



Engineering, Operations, & Technology Committee

San Diego Pipeline Nos. 3 & 5 Air Release/Vacuum Valve Replacement

Item 7-5

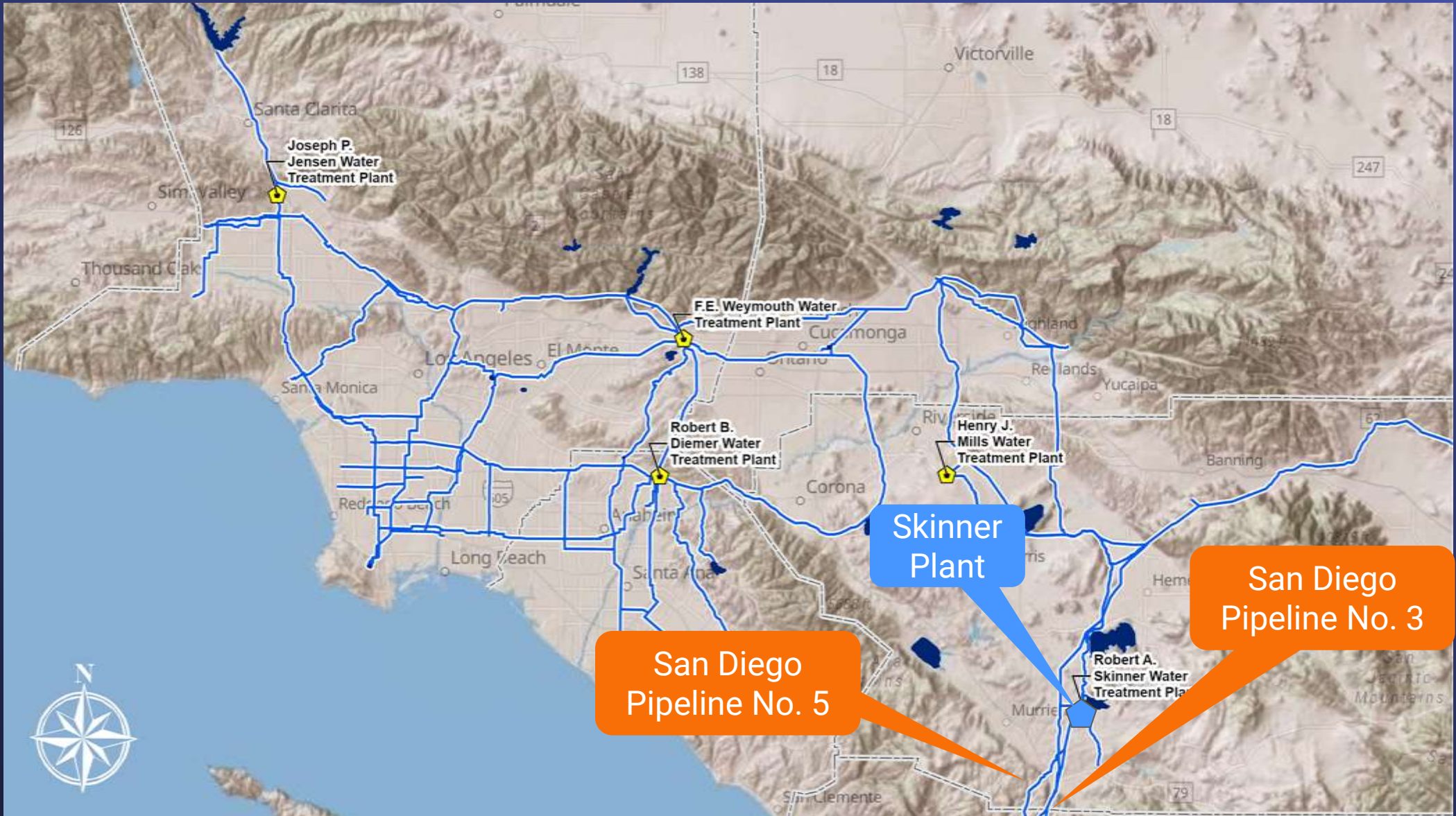
May 8, 2023

San Diego
Pipeline
Nos. 3 & 5
Air Release/
Vacuum Valve
Replacement

Current Action

- Award a \$1,466,665 procurement contract to B&K Valves & Equipment Inc. for 72 combination air release/vacuum valves to be installed on San Diego Pipeline Nos. 3 & 5

Distribution System



San Diego Pipeline Nos. 3 & 5 Air Release/ Vacuum Valve Replacement

Air Release/Vacuum Valves

- Air Release/Vacuum Valves (AR/VVs) used for proper operation
- Installed at pipeline high points
 - Air released when watered
 - Air introduced during dewatering
- AR/VVs on San Diego Pipeline No. 3 & No. 5 are original equipment
 - 60 years & 40 years old, respectively
 - Corroded
 - A total of 72 AR/VVs on pipeline require replacement



San Diego
Pipeline
Nos. 3 & 5
Air Release/
Vacuum Valve
Replacement

Scope of Work

- Procurement Contractor
 - Supply 72 AR/VVs
 - 8-inch & 10-inch diameters
- Metropolitan
 - Installation of AR/VVs during planned maintenance activities
 - Fabrication inspection
 - Submittal reviews
 - Project management

San Diego
Pipeline
Nos. 3 & 5
Air Release/
Vacuum Valve
Replacement

Alternatives Considered

- Alternative – Contractor installation of valves
 - More expensive option
- Selected Alternative – Metropolitan force installation
 - Installations can be scheduled during normal maintenance activities

Bid Results

Request for Bids No. 401784

Bids Received	December 13, 2022
No. of Bidders	1
Lowest Responsible Bidder	B&K Valve & Equipment Inc.
Low Bid	\$1,466,665
Range of Other Bids	N/A
Budgetary Estimate	\$1.2M - \$1.5M
SBE Participation*	N/A

*As a procurement contract, there are no subcontracting opportunities

Allocation of Funds

San Diego Pipeline Nos. 3 & 5

Metropolitan Labor

Owner Costs (Proj. Mgmt., Contract Admin., Envir. Support)	\$ 80,000
Fabrication Inspection & Support	50,000
Submittals Review, Tech. Support, Record Dwgs.	18,000

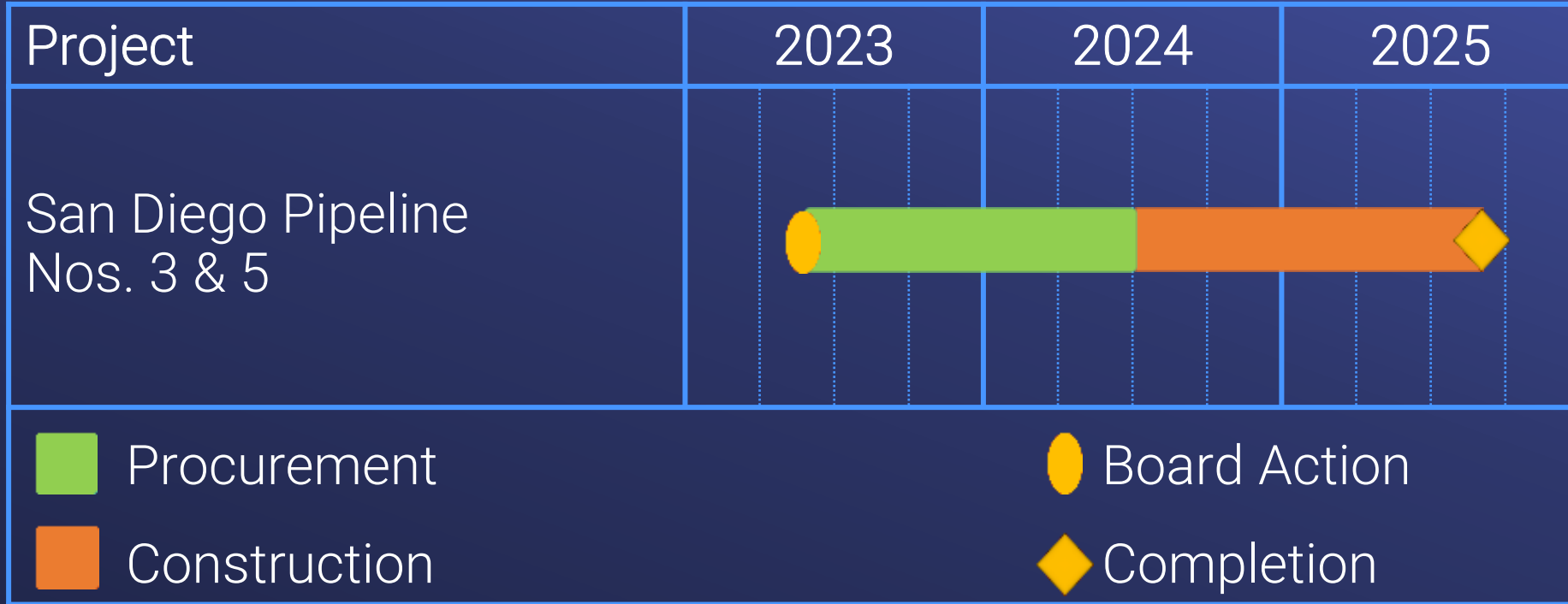
Contracts

B&K Valves & Equipment, Inc.	1,466,665
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Remaining Budget	85,335
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Total	\$ 1,700,000
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Project Schedule



Board Options

- Option #1
 - Award a \$1,466,665 contract to B&K Valves & Equipment Inc. for procurement of 72 replacement air release and vacuum valves for San Diego Pipeline Nos. 3 and 5.
- Option #2
 - Do not proceed with this project at this time.

Staff Recommendation

- Option #1

