



ORANGE STREET POLICE STATION BUILDING FIBER RE-ROUTE – WORK ORDER NO. 2619755 FOR A TOTAL CAPITAL EXPENDITURE OF \$142,506

Riverside Public Utilities

Board of Public Utilities

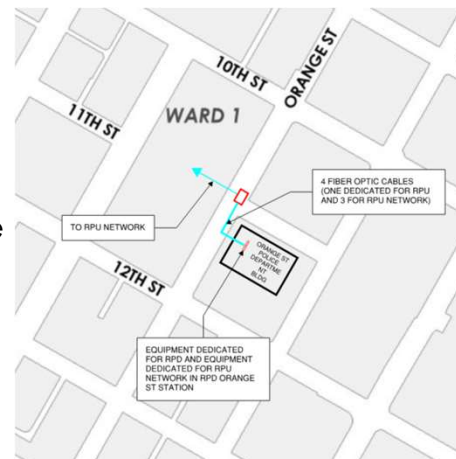
June 22, 2026

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BACKGROUND

1. RPU operates an advanced broadband fiber optic cable network to support Operational Technology applications, including critical systems such as SCADA, radio communications, and telephone services.
2. The RPU Fiber Optic Network connects to the Riverside Police Department Orange Street Station building.
3. The building serves as an RPU Network hub with four (4) Fiber optic cables connecting to other facilities and providing redundancy.



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DISCUSSION

1. The Orange Street Station is scheduled to be demolished in the summer of 2026 and replaced with a new building in the same location in 2028.
2. The project will also allow RPU to relocate fiber-optic equipment that supports the broader communications network, but does not directly serve the Police Department, outside of the building.
3. No outages or compromises to the communications network are anticipated.



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RPU WORK PLAN/PHASE I (SUMMER OF 2026)

1. Install a new exterior cross-connect cabinet on Orange Street.
2. Trench from the existing maintenance hole to the new cabinet and install new conduit.
3. Remove existing fiber cables from the Orange Street Station building before demolition.
4. Pull back four (4) existing fiber cables and coil them in the existing maintenance hole.
5. Reuse three (3) existing cables to connect RPU's network to the new cabinet.
6. Repave Orange Street after construction.



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PHASE I – CROSS CONNECT COMMUNICATION CABINET

1. Organizes and protects fiber optic connections
2. Provides a central point for cable termination and splicing
3. Enables easy routing, testing, and maintenance
4. Supports reliable network distribution and future expansion



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RPU WORK PLAN/PHASE II (2028)

1. Install a new fiber patch panel inside the new Police Headquarters.
2. Install a new fiber connection from the exterior cross-connect cabinet to the new building.
3. Test and activate the new fiber connection.
4. Restore dedicated fiber service to the new Orange Street Station.



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COST SHARING

1. RPU share: Work that improves the broader RPU fiber network and relocates equipment outside the building for better access and long-term reliability.
2. RPD share: Work needed to restore dedicated fiber service to the new Police Department building.
3. RPD reimbursement to RPU: \$46,953
4. Total work order: \$132,551



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PROJECT & FISCAL BREAKDOWN

Work Type	Performed By:	Total Amount (\$)	RPU Share	RPD Share
Project Management and Engineering	RPU Engineering Staff	\$12,622	\$6,311	\$6,311
Civil Construction	RPU Field Forces	\$34,952	\$34,952	\$0
Street Resurfacing	Paving Contractor	\$30,000	\$30,000	\$0
Fiber Installation Work	RPU Field Forces	\$27,180	\$2,335	\$24,845
Material Procurement		\$24,797	\$9,000	\$15,797
Sub-total		\$129,551	\$82,598	\$46,953
Contingency (10%) Street Resurfacing Contractor		\$3,000	\$3,000	\$0
Work Order Total		\$132,551	\$85,598	\$46,953
Reimbursements				\$46,953
Anticipated Start Date				June 2026
Anticipated Duration				24 months ⁸



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RECOMMENDATION

That the Board of Public Utilities approve the capital expenditure for Work Order No. 2619755 in the amount of \$132,551 for the Orange Street Police Station Fiber Re-route Project

