



Engineering, Operations, & Technology Committee

San Gabriel Tower Improvements

Item 7-4

August 18, 2025

Item 7-4 San Gabriel Tower Improvements

Subject

Award a \$370,900 construction contract to American Wrecking Inc. for the removal of three existing gate frames at San Gabriel Tower

Purpose

This project will remove existing gate frames, perform survey & investigate the existing condition to prepare for future installation of new gates

Recommendation & Fiscal Impact

Award a construction contract to remove gate frames

Fiscal Impact – \$1,120,000

Budgeted

Location Map



Background



San Gabriel Tower Site Access

Background

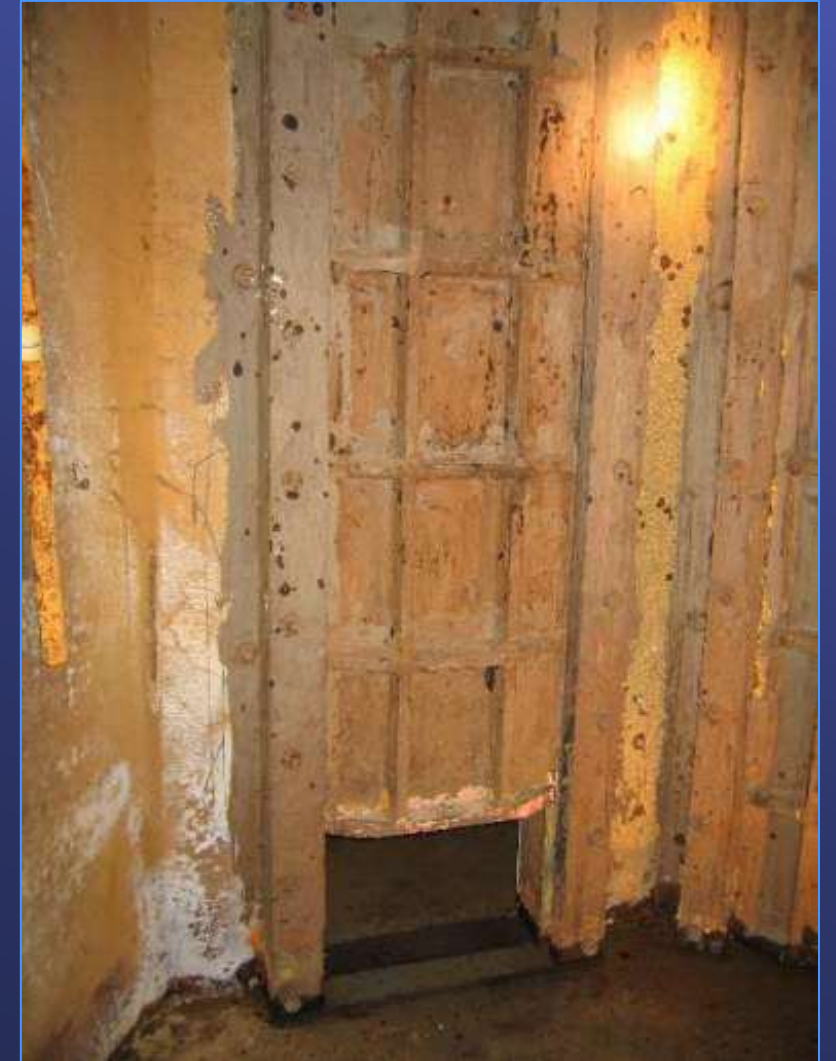
- Constructed in 1936 for flow control & isolation
- Gates, actuators, & appurtenances were removed due to corrosion in 2006
- Three 24-inch x 96-inch gate frames remain
- Limited isolation capabilities on the Upper Feeder without gates
 - Shutdown duration limited to 10 days
- 2024 Value Engineering recommended two shutdowns
 - First shutdown to remove frames
 - Second shutdown to install new gates, actuators, & appurtenances
- Replacement gate design is ongoing



San Gabriel Tower

Alternatives Considered

- Considered Alternative – Reuse existing gate frames
 - Heavily corroded
 - May not be adequate
 - Shortened life span
- Selected Alternative – Replace gate frames using two shutdown approach
 - Shorter shutdown reduces impacts on member agencies
 - Remove old gate frames, perform survey, & inspect rebar
 - Prepare site for future installation of gates & actuators



Corroded Gate & Guide

Scope of Work

- Contractor
 - Remove existing gate frames
 - Locate existing reinforcing bars
- Metropolitan
 - Isolate & dewater Upper Feeder from service
 - Perform 3D survey of gate openings
 - Disinfect & return to service
 - Inspection
 - Environmental support
 - Project management



San Gabriel River Crossing

Bid Results

Specifications No. 2151

Bids Received	June 26, 2025
No. of Bidders	5
Lowest Responsible Bidder	American Wrecking Inc.
Bid Amount	\$370,900
Range of Other Bids	\$313,000** to \$1,000,000
Engineer's Estimate	\$450,000
SBE Participation*	25%

*SBE (Small Business Enterprise) participation level set at 25%

**Apparent low bid withdrew due to mathematical error

Allocation of Funds

San Gabriel Tower Improvements

Metropolitan Labor

Owner Costs (Proj. Mgmt., Contract Admin., Envir. Support)	\$	83,000
Construction Inspection & Support		116,000
Force Construction		410,000
Submittals Review, Tech. Support, Record Dwgs.		62,000

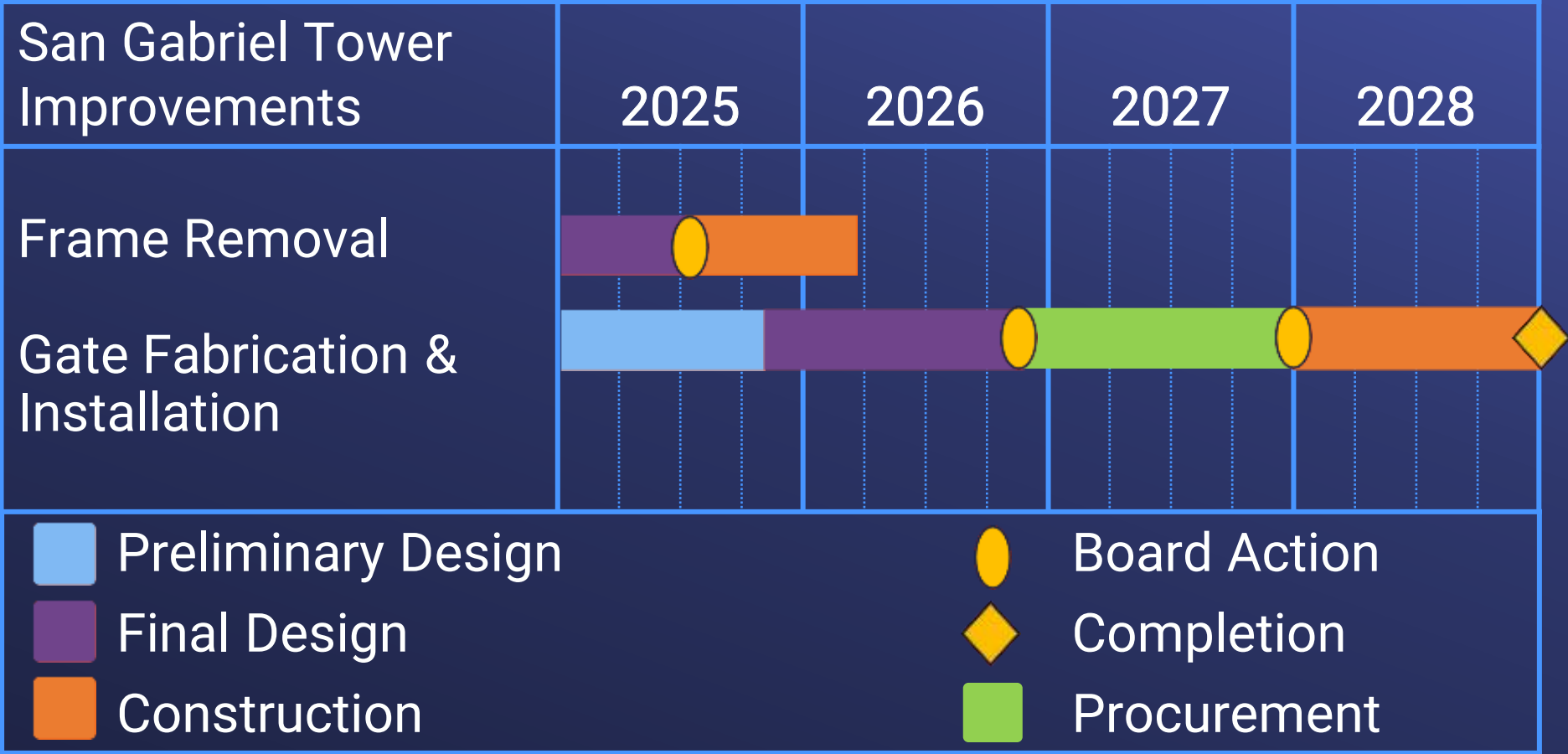
Contract

American Wrecking Inc.		370,900
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Remaining Budget		78,100
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Total \$ 1,120,000

Project Schedule



Board Options

- Option #1
Award a \$370,900 construction contract to American Wrecking Inc. for the removal of three existing gate frames in support of the San Gabriel Tower Improvements.
- Option #2
Do not proceed with the project at this time.

Staff Recommendation

- Option #1

