



WOOD STREETS STREETLIGHT REPLACEMENT PROJECT PHASE 2

Riverside Public Utilities-Energy Delivery

Board of Public Utilities
February 13, 2017

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BACKGROUND

1. October 18, 2013 - Board approved Work Orders No. 0809099 and 0809101 for \$1,909,600 for Wood Streets Streetlight Replacement Project Phase 1
2. Phase 1 – installed 205 new streetlight standards which are replicas of the original historic acorn style luminaire
3. Replica feature LED lamps for greater energy efficiency and longer life
4. Approved by the Cultural Heritage Board and supported by Neighbors of the Wood Streets (NOW)

2



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ORIGINAL VS. REPLICA

Original



Replica



3

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ORIGINAL VS. REPLICA

Historical Acorn Top



Replica Acorn Top w/LED



4

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AGING INFRASTRUCTURE

1. 100 year old streetlight system is deteriorated and needs to be replaced
2. Compromised cables create safety hazard
3. Deteriorated concrete streetlight standards are unsightly and pose a safety, maintenance, and liability concern



5

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AGING INFRASTRUCTURE

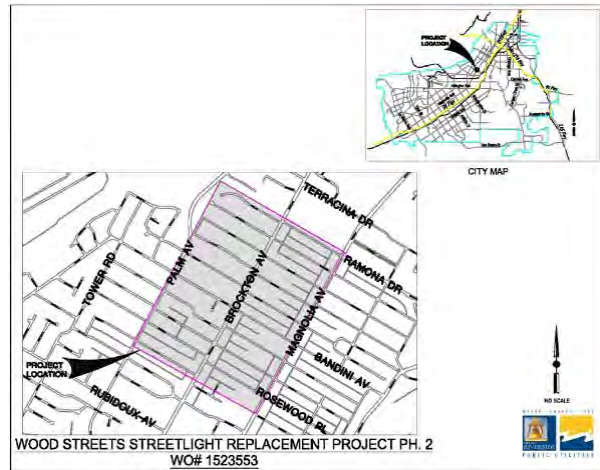


6

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PROJECT LOCATION

1. Phase 2 - North of Magnolia Avenue to Palm Avenue between Ramona Drive and Jurupa Avenue
2. Upgrade existing streetlight system in the area
3. Improves system reliability and safety



7

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SCOPE OF WORK

1. Install 187 new concrete streetlight standards
2. 24,000 feet of trench and backfill
3. 25,000 feet of underground conduit
4. 113 streetlight pull-boxes



8

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SCOPE OF WORK CONT.

5. 29,229 circuit feet of new secondary cables
6. Tree trimming and street paving
7. Remove existing aged streetlight facilities
8. 17 weeks to complete work



9

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BENEFITS

1. Increases streetlight system operations and safety
2. Improves streetlight system reliability and energy efficiency
3. Improves overall street lighting levels in the area
4. Reduces overall streetlight system maintenance cost and energy losses
5. LED lamps are 77% more efficient



10

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CONTRACT BIDS

1. November 22, 2016 – RPU-7416 Bid was posted
2. December 23, 2016 – Bids closed

Vendors	City Location	Bid Amount	Rank
1. International Line Builder's, Inc.	Riverside, CA	\$1,963,203.11	1
2. Asplundh Construction Corp.	Anaheim, CA	\$2,148,327.18	2
3. California Professional Engineering, Inc.	La Puente, CA	\$2,446,562.24	Non-Responsive
4. E.E. Electric, Inc.	Mira Loma, CA	\$2,555,753.15	4
5. Foddrill Construction Corp.	Chino, CA	\$2,908,659.80	5
6. Henkels & McCoy	Pomona, CA	\$3,044,160.30	6
7. DBX, Inc.	Temecula, CA	\$3,360,190.00	7
➤ Engineer's Estimate	\$2,064,639		

11



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FISCAL IMPACT

Description	Amount (\$)	% of Total
Design, Construction Management, Inspection, Contingency	\$336,796.89	15%
Construction Contract	\$1,963,203.11	85%
Total	\$2,300,000.00	100%

12



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RECOMMENDATIONS

That the Board of Public Utilities:

1. Award Bid No. RPU-7416 for the Wood Streets Streetlight Replacement Project Phase 2 to International Line Builder's, Inc., of Riverside, California, in the amount of \$1,963,203.11; and
2. Approve Work Order No. 1523553 in the amount of \$2,300,000



13

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