

Greenville Trunk Improvements

Project No. 1-24

Presented by:
Marianne Kleine,
Engineering
Supervisor

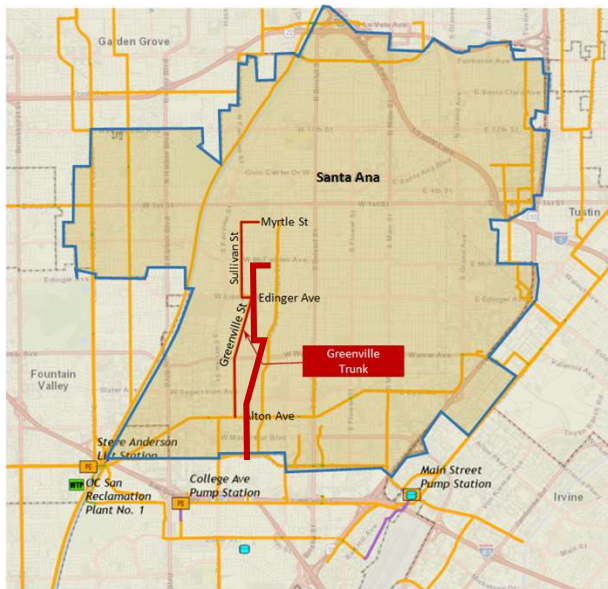
Operations
Committee
October 5, 2022

Consultant Award



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Project
Location:
City of
Santa Ana



Built in the early 1950s

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What is the Problem?

- Capacity Deficiency
 - Existing 24- and 27-inch VCP
 - Excessive surcharge
- Condition Issues



Greenville Trunk



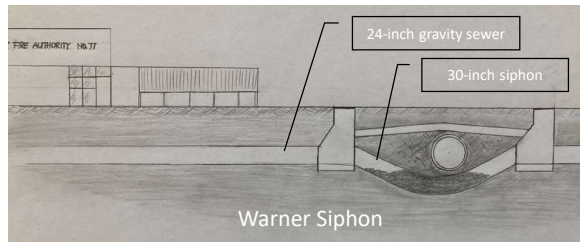
Greenville Manhole

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What is the Problem?

- Oversized Siphons
- Access Issues



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Proposed Solution

- Upsize Greenville Trunk Sewer
 - 16,000 LF new 33-inch to 39-inch sewer
 - New 72 / 84-inch manholes
- Address 12 Direct Connections
 - Connect to local sewer



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Selection Process

- Five proposals received
- Interviews conducted with top two firms
- Brown and Caldwell selected:
 - Excelled in both proposal and interview
 - Clear Understanding of Key Challenges
 - Detailed implementation plan to meet project goals
 - Experienced Project Team

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Negotiations

	Original Proposal	Negotiated
Total Hours	24,890	20,826
Total Fee	\$5,326,015	\$4,730,000

- Clarified scope of work and design assumptions
- 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 Brown and Caldwell to provide engineering services for Greenville Trunk Improvements, Project No. 1-24, for an amount not to exceed \$4,730,000; and
- B. Approve a contingency of \$473,000 (10 percent).

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Questions



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