

# Gisler-Red Hill Interceptor and Baker Force Main Rehabilitation

## Project No. 7-65

Presented by:  
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Engineering  
Supervisor

Operations  
Committee  
May 3, 2023

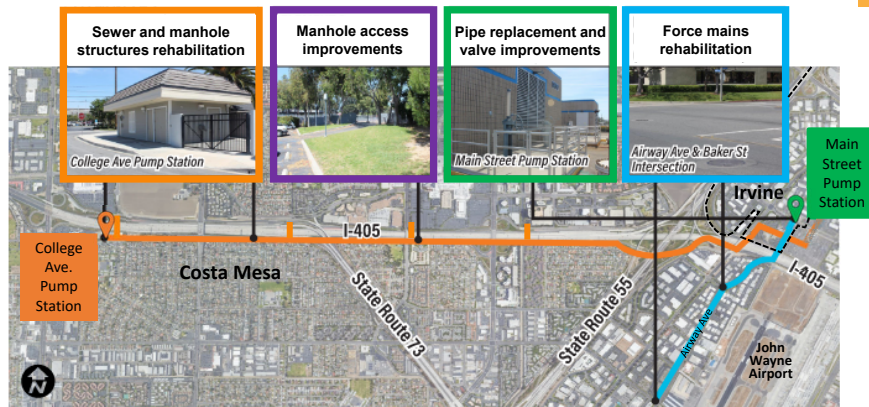
Construction Award



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## Project Location

Majority of the project is within the City of Costa Mesa with a very small portion within the City of Irvine.



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## Driver of Project: Condition

### Gisler-Red Hill Gravity Sewer built 1950s/60s:

- Unsealed joints/infiltration
- Cracks and damage

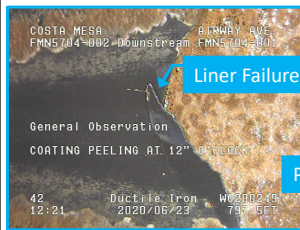
Infiltration



Gravity Sewer

### Baker Force Mains built in 1991:

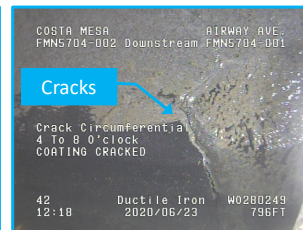
- Corrosion
- Polybond liner failure
- Protruding gaskets at joints
- Cracks
- Infiltration



Liner Failure



Protruding Gasket



Cracks

Force Main

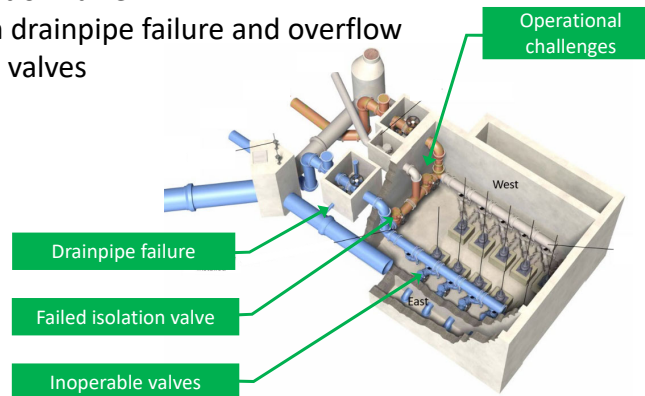
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## Driver of Project: Condition

### Main Street Pump Station built 1985 & 1991

- Corroded pipe
- Operational challenges
- Failed isolation valve
- Force main drainpipe failure and overflow
- Inoperable valves

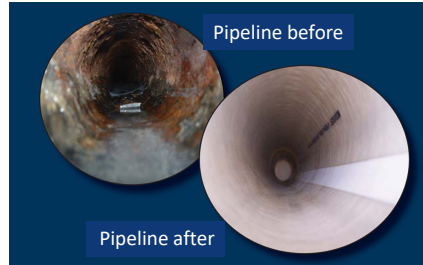


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## Solutions

- Rehabilitate pipes and manholes
- Replace pump station piping and valves



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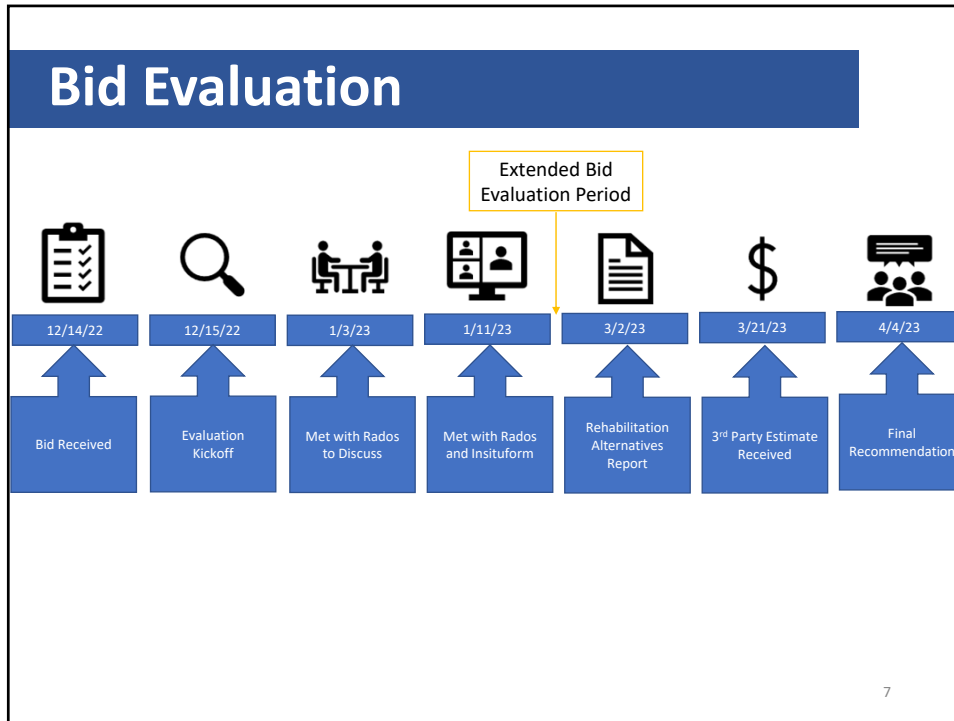
## Bid Results

<b>Engineer's Estimate</b>	<b>\$33,000,000</b>
<b><u>Bidder</u></b>	<b><u>Amount of Bid</u></b>
Steve P. Rados, Inc.	\$44,706,000

- Three bidders interested during Pre-Bid Survey
- Single bid received
- Difference of \$11,706,000

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## Project Budget Request

Current project budget insufficient to cover award and construction contingency amount.

Subject	Amount
Current Project Budget	\$44,400,000
<b>Total Requested Project Budget</b>	<b>\$55,500,000</b>

Total Project Budget Increase Request = \$11,100,000

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## Recommendation

Recommend to the Board of Directors to:

- A. Receive and file Bid Tabulation and Recommendation for Gisler-Red Hill Interceptor and Baker Force Main Rehabilitation, Project No. 7-65;
- B. Approve a project budget increase of \$11,100,000 for Gisler-Red Hill Interceptor and Baker Force Main Rehabilitation, Project No. 7-65, for a new total project budget of \$55,500,000;
- C. Award a Construction Contract to Steve P. Rados, Inc. for Gisler-Red Hill Interceptor and Baker Force Main Rehabilitation, Project No. 7-65, for a total amount not to exceed \$44,706,000; and
- D. Approve a contingency of \$4,470,600 (10%).

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## Questions



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