



STAFF REPORT TO THE CITY COUNCIL

DATE: Regular Meeting of October 23, 2018

TO: Members of the City Council

SUBMITTED BY: Michael Roberts, Public Works Director/City Engineer

SUBJECT: Approval of Traffic Calming Plans for the Intersections of Civic & Sycamore, San Pablo & Sycamore, and along Hercules Avenue

RECOMMENDED ACTION:

By motion approve the conceptual traffic calming plans for Civic & Sycamore, San Pablo & Sycamore, and Hercules Avenue.

FISCAL IMPACT OF RECOMMENDATION:

The proposed funding plan for the 3 projects, including the engineer's estimates based upon the conceptual plans, is as follows:

<u>Location</u>	<u>FY 18-19 Budget</u>	<u>Design Cost</u>	<u>Engineer's Estimate</u>	<u>Funding Source</u>
Hercules Av	\$50K	\$15K	\$73K	General Fund
Sycamore & San Pablo	\$50K	\$5K	\$33K	Measure J/Gas Tax
Sycamore & Civic	<u>\$150K</u>	<u>\$21K</u>	<u>\$92K</u>	Measure J/Gas Tax
Total	\$250K	\$41K	\$198K	

If the conceptual plans are approved, staff will proceed with final design and bid the projects out informally using the Uniform Construction Cost Accounting procedures. The scope of each project will be adjusted, if necessary, to stay within the City Manager's \$100K authority to award bids and make any needed budget adjustments to fully fund each project.

DISCUSSION:

The 3 conceptual traffic calming plans were recommended for approval by the Council Public Safety/Traffic Subcommittee meeting on August 22, 2018 following extensive discussion and review. Each traffic calming plan will be presented in-depth at tonight's meeting and are summarized as follows:

Sycamore & Civic Plan – Attachment 1

On Sycamore Avenue install concrete-curbed pedestrian median refuge, bulb-outs with bollards to reduce the vehicle/pedestrian conflict zone, new high visibility crosswalk, 3 Rectangular Rapid Flashing Beacons (RRFB) to alert drivers pedestrians are present, new curb ramps, and striping to

channelize and narrow traffic lanes to slow automobiles down. The conceptual plan was modified since the Subcommittee's review to utilize bollards instead of concrete for the bulb-outs, which would have increased the cost to \$250K.

Sycamore & San Pablo Plan – Attachment 2

Remove the crosswalk on the east side of Sycamore Avenue and associated appurtenances including pedestrian push button and pedestrian signal head from the existing traffic signal pole. Install pedestrian barricades to prevent pedestrians from crossing Sycamore Avenue on the east side. Removing the crosswalk will require a future public hearing under the California Vehicle Code. These changes are the most cost effective and efficient means to eliminate possible pedestrian/vehicle conflicts.

Hercules Avenue Plan – Attachment 3

Install traffic circles at Zeus/Skelly and Titan Way to reduce vehicle speeds and prevent cars from doing “donuts”, eliminate one (1) lane northbound between San Pablo Avenue and Titan Way to prevent automobiles from racing to the lane drop, and install shoulder striping and centerline to reduce lane widths. The traffic circles can be traversed by emergency vehicles. They also can be navigated by other large trucks, except for left turns. Trucks up to 30 feet long, including UPS & Fed Ex delivery vehicles, will be able to make left turns at the traffic circles while larger trucks will need to detour around making a left turn. The proposed changes would result in slower travel on the subject streets in a cost effective manner.

ATTACHMENTS:

1. Sycamore & Civic Conceptual Traffic Calming Plan
2. Sycamore & San Pablo Conceptual Traffic Calming Plan
3. Hercules Avenue Traffic Calming Plan

<i>Financial Impact</i>			
Description: Expenditure amount not to exceed \$250,000.			
Funding Source:			
General Fund			\$50,000
Fund No. 100-0000-643-10-00			
Measure J Fund			\$174,000
Fund No. 263-5432-642-05-20			
Gas Tax Fund			
Fund No. 262-5432-611-90-00			
			\$26,000
Budget Recap:			
Total Estimated cost:	\$250,000	New Revenue:	\$
Amount Budgeted:	\$250,000	Lost Revenue:	\$
New funding required:	\$	New Personnel:	\$
Council Policy Change: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			