

MINUTES OF A MEETING OF THE  
ENGINEERING/EQUIPMENT COMMITTEE  
OF THE VALLECITOS WATER DISTRICT  
TUESDAY, APRIL 26, 2022, AT 3:00 P.M.  
AT THE DISTRICT OFFICE IN THE BOARD ROOM  
201 VALLECITOS DE ORO, SAN MARCOS, CALIFORNIA

Director Hernandez called the meeting to order at the hour of 3:00 p.m.

Present: Director Elitharp  
Director Hernandez  
Assistant General Manager Gumpel  
District Engineer Hubbard  
Capital Facilities Senior Engineer Morgan  
Engineering Services Assistant Fretwell

PUBLIC COMMENT

None.

ITEM(S) FOR DISCUSSION

CAPITAL IMPROVEMENT PROJECTS QUARTERLY UPDATE

Capital Facilities Senior Engineer Morgan briefly demonstrated where quarterly updates for Capital Improvement Program (CIP) projects can be accessed on the District's website: <https://www.vwd.org/departments/engineering/capital-facilities>.

Capital Facilities Senior Engineer Morgan provided a brief update on three of the CIP projects currently listed online for Quarter 3 of Fiscal Year (FY) 2021-2022. A contract has been awarded for the Sewer Lining and Rehabilitation 2021 Project, and construction will be mobilized in May 2022. The San Marcos Interceptor Phase 2 Project has been completed. It is still on the list since retention was paid in the third quarter. Sage Canyon Tank Refurbishment is currently in construction. The 3.7 million gallon (MG) water tank is undergoing a coating and structural refurbishment with an expected July or August completion date.

Regarding the San Marcos Interceptor Phase 2 Project, Director Elitharp asked if trunk laterals join the sewer interceptor within the San Marcos Creek boundaries and if there was any need for special construction. Capital Facilities Senior Engineer Morgan stated an 8" diameter collector pipe joins the sewer interceptor at a manhole, not on the mainline. Assistant General Manager Gumpel added most trunk sewer lateral connections are out of the creek boundaries on the San Marcos Boulevard side. Two sewer lines cross the San Marcos Creek at Bent Avenue and Via Vera Cruz before they tie into the interceptor sewer.

Director Elitharp asked for an update on the Meadowlark Water Reclamation Facility's (MRF) Sodium Hypochlorite Project. Capital Facilities Senior Engineer Morgan stated that a meeting occurred on the same day to finalize the preliminary design report (PDR). Trussell Technologies participated in the meeting to provide peer review services. The next expected deliverable will be 60% design.

Assistant General Manager Gumpel stated that the Capital Department has been busy and productive with the 13 active CIP projects.

TASK ORDER AMENDMENT APPROVAL FOR THE MEADOWLARK WATER RECLAMATION FACILITY LANDSCAPING IMPROVEMENTS PROJECT

Capital Facilities Senior Engineer Morgan provided background information on the Landscaping Improvements Project. He stated several reasons Meadowlark Water Reclamation Facility (MRF) needs landscaping improvements: 1) landscaping requires high maintenance; 2) erosion and runoff; 3) aesthetically inconsistent theme; and 4) irrigation system challenges.

Capital Facilities Senior Engineer Morgan stated that NV5 completed the preliminary design report (PDR) and conceptual layouts, which include areas for new plantings, selective replacement plantings, a rock garden, and a multi-purpose trail. To prevent storm water runoff, the slope will be stabilized with modular retaining walls, a bonded fiber matrix, biodegradable matting, and/or landscape boulders. These measures will keep the area in regulatory compliance. Low-maintenance native and non-native plants were chosen and will provide aesthetics and reduce staff maintenance. There are various options for sculptural accents and water features in the PDR. The overall landscape will change to provide the Operations and Maintenance Departments safe access to perform routine maintenance and improve the irrigation system.

With a task order amendment approval, the project will go into the final design phase. The schedule outlines final design to end in May 2022. The bid advertisement will go out in September and will be awarded in November. Construction is anticipated to begin in January 2023 and end in April 2023.

Capital Facilities Senior Engineer Morgan stated the project is identified and approved in the FY 21/22 Budget with a budget amount of \$180,000. The project funding source is 100% from Sewer Replacement funds. The total estimated project cost and budget summary are as follows:

Budget	\$ 180,000
PDR	\$ 20,618
Design Phase Services	\$ 45,655
Design Phase Services (Staff)	\$ 10,000*
Overhead and Materials	\$ 20,000*
Construction Contract	\$ <u>TBD</u>
Total	\$ 96,273*

\*Estimated Fee

The FY 22/23 project budget is being increased to accommodate the complete scope of work.

Director Hernandez asked if the District requires approval from the City of Carlsbad. Assistant General Manager Gumpel stated that since the project is on the District's site, the District is exempt from those types of permits. Water facilities and existing sewer facilities have broad exemptions. However, to build a new sewer facility the District would not be exempt from land use agencies' jurisdictions.

Staff is seeking the Engineering & Equipment Committee's support of staff's recommendation to execute an amendment under the current task order with NV5 in the amount of \$45,655 for final design phase services for the MRF Landscaping Improvements Project. Also, staff would like the support of the Committee to put this item on the consent calendar at the first Board meeting in May 2022.

The Committee supports staff's recommendation.

#### FREQUENCY OF ENGINEERING/EQUIPMENT COMMITTEE MEETINGS

Assistant General Manager Gumpel stated that the District has many projects in the construction phase within the Capital and Development Services departments. There will not be many upcoming items that need Committee input or review. Staff is seeking approval to move the Engineering/Equipment Committee Meetings to a quarterly basis instead of a monthly basis. This proposed schedule would coincide with the Capital Department's quarterly updates and the Development Services Department's bi-annual updates. If items require further input or review from the Committee, meetings may be scheduled in between the quarterly meetings based on availability and need.

The Committee supports staff's recommendation to move Engineering/Equipment Committee meetings to a quarterly schedule for a two quarter trial period. Director Hernandez reinforced that the Committee would like to review change orders and to add additional meetings for complicated items. District Engineer Hubbard stated that when items need feedback and support from the Committee, staff will seek additional meetings.

#### OTHER BUSINESS

None.

#### ADJOURNMENT

There being no further business to discuss, the meeting was adjourned at the hour of 3:21 p.m.