



Engineering, Operations, & Technology Committee

San Jacinto Diversion Structure Slide Gate Rehabilitation

Item 7-3

August 18, 2025

Item 7-3

San Jacinto Diversion Structure Slide Gate Rehabilitation

Subject

Award a \$1,454,000 construction contract to MMC Inc. to replace the San Jacinto Diversion Structure slide gates

Purpose

This project will improve the operational reliability of the CRA delivery system

Recommendation and Fiscal Impact

Award a construction contract to replace the San Jacinto Structure slide gates

Fiscal Impact – \$2,500,000

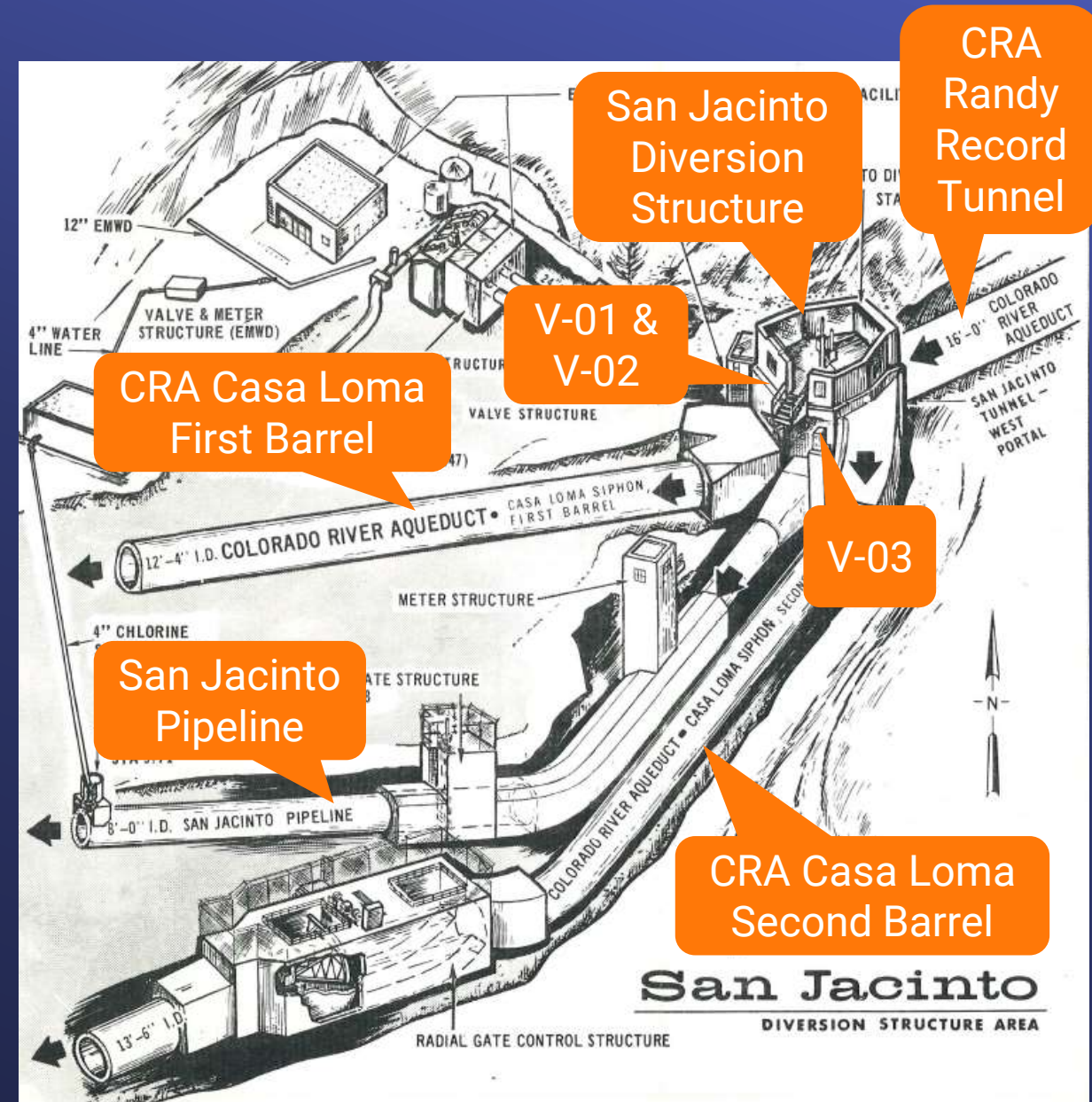
Budgeted

Location Map



San Jacinto Diversion Structure

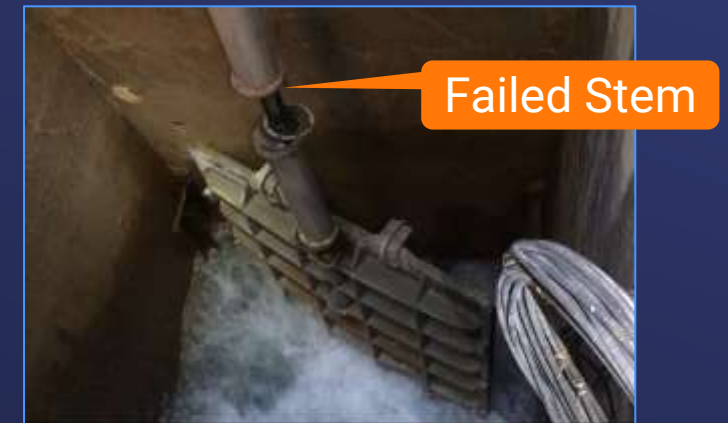
- Constructed in 1939
- Each gate – 6 ft. wide by 8 ft. high
- Slide Gates V-01 & V-02
 - Controls flows into Casa Loma Siphon First Barrel
 - Supplies CRA water to Lake Mathews
- Slide Gate V-03
 - Controls flows into the San Jacinto Pipeline



Background

- Slide Gate V-03 failed in 2019 & was removed
 - Temporary drop gate is used to provide isolation on San Jacinto Pipeline
- Significant corrosion identified on Slide Gates V-01 & V-02
 - Failure of Slide Gate V-01 or V-02 would impact flow control

Slide Gate V-03 removal



Slide Gate Procurement

- Slide gate & actuator fabrication under a separate procurement contract awarded in Nov 2022
- Slide gates were delivered June 2025 with electric actuators scheduled for delivery Nov 2025



Slide Gate Fabrication



Slide Gate Delivery Staging

Alternatives Considered

- Considered Alternative – Award after actuators received
 - Replaces gates in 2027
 - Ensures electric actuators are available before awarding contract
 - Increases the risk of sudden failure of the remaining gates
- Selected Alternative – Award contract now
 - Replaces gates in 2026
 - Enhances the reliability of the CRA
 - Interim solution if actuators delayed

Scope of Work

- Contractor
 - Demolish existing slide gates & assemblies
 - Install Metropolitan-furnished slide gates & actuators
 - Test & commission slide gates
- Metropolitan
 - Shut down & return system to service
 - Construction management
 - Construction support & submittal review
 - Project management & contract administration

Bid Results

Specifications No. 2144

Bids Received	July 1, 2025
No. of Bidders	4
Lowest Responsible Bidder	MMC Inc.
Low Bid	\$1,454,000
Range of Other Bids	\$1,560,000 to \$1,975,000
Engineer's Estimate	\$1,900,000
SBE Participation*	15%

*SBE (Small Business Enterprise) participation level set at 15%

Allocation of Funds

San Jacinto Diversion Structure Slide Gate Rehabilitation

Metropolitan Labor

Owner Costs (Proj. Mgmt., Contract Admin., Envir. Support)	\$	123,000
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Construction Inspection & Support		402,000
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Force Construction		153,000
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Submittals Review, Tech. Support, Record Dwgs.		200,000
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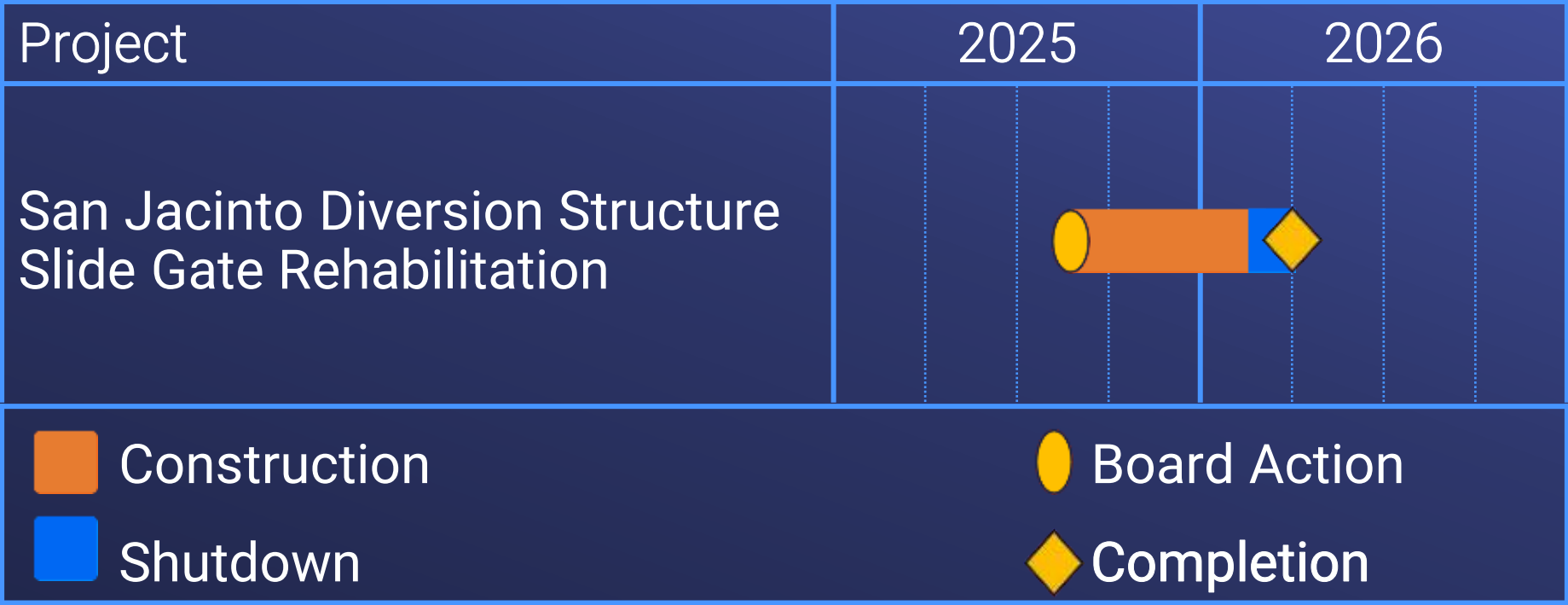
Contracts

MMC Inc.		1,454,000
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Remaining Budget		168,000
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Total	\$	2,500,000
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Project Schedule



Board Options

- Option #1
Award a \$1,454,000 construction contract to MMC Inc. to replace the San Jacinto Diversion Structure slide gates.
- Option #2
Do not proceed with the project at this time.

Staff Recommendation

- Option #1

