

Operations Report
RMU Board of Public Works Meeting

Date of Report:
June 3, 2025

CURRENT WORK	
Location and Description	Timeline
Electric	
March 14, 2025 tornado: Restoration of damage to electric infrastructure.	In progress
Wyman Substation: New underground primary conductors from substation to overhead distribution system.	In progress
Lions Club Drive from Rolla Street to Bishop Avenue (Hwy 63): Work associated with developing connection between Bridge School Road and Dewing Substations.	In progress
Pine Street from 12th Street to Bishop Avenue: New roadway lighting as part of City of Rolla street project.	Pending procurement by City.
Main Street from 10th Street to 11th Street and 11th Street from Main Street to alley east of Rolla Street: New underground distribution system to eliminate overhead in alley east of Rolla Street between 10th and 11th Streets (and some additional overhead) plus provide service to new construction at 1008 North Rolla Street.	In progress
1011 West 14th Street: Commercial development that will included new electric service and requiring relocation of some existing overhead electric distribution facilities serving adjacent customers.	Completed
500 South Bishop (WalMart): Owner initiated project to reconfigure from two electric services to one.	Scheduled to be in service week of June 2, 2025.
500 South Bishop (WalMart): Revise electric distribution system.	Completed
Distribution circuit connection between Dewing Substation and Bridge School Road Substation: Strobach Street to Lester Drive to Adrian Avenue	In progress
Highway E Sidewalk Improvements - Vista Drive to north City Limits: Improvements to roadway lighting in conjunction with City project.	Construction by City's contractor in underway.
612 North Pine Street renovations	Pending work by developer's contractor.
611 North Pine Street: Reconfiguration of primary electric so that property owner can relocate electric meters.	Pending work by developer's contractor.
Rustic Lakes RV Camping (Bridge School Road): Electric services to new development.	Pending work by developer's contractor.
Bridge School Road between Blues Lake Parkway and Bridge School Road Substation: Conversion of overhead electric to underground electric in conjunction with new electric services to Rustic Lakes RV Camping.	Pending developer start of construction.
1630 Old Wire Outer Road: New commercial development	Pending work by developer's contractor.
875 and 901 Forum Drive: Convesion of pole mounted transformer serving 901 Forum Drive to a padmounted transformer to serve 901 Forum Drive and new construction at 875 Forum Drive.	Completed
Additional pole attachments by multiple companies expanding telecommunications infrastructure in Rolla. Additional attachments will involve hundreds of poles.	In progress
Repairs to and replacements of poles as needed as identified by pole audit. Work includes repairs to anchoring, crossarms, insulators and similar and replacement of the entire pole system if necessary. Some work has been on an emergency basis while others will take place over time depending upon the severity of the problem.	In progress
Fiber and SCADA	
March 14, 2025 tornado: Restoration of damage to electric infrastructure that also impacted fiber system.	In progress

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Nagogami Substation to Nagogami Standpipe: Extension of fiber system to reduce reliance on radios.	As time allows
Additional circuits for customer.	Additional circuit activated this month.
SCADA system: Upgrade to allow for improved remote access for RMU staff.	In progress. Deployment pending review and programming updates by developer.
Heritage Substation: Conversion of SCADA monitoring from radio to fiber.	Fall 2025
Well #4: Conversion of monitoring from radio to fiber.	In progress
HyPoint Well #1: Conversion from use of mechanical pressure monitoring system to start and stop pump to transducer.	Completed
Water	
2000 Block of North Bishop Avenue: Water distribution system improvements to relocate water system from conflict with new building and replacement of cast iron water mains.	In progress
Truman Avenue just east of Forum Drive: Upgrade to water distribution system to eliminate fire hydrant tapped to a private fire service line, adjust location of fire hydrant and replace some old main.	In progress
Highway O from Winchester Drive to Commercial Drive: Water main replacement in conjunction with RMU Service Center project.	In progress
Belmont Court: Replace service lines	In progress
Rt. 66 Preferred RV Parking: Electric and water services to new development.	Developer installing water distribution system improvements.
HyPoint Well #1: Replacement of motor starter, flow control switch, and pressure transducer.	Completed
Nagogami Pressure Zone: Pump Station construction	In progress
Nagogami Pressure Zone: Watermain improvements	In progress

AESTHETIC CHANGES THIS PERIOD	
Removal of 34.5 kV subtransmission conductor on South Bishop Avenue from Williams Road to Lanning Lane and Lanning Lane from South Bishop Avenue to Wyman Substation. Removal started as part of restoration from March 14, 2025 tornado. This portion of the 34.5 kV subtransmission system was a redundant connection to the Wyman substation.	In progress
Revisions at Wyman substation	In progress

FUTURE IDENTIFIED WORK	
Location and Description	Timeline
Electric, Water, and/or Fiber	
3701 HyPoint Blvd: Expansion	Discussions with Owner and their Consultants.

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Tim Bradley Way: Potential development	Pending feedback after request made to RMU for information about existing infrastructure
Phelps Health: New Emergency Department	Reviewing plans provided by Owner's consultants.
13063 Old Wire Outer Road: New US Department of Veterans Affairs facility	Reviewing plans provided by Owner's consultants.
The Highlands subdivision (Highway 72 South): Development of new residential subdivision.	<ul style="list-style-type: none"> - Phase 1 infrastructure plans reviewed and comments provided. - Coordinating installation of RMU electric facilities. - Coordinating contractor installation of water improvements.
Main Street from 4th Street to 11th Street: System modifications as needed in conjunction with City street, sidewalk, and stormwater project. - Existing water main will be replaced.	Pending design information from City
Cedar Trails multi-family development	Pending information from developer and/or their consultants.
18th and Bardsley intersection improvements	Review of existing utilities as provided by consultant for City
Service Center consolidation	Preparation of bid documents for procurement of Automatic Transfer Switch
Electric	
Heritage Substation: Updating of relay controls and replacement of conductor out of substation for 2 circuits that were not replaced when the other were replaced.	Fall 2025
Review of transformer sizing relative to customer loads for some larger transformer locations.	In consideration as time available and when work is done to electric service or customer facility.
Steeplechase Road (East side): Replacement of underground primary.	2025
9th Street Conversion - Phase 1 (9th and Rolla Street to 10th and State Street): Convert overhead electric distribution to underground.	2025
9th Street Conversion - Phase 2 (Elm Street to Rolla Street): Convert overhead electric distribution to underground.	2025
909 Facilities Avenue (MO S&T Temporary Research Facility): Revision to electric service to connect directly to RMU.	Pending information from University
705 South Bishop Avenue: Installation of 480 volt service for installation of EV charging	Pending information from contractor / owner
Distribution circuit connection between Dewing Substation and Bridge School Road Substation	Preliminary design review and discussions with Intercounty Electric about joint attachment in progress.

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Highway 63 South from Williams Road to Little Oaks Road - Removal of overhead utilities	Undertermined
10th Street from Cedar Street to Forum Drive: Removal of overhead utilities	Undetermined
Removal of overhead fiber storage and related aesthetics	Undertermined
Little Oaks Road: Addition of roadway lighting and underground electric distribution conduits for future use in conjunctin with City of Rolla roadway improvements project	Previewing preliminary plans from City of Rolla
212 West 9th Street: Relocation of RMU overhead electric (and fiber) facilities in conjunction with building addition	Pending RMU review and discussion with developer
RMU switchgear at Phelps Health	Review of information provide by possible vendor for replacement of control system
RMU switchgear at Hartmann USA	Options being considered by RMU staff in conjunction with potential changes by Owner.
Customer-owned generation facilities - Net metering (less than 100 kW) and PURPA (over 100 kW): Monitoring of testing and insurance requirements, review of applications, and installing new metering.	As needed.
Water	
Eastwood Drive: Replacement of old water main.	As time allows
Elmwood Drive: Replacement of old water main.	As time allows
Cedar Hill Court: Replacement of old services.	2025
Mimosa Court: Replacement of old services.	2025
10th Street from Main Street to Rolla Street: Replacement of old water main.	2025
Rolla Street from 10th Street to 11th Street: Replacement of old water main.	2025
10th Street from Main Street to State Street: Abandonment of old water main.	2025
Strobach Street, South Walker Avenue, and South Spillman Avenue: Replace water main and/or service lines as needed in conjunction with City street overlay project.	As needed
South Olive Street: Replace water main and/or service lines as needed in advance of City street micropaving project.	As needed
Pine Tree Road from Highway 72 to Richard Drive: Replacement of water main	2025
16th Street from Pine Street to Vishy Road: Replacement of water main in advance of City of Rolla street resurfacing project.	2025
HyPoint Well #2: Conversion to pitless well head, replacement of well house (including piping and chemical feed systems), and interconnecting piping.	In progress
Fiber	
9th Street Conversion - Phase 2 (Elm Street to Rolla Street): Convert existing overhead to underground.	2025
Rolla Public Schools RTC building: Reconfigure RMU fiber going into and through the building.	2025
Fiber extensions requests for customers.	As requested