



AGENDA REPORT

CITY OF SAN CLEMENTE

City Council Meeting

910 Calle Negocio
2nd Floor
San Clemente, California
www.san-clemente.org

Meeting Date: 2/7/2023

Agenda Item: 6I

Department: Utilities

Prepared By David Rebensdorf, Utilities Director

Subject:

ACCEPTANCE AND NOTICE OF COMPLETION FOR CYPRUS SHORE SEWER LINING, PROJECT NO. 12209.

Fiscal Impact:

The cost for the emergency sewer lining project was \$81,750 and was completed within approved construction budget of \$127,000 from the Sewer Depreciation Reserve Fund.

Summary:

Sancon Technologies has completed the contract for the Cyprus Shore Sewer Lining for Project No. 12209. Staff recommends the City Council accept the project.

Background:

When the Cyprus community was developed, the collection system, a sewer pump station serving approximately 400 homes, and a portion of the storm drain system was dedicated to and accepted by the City. Due to coastal bluff movement adjacent to the Cyprus Shore Clubhouse near the intersection of Calle Ariana and Avenue de las Palmeras, and to protect public safety and property, a temporary emergency sewer bypass was installed by City staff on September 20, 2021 and is operated by O'Connell Engineering and Construction. In addition, a bypass of the storm drain in Avenue de las Palmeras was constructed to keep storm water out of the coastal bluff landslide area.

Discussion:

Due to recent movement of the ancient landslide corresponding to slope stabilization construction by the Orange County Transportation Authority (OCTA) for protection of the railroad, City construction of the relocation of the sewer pump station within the ancient landslide and final design for the storm drain has been placed on hold. In addition, due to the movement there is concern for failure of the public water and sewer systems within the ancient landslide area. To minimize disruption to the residents, prevent a sewer spill, and maintain service within the community, lining of the sewer line was completed within the landslide area.

Recommended Actions:

Staff Recommendation

1. Accept the Cyprus Shore Sewer Lining, Project No. 12209 from the Contractor, Sancon Technologies, Inc.

2. Authorize the Utilities Director to execute, and the City Clerk to record, the Notice of Completion for the Cyprus Shore Sewer Lining, Project No. 12209.

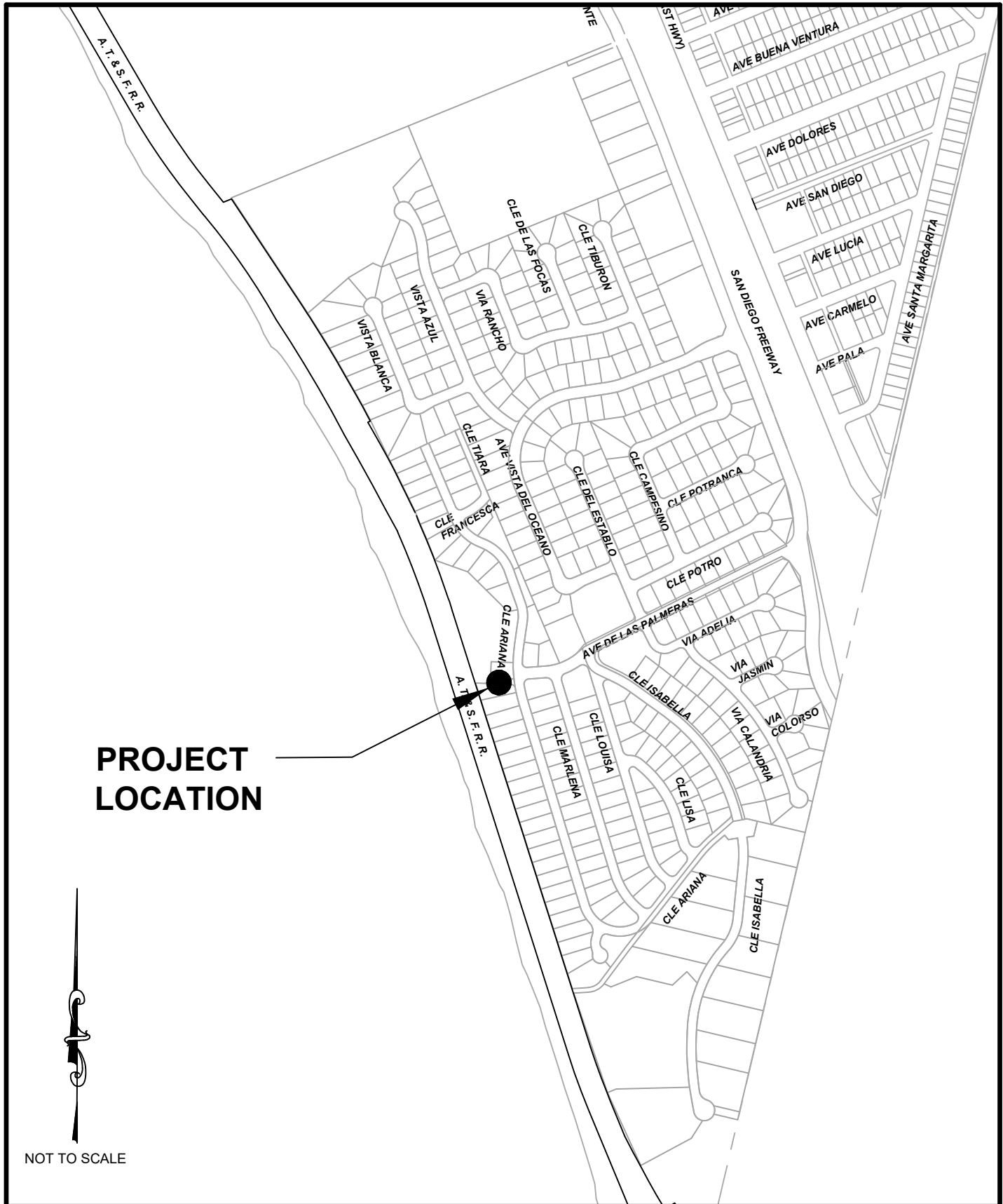
3. Authorize the City Clerk to release the Payment Bond 35 days from the recordation of the Notice of Completion upon verification with the Utilities Department that no liens have been levied against Sancon Technologies, Inc.

Attachment:

1. Location Map
2. Notice of Completion
3. Agenda Report dated December 20, 2022 (without attachments)

Notification:

None.



**PROJECT
LOCATION**



NOT TO SCALE

S:\public\CMMS\GIS\Users Files\Jake Ohana\CAD\Location Plan (Admin Report).dwg Tuesday, October 12, 2021 8:52:52 AM



City of San Clemente

910 Calle Negocio, Suite 100
San Clemente, CA 92673
Tel (949) 361-6100
Fax (949) 361-8316

LOCATION MAP

**Cyprus Shore Storm Drain and
Pump Station Relocation**

PN 12004 & 12209

Recording Requested By:
City of San Clemente

When Recorded, Mail To:
City Clerk
City of San Clemente
910 Calle Negocio, Suite #100
San Clemente, CA 92672

Recorded for the benefit of the City of San Clemente and exempt from recording fees pursuant to Government Code Section 27383.

Space above this line is for Recorder's Use Only

NOTICE OF COMPLETION

Notice is hereby given by the City of San Clemente, a Municipal Corporation, that a public work of improvement has been completed as follows:

1. *Project title or description of work:* Cyprus Shore Sewer Lining, Project No. 12209
2. *Street address or legal description of the project site:* 3920 Calle Ariana
3. *Date of Completion:* December 14, 2022
4. *Name of owner:* City of San Clemente.
5. *Interest or estate of owner:* Fee.
6. *Address of owner:* 910 Calle Negocio, San Clemente, CA 92673
7. *Name and address of contractor:* Sancon Technologies, Inc., 5841 Engineer Drive Huntington Beach, CA 92649

I am the Utilities Director for the City of San Clemente, a Municipal Corporation, the owner of the indicated interest or estate in the property described above. I make this verification on behalf of the City of San Clemente. I have read this Notice of Completion and know its contents. I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Executed on _____ in San Clemente, California.

David Rebensdorf, Utilities Director
City of San Clemente



AGENDA REPORT

CITY OF SAN CLEMENTE

City Council Meeting

Meeting Date: 12/20/2022

Agenda Item: 4G

Department: Utilities

Prepared By: David Rebensdorf, Utilities Director

Subject:

RATIFICATION OF EMERGENCY PURCHASES AND CONSTRUCTION CONTRACTS WITH SANCON TECHNOLOGIES, INC. AND XYLEM DEWATERING SOLUTIONS, INC. FOR CYPRUS SHORE SEWER LINING, PROJECT NO. 12209.

Fiscal Impact:

Yes. An estimated \$127,000 is recommended for emergency sewer lining and bypass pumping. To fund the expenditure, a supplemental appropriation of \$127,000 is recommended from the Sewer Fund Depreciation Reserve to Account No. 054-476-45300-000-12209. This emergency expenditure will reduce available fund balance to approximately \$2,664,637 in the Sewer Depreciation Fund.

Expenditures to date from the Sewer Depreciation Fund, including this expenditure, for pump station operation, bypass equipment, pumps, generators, fuel and lining are approximately \$1,660,627. Additional expenditures are anticipated for temporary sewer pump station operation in the amount of \$120,000 per month until it is relocated in a permanent location. Emergency expenditures may be needed in the near future to relocate the forcemain above ground if movement continues in the ancient landslide.

Summary:

To protect public health and safety due to recent movement of the ancient landslide, staff recommends the City Council ratify the emergency construction contracts approved by the City Manager with Sancon Technologies, Inc. and Xylem Dewatering Solutions, Inc. and supplemental appropriation of funds.

Background:

When the Cyprus community was developed, the collection system, a sewer pump station serving approximately 400 homes, and a portion of the storm drain system was dedicated to and accepted by the City. Due to coastal bluff movement adjacent to the Cyprus Shore Clubhouse near the intersection of Calle Ariana and Avenue de las Palmeras and to protect public safety and property, a temporary emergency sewer bypass was installed by City staff on September 20, 2021 and is currently operated by O'Connell Engineering and Construction. In addition, a bypass of the storm drain in Avenue de las Palmeras was constructed to keep storm water out of the coastal bluff landslide area.

Discussion:

Due to recent movement of the ancient landslide corresponding to slope stabilization construction by the Orange County Transportation Authority (OCTA) for protection of the railroad, City construction of the relocation of the sewer pump station within the ancient landslide has been placed on hold along

with final design for the storm drain. In addition, due to the movement there is concern for failure of the public water and sewer systems within the ancient landslide area. To minimize disruption to the residents, prevent a sewer spill, and maintain service within the community, lining of the sewer line was completed and evaluations of alternate sewer pump station operation, above ground sewer forcemain bypass pipeline, and addition sewer lining are being completed.

The first phase of the mitigation effort due to the recent movement is to protect the existing gravity sewer line at the interface of the ancient landslide within Calle Ariana north of Avenue de las Palmeras. The City Manager authorized construction contracts to install a flexible liner within the sewer line. Unfortunately, the existing clay sewer line is brittle and is subject to cracking and potential failure if extended movement occurs. The liner was installed without excavation within the existing clay sewer line (host pipe) and will become the new pipeline which will not be subject to leaks prior to failure due to the flexibility of the material. To prevent a sewer system failure, the City Manager has the authority to approve emergency contracts and purchases when there is a need to protect public health and safety per Section 3.40.070 of the City of San Clemente Municipal Code.

The estimated cost for liner installation is shown below.

Sewer Lining

Design and Administration	\$ 15,000
Bypass Pumping (Xylem)	18,850
Liner Installation (Sancon)	80,940
<u>Contingency</u>	<u>12,210</u>
Total	\$ 127,000

Plan and Policy Consistency:

The approval is consistent with the following General Plan Goals and Policies:

- Goal: Maintain and improve a comprehensive system of potable water supply, storage and distribution, and wastewater treatment, reclamation, and reuse to meet daily and emergency needs in San Clemente.
- Policy: PSFU-5.10. Wastewater System. We provide and maintain a system of wastewater collection and treatment facilities to adequately convey and treat wastewater generated in the City of San Clemente service area.

Council Strategy:

The approval is consistent with Council Strategy 3 - Update and maintain Infrastructure that reflects best available technology and service - in that Utilities is providing uninterrupted sewer and storm drainage service to approximately 400 homes within the Cyprus Shore community with temporary solutions while more permanent facilities are designed and constructed.

Recommended Actions:

Staff Recommendation

Staff Recommends that the City Council:

1. Make a finding that an emergency exists due to the potential failure of an existing sewer line and

that the situation requires immediate action to prevent or mitigate impairment to property and public services, that might otherwise occur if required to incur delays attributed to the typical engineering design and public competitive bidding process.

2. Declare that the public interest and necessity demand the immediate expenditure of public funds to safeguard public health.
3. Approve a supplemental appropriation in the amount of \$127,000 to Account Number 054-476-45300-000-12209 from the Sewer Fund Depreciation Reserve.
4. Ratify a Construction Contract with Sancon Technologies, Inc. for \$80,940, for Cyprus Shore Emergency Sewer Lining, Project No 12209.
5. Ratify a Construction Contract with Xylem Dewatering Solutions, Inc. on a time and materials basis for up to \$18,850 for Cyprus Shore Emergency Sewer Lining, Project No 12209.

Attachment:

1. Location Map
2. Construction Contract with Sancon Technologies, Inc.
3. Construction Contract with Xylem Dewatering Solutions, Inc.

Notification:

None.