

**Operation Manager's Report
RMU Board of Public Works Meeting**

**Date of Report:
September 27, 2022**

CURRENT WORK	
Location and Description	Timeline
Electric	
1600 Old Wire Outer Road (EJ Holdings): Installation of new pole and underground electric distribution system extension in conjunction with commercial redevelopment.	Pending developer work
Lions Club Drive from Rolla Street to Highway 63: Installation of roadway lighting.	Completed: September 1, 2022
Carmel Court, Malibu Court, San Fernando Court, and Monterey Court: Convert 8 spans of overhead electric distribution system to underground distribution.	Primary completed September 22, 2022. Streetlighting projected to be completed in 30 days.
18th Street from McCutchen Drive to Forum Drive: Relocate existing overhead 34 kV sub-transmission to 18th Street right-of-way and construct new 12 kV overhead distribution.	In progress
McCutchen Drive from 18th Street to Harvey Lane: Relocate existing overhead 34 kV sub-transmission and 12 kV overhead distribution and rebuild some overhead distribution.	Winter 2022/2023
18th Street from Farrar Drive to Forum Drive: Relocate existing overhead 34 kV sub-transmission and 12 kV overhead distribution to same poles.	Winter 2022/2023
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
Alley west of Rolla St between 8th and 9th Streets: Reconfiguration to accommodate new multi-story residential housing unit.	Pending developer's site work
MO S&T substation: Conversion of loads from one metering point to 4 new RMU service locations.	2022 to 2024 pending work by others. Energized 12 kV connection to main campus on September 3, 2022.
11th Street from Oak Street to Rolla Street: Installation of underground electric distribution conduit in conjunction with MO S&T substation project.	2022 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
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.
109 South Rucker Avenue (Aldi): Underground primary extension, new transformer, and new metering for commercial development.	Energized: September 8, 2022
MO S&T General Services Building: Overhead and underground primary extensions, new transformer, and metering for commercial development.	Fall 2022
712 South Bishop: Replacement of pole, underground primary extensions, new transformer, and new metering for commercial development.	Fall 2022
250 Lanning Lane: Underground primary extension, new transformer, and new metering for commercial development.	Pending developer work
2184 Farrar Drive: Underground primary extension, new transformer, and metering for commercial development.	Pending developer work
1010 Forum Drive: Underground primary extension, new transformer, and metering for commercial development.	Pending developer work

**Operation Manager's Report
RMU Board of Public Works Meeting**

**Date of Report:
September 27, 2022**

602 North Cedar: Reconfiguration of electric distribution including some conversion of overhead to underground to provide new transformer and metering for commercial development.	Fall 2022
500 South Bishop (Walmart): Owner initiated project to reconfigure from two electric services to one.	Pending contractor work
500 South Bishop (Walmart): Revise electric distribution system.	2023
521 South Bishop: Revise overhead electric service for redevelopment.	Pending developer work
Burhger Drive: Replacement of 3 poles owned by Lumen.	Completed: September 14, 2022
Upgrades to SCADA communications: Programming and installation of new remote terminal units (RTU's) at Tower Substation and Heritage Substation.	In progress
Water	
18th Street from Holloway Street to Old St James Road: Replacement of old water main	In progress
Holloway Street from Arkansas Avenue to 18th Street: Replacement of old water main.	In progress
Main Street from 9th Street to 10th Street: Replacement of old water main.	Spring 2023
10th Street from Main Street to Rolla Street: Replacement of old water main.	Spring 2023
Rolla Street from 10th Street to 11th Street: Replacement of old water main.	Spring 2023
10th Street from Main Street to State Street: Abandonment of old water main.	Spring 2023
Turkey Run from Cypress Drive to Sycamore Drive: Replacement of old water main.	Winter 2022/2023
Eastwood Drive: Replacement of old water main.	Winter 2022/2023
Elmwood Drive: Replacement of old water main.	Winter 2022/2023
521 South Bishop: Reconfigure water service for redevelopment.	Completed: September 14, 2022
Service line replacements: Sycamore Drive	In progress
MO S&T relocation of water meter on State Street north of 11th Street.	Pending work by University contractor
Fiber	
9th Street Conversion - Phase 1 (9th and Rolla Street to 10th and State Street): Convert existing overhead to underground.	2023
9th Street Conversion - Phase 2 (Elm Street to Rolla Street): Convert existing overhead to underground.	2023/2024
MO S&T General Services Building: Extension of fiber system to new GSB facility.	2023
Rolla Public Schools RTC building: Reconfigure RMU fiber going into and through the building.	2023

FUTURE IDENTIFIED WORK	
Location and Description	Timeline
Electric, Water, and/or Fiber	
MO S&T Protoplex: New electric and water services for new development.	Pending University work
4017 HyPoint North: Building addition	Pending developer work
814 South Bishop Avenue: Commercial redevelopment	Pending developer work

**Operation Manager's Report
RMU Board of Public Works Meeting**

**Date of Report:
September 27, 2022**

Electric	
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.
500 West 2nd Street: Revisions to primary electric and new service.	2023
Aintree Road (East and West sides): Replacement of underground primary.	2023
Steeplechase Road (East side): Replacement of underground primary.	2023
Lariat Lane (North side, East of Rolla Street): 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
Rolla Apartments (1101 McCutchen): Replacement of underground primary.	2023
Brighton Court (West side): Replacement of underground primary.	2023
Net metering: Monitoring of testing and insurance requirements, review of applications, and installing new metering.	As needed
MO S&T substations	Pending University work
RMU switchgear at Phelps Health	
RMU switchgear at Hartmann USA	
4030 and/or 4040 HyPoint North: Electric service modification(s).	Pending developer work
Water	
Highway 63 from I-44 to north City Limits: Replacement of old water mains (APRA grant application project).	Pending scoring of applications
Highway 63 from Williams Road to Little Oaks Road: Replacement of old water mains (ARPA grant application project).	Pending scoring of applications
Highway 72 from Faulkner Street to Highway O: Replacement of old water mains (APRA grant application project).	Pending scoring of applications
10th Street from Holloway Street to Forum Drive: Replacement of old water mains (ARPA grant application project).	Pending scoring of applications
Hy Point Wells 1 and 2: Replacement of wellhouses (pending possible funding through ARPA grant application).	Pending scoring of applications
Water main extension(s) to development area(s) utilizing \$2 million in State allocated funds for water and wastewater improvements.	Pending grant guidelines being provided
Avon Court: Replacement of old water main.	As time is available
Fiber	
Fiber extensions requests for customers.	As requested

AESTHETIC CHANGES THIS PERIOD	
Removal of overhead services not in use.	Ongoing