



Isolation Valve Replacement at Service Connections CB-12 & CB-16

Engineering & Operations Committee

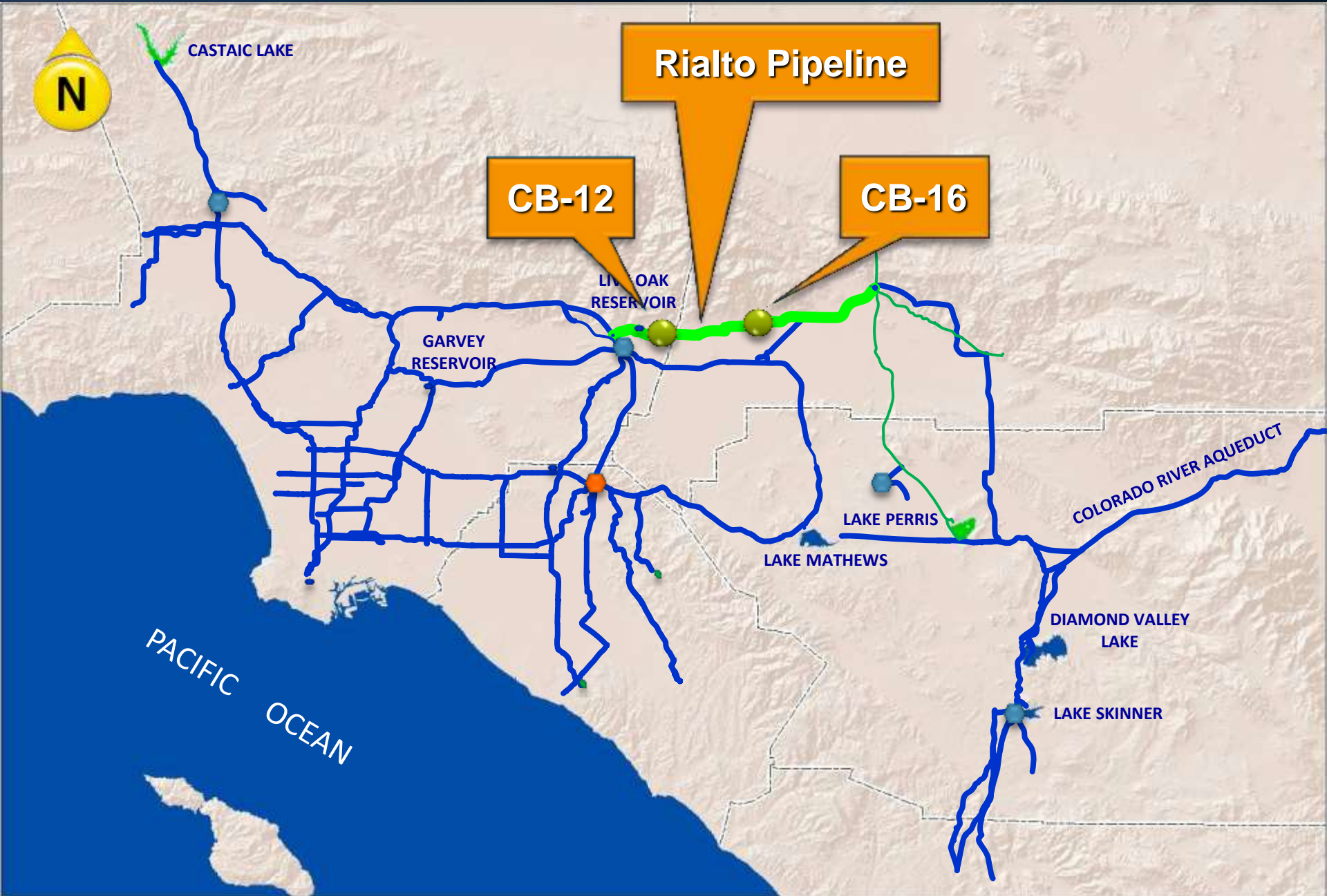
Item 8-2

September 10, 2018

Current Action

- Appropriate \$2.78 M
- Award \$866,600 construction to J. F. Shea Construction to replace service connection valves on Rialto Pipeline

Location Map

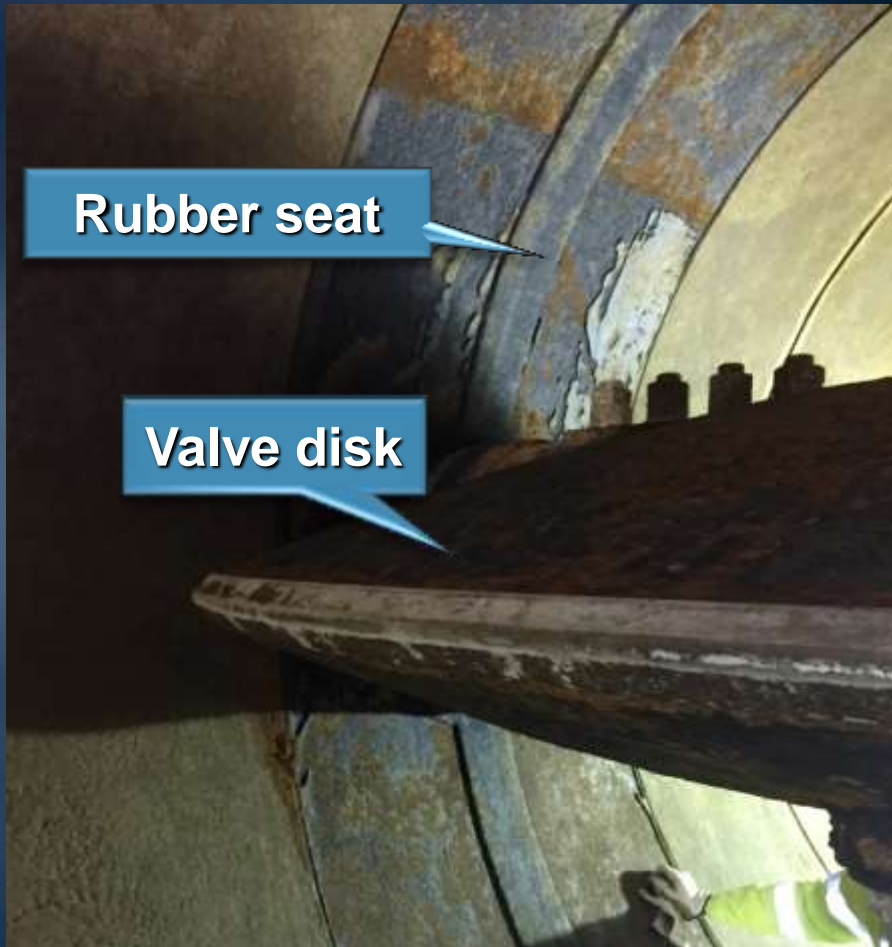


Background – Valve Replacement

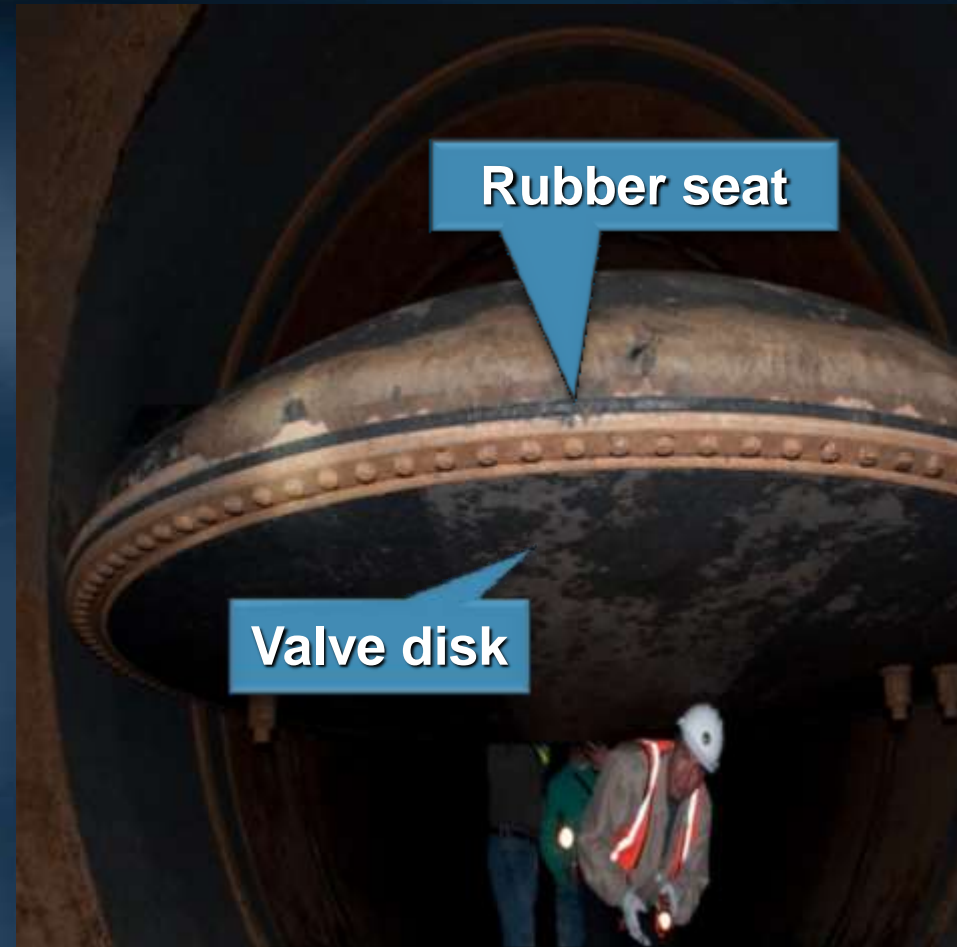


- Valves isolate member agencies' & MWD's systems
- Original construction 1980s
- Valves leak
- Repairs would require shutdown of much of the Rialto Pipeline

Background – Valve Replacement



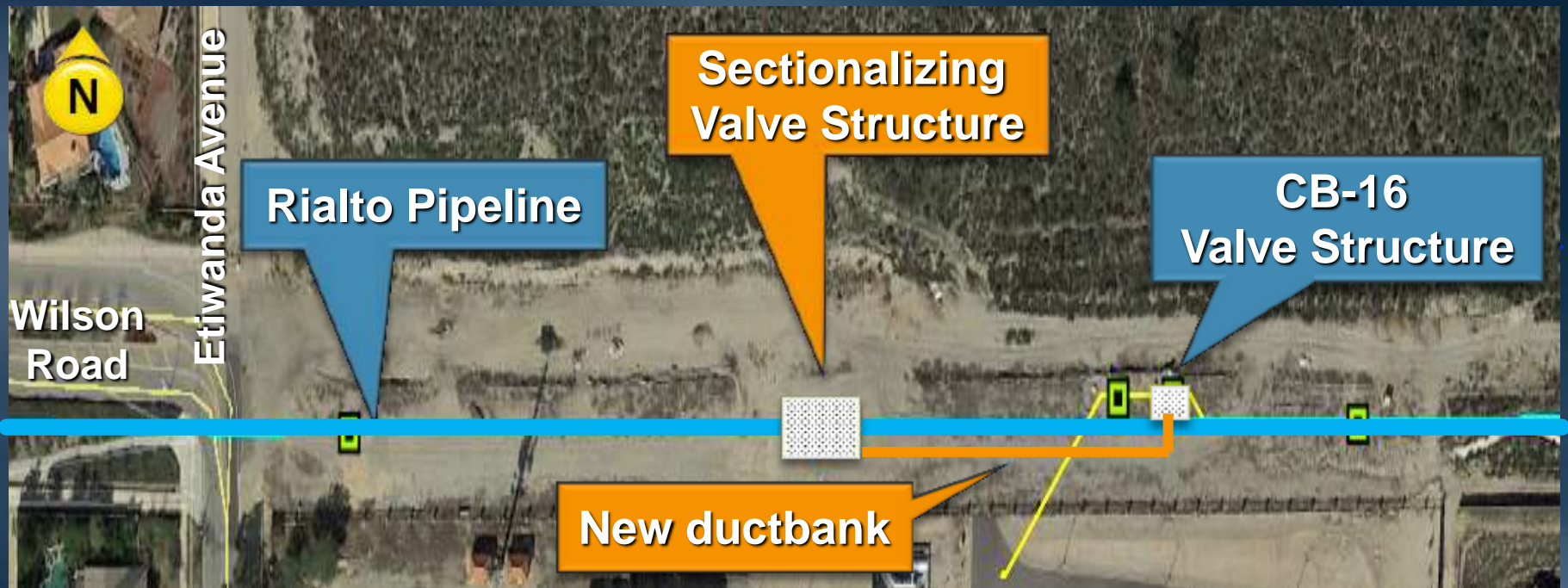
Old valve type



New valve type

Background – Elect. Improvements

- Current configuration prone to theft
- Requires new electrical ductbank & conduits



Contractor Scope

- Excavation
- Remove & replace valves during shutdown
- Replace platforms
- Construct new electrical duct bank, panels, & wiring
- Backfill & site restoration

Metropolitan Scope

- Metropolitan force construction
 - Fabricate long-lead items
 - Procure control equipment
 - Shutdown, dewater, test, & fill
 - Configure SCADA system
- Support activities
 - Construction inspection
 - Contract admin., PM & envir. monitoring
 - Submittals review & record drwgs.
 - Outreach

Bid Results

Specifications No. 1892

Bids received:	July 26, 2018
No. of bidders:	3
Low bidder:	J. F. Shea Construction Inc.
Low bid:	\$866,600
Higher bids:	\$934,117 & \$1,050,000
Engineer's estimate:	\$809,000
SBE participation:	10%

Requested Funds

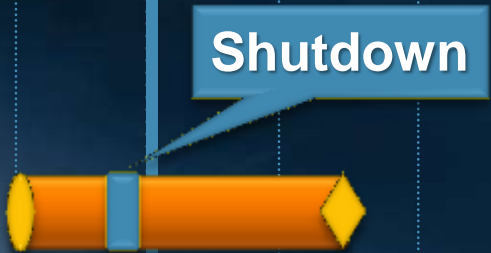
Contract	\$866,600
Labor	
Metropolitan force const.	727,000
Construction inspection	247,000
Submittals review & record drwgs.	179,000
Contract admin., R/W, & PM	152,000
Professional services	70,000
Materials	185,000
Remaining budget	353,400

Total

\$ 2,780,000

Total const. cost - \$2,389,600

Schedule

	2018	2019
Valve replacement at service connections CB-12 & CB-16		



Construction



Board Action



Completion

Board Options

● Option #1

- Adopt CEQA determination that the proposed action is categorically exempt
- Appropriate \$2.78 M
- Award \$866,600 contract to J.F. Shea Construction Inc.

● Option #2

- Do not proceed with the project at this time

Staff Recommendation

- Option #1

