



MEMORANDUM

TO: CITY COUNCIL

FROM: BILL ROBESON, PUBLIC WORKS DIRECTOR

BY: JILL MCPEEK, CAPITAL IMPROVEMENT PROJECT MANAGER

**SUBJECT: CONSIDERATION OF EMERGENCY STORM DRAIN SYSTEM REPAIRS
ON OAK PARK BOULEVARD AT EL CAMINO REAL, PW 2020-04**

DATE: JANUARY 14, 2020

SUMMARY OF ACTION:

To approve an emergency repair project for the storm drain system on Oak Park Boulevard at El Camino Real.

IMPACT ON FINANCIAL AND PERSONNEL RESOURCES:

To fund this unplanned project, it is proposed to utilize cost savings of \$93,921 from the Sierra Drive Drainage Improvements project completed in FY 2018-19, which was funded by the Local Sales Tax Fund. In addition, the Capital Improvement Program budget includes an annual allocation of Local Sales Tax funds for lining corrugated metal pipe (CMP) storm drain pipes. There is \$83,659 available in FY 2019-20 (\$57,500 budgeted plus a \$26,159 carryover from FY 2018-19). Staff time will be necessary to coordinate construction activities with the contractor. This is an unanticipated and unbudgeted project and will redirect funds from FY 2019-20 allocations for CMP lining projects.

RECOMMENDATION:

It is recommended the City Council: 1) Approve a project for immediate and necessary storm drain system repairs on Oak Park Boulevard at El Camino Real; and 2) Reallocate \$93,921 of Local Sales Tax Fund savings from the completed Sierra Drive Drainage Improvements Project and \$83,659 of Local Sales Tax funds from the annual CMP lining program to fund the proposed storm drain system repairs.

BACKGROUND:

During the rain event at the end of December 2019, a catch basin on El Camino Real east of Oak Park Boulevard was not draining and caused the roadway to flood. Investigations following the rain event revealed that a previous repair (20+ years ago) to the storm drain pipe running from the catch basin to a manhole on Oak Park Boulevard had failed and had created a plug in the pipe. This failure also created an avenue for storm water to exit the pipe thereby eroding the surrounding soil. Further investigations revealed that the manhole riser, which had been constructed with CMP and previously repaired with high-density polyethylene (HDPE) pipe as opposed to concrete, had also been exposed to constant water scour causing failure and additional soil erosion. The result of these

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failures is a large void surrounding the manhole and substantial soil and debris deposits in the storm drain pipe that exits the manhole and empties into a box culvert further west along El Camino Real. This storm drain pipe, which runs under Oak Park Boulevard, had become completely full of sediment and substantial deposits are present in the box culvert hindering flow from the pipe. During the first weeks of January 2020, City crews have worked to clean out the storm drain pipe under Oak Park Boulevard, and have set up temporary road signs to direct traffic away from the area of the void.

ANALYSIS OF ISSUES:

In order to address the various issues, it is proposed that a semi-permanent lane closure be established while a contractor repairs the manhole and storm drain pipe from El Camino Real, and removes debris from the box culvert which will allow for the storm drain pipe under Oak Park Boulevard to flow.

The extent of the manhole and storm drain pipe damage, size of the void, or how much box culvert excavation will be required will not be known until the area is opened up to begin the work. However, staff is gathering starting quotes from contractors and is recommending a reallocation of previously budgeted storm drain improvement funds be used to begin these immediate and necessary storm drain system repairs. Staff will return to Council should additional funds be required once the entire scope is known when the area is opened up.

ADVANTAGES:

Reallocation of previously budgeted storm drain improvement funds will allow work to begin immediately on the storm drain system repairs and will reopen northbound Oak Park Boulevard to two lanes of traffic.

DISADVANTAGES:

This is an unanticipated and unbudgeted project and redirects funds from this year's allocation for CMP lining projects.

ALTERNATIVES:

The following alternatives are provided for the Council's consideration:

1. Approve staff's recommendations;
2. Do not approve staff's recommendations and request further information;
3. Modify staff's recommendation and approve; or
4. Provide direction to staff.

ENVIRONMENTAL REVIEW:

The project is categorically exempt from the California Environmental Quality Act (CEQA) pursuant to Guideline Section 15301(b) for the repair of existing publicly-owned facilities used to provide public storm drain utility services.

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PUBLIC NOTIFICATION AND COMMENTS:

The Agenda was posted at City Hall and on the City's website in accordance with Government Code Section 54954.2.

Attachment:

1. Location of storm drain system repairs from City Storm Drain Atlas

