

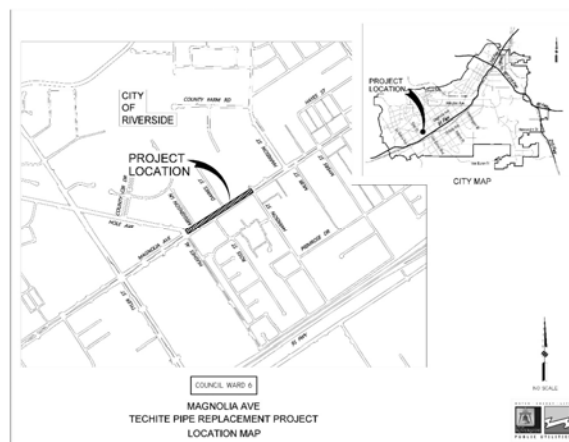


MAGNOLIA AVENUE TECHITE PIPE REPLACEMENT PROJECT UPDATE

Public Utilities Board
May 9, 2016

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PROJECT LOCATION



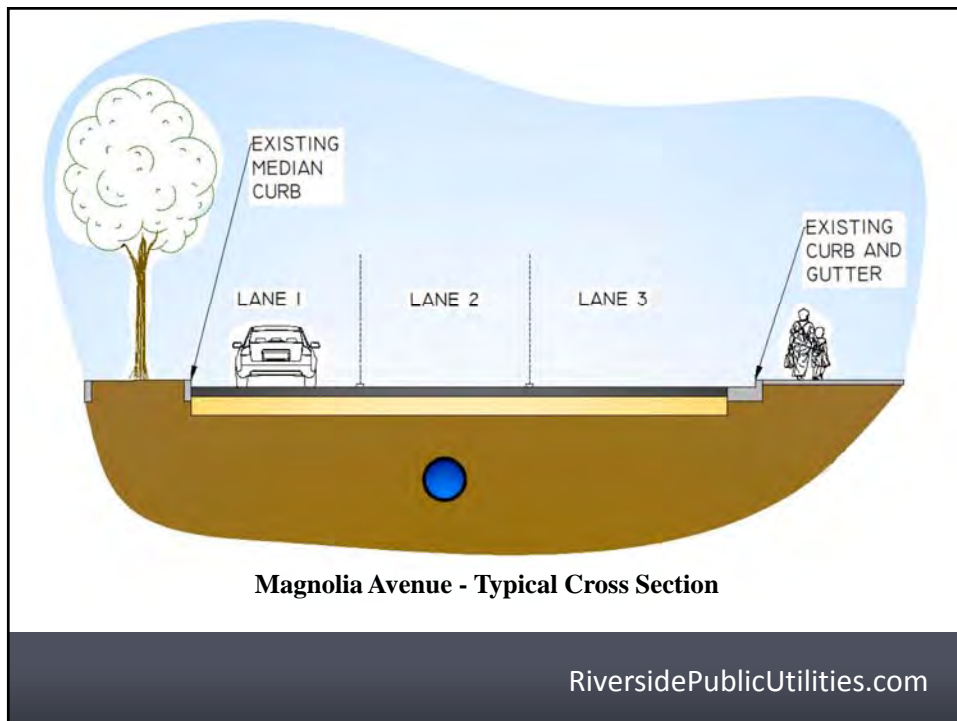
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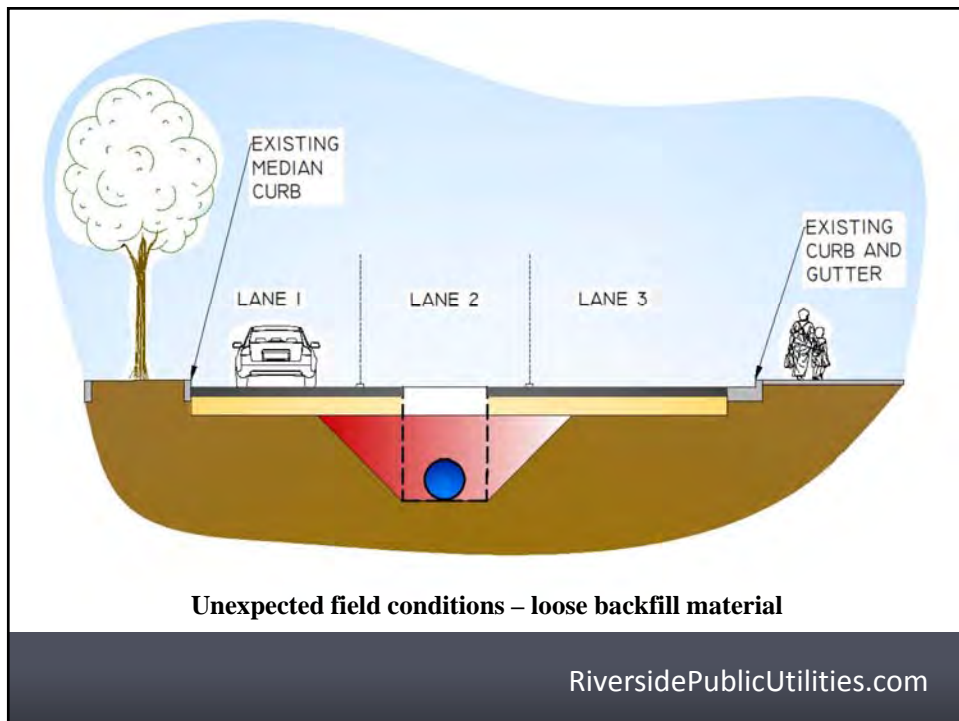
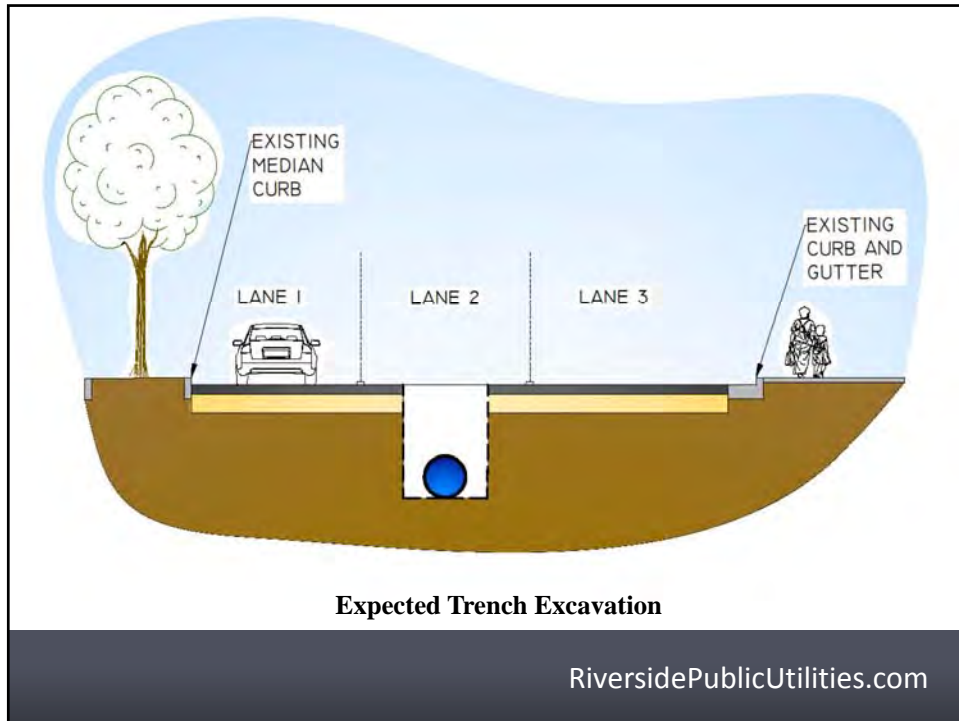


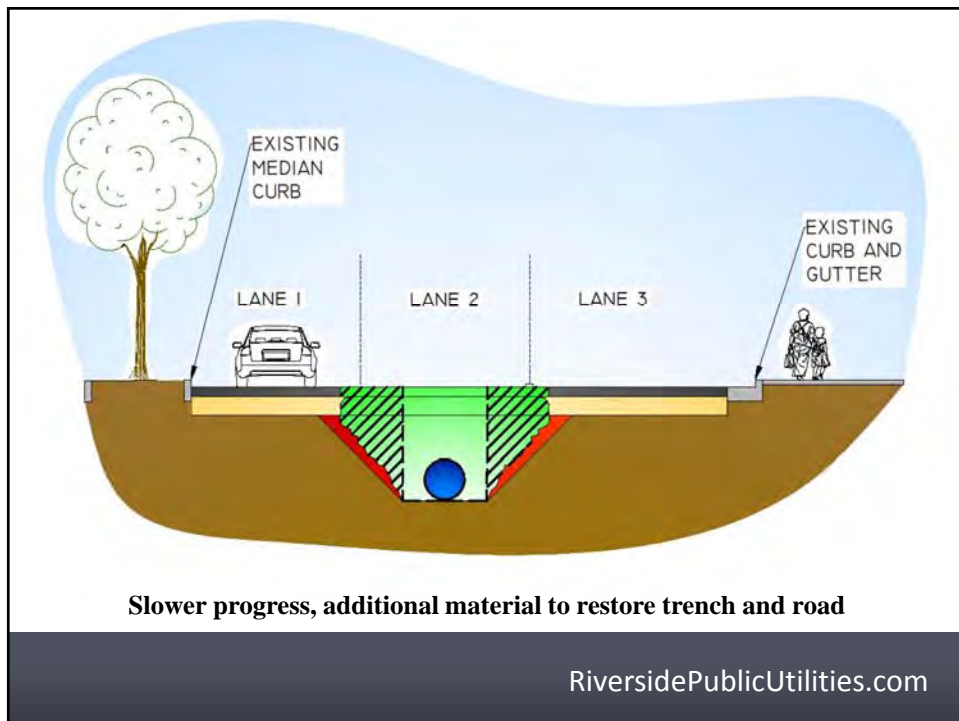
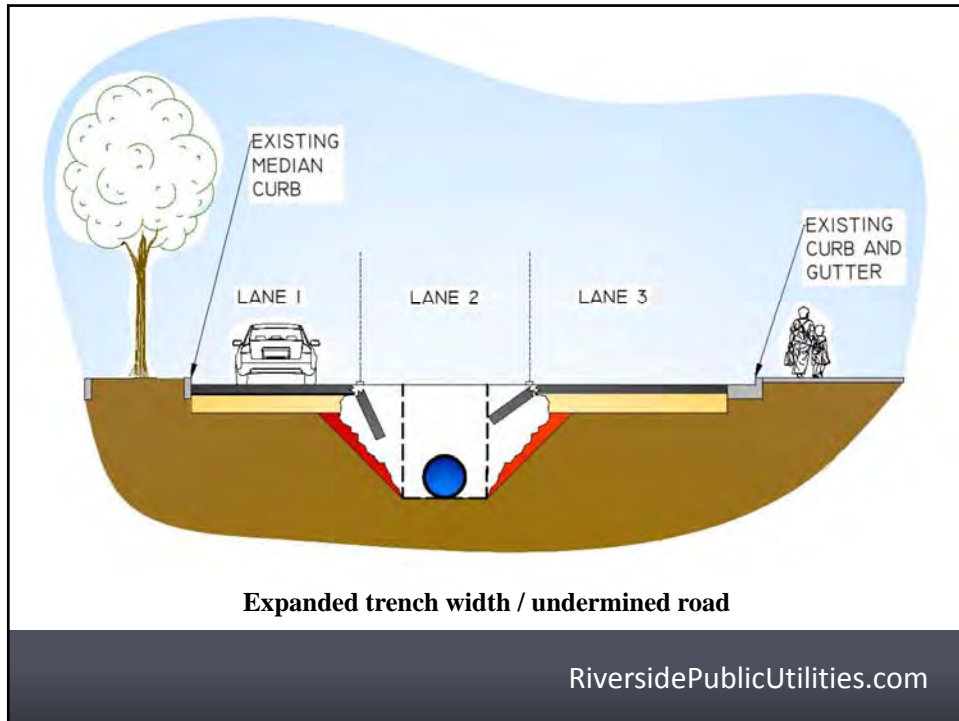
PROJECT DETAILS

- Remove 1,238 linear feet of Techite pipe
 - Plastic pipe reinforced by fiberglass
- Install 36-inch Steel Pipe

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TRENCH EXCAVATION

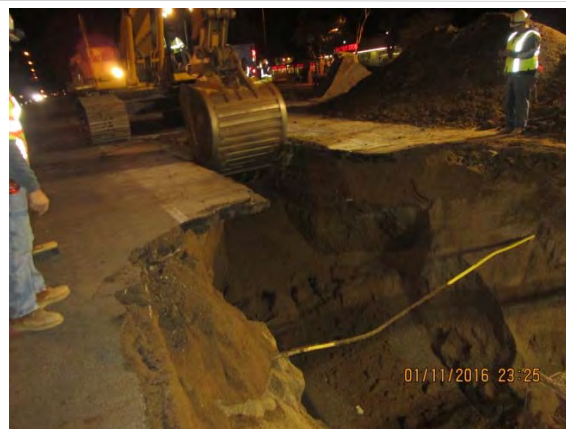


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EXPANDED TRENCH



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ADDITIONAL BACKFILL MATERIAL



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WIDER PAVEMENT AREA



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IMPACT OF CHANGED CONDITIONS

- Increased construction time (night work)
- Increased material costs (backfill, paving)
- Total added cost \$167,000
 - Versus contingency of \$62,000

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REVISED BUDGET

<i>Description</i>	<i>Original Budget</i>	<i>Adjustment</i>	<i>Final Budget</i>
Design	\$48,843	\$0	\$48,843
Utility Potholing	\$23,000	\$0	\$23,000
Construction	\$621,961	\$0	\$621,961
Change Order Contingency	\$62,196	\$104,804	\$167,000
City Forces Construction Support	\$50,000	\$0	\$50,000
Construction Management	\$35,000	\$0	\$35,000
Inspection & Geotechnical	\$65,000	\$0	\$65,000
Total	\$906,000	\$104,804	\$1,010,804

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RECOMMENDATIONS

That the Board of Public Utilities

1. Approve an increase of \$104,804 for Work Order No. 1406072 for the Magnolia Avenue Techite Replacement Project – Bid No. RPU-7346; and
2. Authorize the issuance of a change order in the amount of \$167,000 (26.85%) to Trautwein Construction, Inc. of Riverside, California.

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