

**MINUTES
ENGINEERING AND OPERATIONS COMMITTEE MEETING**

**Wednesday, July 3, 2024, at 9:30 a.m.
UWCD Headquarters, First Floor, Board Room
1701 N. Lombard Street, Oxnard, CA 93030**

OPEN SESSION

The meeting was called to order at 9:31 a.m.

Committee Members Roll Call

All Committee members were present (Huber, Keeling, and Maulhardt).

1. Public Comment

Public Speaker: Steve Nash

2. Approval of Minutes

Motion

Action: M/S/C (Huber, Keeling) to approve the May 2, 2024, minutes.

Vote: Ayes: Huber, Keeling, and Maulhardt; Noes: None; Absent: None

3. July 10, 2024, UWCD Board of Directors Meeting Agenda Items

3.1 Amendment to the Professional Consulting Services Agreement with Black and Veatch for Santa Felicia Dam Safety Improvement Project - Outlet Works Improvement Project Construction Management and Inspection Services (CIP 8002) (Engineering Department, Dr. Maryam Bral)

Chief Engineer Dr. Bral announced that there was a contract decrease due to negotiations that were conducted by staff after meeting Committee deadlines. The new contract amount was \$1,780,888.

Action: M/S/C (Maulhardt, Huber) to recommend approval authorizing the General Manager to award an amendment to the executed Agreement for Professional Consulting Services with Black and Veatch Corporation in the amount not to exceed \$1,809,337 (Amendment No. 1) to provide construction management and inspection services, and preconstruction services including an independent review of the construction contract documents for the Santa Felicia Dam Safety Improvement Project – Outlet Works Improvement Project (CIP 8002) to the Board.

Vote: Ayes: Huber, Keeling, and Maulhardt; Noes: None; Absent: None



3.2 Authorize the Execution of an Agreement with GEI Consultants, Inc. to Develop the Final Design Phase, Prepare Final Bid Documents and Provide Bid Phase Support Services for the Santa Felicia Dam Spillway Improvement Project (CIP 8003) (Engineering Department, Dr. Maryam Bral)

Recommend approval of the motion item to the full Board authorizing the General Manager to execute an agreement with GEI Consultants, Inc. in the amount of \$2,154,576.00 to develop the final design phase, prepare final bid documents, and provide bid phase support services for the Santa Felicia Dam Spillway Improvement Project (CIP 8003). (Engineering Department, Dr. Bral)

Action: M/S/C (Keeling, Huber) to recommend approval authorizing the General Manager to execute an agreement with GEI Consultants, Inc. in the amount of \$2,154,576.00 to develop the final design phase, prepare final bid documents, and provide bid phase support services for the Santa Felicia Dam Spillway Improvement Project (CIP 8003) to the Board.

Vote: Ayes: Huber, Keeling, and Maulhardt; Noes: None; Absent: None

4. Monthly Department Updates
Information Items

4.1 Engineering Department Update
Information Item

Received and reviewed the Engineering Department monthly update (presentation attached).

4.2 Environmental Services Department Update
Information Item

Received the Environmental Services Department monthly update (presentation attached).

4.3 Operations and Maintenance Department Update
Information Item

Received the Operations and Maintenance Department monthly update (presentation attached).

5. Future Agenda Items

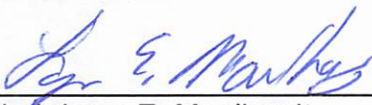
No future agenda items offered.

ADJOURNMENT

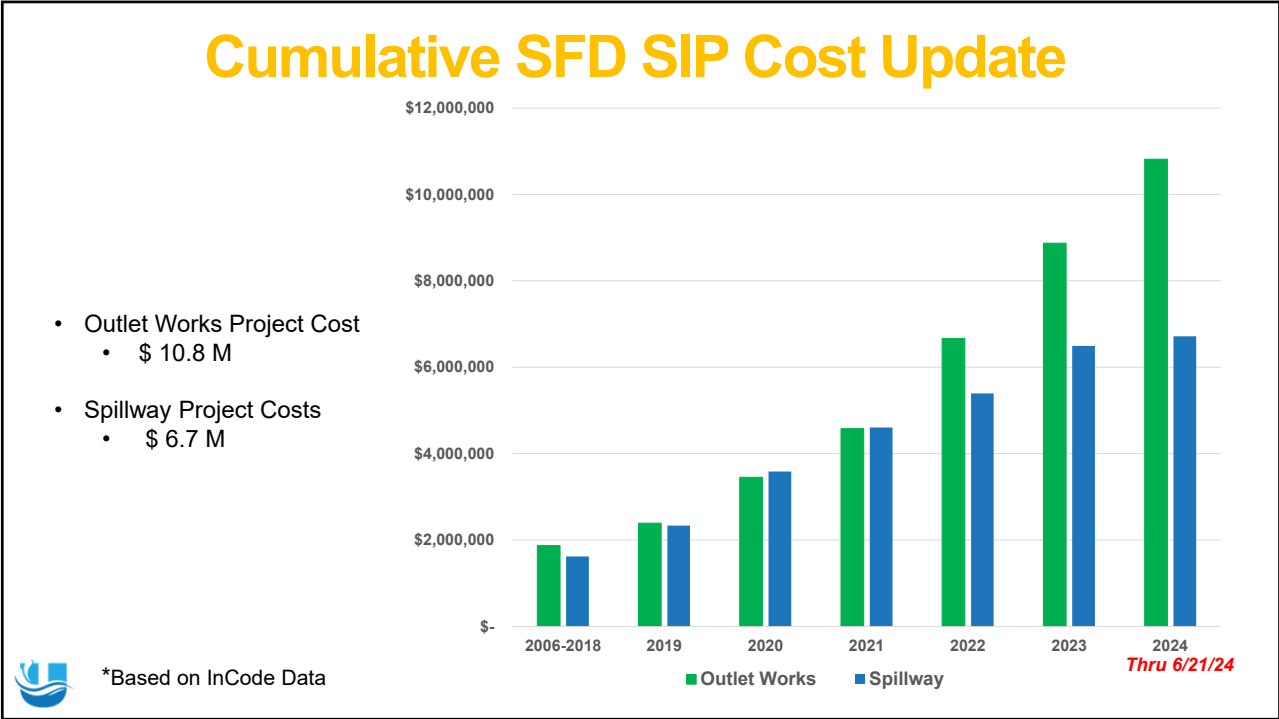
The meeting was adjourned at 11:05 a.m.


I certify that the above is a true and correct copy of the minutes of the UWCD Engineering and Operations Committee Meeting of July 3, 2024.

ATTEST:



Chair Lynn E. Maulhardt






C. REGULATORY AND ENVIRONMENTAL COMPLIANCE

Motion Item 3.2


90% Design, 100% Design, and Bid Phase Support Services for the Santa Felicia Dam Spillway Improvement Project

Authorize the General Manager to Execute an Agreement with GEI Consultants
 Not to Exceed **\$2,154,576**

- Scope of Work:**
 - Final Analyses and Design Documents
 - Bid Phase Support Services
- Contract Fee:**
 - \$1.3M allocated in FY 2024/25 CIP budget
 - Remaining fees to be included in FY 2025/26 and FY 2026/27
- Contract Terms:**
 - Expiration: June 30, 2028.



19 ft Drop in Elevation



C. REGULATORY AND ENVIRONMENTAL COMPLIANCE

Motion Item 3.2

Authorize the General Manager to Execute an Agreement with GEI Consultants for the 90% Design, 100% Design and Bid Phase Support Services for the Santa Felicia Dam Spillway Improvement Project

| Proposed Fee | | Proposed Schedule | | | | | | | | | | | | | | | |
|------------------------------|-----------------|---|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|
| | | 2024 | | 2025 | | | | 2026 | | | | 2027 | | | | 2028 | |
| Task | Fee Breakdown | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 |
| 90% Design | \$ 1,079,756.00 | █ | █ | █ | █ | | | | | | | | | | | | |
| 100% Design | \$ 681,141.00 | | | | | █ | █ | █ | █ | | | | | | | | |
| Final Bid Documents | \$ 107,397.00 | | | | | | | | █ | █ | █ | █ | █ | | | | |
| Bid Phase Support Services | \$ 86,282.00 | | | | | | | | | | | | | | █ | █ | |
| Contingency | \$ 200,000.00 | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ |
| Total \$ 2,154,576.00 | | Design Contract Term: Jul 2024 - June 2028 | | | | | | | | | | | | | | | |

Notes

- Construction Manager procurement anticipated in early 2025.
- Construction groundbreaking anticipated to tentatively start in November of 2028.



ENGINEERING DEPARTMENT Monthly Update July 3, 2024

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C. REGULATORY AND ENVIRONMENTAL COMPLIANCE

Santa Felicia Dam Safety Improvement Project

- Final Design *PFMA Report submitted to FERC on June 7
- E&I Workshop with Consultant on June 1
- On Site Constructability Review on May 23

Mass excavation with 3 intermediate benches. Assume medium excavator (e.g. CAT 323 Tier 4/Stage 5 or CAT 335). A refinement would be to bend the benches to better align with the contours.

Add doorway

Relocate to highest point

"Up Down" stairways can be eliminated (Qty = 2)

NW Stairway

SE Stairway becomes optional or can be relocated

*Potential Failure Mode Analysis

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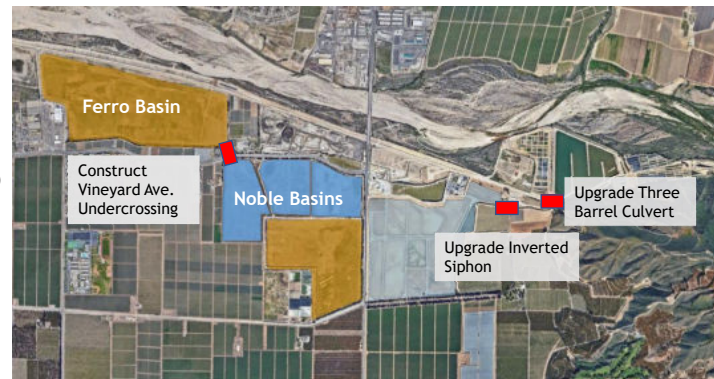
Santa Felicia Dam Safety

- Call Down Drill – June 19
- Department of Water Resources Functional Exercise – June 6
- Division of Safety of Dams Inspection - June 5



Freeman Conveyance System Upgrade


- Three Barrel Culvert Repl.**
 - 100% Design
 - Permitting w/ USACE and Ventura County
- Inverted Siphon Repl.**
 - Notice to Proceed was issued to Contractor to begin Construction on July 15
 - Construction duration from July to October
- Vineyard Ave Undercrossing**
 - 60% Design
 - Permitting with Caltrans ongoing



A. WATER SUPPLY

PTP Recycled Water Connection - Laguna Road Pipeline Project Phase 1

- ❑ 100% design packet under review for:
 - Consistency
 - Constructability
 - Biddability
- ❑ Tentative Project Schedule:
 - July: Advertise for Bids
 - September: Award Construction Contract
 - October: Begin Construction



Looking North on Laguna Road near the current terminus turnout for the Pumping Trough Pipeline (PTP)

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B. SYSTEM RELIABILITY

PTP Metering Improvement Project

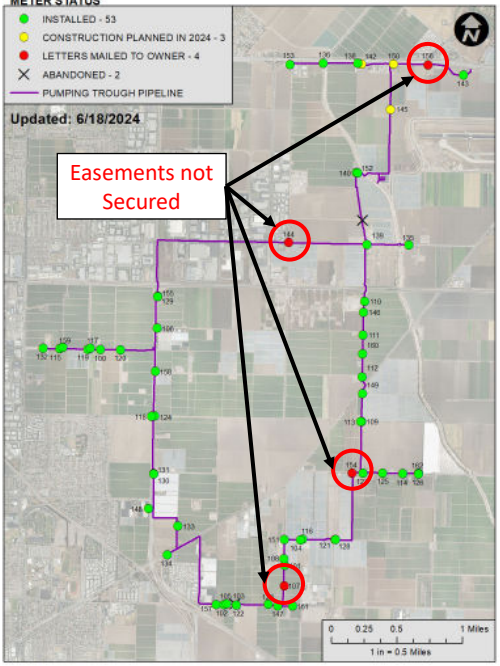
| Item | Status | Completion |
|--------------------|--------------|------------|
| Installed | 53 out of 60 | 88% |
| Easements Obtained | 36 out of 40 | 90% |

| Outstanding Easements | |
|---------------------------------|------------|
| Unresolved Property Title Issue | #107 |
| Owner Non-Responsive | #144 |
| Owner Refuses to Sign | #154, #156 |

Incompletion may Jeopardize \$635,059 in Grant Funds

METER STATUS
● INSTALLED - 53
● CONSTRUCTION PLANNED IN 2024 - 3
● LETTERS MAILED TO OWNER - 4
✕ ABANDONED - 2
— PUMPING TROUGH PIPELINE

Updated: 6/18/2024

Easements not Secured


0 0.25 0.5 1 Miles
 1 in = 0.5 Miles

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 A. WATER SUPPLY

EBB Water – Phase 1

- ❑ **Monitoring Wells Construction**
 - Status as of June 25:
 - 12 Well Casings Constructed (Semi-perched, Oxnard, Fox Canyon)
 - 9 Well Casings Remaining (Oxnard, Mugu)

- ❑ **Grant Funding Programs**
 - FY 2024 Office of Local Defense Community Cooperation Defense Community Infrastructure Program (DCIP) application was submitted on June 17 **requesting \$20 million.**
 - Support letters included in the DCIP application:
 - Naval Base of Ventura County
 - Congresswoman Julia Brownley
 - Supervisor Kelly Long
 - Supervisor Janie Parvin
 - Supervisor Matt LeVere
 - Supervisor Vianey Lopez
 - Pleasant Valley County Water District
 - Ventura County Coalition of Labor, Agriculture and Business



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 F. COMMUNICATIONS AND COMMUNITY OUTREACH

Public Outreach



June 13 - ACE24 Conference - Transforming Our Water Future



June 6 – DWR Functional Exercise



May 22 – SAME 2024 Business Opportunities Conference



June 7 – NBVC Change of Command Ceremony



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ENVIRONMENTAL SERVICES DEPARTMENT UPDATE

July 3, 2024



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Updates

Santa Felicia Dam FERC compliance:

- End of final season of downstream fish passage feasibility study
- Completed 13 snorkel surveys



Freeman Diversion:

- Critical riffle data collection
- Four fish recorded in fish ladder in May
- Submitted USBR WaterSMART grant application



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OPERATIONS AND MAINTENANCE DEPARTMENT UPDATE



July 3, 2024

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Santa Felicia Dam



2

Freeman Diversion



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3

El Rio WTGRF



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El Rio WTGRF



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El Rio WTGRF/OH Pipeline



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Questions?

