

**STREETLIGHT INSTALLATION, ELECTRIC FACILITIES
RELOCATION, AND FIBER INFRASTRUCTURE INSTALLATION
COMPONENTS OF PUBLIC WORKS BID NO. 7631 FOR
MAGNOLIA AVENUE STREET IMPROVEMENTS PROJECT WITH
ALL AMERICAN ASPHALT FOR A TOTAL CAPITAL EXPENDITURE
OF \$1,509,000**

Riverside Public Utilities – Energy Delivery

Board of Public Utilities
December 9, 2019

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BACKGROUND

1. January 8, 2014 – Riverside County Transportation Commission (RCTC) approved funding for Magnolia Avenue Improvement Project between Buchanan Street and Banbury Drive
2. June 9, 2014 – Agreement between the City of Riverside and RCTC in the amount of \$2,620,000 for construction of the project
3. The City of Riverside Public Works Department will be starting construction work for the project, Federal Project No. STPL-5058(102)

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BACKGROUND

In coordination with Public Works (PW), Riverside Public Utilities (RPU) will:

1. Install a new streetlight system to improve lighting in the area
2. Relocate existing underground structures and electric distribution facilities along Magnolia to accommodate a new sewer line
3. Install new fiber infrastructure along Magnolia Avenue as part of the fiber business plan

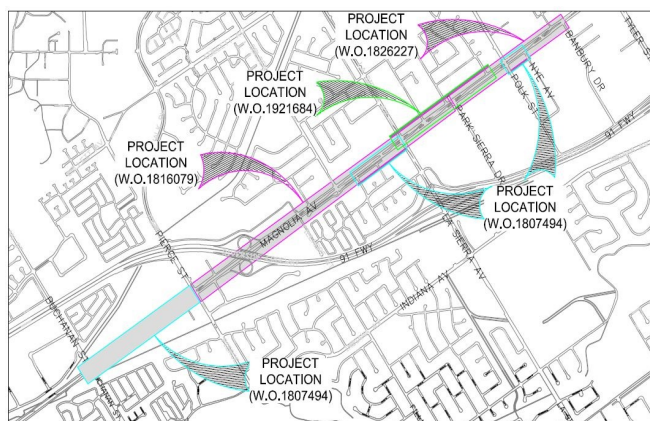
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PROJECT LOCATION

1. Magnolia Avenue from Buchanan Street to Banbury Drive
2. Customers will be notified in advance before the start of work
3. Electric service disruptions will be coordinated to minimize impact to customers



MAGNOLIA AVENUE STREET IMPROVEMENTS PROJECT
WO# 1807494, 1921684, 1816079 & 1826227

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SCOPE OF WORK

Streetlight Installation

1. 13 new streetlight standards
2. 2,459 trench feet
3. 2,559 feet of conduit
4. 2 pull-boxes
5. 3,438 circuit feet secondary cables



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SCOPE OF WORK

Electric Facilities Relocation

1. 300 feet of conduit
2. 260 trench feet
3. 1,000 circuit feet of primary cables
4. Removal of 970 circuit feet of primary cable and 280 feet of conduit



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SCOPE OF WORK

Fiber Infrastructure Installation

1. 3,600 trench feet of fiber conduit
2. 2,700 feet of fiber conduit in abandoned water pipeline
3. 11 communication pull-boxes from Pierce Street to Banbury Drive



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BENEFITS

1. Addition of traffic lanes on both directions of Magnolia Avenue
2. Improves street lighting in the area
3. Increases electric system reliability and safety
4. Reduces system operations and response time to outages
5. Project coordination with Public Works to reduce impact to streets and customers during construction

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BID RESULTS

VENDORS	CITY LOCATION	STREET LIGHT AMOUNT WO No. 1807494	Electric Facilities Amount WO No. 1921684	Fiber Infrastructure Amount		BID AMOUNT	RANK
				WO No. 1816079	WO No. 1826227		
All American Asphalt	Corona, CA	\$284,990.20	\$93,309.00	\$298,220.00	\$501,094.00	\$13,138,339.25	1st
R.J. Noble Company	Orange, CA	\$265,450.40	\$79,813.60	\$275,600.00	\$435,288.00	\$13,422,163.66	2nd
Sialic Contractors	Downey, CA	\$167,941.00	\$76,090.00	\$159,340.00	\$155,864.00	\$12,069,965.95	Bid Withdrawn

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PROJECT AND FISCAL BREAKDOWN

Project and Fiscal Breakdown		Streetlight Installation – Work Order No. 1807494	Electric Facilities Relocations – Work Order No. 1921684	Fiber Infrastructure Installation	
				Work Order No. 1816079	Work Order No. 1826227
Work Type	Performed By:	Amount (\$)	Amount (\$)	Amount (\$)	Amount (\$)
Electrical Work:	RPU Field Forces	\$47,473.00	\$28,878.40	\$0.00	\$0.00
Civil Construction:	All American Asphalt	\$284,990.20	\$93,309.00	\$298,220.00	\$501,094.00
Design and Inspection	RPU	\$21,037.80	\$15,481.60	\$49,958.00	\$50,796.00
Construction Contingency – Contract (10%)		\$28,499.00	\$9,331.00	\$29,822.00	\$50,110.00
Work Order Total:		\$382,000.00	\$147,000.00	\$378,000.00	\$602,000.00
Total Capital Expenditure					\$1,509,000
Anticipated Start Date:	January 2020				
Anticipated Duration:	12 weeks				

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RECOMMENDATIONS

That the Board of Public Utilities:

1. Approve the expenditure in the amount of \$1,177,613.20 with All American Asphalt, of Corona, California, for the streetlight installation, electric facilities relocation, and fiber infrastructure installation components of the Public Works BID No. 7631 for Magnolia Avenue Street Improvements Project from Buchanan Street to Banbury Drive;
2. Approve Work Order No. 1807494 in the amount of \$382,000 for the streetlight installation work associated with the Public Works Bid No. 7631 for the Magnolia Avenue Improvements Project from Buchanan Street to Banbury Drive;

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RECOMMENDATIONS

3. Approve Work Order No. 1921684 in the amount of \$147,000 for the electric facilities relocation work associated with the Public Works Bid No. 7631 for the Magnolia Avenue Improvements Project from Buchanan Street to Banbury Drive;
4. Approve Work Order No. 1816079 in the amount of \$378,000 for the fiber infrastructure installation work associated with the Public Works Bid No. 7631 for the Magnolia Avenue Improvements Project from Buchanan Street to Banbury Drive; and
5. Approve Work Order No. 1826227 in the amount of \$602,000 for the fiber infrastructure installation work associated with the Public Works Bid No. 7631 for the Magnolia Avenue Improvements Project from Buchanan Street to Banbury Drive.

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