



Engineering, Operations, & Technology Committee

Hollywood Tunnel North Portal Pressure Control Structure Valve Replacement

Item 7-2

June 8, 2026

Presented by: Joann Wu

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Hollywood Tunnel North Portal Pressure Control Structure Valve Replacement

Subject

Award a \$4,542,000 construction contract to J.F. Shea Construction Inc. for upgrades to the Hollywood Tunnel North Portal Pressure Control Structure; amend Metropolitan's Project Labor Agreement to include the subject project; and authorize the General Manager to acquire a temporary construction easement for an amount not to exceed \$60,000

Purpose

Replace aging valves & control system to enhance operational reliability

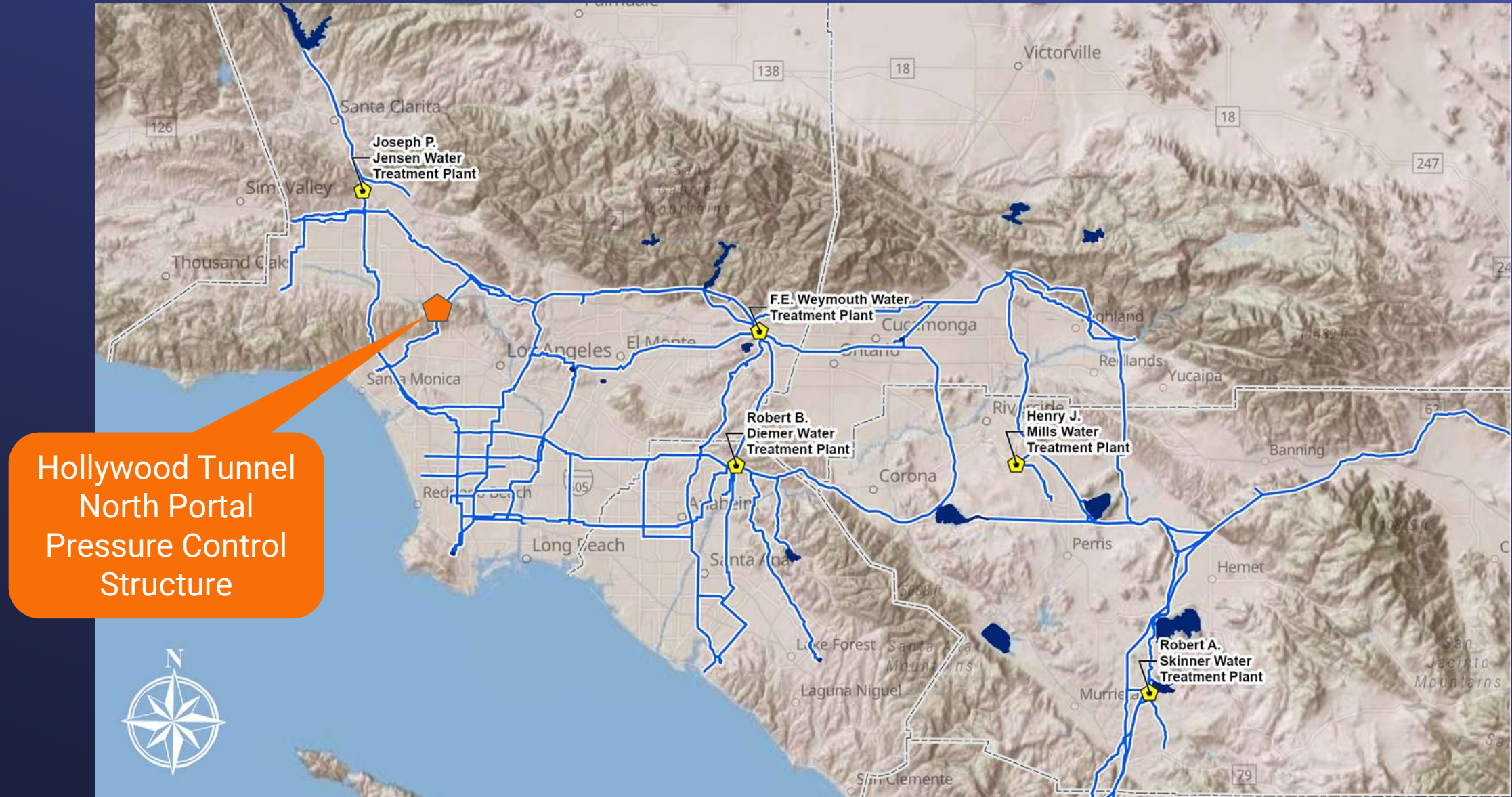
Recommendation and Fiscal Impact

Award construction contract, amend Project Labor Agreement, acquire a temporary construction easement

Fiscal Impact – \$8,880,000

Budgeted

Location Map



Background

- Hollywood Tunnel Pressure Control Structure (PCS)
 - Built in 1941
 - Regulates flows on Santa Monica Feeder
 - Original custom designed control system
 - No remote operation
 - Frequent on-site maintenance & adjustments
 - Can no longer be refurbished



Existing valves at Hollywood Tunnel North Portal PCS

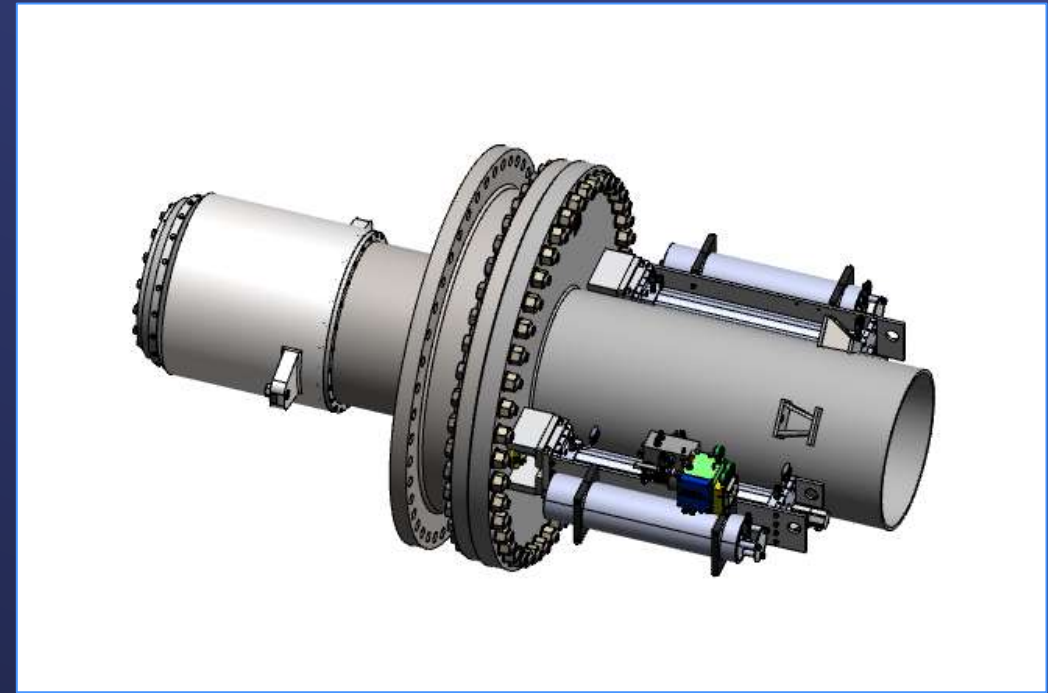
Hollywood Tunnel North Portal PCS Valve Replacement

Background

- Procurement of two knife gate valves & two sleeve valves
 - Awarded in March 2025 for \$2.5 million
 - Expected delivery Summer 2026



Knife Gate Valve



Sleeve Valve

Hollywood Tunnel North Portal PCS Valve Replacement

Alternatives Considered

- Considered Alternative – Refurbish valve
 - Extensive damage to aging valve
 - Refurbishment not cost-effective
- Selected Alternative – New knife gate & sleeve valves
 - Improves reliability
 - Increases maintenance efficiency

Hollywood Tunnel North Portal PCS Valve Replacement

Scope of Work – Contractor

- Install Metropolitan-furnished valves
- Furnish & install
 - Electrical system
 - Instrumentation & control
- Construct structural valve support & bulkheads in surge chamber
- Construct civil site work
- Testing & commissioning

Hollywood Tunnel North Portal PCS Valve Replacement

Scope of Work – Metropolitan

- Perform multiple short shutdowns to keep system operational
- Control system integration with SCADA
- Construction management & inspection
- Submittal reviews
- Project management & contract administration
- Project Labor Agreement administration

Temporary Construction Easements (TCE)

- Limited space for construction
- TCE provides area for vehicle turnaround, equipment & laydown area (2,500 sq-ft)
- Admin. Code requires board approval if the acquisition exceeds 110% of the appraisal value
- Budget includes allowance for relocation of personal property & storage for 18-month period



Bid Results

Specifications No. 2039

Bids Received	April 23, 2026
No. of Bidders	3
Lowest Responsible Bidder	J.F. Shea Construction Inc.
Bid Amount	\$4,542,000
Range of Other Bids	\$3,549,028* to \$5,695,000
Engineer's Estimate	\$7 million
SBE Participation Goal	20%

Note: This contract will be conducted under the terms of Metropolitan's project labor agreement

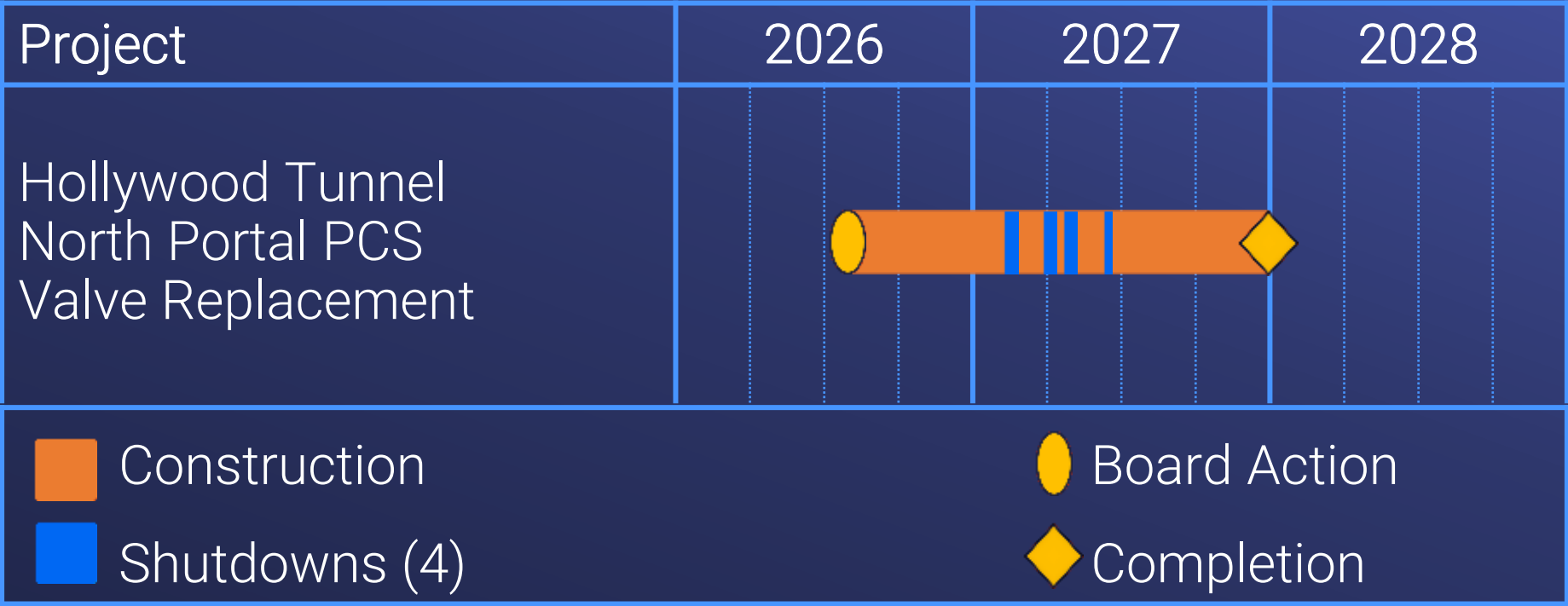
*Bid withdrawn and deemed non-responsive due to clerical error that materially affected the bid amount

Allocation of Funds

Hollywood Tunnel North Portal Pressure Control Structure Valve Replacement

Metropolitan Labor	
Owner Costs (Proj. Mgmt., Envir. Support)	\$ 883,000
Submittals Review & Record Drwgs.	785,000
Construction Inspection & Support	970,000
Force Construction	1,074,000
Professional/Technical Services	
PLA Admin. Consultant	130,000
Right-of-Way	60,000
Contracts	
J.F. Shea Construction Inc.	4,542,000
Remaining Budget	436,000
Total	\$ 8,880,000

Project Schedule



Board Options

- Option #1
 - a. Award a \$4,542,000 construction contract to J.F. Shea Construction Inc. for upgrades to the Hollywood Tunnel North Portal Pressure Control Structure;
 - b. Amend Metropolitan's Project Labor Agreement to include the subject project; and
 - c. Authorize the General Manager to acquire a temporary construction easement for an amount not to exceed \$60,000.
- Option #2
 - Do not proceed with the project at this time.

Staff Recommendation

- Option #1

