

Knott-Miller Holder Artesia Branch Rehabilitation Project No. 3-60

Presented by:
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Engineering
Supervisor

Operations
Committee
September 6, 2023

Consultant Design Award

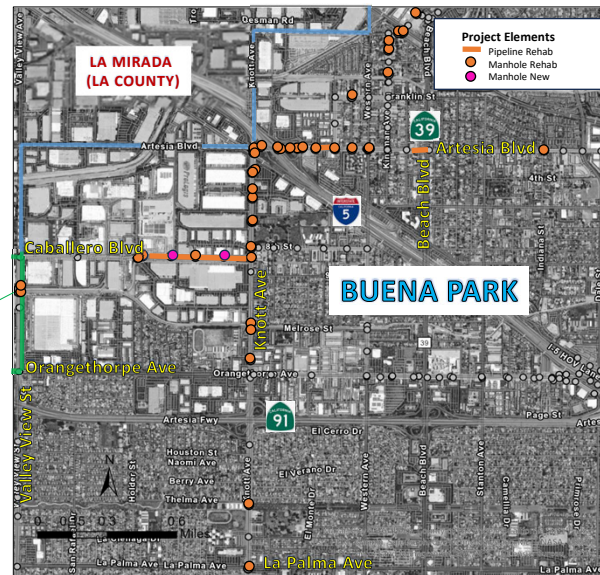


OC SAN
ORANGE COUNTY SANITATION DISTRICT

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Project
Location:
Buena Park
and
La Palma

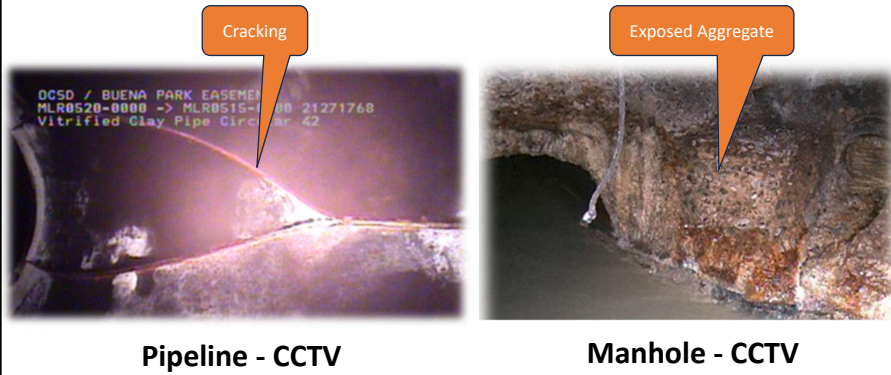
LA PALMA



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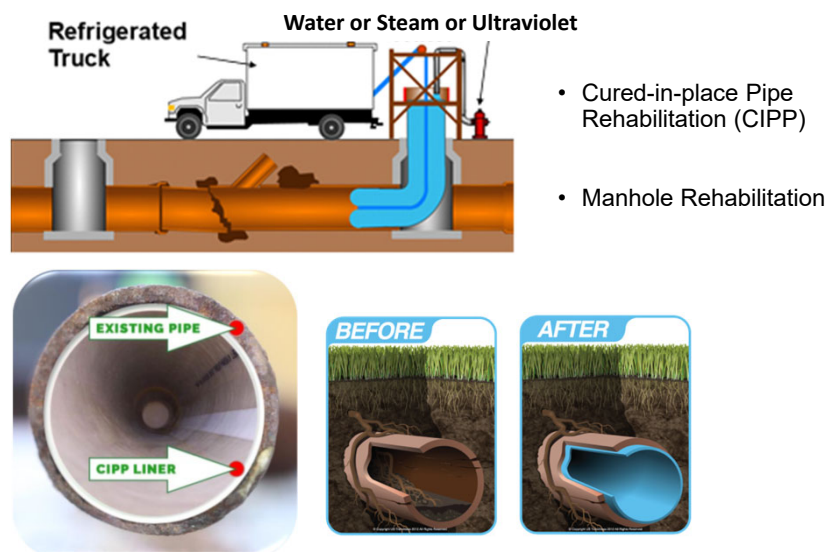
Reason for the Project



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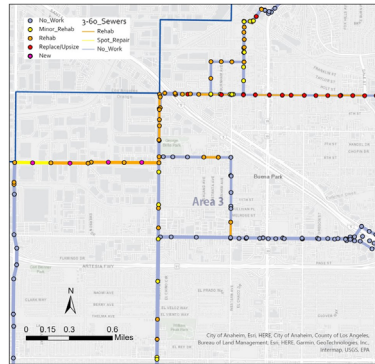
What is the Solution?



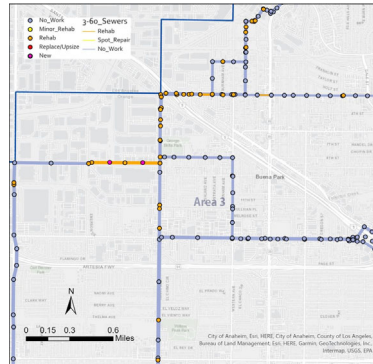
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Reduced Scope



Pipe Rehabilitation: 12,100 LF
 Manhole Rehabilitation: 68
 New Manhole Installation: 4
 Install Air Jumper: 1
 Manhole Replacement: 17
 Construction Cost Estimate: \$18.1M



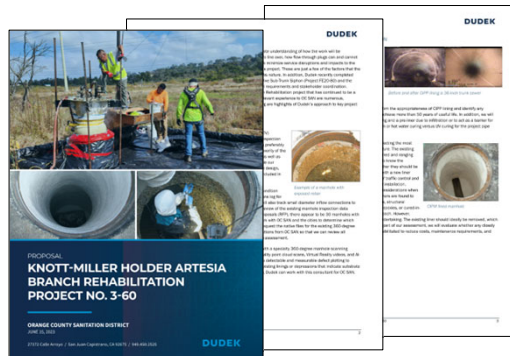
Pipe Rehabilitation: 3,900 LF
 Manhole Rehabilitation: 43
 New Manhole Installation: 2
 Install Air Jumper: 1
 Construction Cost Estimate: \$8M

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Selection Process

- Four proposals received
- Interviews conducted with two firms
- Dudek selected
 - Approach to implement cost saving ideas during design
 - Understanding of construction risk mitigation requirements



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Negotiations

	Original Proposal	Negotiated
Total Hours	5,744	5,145
Total Fee	\$1,348,064	\$1,200,000

- Removed groundwater pump testing from the Scope of Work.
- Reduced the number of potholes that will be conducted.
- Reduced hours for field topographic investigation.
- Increased hours for permit coordination.
- Increased hours to include additional traffic control phasing through the intersections.

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Recommendation

Recommend to the Board of Directors to:

- Approve a Professional Design Services Agreement with Dudek to provide engineering services for Knott-Miller Holder Artesia Branch Rehabilitation, Project No. 3-60, for an amount not to exceed \$1,200,000; and
- Approve a contingency of \$120,000 (10%).

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Questions

