



Engineering & Operations Committee

# San Jacinto Diversion Structure Rehabilitation Slide Gate Procurement

Item 7-6

November 7, 2022

## San Jacinto Diversion Structure

## Slide Gate Procurement

### Current Action

- Award a \$820,852.53 procurement contract to Whipps, Inc. for three slide gates to rehabilitate the San Jacinto Diversion Structure

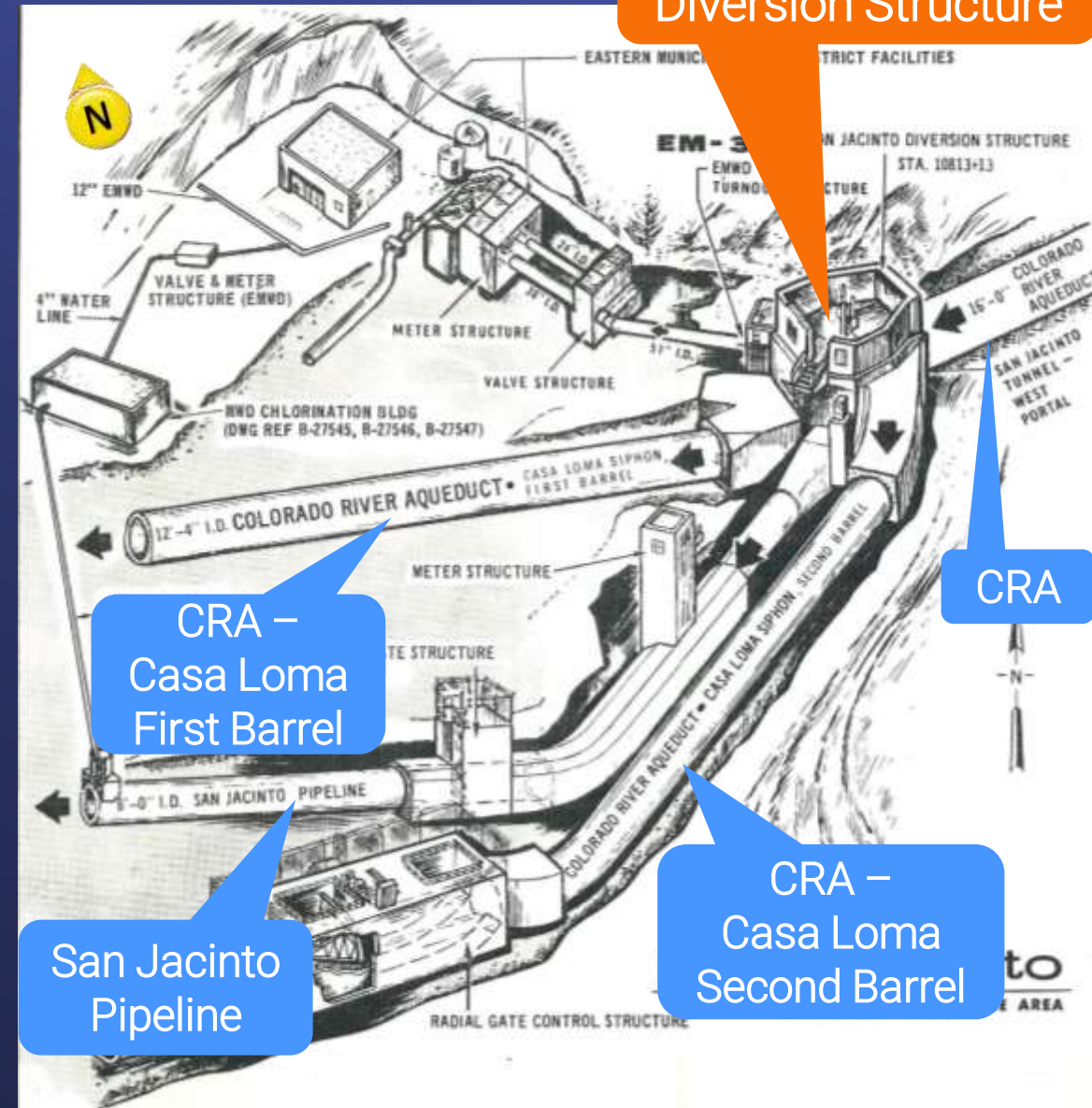
# Distribution System





# San Jacinto Diversion Structure

- Constructed in 1939
- 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 installed to provide isolation on San Jacinto Pipeline
- Significant corrosion identified on Slide Gates V-01 & V-02
  - Failure of Slide Gates V-01 or V-02 would impact operational control and flexibility

Slide Gate V-03



# San Jacinto Diversion Structure

## Slide Gate Procurement

## Slide Gate Procurement & Installation

- Slide gate fabrication & delivery expected to take up to 12 months
- Delivery scheduled for late-2023
- Slide gates to be installed during February/March 2024 CRA shutdown
- Operational by March 2024
- Installed under separate contract



Leakage Past Closed  
Slide Gates



# Alternatives Considered

- Rehabilitation
  - Replace components showing excessive wear
  - 10-year life span anticipated
  - Previously rehabilitated in 2011
- Selected alternative
  - Replace all three slide gates to avoid failure resulting in unplanned shutdown & operational impacts



Interior of San Jacinto Diversion Structure

## San Jacinto Diversion Structure

### Slide Gate Procurement

## Scope of Work

- Contractor
  - Furnish three slide gates
  - Deliver gates to Wadsworth Pumping Plant
- Metropolitan
  - Submittal review
  - Factory fabrication inspection
  - Off-load slide gates
  - Contract administration & project management



# Bid Results

## Specifications No. 2028

Bids Received	October 6, 2022
No. of Bidders	3
Lowest Responsible Bidder	Whipps, Inc.
Lowest Responsible Bid	\$820,852.53
Range of other Bids*	\$525,000 to \$720,000
Estimated Range of Costs	\$500,000 to \$750,000

\* Two Non-Responsive Bids

# Allocation of Funds

## San Jacinto Slide Gates

### Metropolitan Labor

Program mgmt., contract admin. & envir. support	\$ 62,000
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Fabrication Inspection	79,000
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Submittal review, technical support & record drwgs.	64,000
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Force construction	5,000
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### Contract

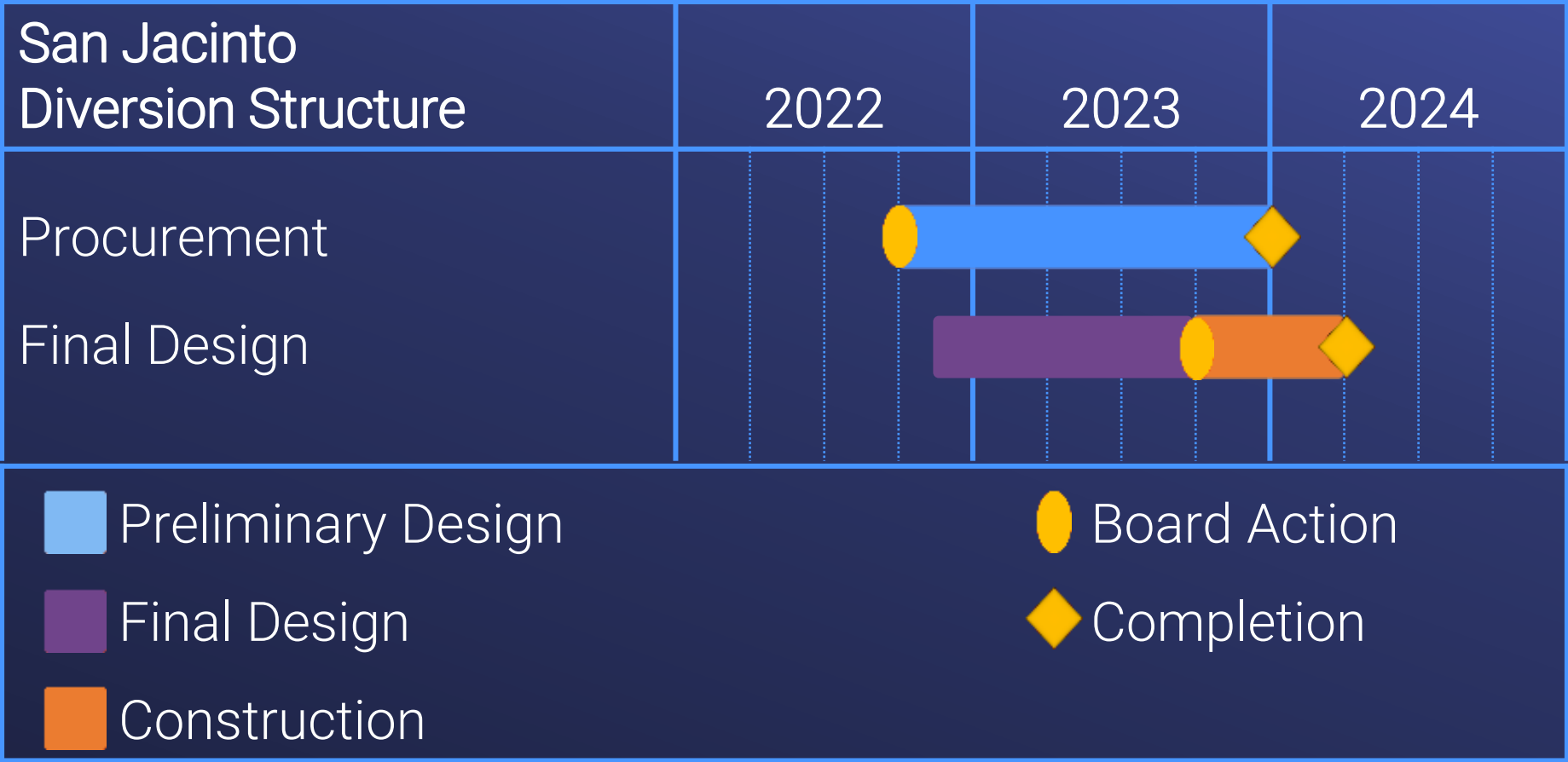
Whipps, Inc.	820,852.53
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Remaining Budget	69,147.47
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Total	\$1,100,000
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# Project Schedule



# Board Options

- Option #1

Award an \$820,852.53 procurement contract to Whipps, Inc. to furnish three slide gates and appurtenances to rehabilitate the San Jacinto Diversion Structure.

- Option #2

Do not proceed with this project at this time.



# Staff Recommendation

- Option #1

