TO: Thomas Frutchey, City Manager

Dick McKinley, Public Works Director

FROM: Ditas Esperanza, Capital Projects Engineer

SUBJECT: Scott Street Design Change

DATE: April 5, 2016

Facts:

Needs: For the City Council to consider authorizing a design change and change order

on Commerce as it intersects Scott Street.

1. On June 2, 2015, staff requested that the City Council authorize preparing final design and advertising for bids, for the road repairs on Scott Street from Creston to Airport.

- 2. At the June 2<sup>nd</sup> meeting, a series of design features, including bulb outs, a raised median and island, and extended sidewalk width was proposed at the intersection of Commerce and Scott Street (Attachment 1). The proposed design was an attempt to encourage drivers to prepare far in advance for a right or left turn at Scott Street. The primary purpose of these design features was to reduce speeding and other unsafe driving on southbound Commerce. At the June meeting, staff presented a photo of the block wall at the end of Commerce with "holes," because vehicles (probably going at an excessive rate of speed or with a driver under the influence) were driving straight into the wall. The wall is privately owned.
- 3. The City Council was not in favor of the full set of proposed design features. Concerns included the bulb outs and the challenges that would be faced by long trucks seeking to make the turn at this "T" intersection. (Trucks are supposed to use Sherwood, not Commerce, but many now use Commerce.)
- 4. The holes in the block wall were repaired the week of March 7, 2016. On March 18, 2016, a car ran into the block wall and created a new hole, prior to the installation of the approved protective bollards.
- 5. Staff is convinced that, without further improvements, a subset of drivers will continue to go through the "T" intersection and hit the wall. The placement of the bollards at the curb line will protect the wall and pedestrians but not discourage the use of excessive speed and other illadvised driving habits.
- 6. Placement of a driving table or speed bumps on Commerce would likely reduce driving speeds but would also impose a burden on the neighbors and all other drivers, including commercial vehicles. Staff recommends, instead, the placement of a raised median and island, in the exact location that the painted median would be placed under the currently approved

design. These can be designed to not restrict truck traffic but, by being a visual barrier, have the potential of causing drivers in vehicles traveling at an excessive speed to slow down farther in advance of the intersection. This will increase their safety, the safety of drivers, bicyclists, and walkers on Scott, and otherwise benefit the immediate neighbors.

## Analysis &

Conclusion:

Staff requests that the Council consider directing staff to install a raised median and island, as shown on the attached exhibit. This additional work is expected to cost approximately \$15,000, and is designed to help to prevent future collisions with the bollards and wall. Police will monitor traffic patterns over the coming months; if additional measures are required to improve safety, staff can return to Council for additional authorization.

Policy

Reference: General Plan Circulation Element

Fiscal

Impact:

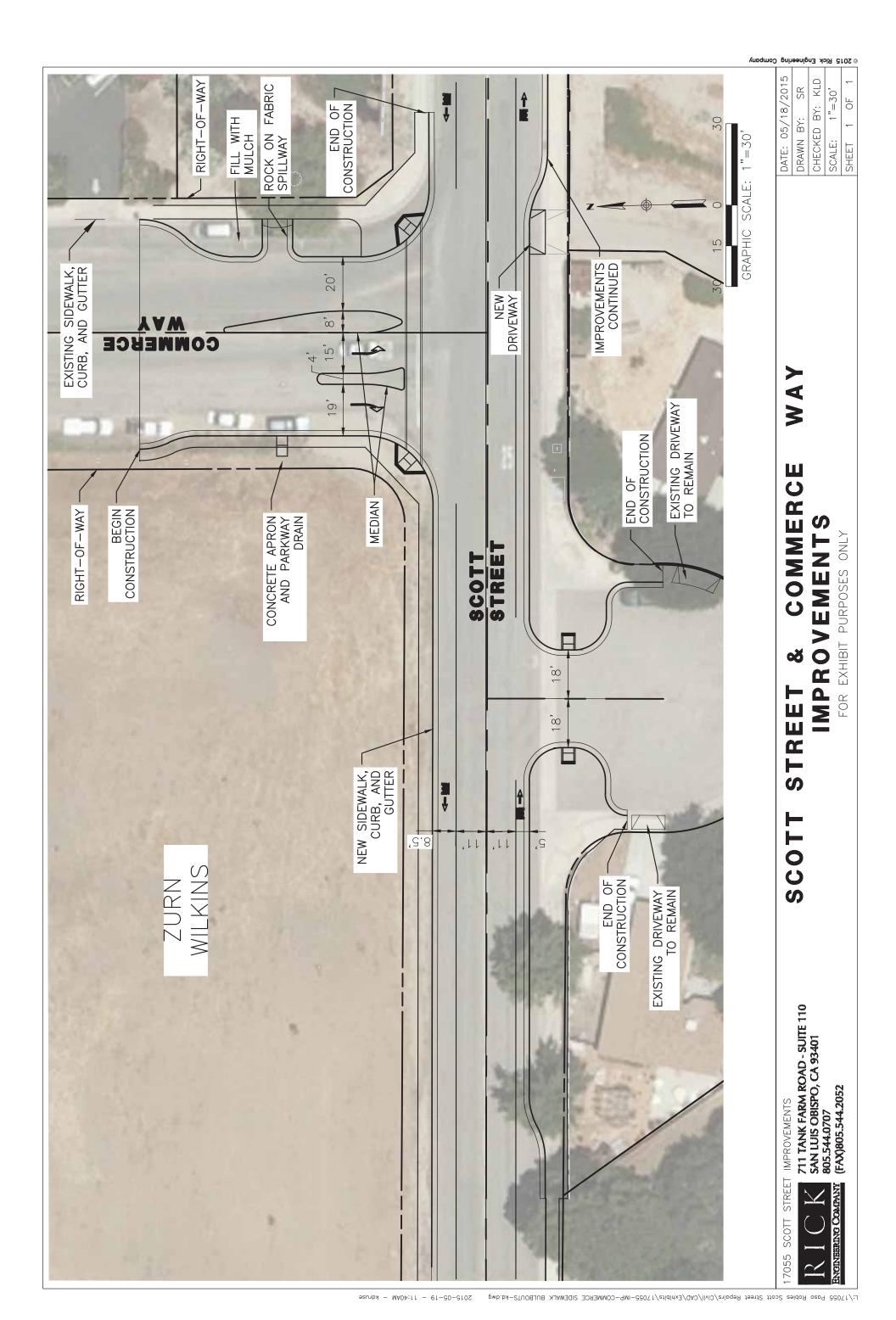
The estimated cost to install the raised median is \$15,000, and can be absorbed into the current budget of the Scott Street project. The budget adopted for Scott Street is \$2,200,000, and \$32,000 is available.

Options:

- A. Direct staff to install raised median and island, at Commerce as it intersects Scott Street, and authorize a Contract Change Order of \$15,000 to implement the design; or
- B. Amend, modify, or reject the above option.

## Attachments:

- 1. Originally proposed design features
- 2. Photo of wall with "old" holes (June 2015)
- 3. Photo of wall with "new" hole (March 2016)
- 4. Proposed raised median/island exhibits



## SCOTT STREET IMPROVEMENTS – CRESTON TO AIRPORT ROAD





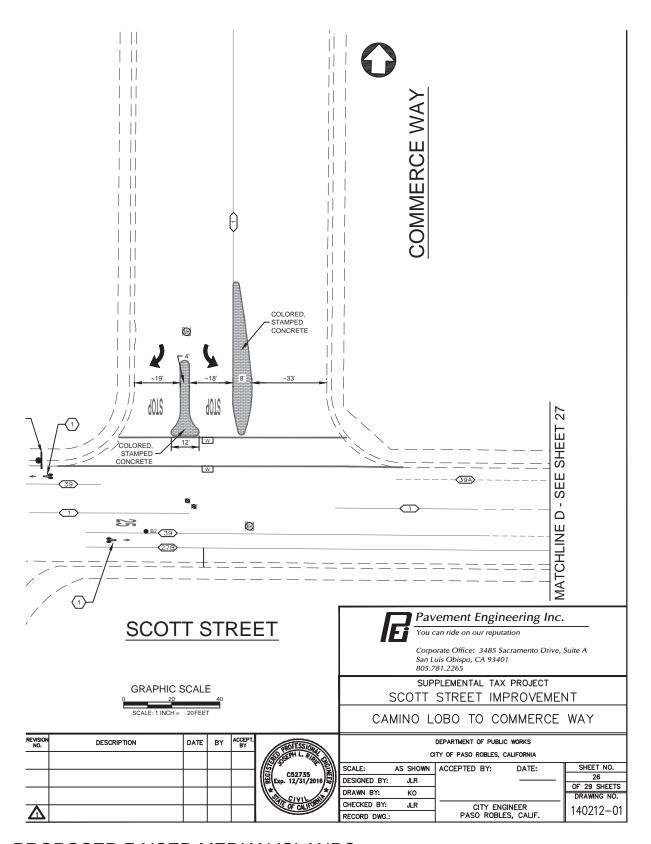


Block wall at Scott and Commerce Pictures taken (6/2/2015) - "OLD" HOLES REPAIRED ON MARCH 7, 2016



Photo of "New" hole taken (March 18, 2016)

## ATTACHMENT NO. 3



PROPOSED RAISED MEDIAN ISLANDS

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