



Engineering, Operations, & Technology Committee

# Inland Feeder Rialto Pipeline Intertie

Item 8-1

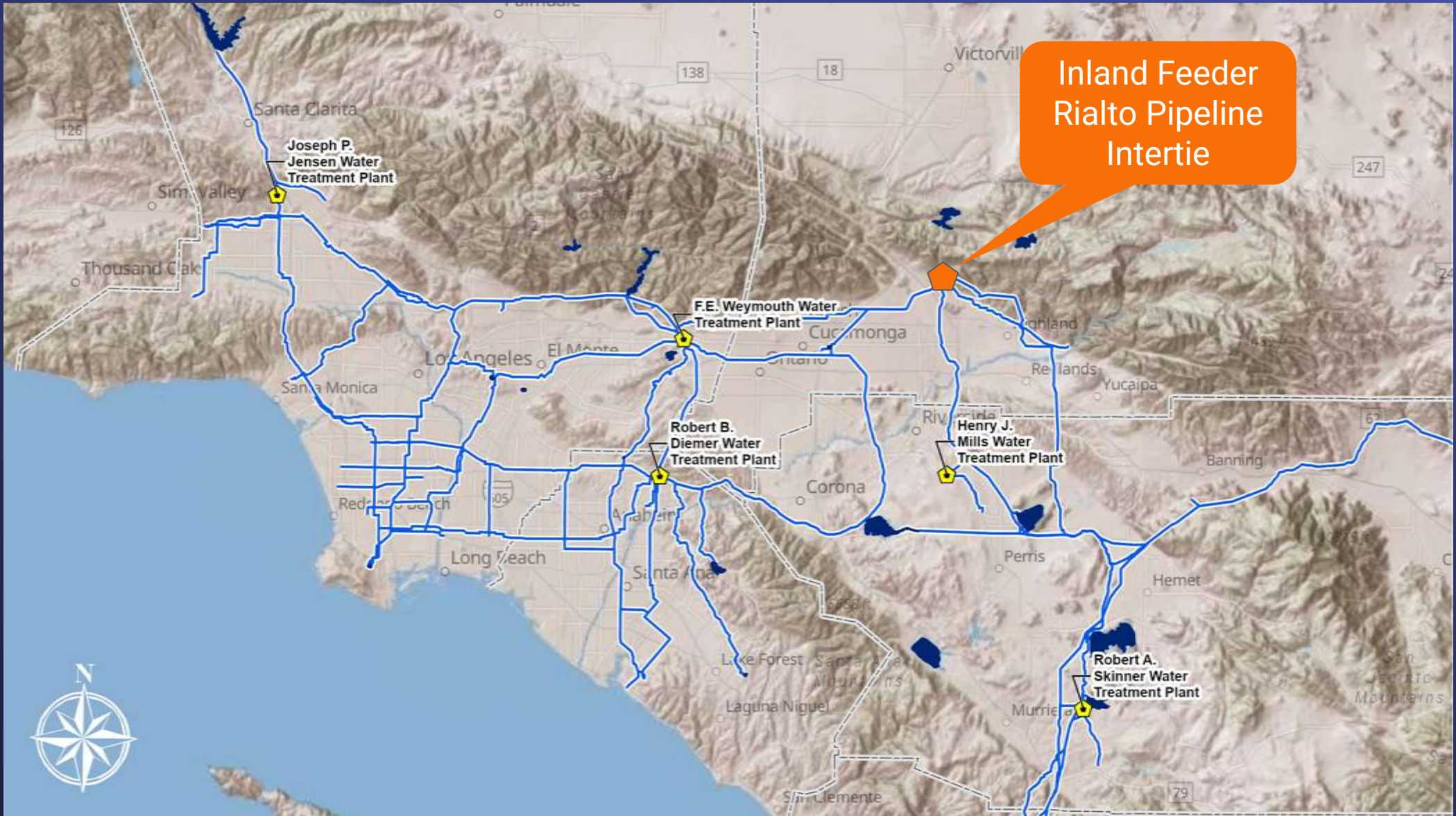
September 11, 2023

Inland Feeder  
Rialto  
Pipeline  
Intertie

## Current Action

- Award a \$15,681,000 contract to Steve P. Rados Inc. to construct an intertie between the Inland Feeder & Rialto Pipeline as part of the water supply reliability improvements in the Rialto Pipeline service area
- Part of a series of projects to improve supply reliability for SWP-dependent member agencies

# Distribution System



# Inland Feeder Rialto Pipeline Intertie

## Background

- Rialto Pipeline conveys SWP supplies to Inland Empire Utilities Agency, Three Valleys MWD & Upper San Gabriel Valley MWD
- DVL is Metropolitan's largest reservoir
  - DVL helps meet member agency demands under normal, drought, & emergency conditions
- Rialto Pipeline unable to access water stored in DVL or from CRA due to infrastructure & operational constraints

# Background – On-going Water Supply Reliability Improvements

- Four projects initiated to improve supply reliability of SWP-dependent areas
- Wadsworth Bypass in construction
- IF/RP Intertie – this action
- Final design ongoing for remaining two projects



# Inland Feeder Rialto Pipeline – Normal Operations



# Inland Feeder-Rialto Pipeline Intertie – Pumping Operations



# Inland Feeder Rialto Pipeline Intertie

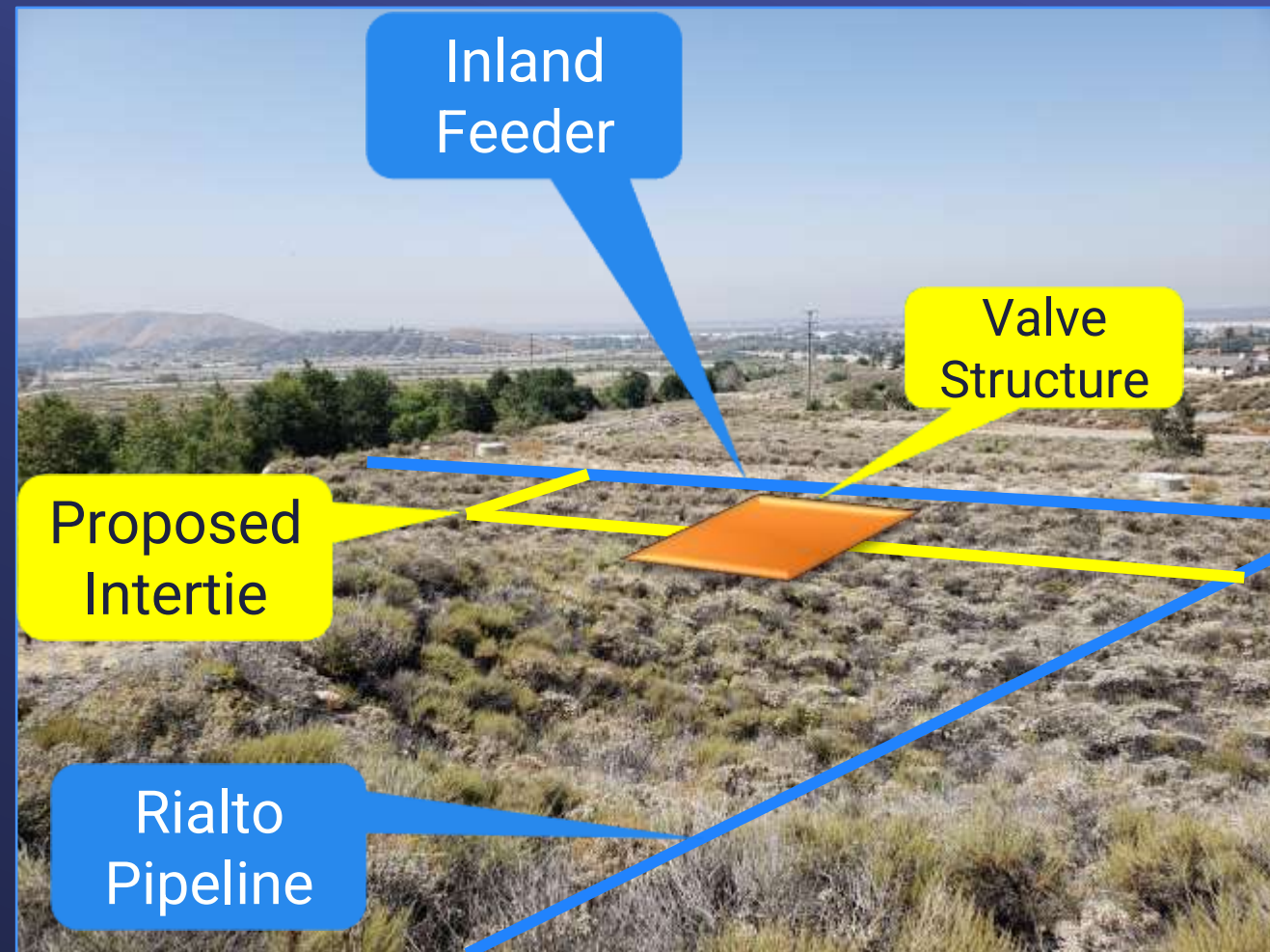
## Alternatives Considered

- Background – In Aug. 2022, Board awarded procurement contract for 84-inch isolation valve
  - Delivery of valve expected by June 2024
- Considered Option - Isolation valve installed under a separate contract
  - Pipe spool with internal bulkhead for isolation until valve is delivered
- Selected Option – Isolation valve installed under construction contract
  - Most cost-effective option
  - Aligns project with other projects to utilize same shutdown of pipelines
  - Slight risk valve will not be delivered in timely manner



## Scope of Work – Contractor

- Install approx. 200 feet of 96-inch pipe & connecting tees
- Construct valve structure
- Construct 600 feet of buried electrical duct bank
- Relocate drainage channel
- Restore access roads, as required



Project Site: Looking southward

# Scope of Work – Metropolitan

- Metropolitan Construction
  - Remove & replace valves & blind flanges for pipe access
  - Coordinate shutdown & dewatering of pipelines
- Field inspection & construction management
- Submittal review & technical support
- Administer Project Labor Agreement
- Respond to requests for information
- Environmental monitoring, project management, & contract administration

# Bid Results

## Specifications No. 2021\*

|                           |                     |
|---------------------------|---------------------|
| Bids Received             | August 9, 2023      |
| No. of Bidders            | 3                   |
| Lowest Responsible Bidder | Steve P. Rados Inc. |
| Low Bid                   | \$15,681,000        |
| Other Bid                 | \$17,954,000        |
| Engineer's Estimate       | \$14 M              |
| SBE Participation**       | 20%                 |

\* This contract will be conducted under the terms of Metropolitan's project labor agreement

\*\* SBE (Small Business Enterprise) participation level set at 20%

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## Relief of James W. Fowler's Bid

- California Public Contract Code Section 5100, et seq. allows an awarding agency to relieve a bidder of their bid if a material clerical error was made when submitting the bid
  - James W. Fowler informed Metropolitan of this discrepancy shortly after bid opening
  - Metropolitan met with the contractor to discuss the error
  - Bid did not account for the earthwork & construction water
  - Successfully demonstrated a clerical error estimated to be over \$1 M
  - The contractor was released from their bid

# Allocation of Funds

## Inland Feeder Rialto Pipeline Intertie

### Metropolitan Labor

Owner Costs (Proj. Mgmt., Contract Admin., Envir. Support) \$ 365,000

Construction Inspection & Support 1,524,000

Force Construction 632,000

Submittals Review, Tech. Support, Record Dwgs. 626,000

Materials & Incidentals 155,000

### Contract

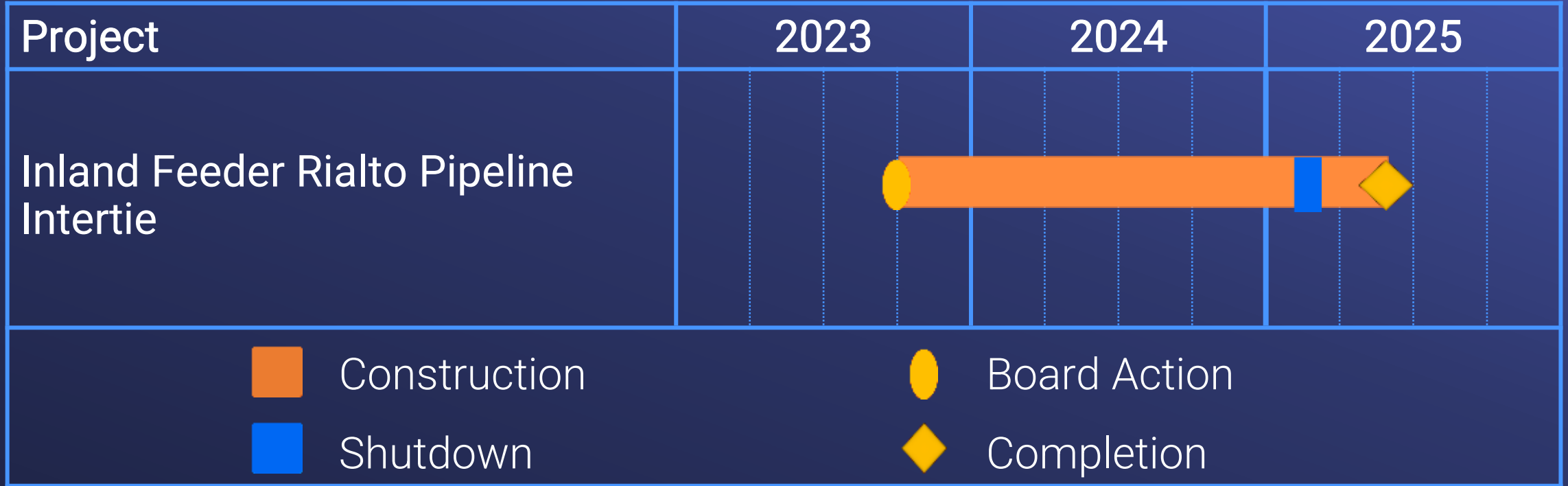
Steve P. Rados Inc. 15,681,000

Remaining Budget 1,017,000

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Total \$ 20,000,000

# Project Schedule



# Board Options

- Option #1

Award a \$15,681,000 contract to Steve P. Rados Inc. to construct an intertie pipeline between the Inland Feeder and Rialto Pipeline. This project is part of water supply reliability improvements in the Rialto Pipeline service area.

- Option #2

Do not proceed with the project at this time.

# Staff Recommendation

- Option #1



