

# Santa Ana Trunk Sewer Rehabilitation

## Project No. 1-23

Presented by:  
Marianne Kleine  
Engineering  
Supervisor

Operations  
Committee  
April 6, 2022

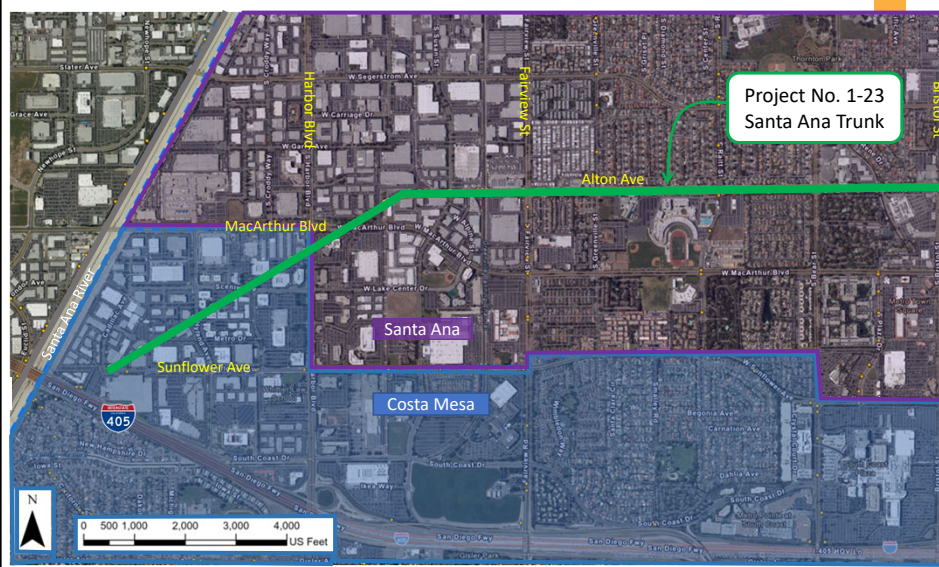
Consultant Award



**OC SAN**  
ORANGE COUNTY SANITATION DISTRICT

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## Project Location: Cities of Costa Mesa and Santa Ana



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## What is the Problem?

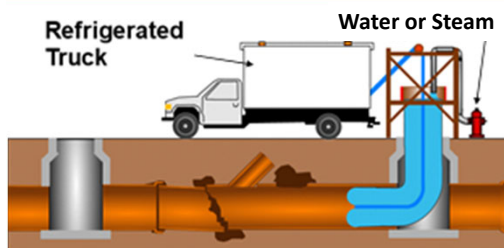


- Built in the early 1950s
- Severe deterioration:
  - Exposed aggregate and reinforcement steel
  - Infiltration
  - Liner and coating delamination

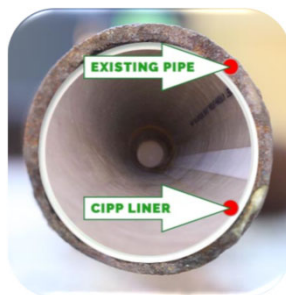
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## What is the Solution?



- Cured-in-place Pipe Rehabilitation (CIPP)
- Manhole Rehabilitation



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## Selection Process

- Four proposals received
- Interviews conducted with top two firms
- Stantec Consulting Services, Inc. selected
  - Clear project understanding
  - Experienced Project Team
  - Detailed implementation plan to meet project goals

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## Negotiations

	Original Proposal	Negotiated
<b>Total Hours</b>	15,425	17,211
<b>Total Fee</b>	\$3,667,767	\$3,880,000

- Clarified scope of work and design assumptions
- Added 28 drawings (bypass, pavement restoration, details)
- Ensured proper scope and level of effort are appropriate for the work

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## Recommendation

Recommend to the Board of Directors to:

- A. Approve a Professional Design Services Agreement with Stantec Consulting Services, Inc. to provide engineering services for Santa Ana Trunk Sewer Rehabilitation, Project No. 1-23, for an amount not to exceed \$3,880,000; and
- B. Approve a contingency of \$388,000 (10%).

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## Questions



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