

Orange-Western Sub-Trunk and Los Alamitos Trunk Sewer Rehabilitation, Contract Nos. 3-64A & 3-64B

Construction Contract Award

Presented by:
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Manager
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Committee
May 5, 2021



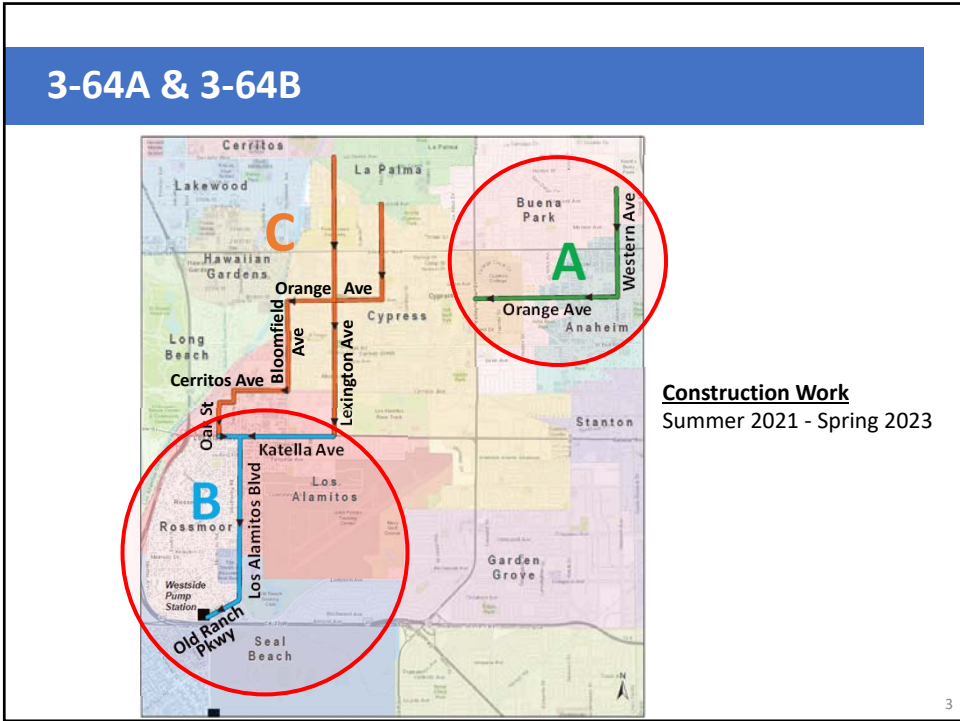
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3-64 Rehabilitation of Western Regional Sewers

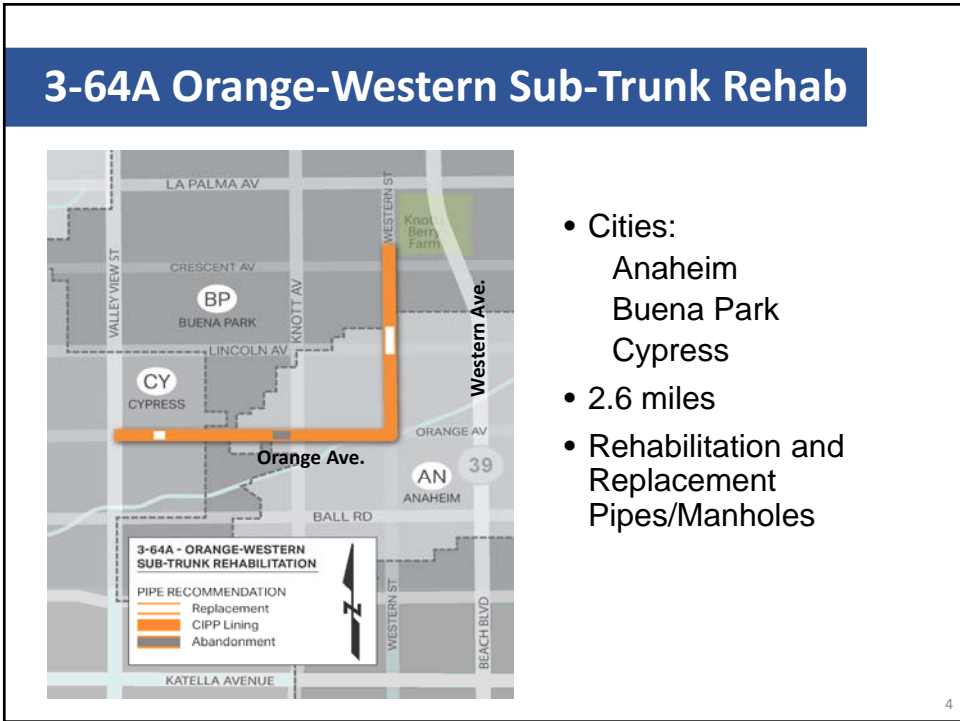


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3-64B Los Alamitos Trunk Rehab



- Cities/Agencies:
 - Seal Beach
 - Los Alamitos
 - Cypress
 - Rossmoor (County of Orange)
 - Caltrans
 - Joint Forces Training Base
- 6 miles
- Pipeline & Manhole Replacement/Rehabilitation

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Close Coordination with Local Agencies



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Unknown Utilities Risk

- Potential utility damage
- Construction delays
- Increased costs
- Design changes required

Design Phase Responses

- Researched utility records
- Used ground penetrating radar
- Spot exploratory excavations
- Performed field walks

Construction Phase Responses

- Require potholing prior to work
- Review potholing plan with contractor
- Inspect, monitor and review potholing activities



Manhole replacement

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Sewage Spill Risk

- Environmental threat/health hazard
- Permit violations
- Construction delays
- Increased costs

Design Phase Responses

- Developed bypassing approach
- Specified sequencing and restrictions
- Required redundancy

Construction Phase Responses

- Require spill prevention and bypass plan
- Review plan daily with contractor
- Inspect, verify and monitor 24/7



Bypass Pumping

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Bid Results


| Bidder | Amount of Bid |
|---|---------------|
| Engineer's Estimate | \$16,057,900 |
| Steve P. Rados, Inc. | \$17,775,000 |
| Teichert Energy & Utilities Group, Inc. | \$19,141,725 |
| Spiniello Infrastructure West, Inc. | \$22,975,380 |

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- ## Recommended Action
- Recommend to the Board of Directors to:
- Receive and file Bid Tabulation and Recommendation for Orange-Western Sub-Trunk and Los Alamitos Trunk Sewer Rehabilitation, Contract Nos. 3-64A and 3-64B;
 - Award a Construction Contract to Steve P. Rados, Inc., for Orange-Western Sub-Trunk and Los Alamitos Trunk Sewer Rehabilitation, Contract Nos. 3-64A and 3-64B, for an amount not to exceed \$17,775,000 and
 - Approve a construction contingency of \$1,777,500 (10%).

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Questions



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