons:
 - At Cuesta Drive and Plaza Court (crossing Cuesta Drive).
 - At Cuesta Drive and Fordham Way (crossing Cuesta Drive).
- Rubber curb bulb-outs at the existing midblock signalized crossing along Cuesta Drive.
- Narrow rubber curb median island at Cuesta Drive and Springer Road.



Figure 2 – Proposed Improvements on Cuesta Drive

The following Figures 3 through 5 show examples of a rubber curb narrow median island, a raised crosswalk, and an RRFB.



Figure 3 – Example of a Narrow Median Island



Figure 4 – Example of a Raised Crosswalk



Figure 5 – Example of an (RRFB)

The raised crosswalk with RRFB system will include pedestrian-activated LED beacons that will flash to allow pedestrians to cross the entire street. The LED beacons will be installed on the right- and left-hand sides of the road. The recommended project intends to notify drivers of the presence of pedestrians at each location and to lower the speed of traffic as well.

The estimated project cost is as follows:

Construction	\$209,000
Construction Contingency	21,000
City Design and Project Management	21,000
City Inspection	<u>16,000</u>
Subtotal	267,000
City Administration @ 6.5%	<u>17,500</u>
TOTAL PROJECT COST	<u>\$285,000</u> (rounded)

Plans and specifications for the project are complete and available for viewing in the Public Works Department. If Council approves the recommended actions, construction is expected to begin in June 2017 and be completed by August 2017.

FISCAL IMPACT

Annual Traffic Studies/NTMP Improvements, Project 17-15, is funded with \$131,000 from the Construction/Conveyance Tax Fund. To provide sufficient funding for the project, staff recommends transferring the remaining balances from the annual NTMP project from the two previous years (\$49,331 from Project 15-15 and \$127,139 from Project 16-15). With the recommended transfers, total funding is \$307,500 (rounded), which is sufficient to fund the improvements.

ALTERNATIVES

1. Do not proceed with the project.
2. Provide other direction.

PUBLIC NOTICING

Agenda posting, e-mail notices to original petitioners, and posting on social media.

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