



AGENDA REPORT
SAN CLEMENTE CITY COUNCIL MEETING
 Meeting Date: October 15, 2013

Agenda Item 6I
 Approvals: _____
 City Manager [Signature]
 Dept. Head WEE
 Attorney JAG
 Finance [Signature]

Department: Public Works / Engineering Division
Prepared By: Matt Atteberry, Associate Civil Engineer [Signature]

Subject: *INCREASE CONTRACT CONTINGENCY WITH SANCON ENGINEERING, INC. FOR THE SEWER SYSTEM REHABILITATION FY2013 PROJECT.*

Fiscal Impact: None. The FY2014 Sewer Fund budget has sufficient funds for the proposed additional expense of \$103,065 from the Maintenance of Improvements / Rehabilitate Existing Sewer Lines Account, Project No. 24200, and \$28,323 from the Arenoso Lane Sewer Line Replacement Account, Project No. 14203.

Summary: Staff recommends that the City Council approve an increase in construction contract contingency with Sancon Engineering, Inc. for the rehabilitation of additional sewer pipes that have been determined to need immediate repairs, and for the rehabilitation of the Arenoso Lane sewer line.

Discussion: On June 4, 2013, the City Council approved a construction contract with Sancon Engineering, Inc. in the amount of \$204,389 to repair and rehabilitate certain sewer (\$37,120) and storm drain pipes (\$167,269) that were identified during routine inspection by the Utilities Division. The contract repairs and rehabilitation will extend the service life and maintain the integrity of the collection system. After approval of the construction contract, the Utility Division discovered five additional locations where the sewer collection system needs immediate repairs. Staff has determined that the appropriate rehabilitation method will consist of installing Cured In Place Pipe (CIPP), which is a trenchless method to install an internal liner that does not involve excavation. To expedite the repairs, Staff is recommending utilizing Sancon Engineering, Inc. which is already under contract with the City for the same type of work. Negotiated cost with Sancon Engineering, Inc. to line these five pipes amounts to \$90,565 with a \$12,500 construction contingency. The Maintenance of Improvements/Rehabilitate Existing Sewer Lines Account currently has a balance of \$389,156.

The Arenoso Lane sewer line is in the same proximity to the sewer pipes needing immediate repairs and can be efficiently rehabilitated by Sancon Engineering, Inc. using the same trenchless methods. The existing 8-inch cast iron pipe, installed in 1929, runs down the steep coastal bluff from Arenoso Lane to the Beach Trail. The pipe has been inspected and determined to have internal corrosion. The project was budgeted for \$200,000 in FY2014 for design and \$800,000 in FY2015 for construction. Based on a review of as-built plans and video inspection records, Sancon Engineering, Inc. recommends cleaning the interior of the pipe to remove the corrosion and lining the pipe with CIPP. If successful, this method will eliminate the need to replace the pipe, thereby saving design and construction costs of nearly \$1

million. However, this cost saving approach won't be confirmed until Sancon Engineering, Inc. inspects the interior of the pipe with their equipment. Negotiated cost with Sancon Engineering, Inc. to line the Arenoso Lane sewer line amounts to \$20,323 with an \$8,000 construction contingency.

There are sufficient funds budgeted in FY 2014 in the Sewer Fund for the increase in contract contingency to repair these aforementioned sewer pipes. The total increase to the construction contract contingency with Sancon Engineering, Inc. is requested in the amount of \$103,065 for the five additional pipes needing immediate rehabilitation and in the amount of \$28,323 for the Arenoso Lane sewer line rehabilitation.

Recommended

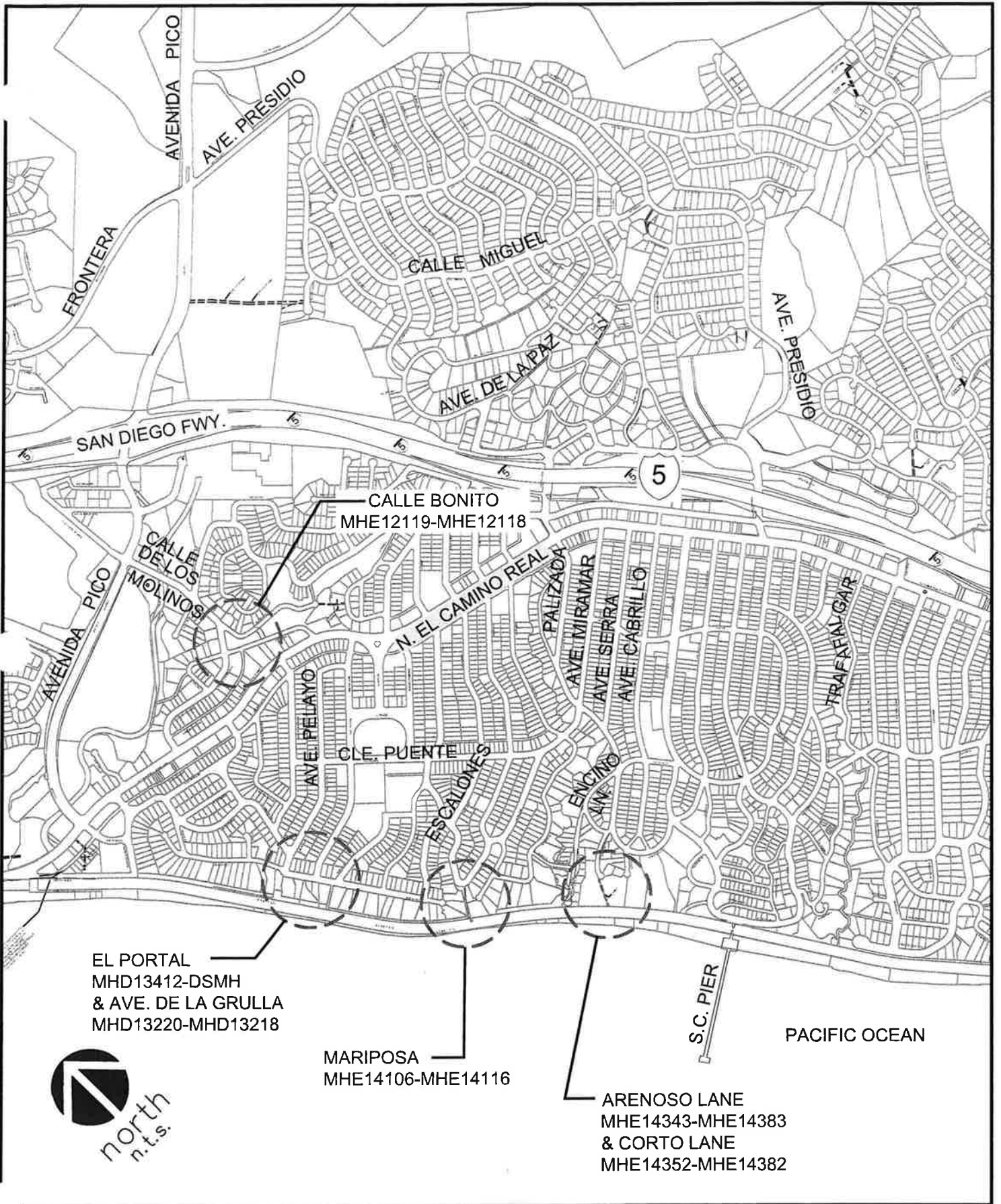
Action: STAFF RECOMMENDS THAT the City Council:

1. Approve an increase in construction contract contingency with Sancon Engineering, Inc. in the amount of \$103,065, for Sewer System Rehabilitation FY2013, Project No. 24200; and
2. Approve an increase in construction contract contingency with Sancon Engineering, Inc. in the amount of \$28,323, for Arenoso Lane Sewer Line Replacement, Project No. 14203.

Attachments: 1. Location Map

Notification: None.

GIJ



EL PORTAL
MHD13412-DSMH
& AVE. DE LA GRULLA
MHD13220-MHD13218

MARIPOSA
MHE14106-MHE14116

ARENOSO LANE
MHE14343-MHE14383
& CORTO LANE
MHE14352-MHE14382



Prepared in the office of

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LOCATION MAP

SEWER SYSTEM REHABILITATION 2012-2013
Additional Repair Locations - P.N. 24200

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