

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

**Date of Report:**  
**October 24, 2023**

| <b>CURRENT WORK</b>   |   |
|---|---|
| <b>Location and Description</b>   | <b>Timeline</b>   |
| <b>Electric</b>   |   |
| 1000 North Oak Street: Electric and water service to new Planned Unit Development.  | In progress   |
| Rolla Senior Apartments (1101 McCutchen): Replacement of underground primary. Also converting to operate on 4kV system instead of 12kV system.  | In progress   |
| Tower Road Substation: Replacement of main breaker.   | Completed   |
| Tower Road Substation: Failure in cubicle for circuit 1 on January 30, 2023. Replacement of conductors from substation to riser poles for circuits 1 and 3. Repairs as needed for cubicle for circuit 1.  | Completed   |
| Tower Road Substation: Replacement of underground portion of circuits 1 and 3 and relocating riser for circuit 3. All 3 circuits ill have been replaced.  | 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 |
| Generators: Installation of louvers over openings in containers to better retain heat in the units when not in operation.   | Completed   |
| Air operating permit for generating units.  | Inspection by MO DNR on October 5, 2023                                   |
| 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.   | 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   |
| <b>Fiber</b>  |   |
| Nagogami Substation to Nagogami Standpipe: Extension of fiber system to reduce reliance on radios.  | As time allows  |
| 9th Street Conversion - Phase 1 (9th and Rolla Street to 10th and State Street): Convert existing overhead to underground.  | In progress   |
| Network security improvements   | As time allows  |
| Fiber service to Phelps County Courthouse   | Completed   |
| MPUA assistance with fiber in Fredericktown for MoPEP generation unit   | Completed   |
| <b>Water</b>  |   |
| Avon Court: Replacement of old water main.  | In progress   |
| Vienna Road: Replacement of old water main.   | In progress   |
| 7th Street from Cedar Street to Holloway Street: Replace service lines.   | In progress   |

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| 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 |
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| <b>AESTHETIC CHANGES THIS PERIOD</b>  |  |
|---|--|
| Bridge School Road: Brightspeed completing transfers to allow for removal of poles. | As Brightspeed makes transfers   |
| State Street north of 11th Street: Removal of overhead electric and poles.          | Pending completion of work by University contractor when job trailer no longer needs electric service. |

| <b>FUTURE IDENTIFIED WORK</b>   |   |
|---|---|
| <b>Location and Description</b>   | <b>Timeline</b>   |
| <b>Electric, Water, and/or Fiber</b>  |   |
| MO S&T Protoplex: New electric and water services for new development.  | Review of Design Development plans and providing feedback to design team.   |
| 4017 HyPoint North: Building addition   | Comments based on review of plans for permit have been provided. Pending response(s) from Owner and / or Consultant.              |
| 4000 Enterprise Drive (MO S&T): Requested additional transformer capacity and new service to existing building.   | Pending work by University contractor   |
| 3500 Enterprise Drive: New commercial development requiring new electric and water services.  | Plan review comments provided   |
| 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. Coordinating logistics with contractors, consultants, and owner. |
| 3700 HyPoint Drive: Electric service revisions and water service addition.  | Plan review comments provided   |
| 1011 West 14th Street: Commercial development that will included new electric and water services plus possibly requiring relocation of some existing overhead electric districition facilities. | Pending information from Owner  |
| 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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| 810 to 830 East Hwy 72: New water and electric services for new construction.  | Comments based on review of plans for permit have been provided. Pending response(s) from Owner and / or Consultant. |
| <b>Electric</b>  |  |
| 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.  | 2023   |
| Steeplechase Road (East side): Replacement of underground primary.   | 2023   |
| Fox Creek Road (West side between Soest Road and Whitehall Road): Replacement of underground primary, including installation of new conduit.   | 2023   |
| 100 block of Greentree Road: Convert some overhead primary to underground (including removal from poles owned by Brightspeed) as part of solution for new residential service on previously undeveloped lot. | 2023   |
| Ann Lee Estates (Ann Lee Drive located south of Lions Club Drive on South Rolla Street): New underground distribution as subdivision construction takes place.   | To be constructed as development of the subdivision progresses.  |
| Sunny Drive: Installation of transformers and underground conductor to serve new residential housing units. Installation of roadway lighting also.   | As needed as development continues   |
| Columbia Avenue: Residential construction requiring electric distribution system improvements.   | As needed pending work by owner and contractor.  |
| 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.   | 2023 to 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.                              | 2023 or later pending scheduling by others   |
| 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.     | Pending grant application review.  |
| 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   |
| 629 South Bishop: Revise electric service for commercial renovation.   | Pending work by others so timeline is unknown.   |
| 2003 North Bishop: Upgrade of electric service as part of remodel / expansion.   | Plan review comments provided  |
| 2329 North Bishop: New 3 phase underground to commercial renovation.   | MoDOT permit received  |
| 604 West 7th Street: New service to commercial development.  | Pending contractor work.   |
| 100 Fairgrounds Road: Conversion of electric service from 120/208 to 277/480 to allow for installation of EV charging  | Pending work by contractor   |

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| Fairgrounds Road: Kingshighway to Gale Drive: Conversion of overhead distribution from 4 kV to 12 kV  | Pending work by contractor for 100 Fairgrounds Road  |
| 122 West 8th Street: Revisions to electric distribution system to accommodate commercial development.   | RMU provided comments to plans submitted for building permit. Pending response and contractor work.  |
| RMU switchgear at Phelps Health   | Undetermined   |
| RMU switchgear at Hartmann USA  | Undetermined   |
| Net metering: Monitoring of testing and insurance requirements, review of applications, and installing new metering.  | Testing and Insurance: Due date for all is now October 1 annually. Up to 3 reminders have been sent. |
| <b>Water</b>  |  |
| Eastwood Drive: Replacement of old water main.  | As time allows   |
| Elmwood Drive: Replacement of old water main.   | As time allows   |
| Sycamore Drive from Cypress Drive to Cedar Hill Court: Replacement of old water main.   | Winter 2023/2024   |
| Cedar Hill Court: Replacement of old water main.  | Winter 2023/2024   |
| Mimosa Court: Replacement of old water main.  | Winter 2023/2024   |
| 10th Street from Main Street to Rolla Street: Replacement of old water main.  | Summer 2023  |
| Rolla Street from 10th Street to 11th Street: Replacement of old water main.  | Summer 2023  |
| 10th Street from Main Street to State Street: Abandonment of old water main.  | Summer 2023  |
| 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. | 2023   |
| South Olive Street: Replace water main and/or service lines as needed in advance of City street micropaving project.  | 2023   |
| 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   |
| <b>Fiber</b>  |  |
| 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.   | 2023   |
| Fiber extensions requests for customers.  | As requested   |

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| <b>MISCELLANEOUS</b>  |  |
| <b>Asphalt Repairs</b> (September 29, 2023 invoice) for water patching of water system repairs and improvements (361.36 tons). <b>Total = \$54,204.00</b> |  |