



Colorado Avenue and Toyon Road Water Distribution Main Replacement Project

Riverside Public Utilities

Board of Public Utilities
May 22, 2017

RiversideCA.gov

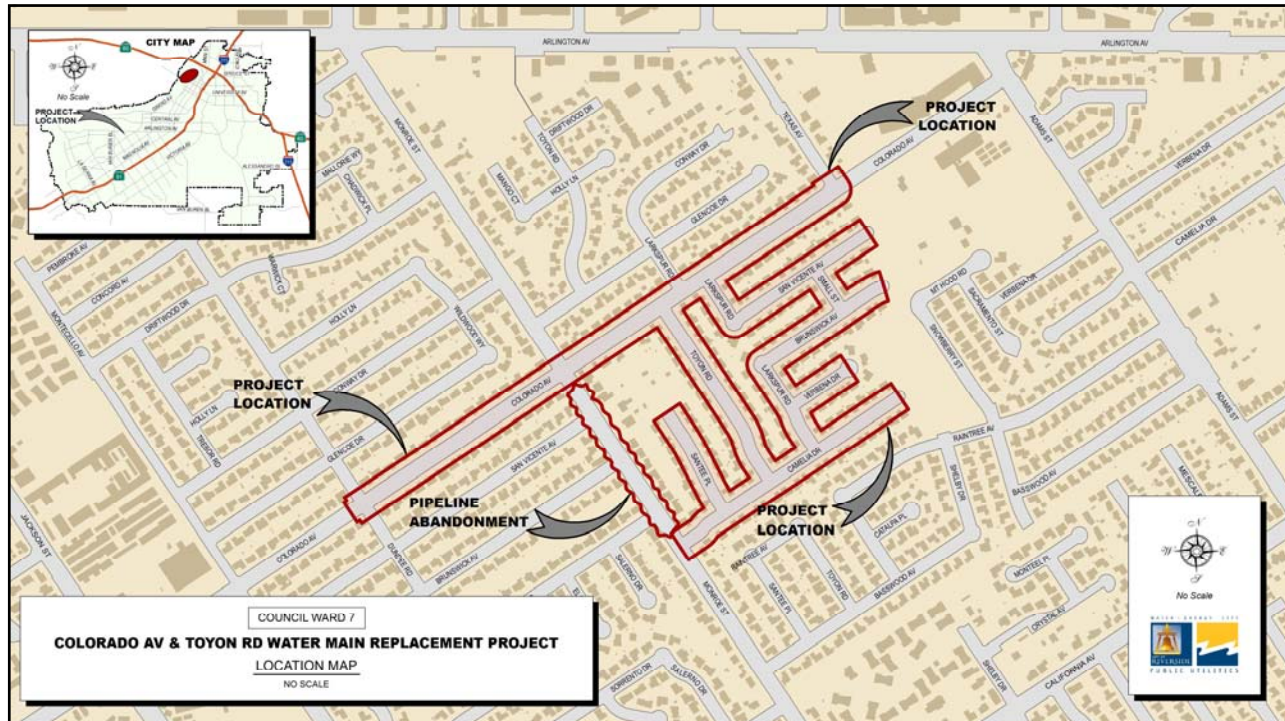
BACKGROUND

1. Existing 4-inch and 6-inch cast iron pipe
2. Installed between 1955 and 1964
3. High priority replacement



2

RiversideCA.gov



PROJECT DESCRIPTION

1. Ductile Iron Pipe
 - a) 110 feet of 12-inch
 - b) 8,130 feet of 8-inch
 - c) 50 feet of 6-inch
 - d) 870 feet of 4-inch



PROJECT DESCRIPTION (CONT.)

1. 26 fire hydrants



2. 209 water services



5

RiversideCA.gov

PROJECT DESCRIPTION (CONT.)

3. 13 system connections



4. Paving per PW standards



6

RiversideCA.gov

PROJECT DESCRIPTION (CONT.)

1. Work on Monroe Avenue:
 - a) Relocate 36 existing services
 - b) Abandon 2,100 feet of old 4- and 6-inch cast iron pipe



7

RiversideCA.gov

BID RESULTS

	<u>COMPANY</u>	<u>CITY LOCATION</u>	<u>BID TOTAL</u>
1.	Mamco, Inc. dba Alabbasi	Perris, CA	\$2,077,777.00
2.	C.P. Construction Co., Inc.	Ontario, CA	\$2,247,071.00
3.	T.E. Roberts, Inc.	Orange, CA	\$2,381,124.00
4.	Hemet Mfg. Co. Inc. dba Genesis Construction	Hemet, CA	\$2,484,930.00
5.	Trautwein Construction	Riverside, CA	\$2,593,501.00
6.	DDH Apple Valley Construction, Inc.	Apple Valley, CA	\$2,665,971.00
7.	Kana Pipeline, Inc.	Riverside, CA	\$2,883,670.00

► Engineer's Construction Cost Estimate \$2,945,000



8

RiversideCA.gov

PROJECT BREAKDOWN

Engineering Performed By:	RPU Engineering staff
Construction Performed By:	Mamco, Inc. dba Alabbasi
Anticipated Start Date:	July 2017
Anticipated Duration:	7 months
Coordination Required With:	<ul style="list-style-type: none"> RPU Field Forces
Reimbursements:	None



9

RiversideCA.gov

PROJECT BUDGET BREAKDOWN

Description	Cost	Percent of Total
Design	\$149,445.30	5.0%
Construction (Mamco, Inc. dba Alabbasi)	\$2,077,777.00	69.8%
Construction Contingencies	\$120,777.70	4.0%
System Connections and Service Tie-overs	\$400,000.00	13.4%
Construction Management and Engineering Support	\$100,000.00	3.4%
Inspection and Geotechnical Testing	\$130,000.00	4.4%
Work Order Total	\$2,978,000.00	100.0%



10

RiversideCA.gov

FY 2016/17 PROJECT SUMMARY

Project Name	Construction Performed By	Budget (Millions)	Length (Miles)	Percent of Planned
Arroyo Drive	Contractor	\$2.0	1.3	23%
Brockton and Palm	Contractor	\$0.7	0.1	2%
Tenth and Eleventh	City Forces	\$1.7	0.8	14%
Ambs Drive	City Forces	\$1.5	1.0	17%
Magnolia and Ramona	Contractor	\$2.7	1.5	26%
Colorado and Toyon	Contractor	\$3.0	1.7	30%
Total		\$11.6	6.4	111%
Planned FY16/17		\$7.6	5.8	



11

RiversideCA.gov

RECOMMENDATIONS

That the Board of Public Utilities:

1. Award a contract for the construction of the Colorado Avenue and Toyon Road Water Distribution Main Replacement Project – Bid No. RPU-7475 to the lowest responsive and responsible bidder, Mamco, Inc. dba Alabbasi of Perris, California, in the amount of \$2,077,777; and
2. Approve the capital expenditure of \$2,978,000 for Work Order No. 1513392, which includes all design, construction, paving, contract administration, inspection and construction contingency costs for the Colorado Avenue and Toyon Road Water Distribution Main Replacement Project.



12

RiversideCA.gov