



**SPECIAL BOARD MEETING AGENDA
TRABUCO CANYON WATER DISTRICT
32003 DOVE CANYON DRIVE, TRABUCO CANYON, CALIFORNIA
ADMINISTRATIVE FACILITY
JANUARY 7, 2026 AT 9:30 AM (or as soon thereafter)**

NOTICE OF SPECIAL BOARD MEETING

NOTICE IS HEREBY GIVEN PURSUANT TO GOVERNMENT CODE SECTION 54956 THAT A SPECIAL MEETING OF THE BOARD OF DIRECTORS OF THE TRABUCO CANYON WATER DISTRICT WILL BE HELD ON WEDNESDAY, JANUARY 7, 2026, AT 9:30 A.M. (OR AS SOON THEREAFTER) AND WILL BE CONDUCTED IN PERSON BUT WILL BE AVAILABLE FOR PUBLIC MONITORING BY TELEPHONE AUDIO AS DESCRIBED BELOW.

BOARD OF DIRECTORS

Mark Anderson, President
Glenn Acosta, Vice President
John Horst, Director
Edward Mandich, Director
Michael Safranski, Director

DISTRICT STAFF

Larry McKenney, General Manager
Michael Perea, Assistant General Manager/District Secretary
Ian Berg, District Treasurer
Hanson Bridgett LLP, District General Legal Counsel

AGENDA NOTE:

Trabuco Canyon Water District (District) will make this Regular Board Meeting available by telephone audio as follows:

Telephone Audio: 1 (669) 900-6833 (Toll Free) **Access Code:** 964-7642-1987

Persons desiring to monitor the Board meeting agenda items may download the Board meeting agenda and documents on the internet at www.tcwd.ca.gov. You may submit public comments by email to the Board at mperea@tcwd.ca.gov. In order to be part of the record, emailed comments on meeting agenda items must be received by the District, at the referenced e-mail address, not later than 8:00 a.m. (PDT) on the day of the meeting.

CALL MEETING TO ORDER & PLEDGE OF ALLEGIANCE

VISITOR PARTICIPATION

Members of the public wishing to address the Board regarding a particular item on the agenda are requested to submit public comments by email to the Board at mperea@tcwd.ca.gov. Public comments may also be submitted by teleconference during the meeting. The Board President will call on the visitor following the Board's discussion about the matter. Members of the public will be given the opportunity to speak prior to the Board taking action on that item. For persons desiring to make verbal comments and utilizing a translator to present their comments into English reasonable time accommodations, consistent with State law, shall be provided. Please limit comments to three minutes.

ORAL COMMUNICATION

Members of the public who wish to comment on matters not appearing on the agenda are requested to submit oral communication by email to the Board at mperea@tcwd.ca.gov. Public comments may also be submitted by teleconference during the meeting. Under the requirements of State Law, Directors cannot act on items not identified on the agenda and will not make decisions on such matters. The Board President may direct District Staff to follow up on issues as may be deemed appropriate. For persons desiring to make verbal comments and utilizing a translator to present their comments into English reasonable time accommodations, consistent with State law, shall be provided. Please limit comments to three minutes.

DIRECTOR COMMENTS AND MEETING REPORTS

REPORT FROM THE GENERAL MANAGER

ACTION CALENDAR

All matters under the Action Calendar have been reviewed by the Assistant General Manager and Staff prior to the Board's consideration.

ENGINEERING MATTERS

ITEM 1: DIMENSION WATER TREATMENT PLANT TRANSMISSION MAIN REHABILITATION PROJECT – APPROVAL OF PHASE 2A CONTRACT CHANGE ORDER

RECOMMENDED ACTION(S):

Authorize the General Manager to approve a contract change order for the Dimension Water Treatment Plant Transmission Main Rehabilitation Project – Phase 2A to TE Roberts in the not-to-exceed amount of \$915,998.

ITEM 2: DOVE & TICK CREEK PUMP STATION IMPROVEMENTS - AWARD OF PROFESSIONAL SERVICES CONTRACT - GRANT FUNDED PROJECT

RECOMMENDED ACTION(S):

Authorize the General Manager to award a professional services contract for the Dove and Tick Creek Pump Station Improvements to AKM Consulting Engineering in the amount of \$511,412 plus a 10% contingency of \$51,141, for a not-to-exceed amount of \$562,553.

CLOSED SESSION(S):

PUBLIC EMPLOYEE PERFORMANCE EVALUATION (Gov. Code § 54957) - TITLE: GENERAL MANAGER

Pursuant to California Government Code Sections 54957(b) and 54954.5(e), the Board will meet in Closed Session to review and discuss confidential information concerning the District's General Manager (Public Employment)

RETURN TO OPEN SESSION

ITEM 3: REPORT OF ACTION(S) TAKEN IN CLOSED SESSION

RECOMMENDED ACTION(S):

Provide announcement(s) of any action(s) taken in Closed Session(s), if any.

ADDITIONAL DIRECTORS' COMMENTS

Additional reports or comments from Directors

END ACTION CALENDAR & ADJOURNMENT

AVAILABILITY OF AGENDA MATERIALS

Agenda exhibits and other writings that are disclosable public records distributed to all or a majority of the members of the Trabuco Canyon Water District Board of Directors in connection with a matter subject to discussion or consideration at an open meeting of the Board of Directors are available for public inspection at the Trabuco Canyon Water District Administrative Facility, 32003 Dove Canyon Drive, Trabuco Canyon, California (District Administrative Facility) and will be posted online on the District's website located at www.tcwd.ca.gov. If such writings are distributed to members of the Board less than 72 hours prior to the meeting, they will be available online at www.tcwd.ca.gov at the same time as they are distributed to the Board Members, except that, if such writings are distributed immediately prior to or during the meeting, they will be posted online on the District's website located at www.tcwd.ca.gov.



**TRABUCO CANYON WATER DISTRICT
SPECIAL BOARD MEETING AGENDA | JANUARY 7, 2026**

COMPLIANCE WITH THE REQUIREMENTS OF CALIFORNIA GOVERNMENT CODE SECTION 54954.2

In compliance with California law and the Americans with Disabilities Act, if you need special disability-related modifications or accommodations, including auxiliary aids or services in order to participate in the meeting, or if you need the agenda provided in an alternative format, please contact the District Secretary at (949) 858-0277, at least 48 hours in advance of the scheduled Board meeting. Notification at least 48 hours prior to the meeting will assist the District in making reasonable arrangements to accommodate your request. The Board Meeting Room is wheelchair accessible.

FUTURE SCHEDULED REGULAR BOARD MEETINGS OF THE BOARD OF DIRECTORS

Upcoming Regular Meetings of the Board are expected to be held at the District Administrative Facility (Board Meeting Room) located at 32003 Dove Canyon Drive, Trabuco Canyon, California 92679 and are currently scheduled as follows:

January 21, 2026 | February 18, 2026 | March 18, 2026



**TRABUCO CANYON WATER DISTRICT
SPECIAL BOARD MEETING | JANUARY 7, 2026**

ENGINEERING MATTERS

ITEM 1: DIMENSION WATER TREATMENT PLANT TRANSMISSION MAIN REHABILITATION PROJECT – APPROVAL OF PHASE 2A CONTRACT CHANGE ORDER

Background

Trabuco Canyon Water District (TCWD or District) owns and operates the Dimension Water Treatment Plant (DWTP) in the City of Lake Forest. The DWTP receives raw untreated water via a connection to the SAC line and filters and treats up to 6 cubic feet per second (CFS) of drinking water for TCWD customers. The Board of Directors awarded two construction contracts to TE Roberts Construction (Contractor) for the first phase (Phases 1A & 1B) of the DWTP transmission main rehabilitation project at the June 18, 2025 Regular Board Meeting. In conjunction with structural work on Filter No. 4 within DWTP (completed October 9, 2025), the project will restore operations for the District’s most reliable and cost-effective drinking water supply source.

Project Status Update

Attached for Board review is the November monthly construction report from Butier (Exhibit 1). Construction for Phase 1A has been completed. Phase 1B continued through the month of November with approximately 1,000 LF of Pipe Bursting activities, along with videos of the upstream sections, pit excavations and connections. The contractor is currently installing 1,000 LF per week of 16” PVC Pipe via the pipe bursting method. The open cut pipe installation and connection will be constructed after the pipe bursting is completed.

District staff was asked to continue the project design and have requested a proposal from Hazen for the analysis and recommendations for Phase 2 (Exhibit 1).

District staff discussed with the Committee the potential acceleration of a portion of the Phase 2 project scheduled for winter 2026-27 (approximately 1,800 LF of pipe bursting on the northerly portion of the project area) due to the efficient construction progress thus far. The table below quantifies the projected construction costs starting in February 2026 as opposed to February 2027. Completing the project now has advantages of efficiency, holding current bid prices, and spending less time on more expensive imported water from the IRWD/Ridgeline connection. These efforts would have the potential to save the District approximately \$485,000 as demonstrated in the following:

February 2026				
<u>Item No.</u>	<u>Item</u>	<u>Quantity</u>	<u>Unit</u>	<u>Total</u>
1	Contract (1)	1	LS	\$915,000
2	IRWD/RL Water Delivery (2) (3)	1	Month	\$135,000
			Total:	\$1,050,000
(1) Holding Bid Pricing except for increase in AC due to City Permitting Requirements				
(2) Based on rates effective January 2026; DWTP vs. IRWD Water = \$866/ AF Premium				
(3) Based on a 5-yr avg of 1950/AF=163 AF/month				
February 2027				
<u>Item No.</u>	<u>Item</u>	<u>Quantity</u>	<u>Unit</u>	<u>Total</u>
1	Contract (1)	1	LS	\$1,235,250
2	IRWD/RL Water Delivery (2) (3)	2	Month	\$300,000
			Total:	\$1,535,250
(1) Includes mob/demob, construction material increase, higher cost/LF due to low quantity of pipe=+35%				
(2) Based January 2027 with an assumed 6% increase; DWTP vs. IRWD Water = \$918/ AF Premium				
(3) Based on a 5-yr avg of 1950/AF=163 AF/month				

**TRABUCO CANYON WATER DISTRICT
SPECIAL BOARD MEETING | JANUARY 7, 2026**

District staff recommends the approval and authorization of the attached contract change order to proceed with this portion of the Project Phase 2A replacement of 1,800 LF of pipeline for a not-to-exceed amount of \$915,988. More information may be provided at the time of the meeting.

FUNDING SOURCE:

Capital Improvement Program

FISCAL IMPACT (FY25/26):

FY 2025-26 Project Budget:	\$7,000,000
Phase 1A & 1B Contract with TE Roberts (Incl. 10% Contingency):	\$6,065,902
FY 2025-26 Remaining Budget:	\$ 934,098

COMMITTEE STATUS:

This matter was reviewed with the Engineering/Operational Committee.

RECOMMENDED ACTION:

Authorize the General Manager to approve a contract change order for the Dimension Water Treatment Plant Transmission Main Rehabilitation Project – Phase 2A to TE Roberts in the not-to-exceed amount of \$915,998.

EXHIBITS:

1. Hazen Phase 2 Design Proposal
2. Pipeline Change Order Exhibit

CONTACTS (staff responsible): PEREA/LAUSTEN



Hazen and Sawyer
7700 Irvine Center Drive, Suite 200
Irvine, CA 92618

November 5, 2025

Ms. Lorrie Lausten, P.E.
District Engineer
Trabuco Canyon Water District
32003 Dove Canyon Drive
Trabuco Canyon, CA 92679

Subject: Proposal for Transmission Main Rehabilitation Support – Phase 2 Evaluation

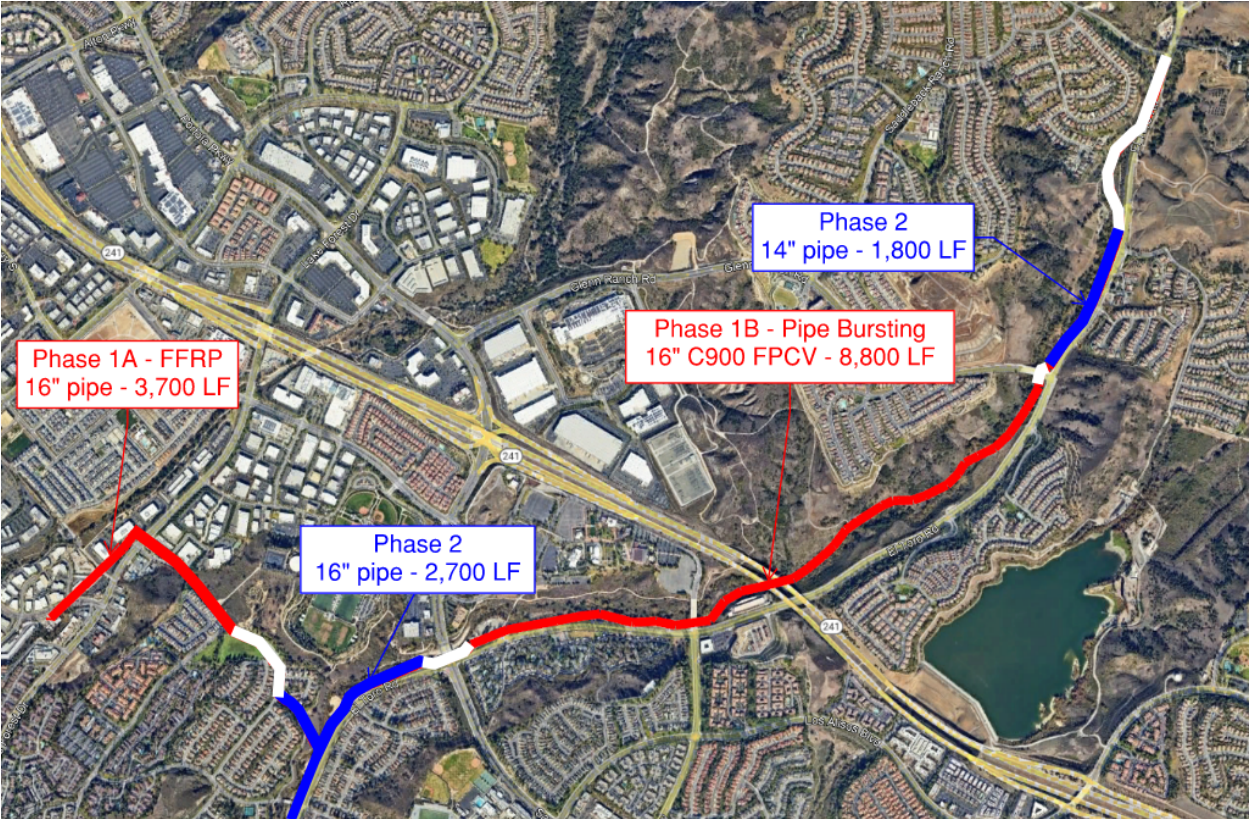
Dear Lorrie:

Construction is underway on Phase 1 of the rehabilitation of the DWTP transmission main. We look forward to providing continued support to the District and construction team, while also developing a plan to implement the Phase 2 improvements.

Phase 2 will consist of rehabilitating or replacing approximately 4,500 LF of 16” CML&C welded steel TCWD transmission main in three different portions:

1. From the 16” butterfly valve along Regency Lane just south of Brighton Lane (installed as part of the 1998 T.T. 14069 Water Relocation Plan, through the an undeveloped ravine on the north side of the homes along Pembroke Lane to Aliso Creek Bikeway, to the 16” WSP elbow on the west side of Portola Parkway (installed as part of the 1989 Watermain Relocation- El Toro Road at Portola Parkway Project).
 - This portion of the pipeline was deferred to Phase 2 due to:
 - the topographic relief and environmental sensitivity of Aliso Creek.
 - An environmental assessment and associated permitting will be required.
2. Pipe connecting from Section 1 above within the Aliso Creek Bikeway to a tie-in connection west of El Toro Road before crossing into a residential neighborhood between Larchmont Drive and Cranbridge Drive for an intertie connection. This was deferred since it had direct connection to Section 1.
3. From the 14” WSP elbow on the north side of Glenn Ranch Road (shown in the 1989 Sewer Main Relocations at El Toro and Glenn Ranch Road Project) to the southern 24” butterfly valve on the north side of the El Toro and Walley Vista Way intersection (installed as part of the 1986 Improvement Plans for El Toro Road Project).
 - This portion was determined to be in good enough condition to delay its replacement until Phase 2.

The approximate limits of the Phase 1 and Phase 2 improvements are shown.



The scope of work and project budget are shown in the following sections.

Scope of Work

The scope of work for this analysis will include the following:

- Task 1 - Phase 2 Rehabilitation Analysis and Tech Memo (T&M, not to exceed)
 - An alternatives analysis will be performed to evaluate the most feasible and constructible approach for completing these three portions as part of Phase 2, considering trenchless versus open-cut methods, environmental constraints, and schedule impacts. This scope will include:
 - Alternatives alignment and rehab analysis, including check of hydraulics
 - Tech Memo
 - Assumptions:

- The three defined sections (Regency Lane to Portola Parkway, Aliso Creek Bikeway intertie, Glenn Ranch to Valley Vista Way) will be included in this analysis.
- Topographic survey information available from Phase 1 and District records is assumed sufficient for analysis.
- TM will identify potential permitting needs and constraints.
- Constructability assumptions are based on known soil/groundwater conditions from adjacent or recent projects.
- Hydraulic analysis will assume existing pump station operations and pressure with rehabilitated conditions.
- Planning level cost estimates will be Class 4 from Phase 1 bids and industry references.
- Construction schedule assumptions will be based on typical trenchless and open-cut durations.

Fee

The fee associated with this proposal is included on the attached table.


Should you have any questions or comments with regards to this letter, please feel free to contact me at (949) 351-4559 or tyokoyama@hazenandsawyer.com.

Sincerely,

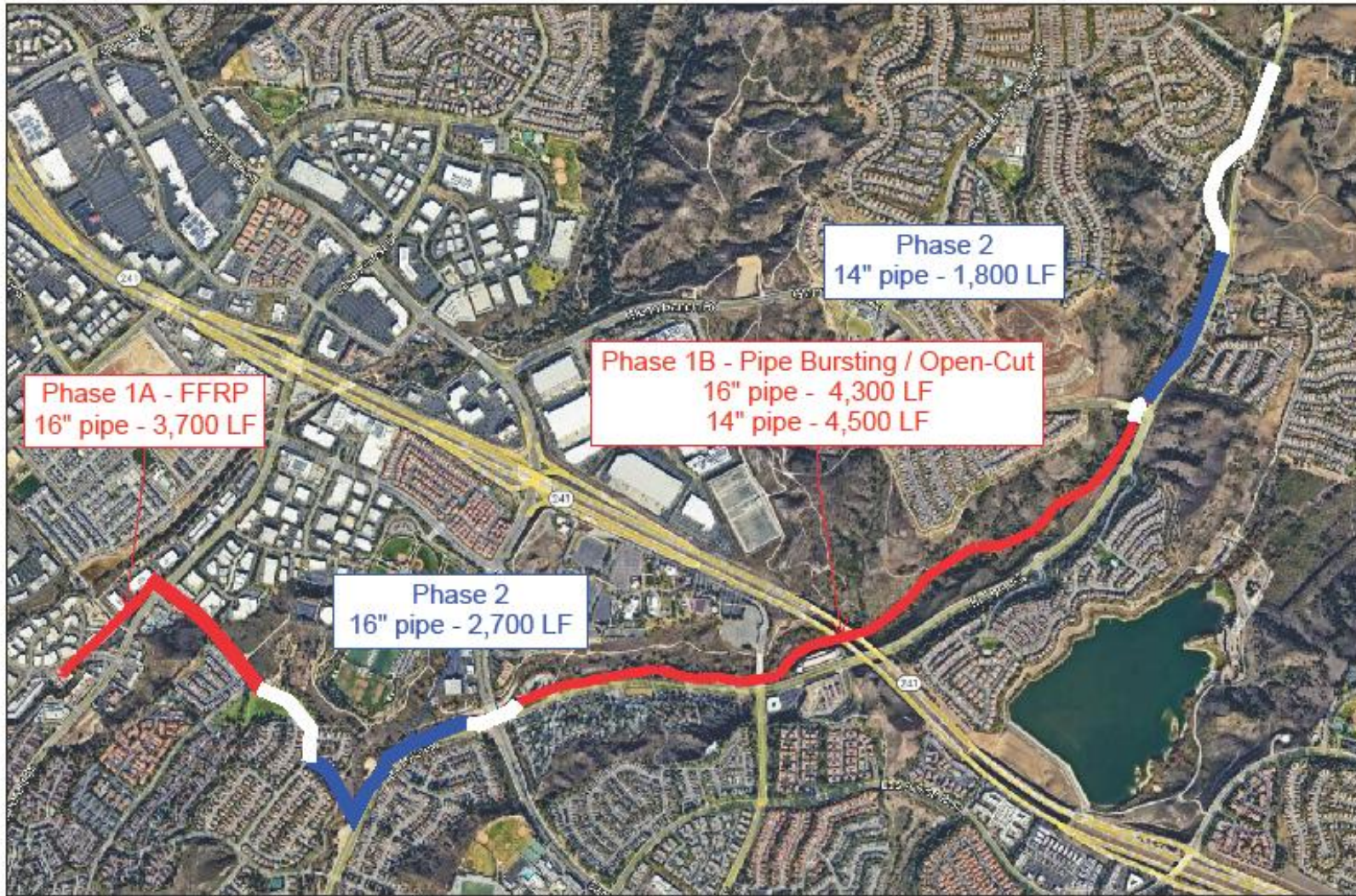


Tori Yokoyama, PE
Associate Vice President

Fee Schedule
 Trabuco Canyon Water District
 Transmission Main Rehabilitation Analysis

	Hazen and Sawyer									
	Principal-in-Charge	Project Manager	Technical Advisor/ QAQC	Principal Engineer	Assistant Engineer	Cost Estimator				
	\$350	\$340	\$320	\$230	\$185	\$330				
							TMH	Labor	ODC	Total
Task 1 - Phase 2 Rehab Analysis and Bid Package (T&M, NTE)										
Rehab Analysis	4	20	12	80	120	20	256	\$59,240	\$0	\$59,240
Tech Memo	4	10	4	40	40	8	106	\$25,320	\$0	\$25,320
TASK 1 TOTAL	8	30	16	120	160	28	362	\$84,560	\$ -	\$ 84,560
GRAND TOTAL	8	30	16	120	160	28	362	\$84,560	\$0	\$84,560

TRABUCO CANYON WATER DISTRICT DWTP Transmission Main Rehabilitation – Phase 2A



TRABUCO CANYON WATER DISTRICT

DWTP Transmission Main Rehabilitation – Phase 2A

DIMENSION WATER TREATMENT PLANT TRANSMISSION MAIN REHABILITATION - PHASE 2A- PIPE BURSTING

Orig Bid Item	Description	Quantity	Unit	Unit Cost	Total Cost
1	Mobilization / Demobilization	1	LS	\$126,000.00	\$0.00
2	Traffic Control	1	LS	\$8,400.00	\$8,400.00
3	Sheeting, Shoring, and Bracing	1	LS	\$22,400.00	\$22,400.00
4	Water Pollution Control	1	LS	\$23,810.00	\$23,810.00
5	Pre-Rehabilitation Cleaning and Inspection	1,800	LF	\$10.00	\$18,000.00
8	Replace 14-inch CML&C steel with 16-inch DR 18 C900 PVC using pipe bursting (includes pits)	1,800	LF	\$271.00	\$487,800.00
-	Replace Existing 6" Service To FH and Customer (1)	1	EA	\$15,000.00	\$15,000.00
13	Remove Existing Appurtenance/Fitting/Valve (no replacement) in Existing Unpaved Area	2	EA	\$7,650.00	\$15,300.00
14	Final Paving (bike trail) (2)	6,000	SF	\$9.00	\$54,000.00
15	Record Documents	1	LS	\$8,788.00	\$8,788.00
18	Allowance: Replace Existing 14-inch CML&C Steel with 16-inch DR 18 C900 restrained joint PVC by open-cut construction (3)	500	LF	\$325.00	\$162,500.00
19	Allowance for unforeseen changes to the scope (paid only with District approval) (4)	1	LS	\$100,000.00	\$100,000.00
			TOTAL :		\$915,998.00

(1) Item is TBD but based on similar connections on Phase 1B

(2) Unit Cost is based on Permit requirements from the Agencies & on full bike lane replacement. Quantity is an estimate only.

(3) Allowance item to be utilized in open cut construction. This item offsets pipe-bursting cost.

(4) Allowance item for unforeseen conditions

**TRABUCO CANYON WATER DISTRICT
SPECIAL BOARD MEETING | JANUARY 7, 2026**

ENGINEERING MATTERS

ITEM 2: DOVE & TICK CREEK PUMP STATION IMPROVEMENTS – AWARD OF PROFESSIONAL SERVICES CONTRACT – GRANT FUNDED PROJECT

Dove and Tick Creek Pump Stations are important components of Trabuco Canyon Water District’s (District) Dry Season Water Recovery Program (Exhibit 1). These pump stations, located at the south end of Dove Canyon Development, capture urban runoff and convey it to Dove Lake, where it is blended with tertiary water for use in the District's recycled water system to offset reliance on potable water for irrigation purposes.

The planned Dove and Tick Creek Pump Station Improvements will upgrade the Dove and Tick Creek Pump Stations to increase capture of both dry weather runoff and stormwater (wet weather flows) to produce 200 Acre-Feet per Year (AFY) of new non-potable water.

These improvements will double the current amount of captured runoff by upgrading the pump stations with larger pumps capable of handling debris and moving a greater volume of water. Additionally, the project improvements will result in expanding the area of captured flow, improving debris capture, and improving the storm drain overflow to prevent flooding and damage to equipment. These improvements will increase the volume of water that can be conveyed through the system above current capacities. The project also includes a new desilting basin to improve water quality prior to blending. By reducing dry weather flows, the project will also provide ecosystem benefits to downstream native habitat, as urban runoff carries nitrates and other pollutants downstream and disperses nonnative seeds and vegetation, which negatively impacts Audubon Society's 4,000-acre Starr Ranch Sanctuary.

The District has received the following grants for the project:

- South OC-Prop 1 IRWM - \$389,500 – 50% match required
- USBR WaterSMART Drought Resiliency Program – \$577,584 – 50% match required from a Non-Federal Source

On November 20, 2025, the District received two proposals for the design and environmental work for the Project (Exhibit 2). Staff have evaluated proposals, conducted interviews with each firm, and revised the project to negotiate lower design and environmental services costs. Each proposer was able to cut 15-20% of design fee with the new scope, while still meeting the requirements and goals of the grant reimbursement. Staff will be completing a smaller portion of the work not detailed in the grant with an outside contractor. District staff recommends the approval of the professional services contract with AKM Consulting Engineering for the project design and environmental work. More information may be provided at the time of the meeting.

FUNDING SOURCE:

Capital improvement Program

FISCAL IMPACT (PROJECT BUDGET):

FY 2025-26 Project Budget:	\$1,119,400
Engineering Design & Environmental Contract:	\$ 562,553
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FY 2025-26 Remaining Budget:	\$ 556,847
Total Project Grants Awarded -	\$ 967,084

ENVIRONMENTAL COMPLIANCE:

TBD

COMMITTEE STATUS:

This matter was reviewed with the Engineering/Operational Committee.

**TRABUCO CANYON WATER DISTRICT
SPECIAL BOARD MEETING | JANUARY 7, 2026**

RECOMMENDED ACTION:

Authorize the General Manager to award a professional services contract for the Dove and Tick Creek Pump Station Improvements to AKM Consulting Engineering in the amount of \$511,412 plus a 10% contingency of \$51,141, for a not-to-exceed amount of \$562,553.

EXHIBIT(S):

1. Project Overview
2. Proposal Evaluation-Revised

CONTACTS (staff responsible): PEREA/LAUSTEN

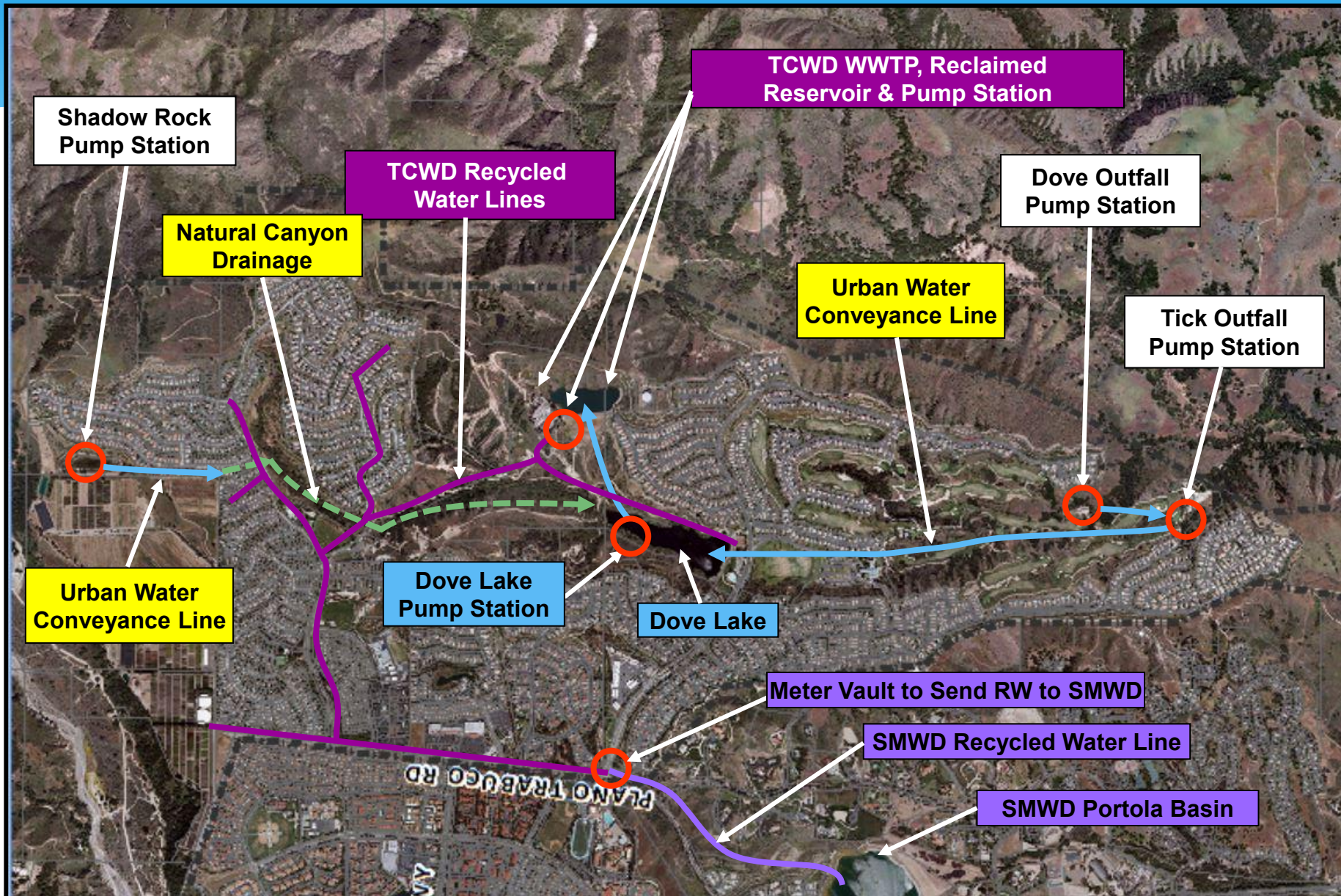
TRABUCO CANYON WATER DISTRICT

Runoff Capture and Reuse Upgrades at Dove Canyon & Tick Creek Pump Stations



Dove Lake

RECYCLED/RECLAIMED WATER SYSTEM



DOVE & TICK CREEK IMPROVEMENTS

Runoff Capture and Reuse Upgrades at Dove Canyon & Tick Creek Pump Stations

PURPOSE:

Expand and improve the Dove Outfall Pump Station and Tick Outfall Pump Station to increase capture of dry weather runoff and stormwater to produce at least 200 AFY of new non-potable water.

APPROVED FUNDING:

- * South OC-Prop 1 IRWM - \$389,500 – 50% match required
- * USBR WaterSMART Drought Resiliency Program – \$577,584 – 50% match required from a non-Federal Source



PROPOSAL EVALUATION			
Design of Dove Creek & Tick Creek Pump Stations Improvement Project - RW-23-FY25			
Category	Weight	Score (1-100)	
		MKN	AKM
Project Approach/Scope of Services	40%	3	3
Project Approach, Understanding of the Scope of Work & Level of Effort on the Proposal		2	3
Qualifications and experience of the Proposer related to the services described in this RFP	20%	3	3
Team Expertise & Experience (Qualifications, Registrations, Licenses), including subconsultants		3	3
Proposer's understanding of the project and subject matter expertise	20%	2	3
Firms Experience on Similar Projects, Local Staffing			
Proposer's ability and available resources to perform the requested services	10%	2	3
Proposed project cost	10%	2	3
Total Weighted Score:	100%	2.4	2.7
Subconsultants			
Environmental/Geotechnical/Survey/Electrical		ESA, AESCO, Calvada	Ninyo & Moore, Kelsoe, Helix, Mark Balan
Labor *			
		MKN	AKM
Task 1 - Project Management		104	44
Task 2 - Environmental Study & Documents Preparation		100	66
Task 3 - Preliminary Design Phase		206	684
Task 4 - Construction Documents		744	294
Task 5 - Construction Bidding Assistance		86	32
Task 6 - Engineering Services During Construction		210	174
Task 7 - Additional Engineering Services		0	0
Total:		1,450	1,294
Budget			
		MKN	AKM
Task 1 - Project Management		\$ 29,310.00	\$ 10,818.00
Task 2 - Environmental Study & Documents Preparation		\$ 223,632.00	\$ 194,646.00
Task 3 - Preliminary Design Phase		\$ 74,105.00	\$ 193,691.00
Task 4 - Construction Documents		\$ 162,290.00	\$ 61,976.00
Task 5 - Construction Bidding Assistance		\$ 18,334.00	\$ 8,192.00
Task 6 - Engineering Services During Construction		\$ 46,501.00	\$ 42,089.00
Task 7 - Additional Engineering Services		\$ -	\$ -
Total:		\$554,172	\$511,412
\$/Manhour		\$ 382.19	\$ 395.22
* Labor hours do not include subconsultants			

* The environmental items will be on an as required bases per the project, contract not to exceed.

Subconsultants:

MKN: 1. ESA (Environmental), 2. AESCO (Geotechnical) 3. Calvada (Surveying)

AKM: 1. Ninyo & Moore (Geotechnical) 2. Kelsoe (Surveying) 3. Helix (Environmental) 4. Mark Balan (Electrical)

**TRABUCO CANYON WATER DISTRICT
SPECIAL BOARD MEETING | JANUARY 7, 2026**

DISCUSSION MATTERS

ITEM 3: REPORT OF ACTION(S) TAKEN IN CLOSED SESSION

RECOMMENDED ACTION:

Provide announcement of action(s) taken in Closed Session, if any.

CONTACTS (staff responsible): MCKENNEY/PEREA