

CIP Projects					
	Solid Waste Capital Improvement Projects	Description	Project Status	Project Appropriations	Project Balance
1	Vehicle Wash Bay	Construct an additional vehicle maintenance bay and large vehicle wash bay facility at Columbia landfill for Solid Waste equipment and collection vehicles	Public Hearing completed. Bid call ordinance introduced October 21, 2024.	\$ 2,200,000	\$ 1,909,200
2	Vehicle Shelters	Project involves constructing additional vehicle storage shelters for approximately 20 solid waste collection vehicles at the landfill	Consultant working on design. IP meeting needs to be scheduled.	\$ 850,000	\$ 850,000
3	Landfill Operations Center and Heavy Equipment Storage Shelter	Project will include the construction of a new landfill operations center and heavy equipment storage shelter	The previous heavy equipment storage center was destroyed in a wind storm. With the landfill expansion, relocating the operations center to the new operational area will improve efficiency. Currently in planning stage and an RFP for design services needs to be prepared and issued.	\$ 1,123,754	\$ 1,123,754
4	Landfill Expansion	Project involves permitting of new bioreactor landfill disposal area within the footprint of the City's existing Landfill property to include; extensive subsurface & geotechnical evaluations, public involvement & community outreach, landfill conceptual design, land permit application, & necessary regulatory support to get approvals from MDNR.	Permitting by MDNR is underway and is anticipate to be complete in fiscal year 2025. Design consultant selection for the first cell can begin once approval is received.	\$ 2,373,736	\$ 72,636
5	Material Recovery Facility Upgrade	Project involves constructing a Material Recovery Facility expansion to include; new material processing equipment, additional material storage area, additional truck loading area, improved office, employee lounge and maintenance area.	RRT Engineering is performing an analysis to determine if the existing facility should be expanded and upgraded or if construction of a new facility is warranted. Completion of the study is anticipated in December 2024. Once expansion or a complete new facility is decided, an RFP for design can be issued.	\$ 650,000	\$ 650,000
6	Hitt Street Compactor	This will replace the existing container located along Hitt Street between Locust and Elm with a compactor	Project has been delayed due to building demolition. Once demolition is complete, the existing dumpster will be replaced with a compactor	\$ 25,000	\$ 25,000

	Water Capital Improvement Projects	Description	Project Status	Project Appropriations	Project Balance
7	West Ash Pump Station	Install new variable drive pumps to convert the existing constant drive pumps at the West Ash pumping station. Complete electrical upgrade and building improvements	Construction contract awarded. Equipment has been ordered, installation will begin once equipment is delivered in approximately 9 months.	\$ 6,226,565	\$ 560,288
8	Water Treatment Plant Upgrade	Critical plant improvements coinciding with Carollo Water Plant Expansion Study and Black and Veatch Condition Assessment findings, required to provide appropriate level of redundancy and provide sufficient future capacity. Future phases to be determined based on changes in water demands.	Construction contract awarded. Construction is ongoing approximately 5 percent complete.	\$ 39,848,409	\$ 3,958,618
9	Riback Road and Blackberry Lane water main replacement	Project to upgrade water mains along Riback Rd and Blackberry Ln to address fire flow.	Project will be constructed by City staff and anticipated to begin before the end of 2024.	\$ 120,000	\$ 111,487
10	Glenwood Avenue and Glenwood Court water main replacement	Project to replace aging water distribution infrastructure due to maintenance history.	Construction contract awarded. Construction to begin prior to the end of 2024.	\$ 440,000	\$ 48,923
11	Woodbine Drive water main replacement	Project to replace aging water distribution infrastructure due to maintenance history	Construction contract awarded. Construction to begin prior to the end of 2024.	\$ 215,000	\$ 12,777

12	Leslie Lane and Garth Avenue water main replacement	Relocation / replacement of existing water main prior to proposed street work and upgrade in accordance with long term planning.	Construction contract awarded. Construction to begin prior to the end 2024.	\$ 755,000	\$ 7,634
13	Replace Alluvial Well #10	Replacement of Alluvial Well 1 in the McBaine Well Field	Interested Parties meeting on August 28, 2024. Public Hearing scheduled for October 21, 2024	\$ 200,000	\$ 101,843
14	Southwest Water Tower	Project to install new elevated storage to help maintain system pressure.	In property acquisition phase. Presentation to the School District Long-Range Facilities Planning Committee on October 9, 2024.	\$ 3,296,321	\$ 3,290,873
15	Tower and Reservoir Maintenance Project	Evaluation and improvements of water towers and reservoirs	Bartlett and West is currently designing the improvements. Construction anticipated in the second quarter of 2025.	\$ 1,800,000	\$ 1,800,000
16	MoDOT Route 63/AC Project water relocations	Water line relocations required by the MoDOT 63/AC intersection improvement project	Water relocation plans prepared by staff and are to be included in MoDOT project. Will be bid as part of MoDOT project and costs paid by MoDOT.	\$ -	\$ -
17	MoDOT I-70 Design/Build Project water relocations	Water line relocations required by the MoDOT I-70 project.	MoDOT contractor designing water relocations. City may be responsible for some costs depending on if the existing water lines are located in MoDOT right-of-way.	\$ -	\$ -

	Sewer Capital Improvement Projects	Description	Project Status	Project Appropriations	Project Balance
18	PCCE #34 Forest Hill Court and Ridge Road	Replace failing private common collector sewer in the area of Forest Hill Court and Ridge Road.	Project is in preliminary design	\$ 222,500	\$ 156,979
19	White Oak	Replace and relocate a broken 8" VCP that is 24 feet deep and near an inground pool. Significant maintenance issue	Project is on hold pending private development project	\$ 150,000	\$ 149,908
20	Highway 63 and I-70 Connector sewer relocation	Replacing settled and failed sanitary sewer and casing pipe under HWY 63 connector south of I-70. Significant maintenance issue	Construction contract in place, construction in process.	\$ 1,148,844	\$ 775,647
21	PCCE # 30 West Stewart, Edgewood, Westmount	Replace failing private common collector sewers in the West Stewart, Edgewood and Westmount area.	Public Hearing complete and easement acquisition is in process.	\$ 400,000	\$ 360,210
22	PCCE # 40 Sunset, Prospect and Crestland	Replace failing private common collector along Sunset Drive, Prospect and Crestland Avenue	Preparing for Public Hearing.	\$ 470,000	\$ 421,926
23	PCCE # 41 West Stewart Road and West Blvd	Replace failing private common collector sewer in the area around West Stewart Road and West Boulevard.	Field survey being completed to prepare for Interested Parties meeting.	\$ 40,000	\$ 10,500
24	Sewer Rehab # 10	Trenchless rehabilitation of existing sewer main on large trunk lines in Bear Creek and Hinkson Creek watersheds. Significant maintenance work to meet Integrated Management Plan and regulatory requirements	Under construction approximately 80 percent complete	\$ 7,143,686	\$ 1,407,597
25	Clear Creek Force Main Replacement	Replace force main pipe and air release valves where incorrectly installed. Upgrade pump station for bypass pumping	Interested parties meeting on August 14, 2024, in design	\$ 1,500,000	\$ 1,500,000
26	Henderson Sewer	Sewer extension to serve the Henderson Branch watershed. Would allow for connection of the Midway Truck Stop and other facilities to the City's system regionalizing the sewer collection system and eliminating non compliant discharges.	Work session with Council completed in July. Meetings with the most impacted property owners have been completed. Two meetings with the Boone County Regional Sewer District have occurred. Next step schedule an Interested Parties meeting and then a Public Hearing.	\$ -	\$ -
27	WWTP Mechanical Bar Screens	Add mechanical screens and conveyor, or equivalent system to the wetland pump station to improve performance and safety of the operations	Notice to Proceed issued June 3, 2024. Equipment ordered construction anticipated to begin in November 2024.	\$ 4,100,000	\$ 413,006

28	PCCE # 35 Richmond Avenue	Replace failing private common collector sewer along Richmond Avenue.	Easements have been acquired. Construction anticipated in summer 2025.	\$ 384,000	\$ 353,415
29	PCCE # 38 North Eighth Street	Replace failing private common collector sewer along North Eighth Street.	Bid Call Ordinance approved October 7, 2024. Construction funding proposed in FY 2026.	\$ 30,000	\$ -
30	PCCE # 43 Rice Road	Replace failing private common collector sewer along Rice Road.	Interested Parties meeting in July 2024. Project in design and preparing for Public Hearing.	\$ 50,000	\$ 25,000
31	PCCE # 28 Hickory Hill Drive and Sunset Drive	Replace failing private common collector sewer. Petition project. Regulatory compliance	Preparing for Public Hearing	\$ 421,760	\$ 396,957
32	PCCE # 31 Oakwood Court	Replace failing private common collector sewer. Petition project. Regulatory compliance	Coordinating with private development project. Development agreement to be introduced for Council consideration on October 21, 2024.	\$ 372,000	\$ 342,055
33	Calvert Drive Sewer Relocation	Relocate sanitary sewer in coordination with storm water project (Vandiver/Sylvan)	Out for bid.	\$ 427,000	\$ 427,000
34	PCCE # 42 West Broadway and Aldeah	Replace failing private common collector sewer in the Broadway and Aldeah area.	Project is in preliminary design.	\$ 60,000	\$ 23,500
35	Fifth to Wilkes Relief Sewer Phase 2	Extend relief sewer from 6th Street and Hickman Avenue to 7th Street and Wilkes. Basement backups and redevelopment are reasons for work. Project to be coordinated with Hickman to Wilkes Storm Water project	Project is in preliminary design.	\$ 394,888	\$ 394,888
36	MoDOT Route 63/AC Project sewer relocations	Sewer line relocations required by the MoDOT 63/AC intersection improvement project	Sewer relocation plans to be included in MoDOT project. Will be bid as part of MoDOT project and paid by MoDOT.	\$ -	\$ -
37	MoDOT I-70 Design/Build Project sewer relocations	Sewer line relocations required by the MoDOT I-70 improvement project	MoDOT contractor designing sewer relocations. City may be responsible for some costs depending on if the existing sewers are located in MoDOT right-of-way.	\$ -	\$ -
38	Sewer Rehab # 11	Trenchless rehabilitation of existing sewer mains in County House, Meredith and Flat Branch watersheds. Significant maintenance work to meet Integrated Management Plan and regulatory requirements	Interested Parties meeting scheduled for October 15, 2024. \$9.2 million from prior year appropriations will be included with the first quarter budget amendments.		

	Storm Water Capital Improvement Projects	Description	Project Status	Project Appropriations	Project Balance
39	Calvert Drive Detention/ Vandiver/Sylvan Storm Drainage	Install a large water quality cell to assist with stormwater management at Sylvan and Vandiver/Quail. Reduce pollutant load to Hinkson Creek and provide channel protection. Reconstruction of storm water drainage on Vandiver and Sylvan.	Out for bid.	\$ 2,754,245	\$ 2,478,661
40	Alan Lane	This is an old drainage system that is deteriorated and undersized and needs to be replaced.	In easement acquisition, one property in condemnation.	\$ 716,000	\$ 656,462
41	Ross Extension	Replacement and realignment of existing unreinforced box culvert currently located under a residence. Relocate and construct approximately 225 linear feet of storm water pipe and 2 new structures.	Completed in August 2024.	\$ 310,500	\$ 25,331
42	Sexton and McBaine	Replace existing storm water drain to reduce flooding issues at Sexton and McBaine.	In easement acquisition.	\$ 280,000	\$ 263,991
43	Capri Drive	Replace and improve failing storm pipes and inlets. Fix sinkholes and failing pavement.	Construction complete July 2024.	\$ 428,000	\$ -
44	Crestridge Drive Culvert	Replace failing storm culvert and reduce street flooding	Finalizing design and describing easements, will move to easement acquisition.	\$ 525,000	\$ 401,446

45	Capri Estates	Replace and improve failing storm pipes and inlets. Fix sinkholes and failing pavement. Significant maintenance	Interested Parties meeting complete. With changes to concept need to speak with property owners again prior to Public Hearing.	\$ 575,000	\$ 564,886
46	Nebraska	Replace undersized system to alleviate severe street flooding	Construction to begin in December 2024.	\$ 1,738,462	\$ 1,509,588
47	Royal Lytham and Fallwood	Reconstruct existing stormwater system to reduce flooding issues and replace failing pipes and inlets	Project is in preliminary design	\$ 203,537	\$ 181,000
48	Bernadette	Replace existing stormwater infrastructure along Bernadette Drive to address street and structure flooding	Resolution to set Public Hearing on Council Agenda October 21, 2024.	\$ 454,500	\$ 438,000
49	Braemore	Reconstruct under sized existing stormwater system to reduce flooding issues. Includes water quality improvements. Includes replacing system at Fairview.	Field survey complete, in preliminary design. Interested parties meeting in late 2024.	\$ 230,000	\$ 183,500

	Electric Capital Improvement Projects	Description	Project Status	Project Appropriations	Project Balance
50	Bolstad T1 and T2 Switchgear and Transformer Replacement	Install new T1 and T2 transformer and switchgear lineup to replace aging existing equipment at Bolstad Substation	Equipment ordered, expected delivery December 2025. Construction can begin only after delivery.	\$ 1,200,000	\$ 368,522
51	Boone-Stephens Solar Interconnection	Install 69 kV interconnection with proposed Boone Stephens solar station and Bolstad Substation	Bid call ordinance approved October 7, 2024. Equipment to be ordered with delivery anticipated in 2026.	\$ 750,000	\$ 750,000
52	More's Lake Restoration	Restoration of More's Lake at the Columbia Municipal Power Plant	Finalizing work on pavement and storm water quality improvements.	\$ 6,300,000	\$ 63,651
53	Perche Creek 161 kV Bus Reconfiguration	Reconfigure 161 kV bus and install new 161 kV breakers to replace broken circuit switchers at Perche Substation	Equipment ordered, expected delivery December 2025. Construction can begin only after delivery.	\$ 1,200,000	\$ 386,934
54	Perche Transformer and Switchgear Addition	Project to install additional substation transformer. Electrical load is approaching available capacity. Additional transformation is necessary to serve existing load provide redundancy	Equipment ordered, expected delivery December 2025. Construction can begin only after delivery.	\$ 2,100,000	\$ 29,013
55	UMC 69 kV Tie Line	Install 69 kV tie-line to provide a second 69 kV source to the University of Missouri system.	Negotiating updated agreement with UMC for interconnection.	\$ 30,000	\$ 30,000
56	Bolstad Feeder Reconfiguration	Reconfiguration of existing Bolstad feeder exits in association with the proposed T1 and T2 Transformer and Switchgear replacement project	Interested Parties meeting in September 2024. Preliminary design underway. This work to be coordinated with substation improvements.	\$ 900,000	\$ 900,000
57	Bolstad Feeders (Blue Ridge Substation)	Extend new Bolstad feeders BD214 and BD224 to Blueridge Substation	Interested Parties meeting in September 2024. Preliminary design underway. This work to be coordinated with substation improvements.	\$ 3,325,000	\$ 3,325,000
58	Broadway and Fairview Feeders	Extend new Perche Creek feeder PC233 to intersection of Fairview Road and Broadway	Interested Parties meeting in September 2024. Preliminary design underway. This work to be coordinated with substation improvements.	\$ 1,575,000	\$ 1,575,000
59	Brushwood Lake Road Loop Closure	Project to extend three phase 13.8KV electric line on Brushwood Lake Road to provide a loop feed to part of the South West service territory.	Preliminary design in process.	\$ 2,739,089	\$ 2,739,089
60	I-70 Route B and East	Relocation of electric facilities associated with the Phase 1 I-70 widening project	Design in process, working with MoDOT design build contractor.	\$ 250,000	\$ 250,000
61	Power Plant Substation Upgrades	Project to address transmission and distribution requirements based on potential retirement of solid fuel units at Municipal Power Plant	Potential property acquisition would allow for relocation. Working to negotiate with property owner.	\$ 1,500,000	\$ 1,249,328

62	Westbury Subdivision and Hulen Substation	Extend new Perche Creek feeder PC232 to Westbury Subdivision and the site of the old Hulen Substation	Interested Parties meeting in September 2024. Preliminary design underway. This work to be coordinated with substation improvements.	\$ 925,000	\$ 925,000
63	161 kV Transmission Line	Project to build transmission lines for the interconnection of the proposed Mill Creek Substation with Grindstone & Perche Substations	Project currently "paused". Work session scheduled for October 21, 2024.	\$ 7,910,165	\$ 5,233,374

	<b>Railroad Capital Improvement Project</b>	<b>Description</b>	<b>Project Status</b>	<b>Project Appropriations</b>	<b>Project Balance</b>
64	EDA Grant Track Improvement	Upgrade approximately 8.25 miles of the COLT Railroad	The City applied for grant funding from EDA for railroad upgrades and has been preliminary awarded \$3,200,000 in grant funding. The City is required to provide and \$800,000 match. A meeting with EDA was completed on October 10, 2024 to discuss the next steps for the project.	No funding appropriated at this time.	