



# AGENDA REPORT

SAN CLEMENTE CITY COUNCIL MEETING

Meeting Date: May 25, 2022

Agenda Item 4D

**Approvals:**

City Manager ES

Dept. Head DR

Attorney CJ

Finance JR

**Department:** Utilities  
**Prepared By:** David Rebensdorf, Utilities Director DR

**Subject:** **ACCEPTANCE AND NOTICE OF COMPLETION FOR THE 36-INCH STORM DRAIN LINER FOR CYPRUS SHORE STORM DRAIN EMERGENCY RELOCATION, CIP PROJECT NO. 12004.**

**Fiscal Impact:** Yes. The total construction cost of \$57,280 is within the approved construction budget of \$60,000 from the Storm Drain Depreciation Reserve Fund.

**Summary:** Acceptance and Notice of Completion for Sancon Technologies, Inc. for completion of contract work for the 36-Inch Storm Drain Liner for Cyprus Shore Storm Drain Emergency Relocation. Refer to Attachment 1 for Location Map and Attachment 2 for Notice of Completion.

**Background:** On December 7, 2021, the City Council ratified a construction contract with Sancon Technologies, Inc. to install 225 linear feet of liner within the existing 36-inch storm drain, from the above ground junction structure near the Cyprus Shore Clubhouse to the intersection of Avenue de las Palmeras and Calle Marlana, to provide additional structural pipe protection. Sancon Technologies satisfactorily completed the work with the total project cost of \$57,280.

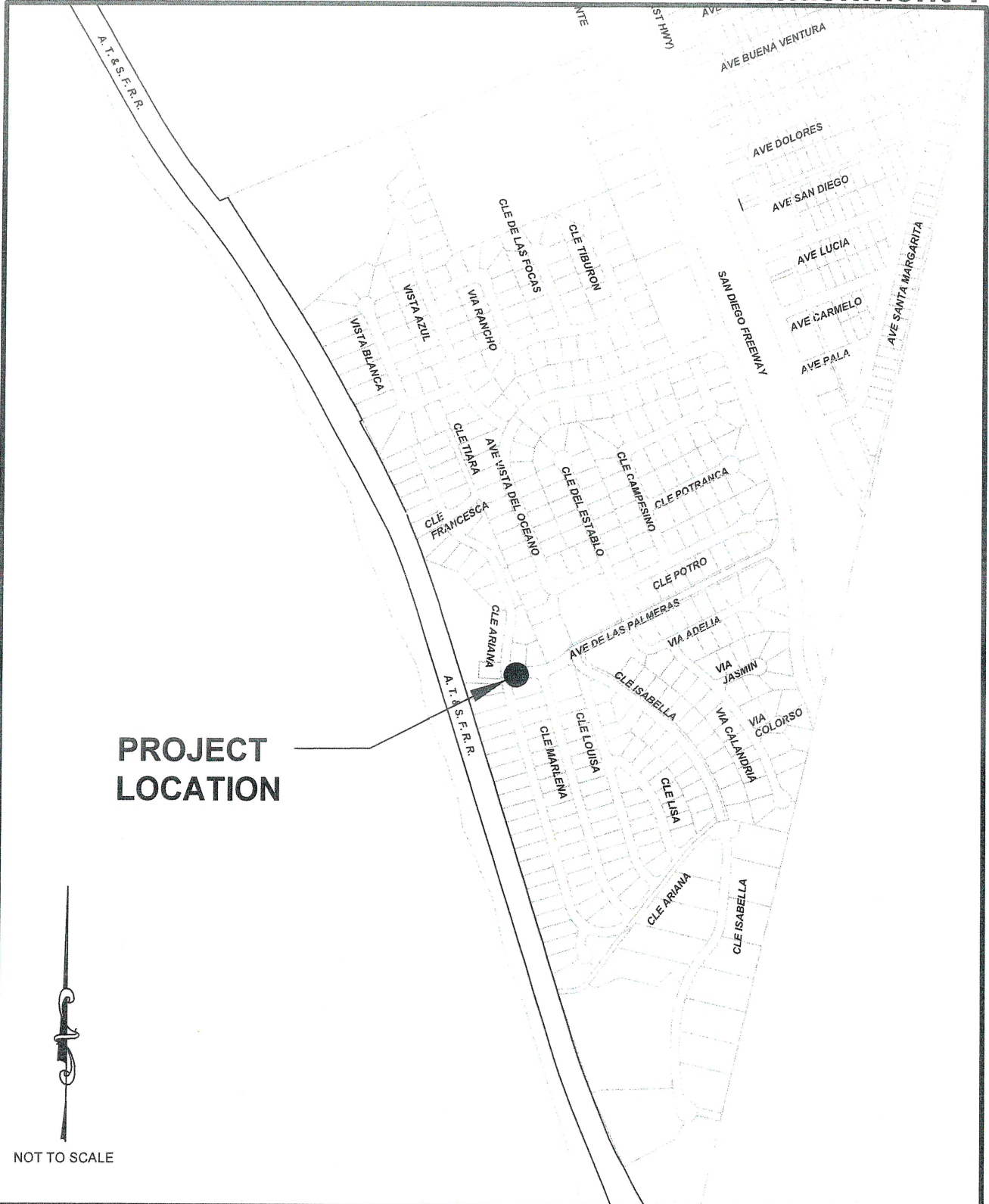
**Recommended Action:** STAFF RECOMMENDS THAT the City Council:

1. Accept the 36-Inch Storm Drain Liner for Cyprus Shore Storm Drain Emergency Relocation, Project No. 12004, from Sancon Technologies, Inc.;
2. Authorize the Public Works Director to execute and record the Notice of Completion for the 36-Inch Storm Drain Liner for Cyprus Shore Storm Drain Emergency Relocation, Project No. 12004; and
3. Authorize the City Clerk to release the Payment Bond 35 days from the recordation of the Notice of Completion upon verification with the Engineering Division that no liens have been levied against the Contractor, Sancon Technologies, Inc.

**Attachments:** 1. Location Map  
2. Notice of Completion  
3. Staff Report Dated December 7, 2021 (without attachments)

**Notification:** None.

S:\env\public\CMMS\GIS\Users Files\Joke Ohama\CAD\Location Plan (Admin Report).dwg Wednesday, January 26, 2022 9:33:18 AM



**PROJECT  
LOCATION**



NOT TO SCALE



*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 36-Inch  
 Storm Drain Liner  
 PN 12004**

**Recording Requested By:**  
City of San Clemente

**When Recorded, Mail To:**  
Public Works Department  
City of San Clemente  
910 Calle Negocio  
San Clemente, CA 92673

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:* 36-Inch Storm Drain Liner for Cyprus Shore Storm Drain Emergency Relocation
2. *Date of completion:* December 10, 2021
3. *Street address or legal description of the project site:* Avenue de Las Palmeras, between Calle Ariana and Calle Marlana, San Clemente, CA 92672
4. *Name of owner:* **City of San Clemente**
5. *Interest or estate of owner:* **Public Right-of-Way (Utility Easement)**
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 Public Works Director/City Engineer 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.

\_\_\_\_\_  
Kiel Koger, Public Works Director/City Engineer  
City of San Clemente



AGENDA REPORT

SAN CLEMENTE CITY COUNCIL MEETING  
Meeting Date: December 7, 2021

Agenda Item 6J  
Approvals:  
City Manager EL gs  
Dept Head DR  
Attorney \_\_\_\_\_  
Finance gs

**Department:** Utilities  
**Prepared By:** David Rebensdorf, Utilities Director DR

**Subject:** *RATIFICATION OF EMERGENCY PURCHASES AND SUPPLEMENTAL FUNDING FOR CYPRUS SHORE PUMP STATION EMERGENCY OPERATION AND CYPRUS SHORE STORM DRAIN EMERGENCY RELOCATION, PROJECT No.'s 12209 AND 12004.*

**Fiscal Impact:** Yes. \$205,400 was approved for an initial 60 days of emergency bypass pump station operation. An additional 60 days of operation is recommended with funding from a supplemental appropriation in the amount of \$236,000 from the Sewer Fund Depreciation Reserve to Account No. 054-476-45300-000-12209.

The initial estimated cost for the temporary relocation of the storm drain was \$256,000. Based on design and procurement of materials, the updated cost estimate is \$411,000. Staff is recommending a supplemental appropriation in the amount of \$155,000 from the Storm Drain Fund Depreciation Reserve to Account No. 059-553-45300-000-12004.

There is sufficient fund balance within all proposed funds for the recommended appropriations.

**Summary:** Coastal bluff movement at Cyprus Shore necessitated an emergency response to ensure uninterrupted wastewater and storm drainage. On September 20, 2021, City staff installed a temporary emergency sewer bypass pump system adjacent to the Cyprus Shore Clubhouse near the intersection of Calle Ariana and Avenue de las Palmeras. In order to protect public health and safety, the City Council ratified the emergency Professional Services Agreement and construction contracts approved by the City Manager with AKM Consulting Engineers and O'Connell Engineering and Construction, Inc. (O'Connell) and an initial appropriation of funding for expenditures, including construction management/inspection services for Dudek Engineering, material purchases and rentals at its October 19, 2021 City Council Meeting. With the need for continued operation of the pump station with pump watch while a more permanent facility is constructed and based on detailed design of the storm drain relocation, additional funding is being recommended. In addition, due to lack of availability of materials and changes in suppliers, ratification of purchases is required.

**Background:** To continue sewer service to approximately 400 homes within the Cyprus community while design and construction of a temporary pump station with electric power and monitoring capabilities, additional costs for pump watch are needed. Staff is anticipating approximately 60 additional days may be needed for pump watch to ensure uninterrupted service and to prevent a sewer spill. O'Connell was hired through

an emergency contract to provide 30 days of pump watch for \$83,988 which was extended for 30 days as previously authorized by the City Council. Several temporary and permanent pump station options were evaluated which requires additional time to for design. Staff is recommending the City Council authorize the City Manager to approve a contract change order for as needed pump watch for an additional 60 days with O'Connell. In addition, funding is needed for expenditures related to rentals and purchase of materials, such as, electrical equipment, piping, pumps, emergency generator and fuel to operate the temporary pump station. The temporary relocation of the pump station is under design and electrical power is being installed by SDG&E. Staff anticipates completion of pump watch in February 2022. Once design is finalized, staff will recommend additional funding and contracts for the temporary relocation of the pump station.

The storm drain above ground bypass is under construction and consists of approximately 500 linear feet of above ground 36-inch High Density Polyethylene (HDPE) Pipe and 100 linear feet of 18-inch HDPE Pipe routed south of the association Clubhouse and through the private community park. K-rail, sandbags and visqueen will be utilized to route nuisance and storm flows around the clubhouse and into the 18-inch storm drain (see Exhibit 2). Due to an issue with availability of pipe, the ratified purchase from P&F Distributors by the City Council on October 19, 2021 was not completed. Fortunately, storm drain pipe and fittings were available through Envirocon Systems in the amount of approximately \$120,000. In addition, staff is requesting the City Council ratify a construction contract with Sancon Technologies, Inc. in the amount of \$57,280 to install approximately 225 linear feet of liner from the above ground junction structure near the clubhouse to the intersection of Avenue de las Palmeras and Calle Marlana due to increased pressure in the storm drain caused by the above ground piping. Construction for the relocation of the storm drain is anticipated to be complete by the end of December 2021.

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 temporary wastewater service operations and temporary relocation of the storm drain are shown below.

**Emergency Wastewater Operation Cost Estimate**

Pump, Piping and Fittings	\$ 8,500/month
K-Rail	700/month
Generator	11,000/month
Diesel Fuel	3,800/month
Pump Watch (O'Connell)	84,000/month
<u>Contingency 10%</u>	<u>10,000/month</u>
Subtotal	118,000/month
Total (Assumes two months of operation)	\$236,000

**Storm Drain Temporary Relocation Costs**

**Approved Initial Estimate**

Engineering	\$ 49,884
Administration/Permitting	15,000
Inspection/Construction Management	10,000
500' of 36-inch HDPE Pipe and Fittings	125,000
Construction	40,000
Contingency	10,116
Sandbags	3,800
<u>K-Rail (550/month X 4 months)</u>	<u>2,200</u>
Total Cost	\$256,000

**Current Cost Estimate**

Engineering	\$ 49,884
Administration/Permitting	15,000
Inspection/Construction Management	22,500
500' of 36-inch and 100' of HDPE Pipe and Fittings	120,000
Thrust Restraint Pipe Clamps	20,000
Construction	40,000
36-inch Storm Drain Liner	60,000
Contingency 12%	40,616
36-inch Storm Drain Plug Rental and Maintenance	35,000
Sandbags	3,800
<u>K-Rail (700/month X 6 months)</u>	<u>4,200</u>
Total Cost	\$411,000

***Recommended***

***Action:***

STAFF RECOMMENDS THAT the City Council:

1. Make a finding that an emergency exists due to the potential failure of an existing sewer pump station and storm drain system 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 \$236,000 to Account Number 054-476-45300-000-12209 from the Sewer Fund Depreciation Reserve;
4. Approve a supplemental appropriation in the amount of \$155,000 to Account Number 059-553-45300-000-12004 from the Storm Drain Fund Depreciation Reserve;

5. Authorize the City Manager to approve a change order with O'Connell Engineering and Construction, Inc. on a time and materials basis for up to \$168,000 for Cyprus Shore Emergency Pump Station Bypass Operation, Project No 12209;
6. Ratify a purchase with Envirocon Systems for storm drain pipe and fittings in the amount of \$120,000 for Cyprus Shore Storm Drain Emergency Relocation, Project No 12004: and,
7. Ratify a Construction Contract with Sancon Technologies, Inc. in the amount of \$57,280 Cyprus Shore Storm Drain Emergency Relocation, Project No 12004.

- Attachments:**
1. Location Map.
  2. Storm Drain Location Exhibit.
  3. Envirocon Systems Initial Purchase Order.
  4. Sancon Technologies, Inc. Construction Proposal for a 36-inch Storm Drain Liner. The Construction Contract is on-file with the City Clerk's Office.
  5. October 19, 2021 City Council Agenda Report without attachments.

**Notification:** None.