

MCKINLEY STREET GRADE SEPARATION WATER PIPELINE RELOCATION PROJECT

Riverside Public Utilities

Board of Public Utilities
August 9, 2021

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BACKGROUND

1. McKinley Street Grade Separation Project – City of Corona.
 - a. New four-lane bridge over the BNSF Railroad tracks.
 - b. Relieves traffic congestion and improves safety.
2. RPU water facilities conflict with the proposed project.
3. January 25, 2021 – RPU Board recommended City Council approve:
 - a. Cooperative Agreement with Corona.
 - b. Corona to reimburse RPU 100% of the costs to relocate.
4. February 9, 2021 – City Council approved the Cooperative Agreement with Corona.

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BACKGROUND (CONT.)

5. The water pipeline relocations will facilitate construction of the grade separation project.
6. the new water facilities will improve the operation and reliability of the water system.
7. Customer Outreach
 - a. Project informational website developed.
 - b. Project notification letter prepared to be mailed.
 - c. Staff to reach out to customers during construction.



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STRATEGIC PLAN ALIGNMENT

Project aligns with Strategic Priority No. 6 Infrastructure, Mobility and Connectivity and Goal No. 6.2 – Maintain, protect, and improve assets and infrastructure within the City's built environment to ensure and enhance reliability, resiliency, sustainability, and facilitate connectivity.

Aligns with each of the five Cross-Cutting Threads as follows:

1. **Community Trust** – This project is a small part of a much larger project that underwent a significant public outreach campaign, which included numerous public meetings and extensive collaboration with the key stakeholders to receive public input and build community trust.
2. **Equity** – RPU endeavors to provide safe and reliable water service to all its customers. Since RPU's water system is an interconnected network, investments made to individual parts of the system improve the reliability of the overall system, thereby providing an equitable benefit to all customers.
3. **Fiscal Responsibility** – RPU financial resources will not be used to fund this project since it will be funded entirely by the City of Corona. However, the lowest price for the construction services was ensured through a competitive bidding process.
4. **Innovation** – A collaborative and innovative approach was used to relocate the conflicting water facilities in such a way to minimize potential disruptions to the community in the future.
5. **Sustainability & Resiliency** – The construction materials specified for this project are considered best practices in the industry and are expected to last well into the future. The ductile iron pipe to be used for this project is sourced from recycled materials.

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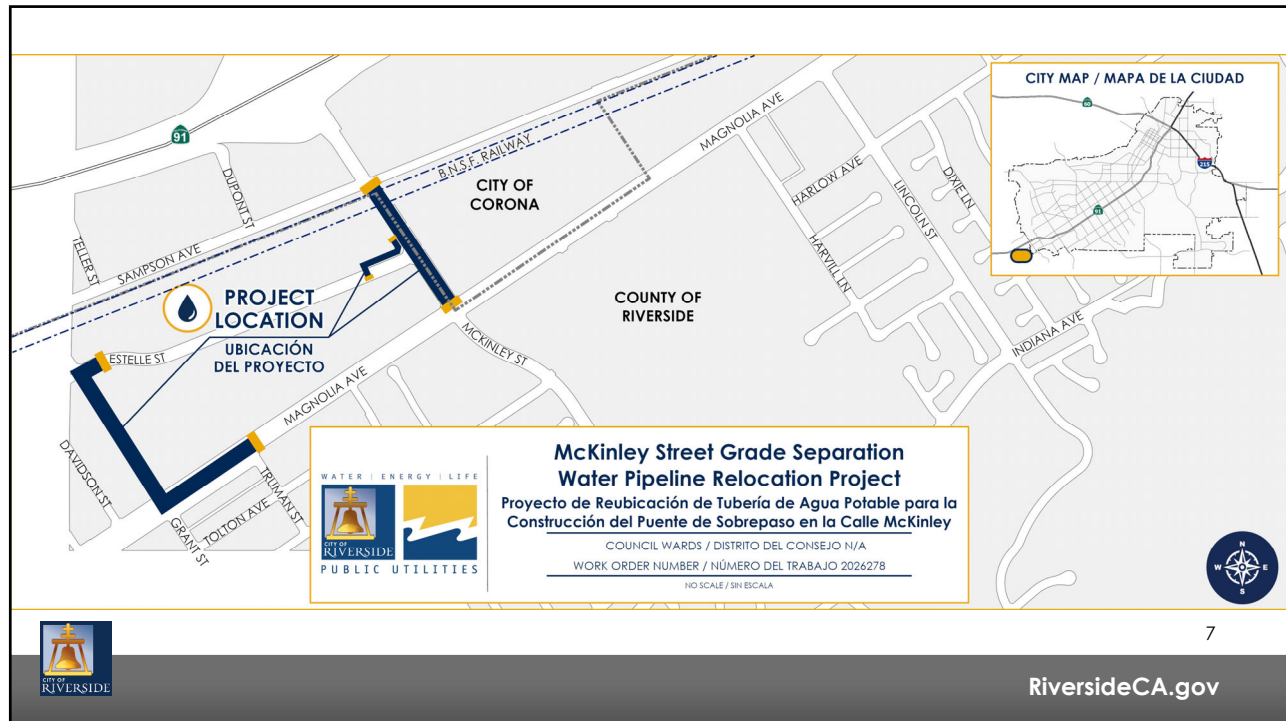
GRADE SEPARATION CONCEPTUAL RENDERING



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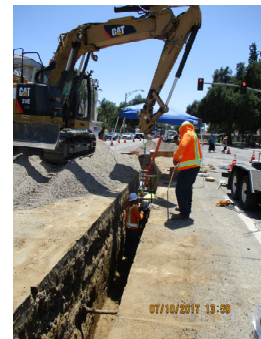


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PROJECT DESCRIPTION

1. Ductile iron pipe
 - a. 2,390 feet of 12-inch
 - b. 1,000 feet of 8-inch
2. 14 water services



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PROJECT DESCRIPTION (CONT.)

3. Three Fire Hydrants



4. Trench Repaving



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BID RESULTS

1. April 21, 2021 – Project advertised
2. April 29, 2021 – Pre-bid conference
3. June 23, 2021 – Bids opened
4. Eleven bids received



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BID RESULTS (CONT.)

Rank	Vendors	City Location	Bid Total
1.	Big Ben Inc.	Irvine, CA	\$1,805,037.00
2.	Ferreira Coastal Construction Company	Rancho Cucamonga, CA	\$1,882,985.00
3.	Griffith Company	Brea, CA	\$1,970,113.00
4.	G. Hurtado Construction Inc.	Riverside, CA	\$2,080,766.00
5.	Kana Pipeline, Inc.	Riverside, CA	\$2,147,164.00
6.	Becker Pipeline Company	Riverside, CA	\$2,198,297.00
7.	TE Roberts, Inc.	Orange, CA	\$2,379,319.00
8.	C.P. Construction Co., Inc.	Ontario, CA	\$2,382,190.00
9.	Kirtley Construction, Inc.	San Bernardino, CA	\$2,481,719.00
10.	Colich & Sons L.P.	Gardena, CA	\$2,679,180.00
11.	Dominguez General Engineering, Inc.	Pomona, CA	\$2,832,135.00

► Engineer's Construction Cost Estimate \$2,100,000

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REQUEST FOR PROPOSALS

1. April 8, 2021 – RFP issued
2. May 3, 2021 – Proposal submission due date
3. Eight proposals received

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REQUEST FOR PROPOSALS (CONT.)

Rank	Vendors	City Location	Proposal Amount	Negotiated Fee
1.	KOA Corporation	Monterey Park, CA	\$108,200.00	\$103,700.00
2.	Z&K Consultants, Inc.	Corona, CA	\$118,680.00	N/A
3.	MWH Constructors, Inc.	Pasadena, CA	\$131,485.00	N/A
4.	Albert A. Webb Associates	Riverside, CA	\$115,100.00	N/A
5.	Merrell Johnson Engineering	Apple Valley, CA	\$104,720.00	N/A
6.	Dudek	Encinitas, CA	\$114,800.00	N/A
7.	Interwest Consulting Group, Inc.	Irvine, CA	\$125,100.00	N/A
N/A	Protech Inspection (non-responsive)	Palm Desert, CA	\$102,700.00	N/A

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PROJECT BREAKDOWN

Project and Fiscal Breakdown		
Work Type:	Performed By:	Amount:
Design and Survey	Internal Staff	\$100,759.30
Construction	Big Ben, Inc.	\$1,805,037.00
Construction Support, System Connections and Service Tie-overs	Internal Staff	\$85,000.00
Engineering Support and Construction Management	Internal Staff	\$60,000.00
Inspection	KOA Corporation	\$103,700.00
Geotechnical and Materials Testing	Vendor to be Determined (Informal Procurement)	\$25,000.00
Construction Contingencies	N/A	\$180,503.70
Work Order Total:		\$2,360,000
Reimbursements:	Total Project Cost by City of Corona	
Anticipated Start Date:	September 2021	
Anticipated Duration:	4 Months	

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RECOMMENDATIONS

That the Board of Public Utilities recommend that the City Council:

1. Authorize an additional increase in estimated revenue in the amount of \$270,000 to the Water Fund (520 Undesignated Reserve Fund) and appropriate additional expenditures in the same amount to the Corona McKinley Grade Separation Water Pipeline Relocation Project Account No. 6810180-440309, with at least five affirmative votes;
2. Award Bid No. RPU-7779 to Big Ben, Inc., of Irvine, California, in the amount of \$1,805,037.00 for the construction of the McKinley Street Grade Separation Water Pipeline Relocation Project;
3. Authorize staff to issue change orders to the Big Ben, Inc. Construction Contract in an amount not to exceed 10% of the original contract price, or \$180,503.70, for Bid No. RPU-7779;



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RECOMMENDATIONS (CONT.)

4. Approve a Professional Consultant Services Agreement from RFP-2091 for Inspection Services with KOA Corporation, of Monterey Park, California, in a not-to-exceed amount of \$103,700.00 through March 1, 2022;
5. Approve an additional capital expenditure of \$270,000 for a revised total capital expenditure for Work Order No. 2026278 in the amount of \$2,360,000 which includes all design, construction, construction support, contract administration, inspection and construction change order authority costs for the McKinley Street Grade Separation Water Pipeline Relocation Project;
6. Authorize the City Manager, or designee, to execute any documents necessary to effectuate the project described herein, as well as the ability to make minor non-substantive changes in alignment with all purchasing policies.



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