

Capital Improvement Plan Fiscal Year 2023

Monday August 1, 2022

What is a Capital Improvement Plan (CIP)

- Multi-year plan for capital improvements
- Provides a schedule with a revenue plan that fits available resources
- Used as a tool to implement recommendations from City Master Plans

CIP Funding Sources

- Capital Improvement Sales Tax
- Parks Sales Tax
- Transportation Sales Tax
- Public Improvement Funds
- Bonds
- General Fund
- Enterprise Revenue
- Grants

Current CIP Process

Schedule	Task
January	Projects are discussed within departments
February	Priorities are discussed with City administration
March	Final project requests are submitted by departments
March/April	Requests reviewed by City Manager and CIP Dashboard updated
July	The Planning & Zoning Commission reviews the CIP Dashboard
August	CIP, with funding needs, is presented to Council; CIP Hearing is held
September	CIP document is prepared, reflecting any changes and approved by Council

Restricted CIP Projects

Fund	Project	Amount	Restricted By:
Sewer	SW183, SW254, SW504, SW527, SW528, and SW529	\$4,897,000.14	Bond
Airport	AP111 New Airport Terminal	\$8,163,075.11	Bond
Parking	PK061 Parking Inconvenience Fees	\$32,269.13	Inconvenience Fees Paid
Refuse	RF059 Landfill Cell 6	\$114,447.88	Bond
Other Gov't	00585 Loft	\$50,000	Ordinance 022059
Other Gov't	40090 Cracker Barrel Fine	\$2,500	Landscaping Fine
Transportation	00027 Rock Quarry S Exist Nifong	\$17,620	Ordinance 19869

Restricted CIP Continued

Fund	Project	Amount	Restricted By:
Transportation	00122 Bearfield Rd.	\$67,607	Ordinance 16718
Transportation	00207 Silvy Street	\$25,279	Ordinance 19590
Transportation	00301 Scott Blvd Extension I-70	\$14,104	Scott/I-70 Interchange
Transportation	00441 Bethel Church and Old Plank Rd	\$39,525	Ordinance 18793
Transportation	00503 County Road Tax	\$3,203,501	Boone County Road Tax
Transportation	00537 Howard Orchard Road Improvement	\$73,239	Ordinance 18963
Transportation	00577 Old Route K Sidewalk	\$30,580	New Road before Sidewalk, Payment in Lieu of

Restricted CIP Continued

Fund	Project	Amount	Restricted By:
Transportation	00649 Bus Loop Sidewalk Prov-Rangeline	\$2,750	Payment in Lieu of
Transportation	00688 Street Inconvenience Fee	\$6,260	Inconvenience Fees Paid
Transportation	00689 Sidewalk Inconvenience Fee	\$98,153	Inconvenience Fees Paid
Transportation	00701 Highlands Phase 8 - Old Plank Rd.	\$21,718	Ordinance 023076
Transportation	00704 Major Street Extension to UU	\$127,100	Ordinance 022994
Transportation	00729 St. Charles Rd. Sidewalk	\$13,047	Ordinance 023395

Restricted CIP Continued

Fund	Project	Amount	Restricted By:
Water	W0145 - West Ash Pump Station Upgrade	\$2,616,302.63	Bond
Water	W0150 - Back Up Generators	\$800,000.00	Bond
Water	W0211 - Replumb Influent at WTP	\$0.06	Bond
Water	W0230 - Brown Station RT B Peabody)	\$336,083.47	Bond
Water	W0236 - Water Treatment plant Upgrade Phase 1	\$1,857,107.03	Bond
Water	W0279 - New Well Platfprms	\$200,000.00	Bond
Water	W0280 - New Southeast Pump Station	\$2,584,590.23	Bond

Restricted CIP Continued

Fund	Project	Amount	Restricted By:
Water	W0286 - New Elevated Storage Project	\$2,997,551.44	Bond
Water	W0287 - Riback RD & Blackberry WT Main	\$120,000.00	Bond
Water	W0288 - S. Glenwood Ave & CT WT Main	\$115,629.02	Bond
Water	W0289 - Woodbine Dr. WT Main Replacemt	\$120,426.94	Bond
Water	W0298 - St. Charles to Mexico G. Main Replacement	\$107,729.47	Bond

Restricted CIP Continued

Fund	Project Name	Amount	Restricted By:
Electric	E0121 - New Southside Substation	\$3,338,602.91	Bond
Electric	E0148 - Mill Creek Sub Trans Connection	\$3,554,982.68	Bond
Electric	E0151 - Power Plant Substation Upgrade	\$1,253,021.68	Bond
Electric	E0153 - Replace 69 & 161 kV Circuit Breakers	\$281,528.97	Bond
Electric	E0175 - Landfill Generator Unit 4	\$1,328,806.92	Bond
Electric	E0179 - College Underground Univ. to Bouchelle	\$67,627.76	Bond
Electric	E0194 - Substation Upgrade GSTN Perche	\$959,837.75	Bond
Electric	E0198 - Underground Distribution Trans Path	\$95,568.50	Bond
Electric	E0201 - Reconfiguring Substation Feeder	\$691,480.05	Bond
Electric	E0204 - Moore's Lake Restoration	\$327,529.34	Bond

Annual CIP Projects

Fund	Project	Amount	Fund	Project	Amount
Transit	PT050 Annual Transit Projects	\$673,287.55	Other Gov't	00140 Downtown Special Projects	\$21,676.50
Airport	AP008 Airport General Improvements	\$37,343.98	Other Gov't	00551 Audible ADA Crosswalk	\$246,361.43
Sewer	SW183 Annual Sewer Improvements	\$1,898,257.80	Transportation	00171 Downtown Sidewalks Improvement	\$96,534.87
Refuse	RF031 Methane Gas Extract Wells	\$344,097.22	Transportation	00234 Annual Brick Street Renovation	\$35,231.40
Storm Water	SS017 Annual Projects	\$363,535.10	Transportation	00646 Annual Traffic Calming	\$532,157.71
Storm Water	SS114 Annual CAM Projects	\$90,068.84	Transportation	00647 Annual Street Reconstruction	\$1,598,882.14
Storm Water	SS115 Annual Downtown Tree Planting	\$100,054.34	Transportation	40158 Annual Streets	\$362,023.64
Storm Water	SS118 Annual Property Acquisition	\$200,000	Transportation	40159 Traffic Safety	\$306,999.70
Other Gov't	00021 Public Buildings Major Maint Ren	\$403,483.83	Transportation	40162 Annual Sidewalks	\$28,412.51

Annual CIP Projects Continued

Fund	Project	Amount
Transportation	40163 Street Landscaping	\$324,452.42
Transportation	40198 Transportation Contingency	\$148,277
Parks	00056 Annual Parks and REc Major Maint Program	\$10,476
Parks	00242 Parks Roads and Parking	\$58,967
Parks	00249 City School Park Improvements	\$93,232
Parks	00662 Annual Land Acquisition and Preservation	\$0
Parks	00673 Annual Trails	\$24,066
Parks	40074 Downtown Improvements	\$35,741

Annual CIP Projects Continued

Fund	Project	Amount
Water	W0123 - Installation of New Mains to Creat Loops	\$554,521
Water	W0125 - Main Relocations for Streets & Highways	\$560,521
Water	W0128 - New & Replacement Service Lines	\$298,272
Water	W0130 - Water Main Replacements	\$530,664
Water	W0143 - Differential Payments	\$125,326
Water	W0249 - Deep Well Abandonment	\$200,000
Water	W0282 - Tower and Reservoir Maintenance	\$1,265,883

Annual CIP Projects Continued

Fund	Project	Amount
Electric	E0021 - New & Replace Transformers & Capacitors	\$387,410
Electric	E0027 - Conversion of Overhead to Underground	\$1,068,857
Electric	E0052 - Street Light Additions and Replacements	\$220,207
Electric	E0053 - Secondary Electric System for New Services	\$1,127,018
Electric	E0082 - Fiber Optic System Additions	\$254,352
Electric	E0101 - 161 & 69 kV Transmission System Replacement	\$59,422
Electric	E0107 - 13.8 kV Underground System Replacement	\$1,519
Electric	E0115 - New 13.8 kV Substation Feeder Additions	\$1,435,829
Electric	E0116 - 13.8 kV System - New Residential Services	\$897,701

Annual CIP Projects

Continued

Fund	Project	Amount
Electric	E0117 - 13.8 kV System - New Commercial Services	\$291,205
Electric	E0145 - Protective Relay Upgrade	\$31,935
Electric	E0153 - Replace 69 & 161 kV Circuit Breakers	\$556,621
Electric	E0189 - Replace 13.8 kV Switchgear at Substations	\$200,000
Electric	E0192 - 161 & 69 kV Transformer Replacement	\$500,000
Electric	E0199 - Relocation of 13.8 kV System for Streets	\$409,981
Electric	E0200 - 13.8 kV System Automation	\$413,831
Electric	E0208 - MPP: Elimination of obsolete equipment	\$295,423

Annual CIP Projects Continued

Fund	Project	Amount
Railroad	R0012 - Annual Tie Program	\$68,031
Railroad	R0013 - Annual Surfacing Program	\$96,326
Railroad	R0014 - Annual Rail Replacement Program	\$97,412
Railroad	R0045 - Annual Capital Maintenance	\$81,489

Projects Completed in FY22

Fund	Project	Ward
Electric	E0179 - College Underground Univ to Bouchelle	1, 6
Electric	E0214 - Hinkson Creek Transformer & Switchgear	5
Parks	00626 - Douglas Shelter, Playground, Skate Park	1
Parks	00720 Magnolia Falls Park Development	5
Parks	00735 Cosmo Tennis Court Improvements	2
Parks	00737 Albert-Oakland Park Improvements	2
Parks	00742 Memorial/Heritage Bench Replacement	N/A
Parks	00744 Worley St Park Improvement	1

Projects Completed in FY22 Continued.

Fund	Project	Ward
Parks	00773 - Indoor Facility Improvement	1, 3
Parks	00799 - Albert-Oakland Pickleball/Tennis	2
Sewer	SW502 - PCCE 22 Shannon Place	4
Sewer	SW525 - 5th to Wilkes Relief Sewer	1
Sewer	SW221 - PCCE 8 Thilly Lathrop	4
Sewer	SW507 - PCCE 21 Stanford	4
Sewer	SW241 - PCCE 18 Spring Valley Rd.	4

Projects Completed in FY22 Continued.

Fund	Project	Ward
Rec Services	RS095 - ARC Facility Improvements	1
Rec Services	RS102 - ARC Waterzone Flooring Replacement	1
Rec Services	RS091 - LOW Golf Course Improvements	3
Airport	AP143 - Aqueous Fil Foaming	N/A
Airport	AP090 - Realign Rt H (Relocation of Rangeline)	N/A
Airport	AP123 - Route H	N/A
Airport	AP126 - Runway 2-20 Isolated Pavement Remediation	N/A
Airport	AP130 - Hangar 730	N/A

Projects Completed in FY22 Continued.

Fund	Project	Ward
Storm Water	SS150 Ross Drainage	6
Parking	PK062 - Parking Infrastructure Upgrades	N/A
Parking	PK070 - Short Street Garage Bathroom	1
Parking	PK075 - 8th/Cherry Garage Major Maintenance	1
Streets	00637 - 9th and Elm Ped Scramble	1
Streets	00644 - Sinclair-Old Mill Creek-Nifong	5
Streets	00795 - Maplewood Traffic Calming	4
Streets	00751 - William St/Hinkson Ave Traffic Calming	3

Projects Completed in FY22 Continued.

Fund	Project	Ward
Streets	00750 - Holly Ave Traffic Calming	2
Streets	00736 - Leslie Ln Sidewalk: N Garth-Newton Dr	2
Streets	00712 - McKee Street Sidewalk	3
Streets	00709 - Sinclair Rd Sidewalk-Nifong/Southampton	5
Streets	00658 - I-70 and Keene Roundabout	3

Ongoing Projects in FY22

Fund	Project	Ward
Water	W0140 - Refurbish Existing Deep Well for Emergency	N/A
Water	W0145 - West Ash Upgrades	N/A
Water	W0150 - Backup Generators for ASR's & Pump Stations	N/A
Water	W0200 - Business Loop- Phase 6A Main Replacement	3
Water	W0230 - Brown Station Rd Route B to Peabody Water Main Rpl.	3
Water	W0236 - Water Treatment Plant Upgrade - Phase 1	N/A
Water	W0264 - Well & Pump Station Control	N/A
Water	W0273 - Country Club Drive S/E Walnut Phase 2	3

Ongoing Projects in FY22

Fund	Project	Ward
Water	W0274 - Well Field Valve Upgrades	N/A
Water	W0280 - New Southeast Pump Station	6
Water	W0283 - Fiber to Water Facilities	6
Water	W0286 - New Elevated Storage	5
Water	W0287 - Riback Rd & Blackberry Ln Main Replacement	6
Water	W0288 - S. Glenwood Ave & Glenwood Ct Main Rpl	4
Water	W0289 - Woodbine Drive Main Replacement	5
Water	W0290 - Old 63, Gordon St. & Charles St Main Rpl	3
Water	W0291 - Ridgemont Rd & Highridge Cir Main Repl	4

Ongoing Projects in FY22

Fund	Project	Ward
Water	W0292 - Sinclair Rd, Nifong - Southampton Loop Close	5
Water	W0295 - Walnut St- Melbourne St - Williams St Relocate	3
Water	W0297 - Leslie Ln - Garth to Providence Relocate	2
Water	W0298 - LOW: St. Charles to Mexico Gravel Main Rep	3
Water	W0301 - Replace Alluvial Well #1	N/A
Water	W0303 - Strawn Road Main Extension	2, 4
Electric	E0175 - Landfill Gas Generator #4	N/A

Ongoing Projects in FY22

Fund	Project	Ward
Electric	E0216 - Upgrade of Energy Management System	N/A
Electric	E0204 - More's Lake Restoration	N/A
Sewer	SW240 - PCCE 16 Bingham W Ridgel	5
Sewer	SW252 - Calvert Dr Sewer Relocation	3
Sewer	SW254 - PCCE 27 Grace Ellen	2
Sewer	SW503 - PCCE 23 Lakeshore-Edgewood	4
Sewer	SW504 - PCCE 25 Glenwood-Redbud	4
Sewer	SW505 - Court and Hickory Street	3

FY23 CIP Overview

Fund/Department	Appropriation
Airport	791,875
General	2,742,649
Parking	450,000
Parks and Recreation	3,907,228
Public Safety	2,900,000
Public Works	8,903,400

FY23 CIP Overview

Fund/Department	Appropriation
Railroad	100,000
Sewer	3,695,000
Solid Waste	0
Storm Water	2,190,000
Transit	1,662,000
Water	3,550,000
Electric	18,526,576

New Projects in FY23

Fund	Project	Ward
Airport	AP141 - Glycol Recovery System	N/A
Gen. Govt	00123 - Blind Boone Home	1
Gen. Govt	00659 - Grissom Site & Building Renovations	1
Gen. Govt	00767 - Gentry Building Repairs	1
Gen. Govt	00768 - Health Dept. Repairs	1
Gen. Govt	00769 - Howard Building Repairs	1

New Projects in FY23

Fund	Project	Ward
Gen. Govt	00766 - Daniel Boone Building Repairs	1
Gen. Govt	00587 - Walton Building Repairs	1
Parking	PK066 - Plaza Garage Maintenance	1
Parking	PK076 - Garage Building Assessment	N/A
Parking	PK067 - 8th & Cherry Parking Structure Maintenance	1
Parking	PK078 - Ramp Maintenance and Repair	1

New Projects in FY23

Fund	Project	Ward
Parks	00829 - Battle Park Phase II	3
Parks	00826 - Cosmo Rec Area: Northeast Quarry Bike Park	2
Parks	00830 - Cosmo-Bethel Park: Tennis Improvements	5
Parks	00833 - Downtown Park Orr St. Property Dev.	1
Parks	00831 - Flat Branch Park: Bridge Renovation	1
Parks	00835 - Stephens Lake Park: Hindman Garden Improvements	3

New Projects in FY23

Fund	Project	Ward
Parks	00836 - Whitegate Park Development	3
Parks	00832 - MKT Bridge Replacement	4, 5
Parks	00834 - Perche Creek Trail Phase II: Gillespie to Smith	4
Parks	00811 - Stephens Lake Park: SE Trailhead Improvement	3
Parks	00837 - ARC Facility Improvements	1
Parks	00839 - Douglass Family Aquatic Center	3

New Projects in FY23

Fund	Project	Ward
Parks	00838 - LAN Golf Course: Cart Building Improvement	2
Parks	RS103 - Sports Fieldhouse Phase II	6
Fire	00827 - Additional Quint for Station #11	5
Fire	00733 - Fire Station #11	5
Fire	00828 - Replace 2009 Quint	N/A
Streets	00714 - Ash Street Improvements	1

New Projects in FY23

Fund	Project	Ward
Streets	00771 - Forum Blvd Improvement: Chapel Hill to Woodrail	4, 5
Streets	00842 - Rt K / Old Plank Rd Roundabout	5
Streets	00802 - Oakland Gravel Rd Sidewalk: Vandiver to Grizzly	2
Streets	00777 - Garth Ave: Bus. Loop 70 to Thurman	1, 2
Electric	E0182 - Mercury Vapor Streetlight Replacement	N/A
Electric	E0218 - Bolstad T1 & T2 Switchgear & Transformer Rpl.	3

New Projects in FY23

Fund	Project	Ward
Electric	E0221 - Boone-Stephens Solar Interconnection	3
Electric	E0140 - Business Loop 70 - Phase 5 Undergrounding	1, 3
Electric	E0141 - Business Loop 70 - Phase 6 Undergrounding	1, 3
Electric	E0220 - UMC 69kV Tie Lane	6
Sewer	SW521 - PCCE #28: Hickory Hill Dr. & Sunset Dr	4
Sewer	SW522 - East Sunset Lane	4

New Projects in FY23

Fund	Project	Ward
Sewer	SW534 - PCCE #38: North 8th St	1
Sewer	SW535 - PCCE #40: Sunset Dr, Prospect St, Crestland Ave	4
Storm Water	SS159 - Bernadette	1
Storm Water	SS160 - Brandon Rd Culvert Replacement	5
Storm Water	SS151 - Crestridge Dr. Culvert Replacement	4
Storm Water	SS153 - Nebraska Ave	1

New Projects in FY23

Fund	Project	Ward
Storm Water	SS161 - Ross St. Outlet Improvement	6
Storm Water	SS090 - Royal Lytham - Fallwood	5
Storm Water	SS162 - Sexton Rd at Jackson	1
Water	W0302 - Replacement of Alluvial Well 10	N/A
Water	W0236 - Water Treatment Plant Upgrade Phase I	N/A

Appropriated Projects

- Projects that have funding appropriated can be found in the FMIS within Exhibit E and F.
 - The FMIS is available for 6 month, 9 month and year end financials.

Expenditures through end of FY21.

Expenditures during FY22 through June 2022.

Total expenditures over life of project.

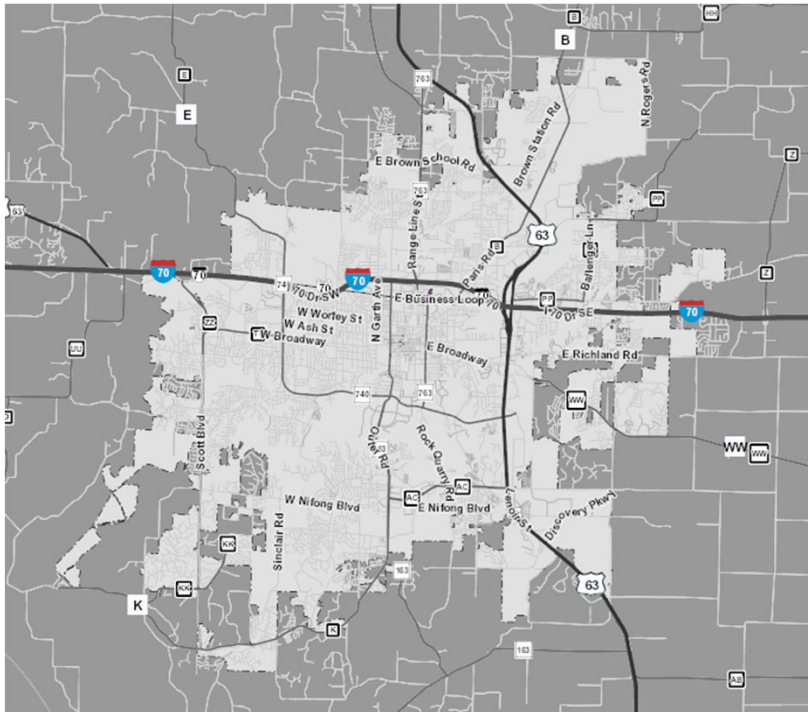
Committed by PO and/or contract.

Budget remaining.

Amount appropriated through budget document or budget amendments.

	Appropriations	Prior Years' Expenditures	Current Year Expenditures	Total Expenditures	Encumbrances	Unencumbered Appropriations
	24,328,018	11,313,101	3,268,174	14,581,275	223,218	9,523,525
PUBLIC SAFETY:						
Fire Apparatus Equipment (00195)	715,809	710,809	5,000	715,809	-	-
Records Manangement System (00498)	1,558,162	1,240,260	5,654	1,245,914	113,304	198,944
Training Academy Repairs (00630)	679,974	607,973	-	607,973	470	71,531
Muni Serv Ctr North-PHI (00641)	9,628,052	9,248,977	55,614	9,304,591	149,981	173,480
Percent for Art: Maint Municipal Center (N0641)	10,895	-	-	-	-	10,895
PD Property & Evidence Annex (00727)	19,987	-	-	-	-	19,987
Fire Station #10 East (00732)	2,500,000	3,173	3,113	6,286	-	2,493,714
Fire Station #11 (00733)	2,478,829	52,306	74,496	126,802	82,974	2,269,053
Percent for Art: Fire Station #11 (M0733)	17,000	-	850	850	16,150	-
Percent for Art Maint: Fire Station #11 (N0733)	4,171	-	300	300	-	3,871
Replace 2006 Quint (00783)	1,277,502	305,930	-	305,930	302,175	669,397
Replace Ladder 1 (00804)	1,150,000	-	856,348	856,348	293,652	-
Training Tower Rehab (00814)	234,000	-	87,741	87,741	136,090	10,169
Fire Station Sites (40173)	2,007,000	1,298,105	-	1,298,105	-	708,895
TOTAL PUBLIC SAFETY	22,281,381	13,467,533	1,089,116	14,556,649	1,094,796	6,629,936

CIP Webpages



- Finalized projects are updated in dotProject and the [CIP Dashboard](#).
- To search the specifics of a project, the [Capital Improvement Projects \(CIP\) Search](#) page is a great tool.

