



Engineering, Operations, & Technology Committee

Foothill Pump Station Intertie Valve Procurement

Item 8-1

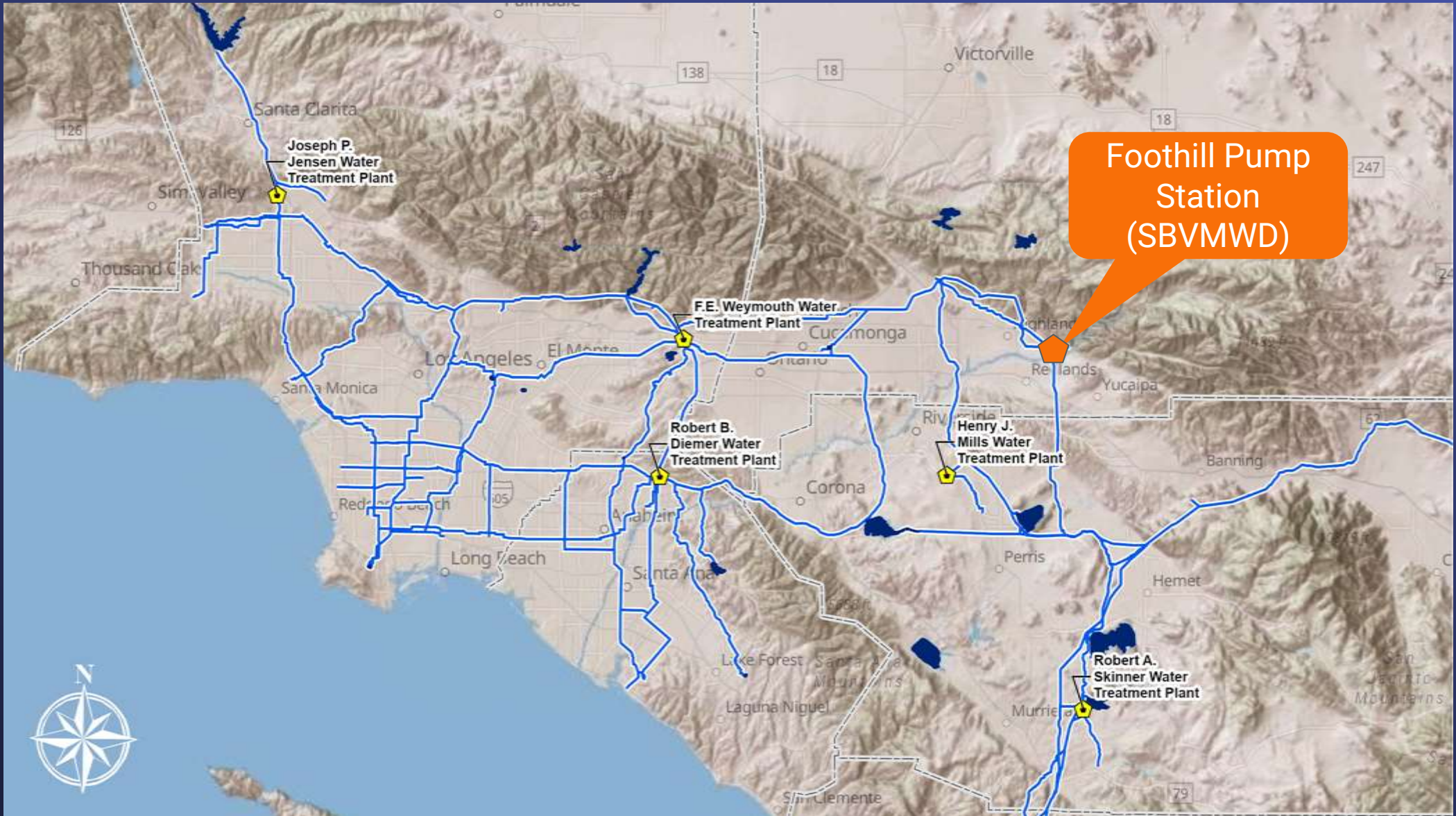
May 8, 2023

Foothill Pump Station Intertie Valve Procurement

Current Action

- Award a \$2,601,437 procurement contract to Sojitz Machinery Corporation of America for two 54-inch diameter butterfly valves to be installed at Foothill Pump Station Intertie
- Part of series of projects to improve supply reliability for State Water Project (SWP) dependent member agencies

Distribution System



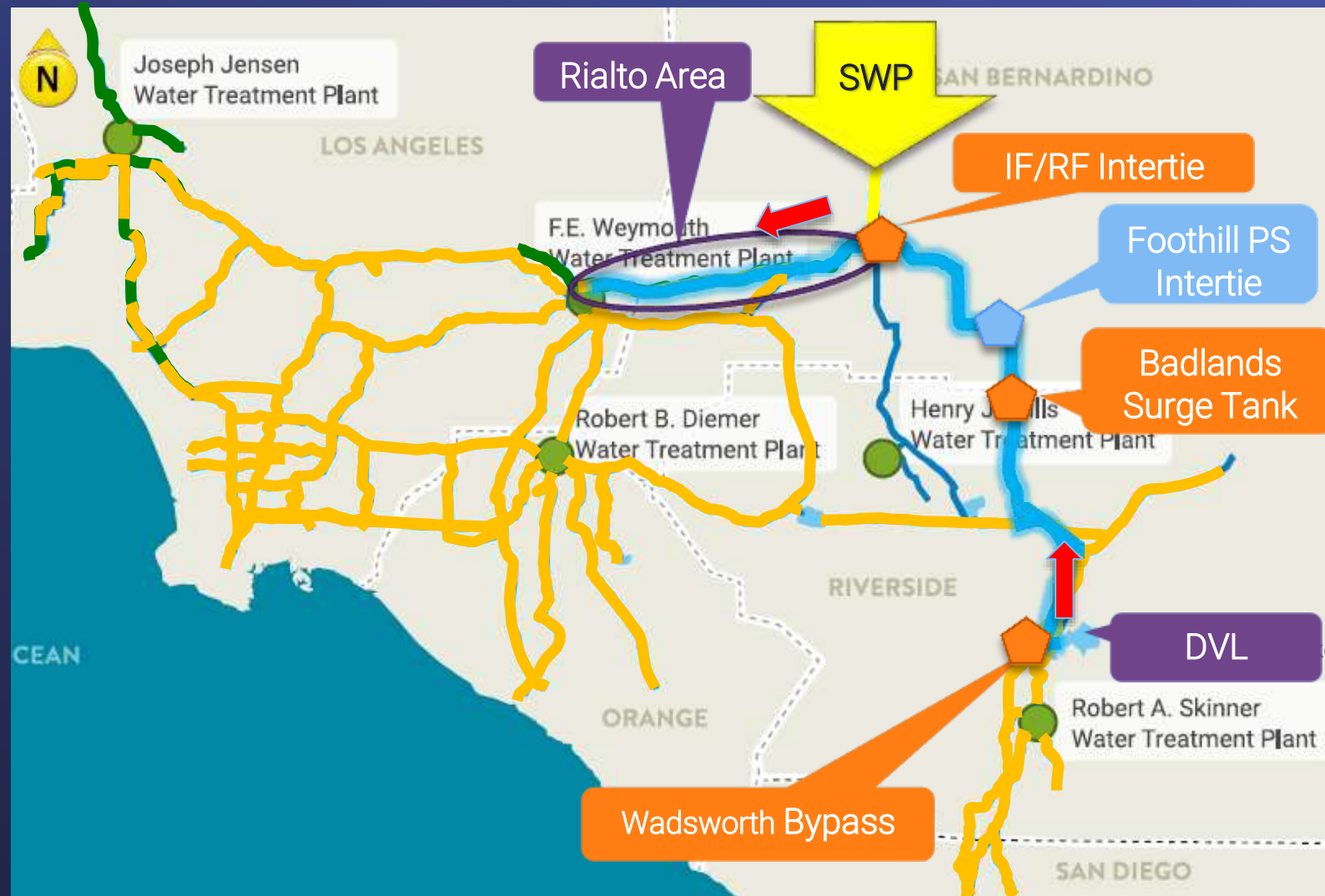
Background – On-going Water Supply Reliability Improvements

- Programs initiated to improve supply reliability of SWP dependent areas



Background-Rialto Area Water Supply Reliability Improvements

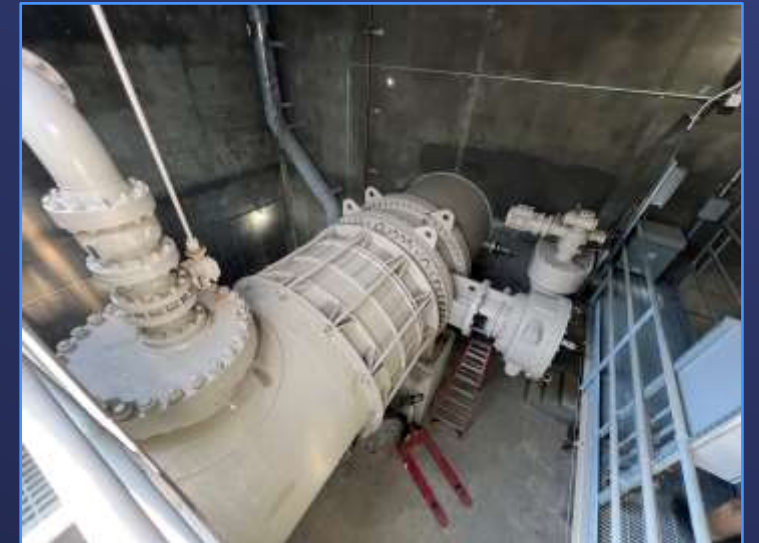
- Rialto Pipeline service area is dependent on SWP
- Rialto Pipeline Water Supply Improvements:
 - Wadsworth Bypass
 - Badlands Tunnel Surge Protection Facility
 - Foothill Pump Station Intertie
 - Inland Feeder Rialto Pipeline Intertie
- Valve procurement recommended at this time



Foothill Pump Station Intertie Valve Procurement

54-inch Valve Procurement & Installation

- Valves isolate & direct flow during operation
- Delivery of valves scheduled for early 2025
 - Fabrication & delivery can take up to two years
- Valves to be installed during Inland Feeder shutdown
 - Under a separate construction contract



Foothill Pump Station Intertie Valve Procurement

Alternatives Considered

- Valve types evaluated
 - Conical, spherical & butterfly valves considered
 - Conical & spherical valves are larger, more expensive & take longer to fabricate
- Selected Alternative – Butterfly valves
 - For situations requiring only isolation, butterfly valves are more appropriate & cost-effective

Foothill Pump Station Intertie Valve Procurement

Scope of Work

- Contractor
 - Furnish & deliver two 54-inch butterfly valves
- Metropolitan
 - Factory fabrication inspection
 - Submittals review
 - Off-load & store valves
 - Contract administration & project management

Bid Results

Specifications No. 2048

Bids Received	March 15, 2023
No. of Bidders	3
Lowest Responsible Bidder	Sojitz Machinery Corporation of America
Low Bid	\$2,601,437
Range of Other Bids	\$928,131* and \$1,032,000*
Budgetary Estimate	\$1,750,000 to \$3,500,000

*Non-responsive bid

Allocation of Funds

Foothill Pump Station Intertie Valve Procurement

Metropolitan Labor

Owner Costs (Proj. Mgmt., Contract Admin., Envir. Support) \$ 125,000

Fabrication Inspection 260,000

Force Construction 16,000

Submittals Review, Tech. Support, Record Dwgs. 94,000

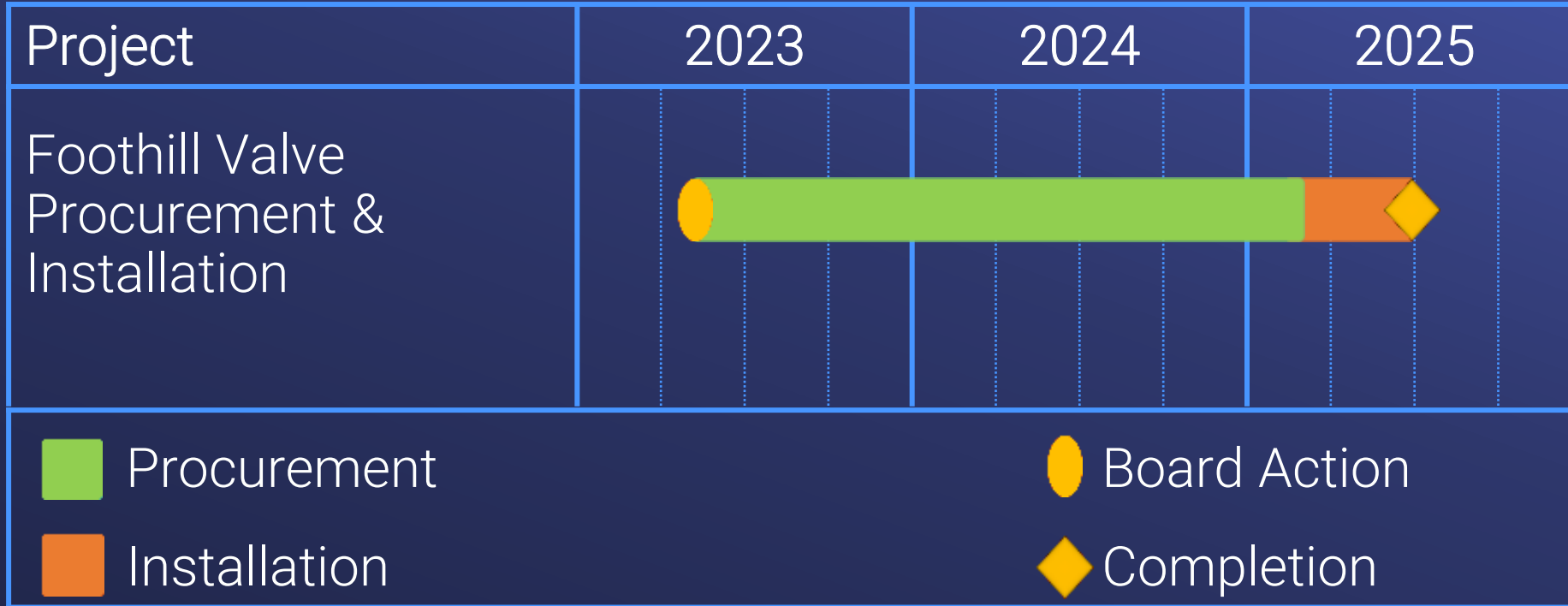
Contracts

Sojitz Machinery Corporation of America 2,601,437

Remaining Budget 183,563

Total \$ 3,280,000

Project Schedule



Board Options

- Option #1
 - Award a \$2,601,437 procurement contract to Sojitz Machinery Corporation of America to furnish two large diameter butterfly valves for the Inland Feeder/SBVMWD Foothill Pump Station Intertie project as part of water supply reliability improvements in the Rialto Pipeline service area.
- Option #2
 - Do not proceed with this project at this time.

Staff Recommendation

- Option #1

