

**Operations Report
RMU Board of Public Works Meeting**

**Date of Report:
February 27, 2024**

CURRENT WORK	
Location and Description	Timeline
Electric	
Rolla Senior Apartments (1101 McCutchen): Replacement of underground primary. Also converting to operate on 12 kV system instead of 4 kV system.	Completed
MO S&T South Substation: Extension of overhead 34.5 kV system and installation of new metering.	MO S&T Campus being supplied from their south substation: October 5, 2023
MO S&T North Substation: Revision of overhead 34.5 kV system to move switch plus addition of recloser and new metering for connection to new substation.	RMU work complete. Activation pending work by University contractor.
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.	In progress
1056 South Bishop: Revisions to electric service to install new metering needed by building owner and new tenant to separate some tenant space from existing metering.	Completed
Ann Lee Estates (Ann Lee Drive located south of Lions Club Drive on South Rolla Street): New underground distribution as subdivision construction takes place.	In progress
3 Lewis Lane: Underground electric distribution system extension for new multi-unit residential complex.	In progress
3700 HyPoint Drive: Electric service revisions.	Completed
Sunny Drive: Installation of transformers and underground conductor to serve new residential housing units. Installation of roadway lighting also.	Completed
2329 North Bishop: New 3 phase underground to commercial renovation.	In progress
Data processing customer to install facilities at Dewing Substation: New primary service and ancillary work.	Pending information from customer and necessary approvals.
Generators: Installation of louvers over openings in containers to better retain heat in the units when not in operation.	Additional units on order
Additional pole attachments by multiple companies expanding telecommunications infrastructure in Rolla. Additional attachments will involve hundreds of poles.	In progress
Installation of services, pole replacements, and other work as needed to accommodate installation of new radio read equipment being installed by Ameren for reading meters.	Completed
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
Mercy Parkway: Installation of roadway lights.	In progress
Fiber	
Nagogami Substation to Nagogami Standpipe: Extension of fiber system to reduce reliance on radios.	As time allows

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9th Street Conversion - Phase 1 (9th and Rolla Street to 10th and State Street): Convert existing overhead to underground.	In progress
Tower substation to RMU electric service point for MO S&T North substation: Extension of RMU fiber plant.	Completed
1007 North Elm Street: Review of existing fiber to customer location to consider additional capacity.	RMU work completed. Pending work by entity requesting change. An additional provider has also requested an additional circuit to same location.
Water	
Sycamore Drive from Cypress Drive to Cedar Hill Court: Replacement of old water main.	In progress
7th Street from Cedar Street to Holloway Street: Replace service lines.	In progress
MO S&T Protoplex: Water distribution system extension.	Review of plans, specifications, and material submittals.
Nagogami Pressure Zone: Consideration of water distribution system improvements to development area(s) north of I-44. Any improvements would likely utilize the \$2 million of funds allocated by Legislative Priority Projects by State of Missouri for water and wastewater improvements.	Engineering study to develop Preliminary Engineering Report is in progress

AESTHETIC CHANGES THIS PERIOD	
Painting Fire Hydrants	As time allows

FUTURE IDENTIFIED WORK	
Location and Description	Timeline
Electric, Water, and/or Fiber	
MO S&T Protoplex: New electric and water services for new development.	Review of Construction Development plans and providing feedback to design team.
4017 HyPoint North: Building addition	Pending work by Owner's contractor.
4000 Enterprise Drive (MO S&T): Requested additional transformer capacity and new service to existing building.	Pending work by University contractor
4030 and/or 4040 HyPoint North: Electric service modification(s) and revisions to RMU water distribution main.	Comments based on review of plans for permit have been provided. Pending information from Owner, Contractor, and/or Consultant.
11th and Rolla Street: Commercial development	Pending information from Owner
4120 Highway V: Commercial development	Pending more information
Rt. 66 Preferred RV Parking: Electric and water services to new development.	Pending information from Developer
Main Street from 4th Street to 11th Street: System modifications as needed in conjunction with City street, sidewalk, and stormwater project.	Pending design information from City
612 North Pine Street renovations	Pending design information

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1700 South Bishop Ave, Suite B: Potential revisions to electric and/or water services for remodel	Comments based on review of plans for permit have been provided. Pending response(s) from Owner and / or Consultant.
Electric	
Review of transformer sizing relative to customer loads for some larger transformer locations.	In progress
Aintree Road (East and West sides): Replacement of underground primary.	2024
Steeplechase Road (East side): Replacement of underground primary.	2024
9th Street Conversion - Phase 1 (9th and Rolla Street to 10th and State Street): Convert overhead electric distribution to underground.	2023
9th Street Conversion - Phase 2 (Elm Street to Rolla Street): Convert overhead electric distribution to underground.	2023/2024
11th Street from Oak Street to Rolla Street: Utilization of electric conduit system installed earlier.	2024
Pine Street from 16th Street to Bishop Avenue: Reconfigure existing system to minimize amount of overhead distribution system in conjunction with City of Rolla street project.	2024
Pine Street from 12th Street to Bishop Avenue: New roadway lighting as part of City of Rolla street project. Grant application to request funds for this part of the project is being submitted by City.	2024
909 Facilities Avenue (MO S&T Temporary Research Facility): Revision to electric service to connect directly to RMU.	Pending information from University
500 South Bishop (WalMart): Owner initiated project to reconfigure from two electric services to one.	Pending information from Owner and Consultants
500 South Bishop (WalMart): Revise electric distribution system.	Pending improvements by customer
2003 North Bishop: Upgrade of electric service as part of remodel / expansion.	Plan review comments provided
100 Fairgrounds Road: Conversion of electric service from 120/208 to 277/480 to allow for installation of EV charging	Pending work by contractor
705 South Bishop Avenue: Installation of 480 volt service for installation of EV charging	Pending information from contractor / owner
Fairgrounds Road: Kingshighway to Gale Drive: Conversion of overhead distribution from 4 kV to 12 kV	Pending work by contractor for 100 Fairgrounds Road
Colonial Trails (Cedar Hills PUD): Extension of underground electric to serve new residential housing.	Pending work by developer
RMU switchgear at Phelps Health	Undetermined
RMU switchgear at Hartmann USA	Options being considered by RMU staff.
Net metering: Monitoring of testing and insurance requirements, review of applications, and installing new metering.	As needed. Past month included energizing one new system, one application for a new system and one inquiry.
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.	2024

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Mimosa Court: Replacement of old services.	2024
10th Street from Main Street to Rolla Street: Replacement of old water main.	2024
Rolla Street from 10th Street to 11th Street: Replacement of old water main.	2024
10th Street from Main Street to State Street: Abandonment of old water main.	2024
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.	2024
South Olive Street: Replace water main and/or service lines as needed in advance of City street micropaving project.	2024
HyPoint Well #2: Conversion to pitless well head, replacement of well house (including piping and chemical feed systems), and interconnecting piping.	In progress
Lead Service Line inventory.	EPA deadline: October 16, 2024
Fiber	
9th Street Conversion - Phase 2 (Elm Street to Rolla Street): Convert existing overhead to underground.	2023/2024
Rolla Public Schools RTC building: Reconfigure RMU fiber going into and through the building.	2024
Fiber extensions requests for customers.	As requested