



## Magnolia Avenue and Ramona Drive Water Distribution Main Replacement Project

Riverside Public Utilities

Board of Public Utilities April 10, 2017

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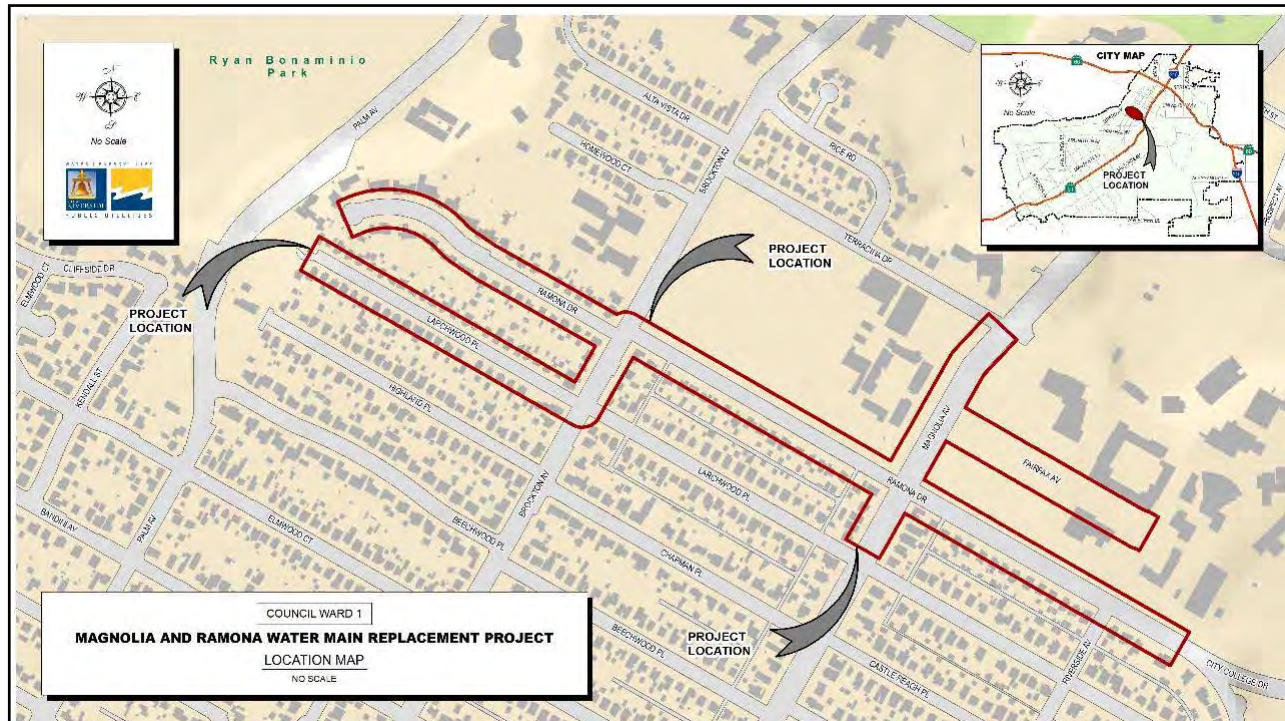
### BACKGROUND

1. Existing 8-inch Matheson Steel and 4-inch cast iron
2. Installed between 1916 and 1931
3. High Priority Replacement



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## PROJECT DESCRIPTION

1. 2,700 linear feet of 12-inch ductile iron pipe
2. 5,160 linear feet of 8-inch ductile iron pipe
3. 22 fire hydrants
4. 139 water services
5. 13 system connections
6. Paving per Public Works standards



## BID RESULTS

	<u>COMPANY</u>	<u>CITY LOCATION</u>	<u>BID TOTAL</u>
1.	Sully-Miller Contracting Co.	Brea, CA	\$1,984,777.00
2.	O'Duffy Bros, Inc.	Romoland, CA	\$2,017,800.00
3.	Big Ben Engineering	Irvine, CA	\$2,138,955.00
4.	Hemet Mfg. Co. Inc. dba Genesis Construction	Hemet, CA	\$2,149,500.00
5.	E.J. Meyer Company	Highland, CA	\$2,151,111.00
6.	Trautwein Construction	Riverside, CA	\$2,179,320.00
7.	Ferreira Construction dba Ferreira Coastal Construction	Chino, CA	\$2,263,132.00
8.	Kana Pipeline, Inc.	Riverside, CA	\$2,276,000.00
9.	C.P. Construction Co., Inc.	Ontario, CA	\$2,280,450.00
10.	T.E. Roberts, Inc.	Orange, CA	\$2,353,640.00
11.	Christensen Brothers General Engineering Inc.	Apple Valley, CA	\$2,415,520.00
12.	Downing Construction, Inc.	Redlands, CA	\$2,437,210.00
13.	Dominguez General Engineering, Inc.	Pomona, CA	\$2,494,560.00
14.	Colich & Sons L.P.	Gardena, CA	\$2,777,120.00
15.	TK Construction	San Bernardino, CA	\$2,837,564.00
16.	TBU Inc.	Beaumont, CA	\$2,852,500.00
17.	DDH Apple Valley Construction, Inc.	Apple Valley, CA	\$3,158,454.00
18.	MCC Pipeline, Inc.	Yucaipa, CA	\$3,786,840.20



► Engineer's Construction Cost Estimate \$2,194,000

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## PROJECT BREAKDOWN

Engineering Performed By:	RPU Engineering staff
Construction Performed By:	Sully-Miller Contracting Co.
Anticipated Start Date:	May 2017
Anticipated Duration:	6 months
Coordination Required With:	<ul style="list-style-type: none"> <li>▪ RPU Field Forces</li> <li>▪ Riverside Community College</li> <li>▪ Central Middle School</li> </ul>
Reimbursements:	None



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## PROJECT BUDGET BREAKDOWN

Description	Cost	Percent of Total
Design	\$79,375.23	2.9%
Construction (Sully-Miller Contracting Co.)	\$1,984,777.00	73.4%
Construction Contingencies	\$119,847.77	4.4%
System Connections and Service Tie-overs	\$300,000.00	11.1%
Construction Management and Engineering Support	\$90,000.00	3.3%
Inspection and Geotechnical Testing	\$130,000.00	4.8%
<b>Work Order Total</b>	<b>\$2,704,000.00</b>	<b>100.0%</b>



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## RECOMMENDATIONS

That the Board of Public Utilities:

1. Award a contract for the construction of the Magnolia Avenue and Ramona Drive Water Distribution Main Replacement Project – Bid No. RPU-7464 to the lowest responsive and responsible bidder, Sully-Miller Contracting Co. of Brea, California, in the amount of \$1,984,777; and
2. Approve the capital expenditure of \$2,704,000 for Work Order No. 1107917, which includes all design, construction, paving, contract administration, inspection and construction contingency costs for the Magnolia Avenue and Ramona Drive Water Distribution Main Replacement Project.



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