



AGENDA REPORT

SAN CLEMENTE CITY COUNCIL MEETING
Meeting Date: October 18, 2016

Agenda Item COH
Approvals:
City Manager [Signature]
Dept. Head [Signature]
Attorney [Signature]
Finance [Signature]

Department: Public Works / Engineering
Prepared By: David Rebensdorf, Deputy Public Works Director

Subject: **CHANGE ORDER APPROVAL FOR LINDA LANE PUMP STATION PROTECTION, PROJECT NO. 16209.**

Fiscal Impact: Yes. The total estimated cost of this proposed change order work including contingency and soft costs is \$42,000. A supplemental appropriation is needed from the Sewer Fund Depreciation Reserve in the amount of \$12,000 to account number 054-476-45300-000-16209. There is sufficient fund balance within the Sewer Fund Depreciation Reserve for this expenditure.

Summary: In June of 2015, movement was noticed on the bluff above Linda Lane Pump Station. An emergency project was executed and a ratification of the action was approved by the City Council on July 7, 2015. Wright Constructing Engineering Corporation (Wright) was hired to install a temporary soldier pile wall approximate 60 feet long with I beams and wood lagging approximately eight feet high to protect the pump station from soil sluffing.

Over the past year, the soil from the slope has continued to move and is approximately 6 feet in height against some areas of the soldier pile wall. Due to the weight from the soil and moisture in the slope, some of the wood lagging is bowing. Upon further calculation of the potential static forces on the wood from the soil, McNeff Engineering and Consulting is recommending replacement of the wood lagging with thicker members to withstand the additional loading.

In addition, San Diego Gas and Electric (SDG&E) recently replaced the wood power pole adjacent to the slide and pump station with a more structurally sound steel pole with a deeper foundation. To protect the power to the station, staff is working with SDG&E to relocate the electric meter from between the building and the slope to a more secure area away from the slide.

Staff requested a cost from Wright to replace the wood members, installation of a drain and to trench for a new conduit for the meter relocation. The cost for this work is approximately \$34,504, staff recommends Wright to complete the work as a change order to the original project. The contract with Wright has been kept active due to potential concerns that additional work would be needed to protect the station. There is approximately \$30,000 remaining in the project budget. Staff estimates the total expenditure for this work at \$42,000, including contingency and construction management. A supplemental appropriation is needed in the amount of \$12,000 for this proposed expenditure.

Recommended

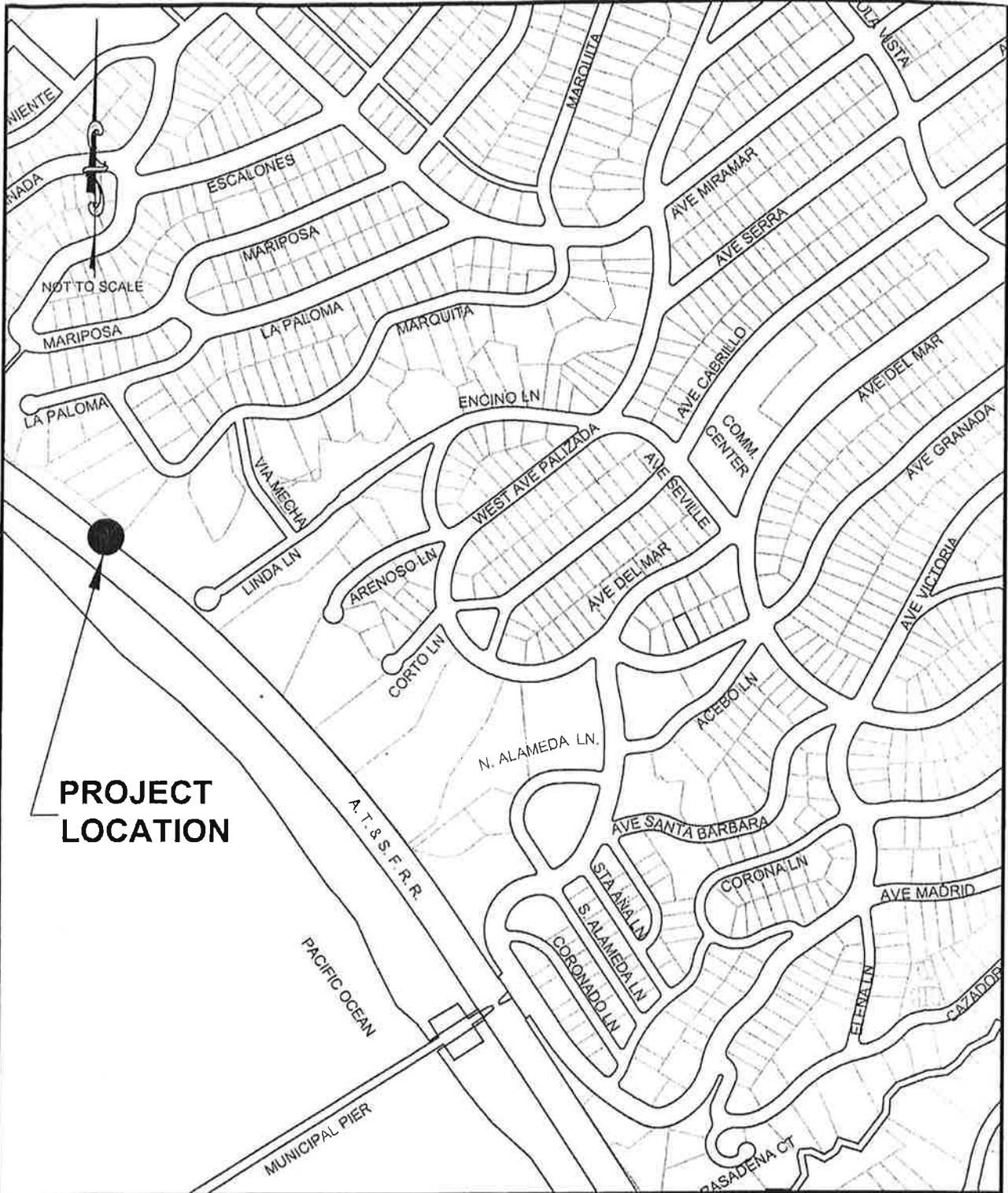
Action: STAFF RECOMMENDS THAT the City Council:

1. Authorize the City Engineer to approve a Change Order 2 to Contract #____, by and between the City of San Clemente and Wright Construction Engineering Corporation, providing for improvements to Linda Lane Pump Station Protection, Project No. 16209. This Change Order increases the contract amount from \$107,845 to \$142,349; and
2. Approve a supplemental appropriation in the amount of \$12,000 to account number 054-476-45300-000-16209 from the Sewer Fund Depreciation Reserve.

Attachments: Location Map

Notification: None.

i:\cd\engineering\secure\admin\2016_admins\10-18-16\10-18-16-7r.docx



**PROJECT
LOCATION**



City of San Clemente

910 Calle Negocio, Suite 100
 San Clemente, CA 92673
 Tel (949) 361-8100
 Fax (949) 361-8918

LOCATION MAP
Emergency Protection for
Linda Lane Pump Station
P.N. 16209