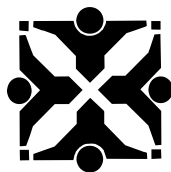


City of Columbia
FY 2017
CIP Planning Document
October 1, 2016



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Table of Contents

	Page #
Overall Summaries	
1-2 Year Capital Projects	A-1
3 - 5 Year Capital Projects	A-8
6 - 10 Year Capital Projects	A-15
Streets and Sidewalks	
Current Project Map	B-2
Overall Project Map	B-3
Summary By Timeframe	B-4
Detail Project Pages	B-7
10+ Year Project List	B-47
Parks and Recreation	
Current Project Map	C-2
Overall Project Map	C-3
Summary By Timeframe	C-4
Detail Project Pages	C-8
10+ Year Project List	C-113
Public Safety	
Current Project Map	D-2
Overall Project Map	D-3
Summary By Timeframe	D-4
Detail Project Pages	D-6
10+ Year Project List	D-24
Other General Government	
Current Project Map	E-2
Overall Project Map	E-3
Summary By Timeframe	E-4
Detail Project Pages	E-5
10+ Year Project List	N/A
Electric	
Current Project Map	F-2
Overall Project Map	F-3
Summary By Timeframe	F-4
Detail Project Pages	F-6
10+ Year Project List	N/A
Water	
Current Project Map	G-2
Overall Project Map	G-3
Summary By Timeframe	G-4
Detail Project Pages	G-6
10+ Year Project List	N/A
Railroad	
Current Project Map	H-2
Overall Project Map	N/A
Summary By Timeframe	H-3
Detail Project Pages	N/A
10+ Year Project List	N/A

Table of Contents

	Page #
Sewer	
Current Project Map	I-2
Overall Project Map	I-3
Summary By Timeframe	I-4
Detail Project Pages	I-6
10+ Year Project List	I-48
Storm Water	
Current Project Map	J-2
Overall Project Map	J-3
Summary By Timeframe	J-4
Detail Project Pages	J-6
10+ Year Project List	J-48
Solid Waste	
Current Project Map	K-2
Overall Project Map	K-3
Summary By Timeframe	K-4
Detail Project Pages	K-5
10+ Year Project List	N/A
Parking	
Current Project Map	L-2
Overall Project Map	L-3
Summary By Timeframe	L-4
Detail Project Pages	L-5
10+ Year Project List	L-11
Transit	
Current Project Map	N/A
Overall Project Map	N/A
Summary By Timeframe	M-2
Detail Project Pages	M-3
10+ Year Project List	N/A
Airport	
Current Project Map	N-2
Overall Project Map	N-3
Summary By Timeframe	N-4
Detail Project Pages	N-5
10+ Year Project List	N-25

Capital Improvement Program - Overview - City of Columbia, Missouri FY 2017

What is a Capital Improvement Program?

The City of Columbia's Capital Improvement Program (CIP) is a multi-year plan for capital investments in the City's infrastructure, facilities, and equipment. It is designed to address the challenges of supporting future infrastructure needs, while also addressing the City's current facility requirements. It includes items such as roads, bridges, sidewalks, public utilities, drainage projects, recreational facilities, building, and equipment. A CIP is important because it connects city development, comprehensive plans and financial plans. Projects within the CIP are intended to reflect the community's values and goals, and also the overall policy goals of the City Council, including existing city-wide long range plans.

Columbia's City Charter provides policy for the Manager to follow in developing a CIP:

"The City Manager shall also secure an estimate of all capital projects pending and those which it is recommended should be undertaken (a) within the budget year, and (b) within the next five (5) succeeding years. In preparing the budget, the city manager shall review and may revise the estimates, as the manager may deem necessary."

Article 5. Section 35.

The City of Columbia's master plans are the basis for the CIP. Columbia has several master plans designed to reflect the long-term needs and goals of each department. These plans are formulated to establish long term development plans that reflect Council policies. These long term plans are periodically revised and updated to reflect the City's changing needs. The CIP is meant to contain projects that fulfill these long-term needs and goals.

City of Columbia Master Plans

- Community Development Department Master Plans
 - Sidewalks
 - Bicycles
 - Columbia Imagined: The Plan for How We Live and Grown
 - 2040 Long Range Transportation Plan
 - Metro Greenbelt/Trails
 - CATSO Major Roadway Plan and Transportation Improvement Plan
- Fire Master Plan
- Airport Master Plan
- Parks and Recreation Master Plan
- Transit: Long Range Plan, Para-Transit, CBD
- Sewer Master Plan
- Water and Light
 - Electrical distribution
 - Water distribution
 - Water system
- OLT (Railroad)
- Downtown Columbia Charrette Report (2010)

The CIP manual is intended as a communication device, giving the public an opportunity to view the City's proposed plans for capital investment as well as providing the necessary link for offering feedback to the City Council and the City staff.

How is the CIP manual organized?

The CIP offers detailed information on the cost and timing of planned projects to be undertaken by the City and is organized into two major sections described below:

General Government Capital Projects: These are projects such as sidewalks, streets, parks, public safety and general government facilities.

Enterprise Capital Projects: These are projects funded primarily through revenues generated by enterprise funds such as electric, water, railroad, sewer, storm water, transit, and airport.

Each section contains a summary page displaying information for every project by timeframe - current, 1-2 years, 3-5 years, 6-10 years and 10+ years. This summary page also shows estimated project cost, funding in place, additional funding needed, and anticipated design and construction dates. Following the summary page is a detail page for each project. This provides additional, more specific information, including a location map when appropriate.

How is the CIP developed?

The CIP begins as a planning document, which gives the City an opportunity to prioritize and coordinate existing and future capital project needs. It is prepared under the direction of the City Manager with the assistance of the Planning and Finance Departments. The City staff review of capital projects has proven to be almost a year-round process, with all city departments continually reexamining and prioritizing their capital needs. However, the capital financing process is most involved from January through May each year. During this period City staff is responsible for compiling project needs, reviewing cost estimates, identifying financing options and planning a program schedule. Meetings are scheduled with each department to review, add, modify and prioritize all project requests. The CIP is first reviewed by the Planning and Zoning Commission to focus on identifying projects and capital needs that were not represented, followed by City Council review to propose any changes in project priorities. Following approval from the Council, it then becomes a financial document so the City can determine capital projects that are within its current and future fiscal capacity. A summary of the CIP process is provided below.

Schedule	Task
January	Projects are discussed within departments
February	Project priorities are discussed between departments and City administration
March	Final project requests are submitted by departments
March/April	Requests are compiled into a CIP document. Preliminary CIP is compiled and is reviewed by City Manager. CIP is also reviewed by the Planning & Zoning Commission.
May/June	Council reviews and approves the CIP and the CIP document is made in final draft form. CIP then becomes a basis for what to include in budget.
July	Public hearing is held on the CIP. A five year CIP, with funding needs, is presented to

	Council with budget document and the public is given the opportunity to comment.
August	Budget hearings are held. The public has additional opportunities to comment.
September	Budget hearing incorporating final revisions and adoption of yearly CIP with approved adjustments. Revised CIP document is prepared to reflect any changes made during the budget process.

Deciding which CIP projects to move forward and determining project timing are both very important to serving the needs of the City of Columbia. During the initial stages of the annual CIP process, departments prioritize CIP project requests based on six different categories ranging from Urgent to Deferrable. Using common criteria for determining and prioritizing CIP projects is critical to formulating long-term and short-term plans that reflect the City's values and goals.

Various citizen committees may be formed and appointed by the Council to evaluate projects to be funded through proposed ballot issues. A recent example was the committee formed to assist with passage of the Transportation Sales Tax issue approved by voters in November 2005, which included a list of priority projects to be funded by this tax as part of the CIP.

How are projects in the CIP funded?

The City of Columbia Finance Department evaluates the City's ability to pay for proposed capital projects. This is accomplished by reviewing past revenue and expenditure trends, as well as forecasting future revenues and expenditures for the course of the CIP period. The purpose of this process is to determine the amount of revenue, reserves, and fund balances available from existing sources to pay for capital investments to meet community needs. Following is a list of funding sources for City of Columbia CIP.

Capital Improvement Sales Tax

The City of Columbia uses the Capital Improvement Sales Tax to meet capital needs for Public Safety and Transportation. This is a temporary one-quarter cent (0.250%) sales tax which was first approved in 1991 and must be approved by voters to be extended. In August, 2015 voters approved the extension of the sales tax which will expire on December 31, 2025.

Parks Sales Tax

Columbia voters approved a one-quarter cent (0.250%) Parks Sales Tax in April, 2000. Half of this tax, or one-eighth cent (0.125%), is a permanent tax to support operational costs as well as limited capital projects. The remaining one-eighth cent is temporary and must be presented to the voters to be extended. This temporary portion has been used for capital projects, including construction of new parks and trails. The current one-eighth temporary tax was extended by voters in November 2015, for six years, and will expire March 30, 2022.

Development Charges

When a building permit is issued for new construction, the City of Columbia assesses a fee, currently \$0.50 per square foot. Revenue from this fee is used for construction of collector and arterial streets.

County Revenue

This revenue originates with Boone County's one-half cent (0.500%) sales tax for road and bridge maintenance. Boone County has agreed to share a portion of the revenue with local municipalities. The City of

Columbia utilizes this funding source to improve, maintain, construct and repair city streets and roads. This County tax was renewed by voters in 2008 for a 10-year period, and expires in 2018.

Transportation Sales Tax Fund

This fund accounts for the City's one-half cent (0.500%) sales tax used to fund transportation-related projects. Examples include the public mass transportation system, construction and maintenance of streets, roads, bridges and airports, to the extent of tax revenues.

Designated Loan Fund

This fund includes monies set aside to provide loans to various Enterprise and Internal Service Funds.

Public Improvement Fund

This fund accounts for a portion (4.1%) of the City's one cent (1.000%) sales tax for General Revenue and is allocated for a wide range of public improvements to the City, including streets, sidewalks and parks.

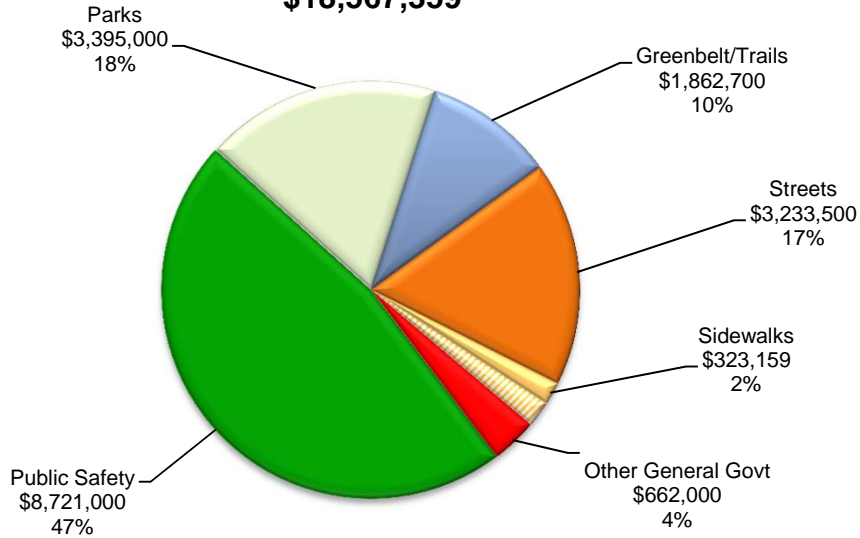
Bond Funds

Utility funds (Water, Electric and Sewer) may obtain voter approval for bond issues to help finance their capital project needs.

40 Projects

General Government Projects

\$18,567,359

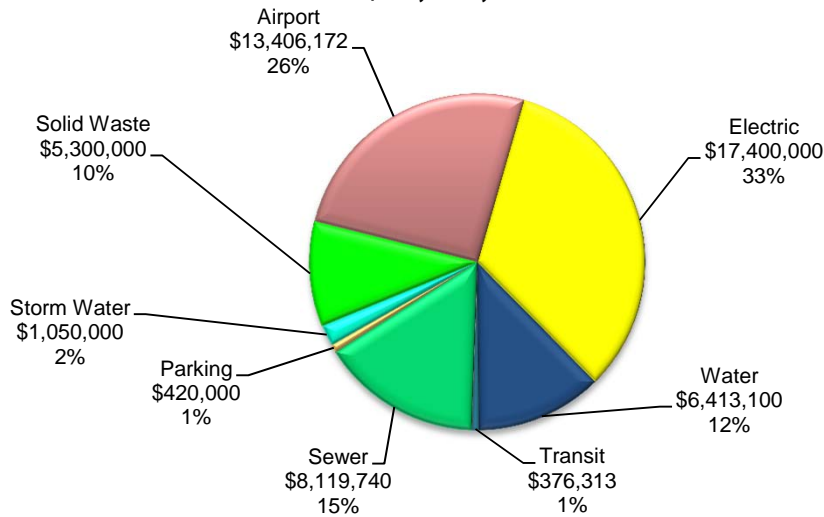


	<u># of Projects</u>	<u>Current Funding Request</u>
Streets	9	\$3,233,500
Sidewalks	3	\$323,159
Major Maintenance	1	\$370,000
Other General Govt	2	\$662,000
Public Safety	3	\$8,721,000
Parks	17	\$3,395,000
Greenbelt/Trails	5	\$1,862,700
	<u>40</u>	<u>\$18,567,359</u>

62 Projects

Enterprise Fund Projects

\$52,485,325

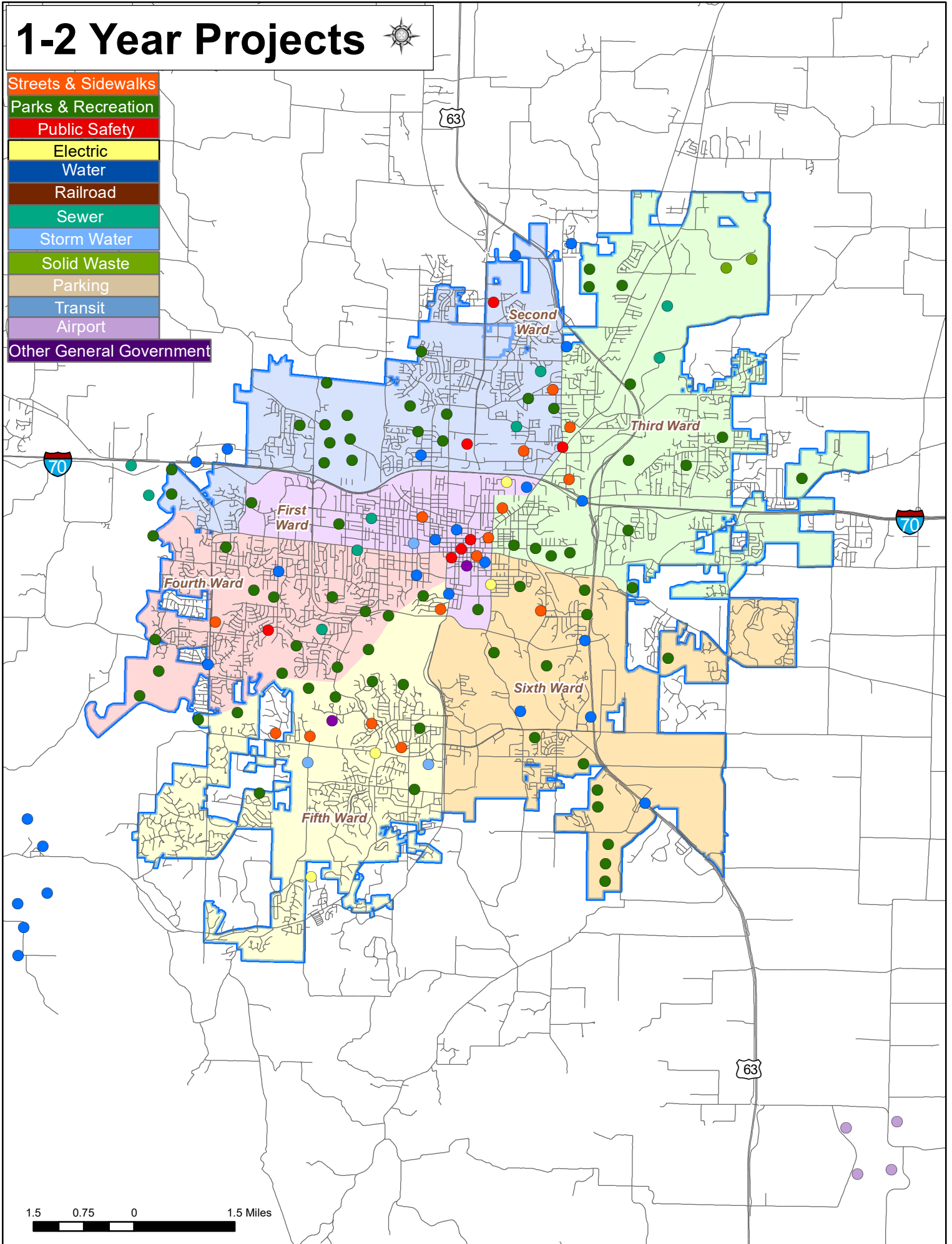


	<u># of Projects</u>	<u>Current Funding Request</u>
Electric	8	\$17,400,000
Water	16	\$6,413,100
Transit	4	\$376,313
Sewer	12	\$8,119,740
Parking	3	\$420,000
Storm Water	8	\$1,050,000
Solid Waste	5	\$5,300,000
Airport	6	\$13,406,172
	<u>62</u>	<u>\$52,485,325</u>

1-2 Year Projects



- Streets & Sidewalks
- Parks & Recreation
- Public Safety
- Electric
- Water
- Railroad
- Sewer
- Storm Water
- Solid Waste
- Parking
- Transit
- Airport
- Other General Government



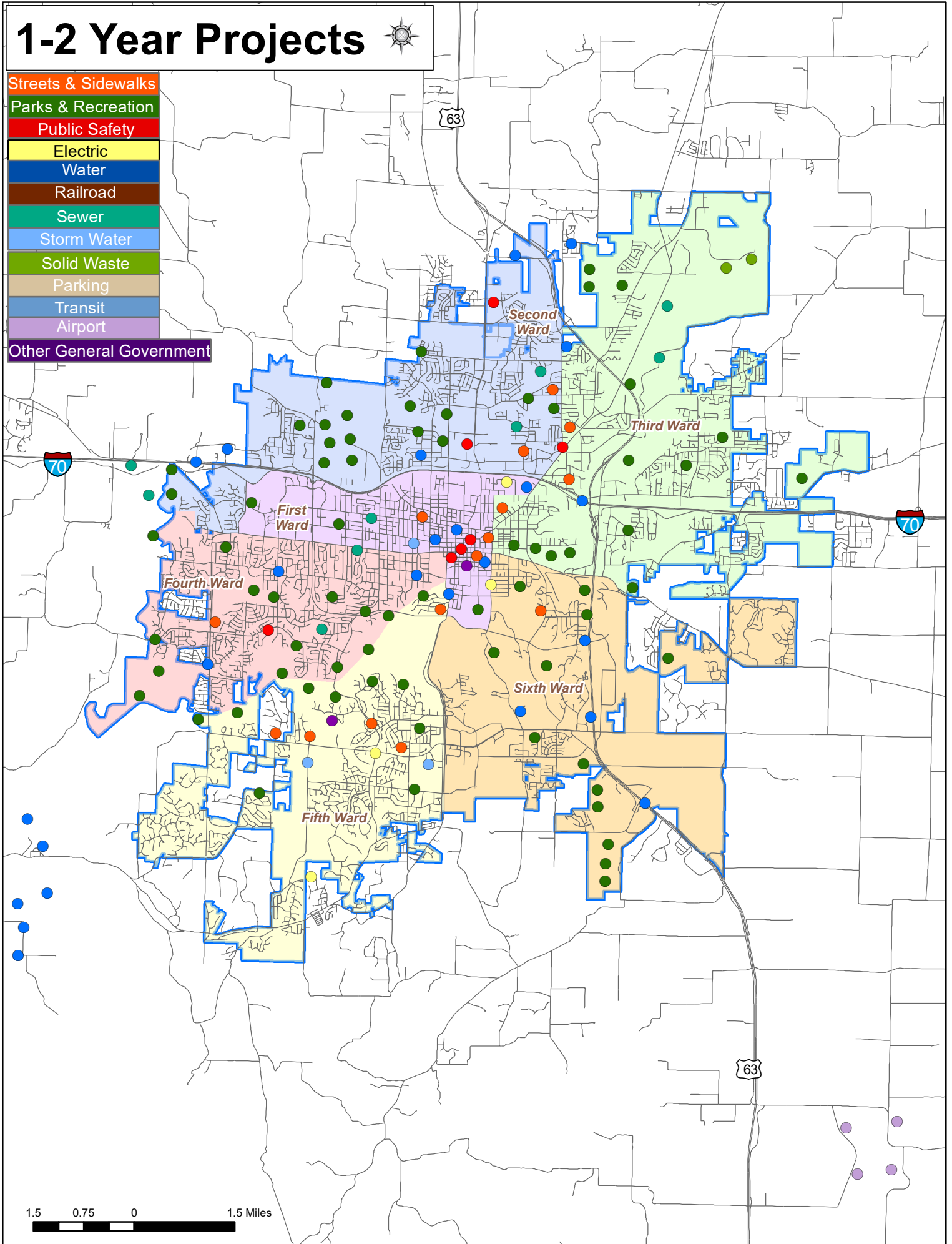
FY 2017 Overall Summary: 1-2 Years Projects

Project Name	Ward	Current Funding Request
Streets, Sidewalks and Major Maintenance - Streets Total Current Funding Request = \$3,233,500		
1 Burnham/Rollins/Prov Int 00290 [ID: 39]	1& 5	
2 Forum & Green Meadows Int Imprvmt - 00634 [ID: 187]	5	
3 GNM: Bike Blvd: MKT north to Bus. Loop 70 00521 [ID: 1571]	1, 4	
4 Ninth & Elm Pedestrian Scramble - 00637 [ID: 1962]	1	
5 Old Mill Creek/Vawter-Nifong Intrscn Impr - 00631 [ID: 191]	5	\$675,000
6 Short Street Garage Traffic Mitigation 00493 [ID: 1473]	1	
7 Sinclair - Nifong Intrsctn Imprmnts - 00644 [ID: 190]	5	\$1,825,000
8 Transfer to GF for Street Maintenance [ID: 2013]	City-wide	\$351,000
9 Vandiver & Parker Roundabout - 00645 [ID: 1360]	2	\$382,500
Streets, Sidewalks and Major Maintenance - Sidewalks Total Current Funding Request = \$323,159		
1 Chapel Hill Road Sidewalk at Scott Blvd [ID: 1848]	4	\$65,000
2 Nifong-Bethel Sidewalk 00501 [ID: 1538]	5	
3 Oakland Gravel Sidewalk - Blue Rdg to Edris 00660 [ID: 101]	2 & 3	\$258,159
Streets, Sidewalks and Major Maintenance - Major Maintenance Total Current Funding Request = \$370,000		
1 Paris Road Resurfacing [ID: 2011]	3	\$370,000
Parks and Recreation - Parks Projects Total Current Funding Request = \$3,395,000		
1 ADA Compliance Phase II 00663 [ID: 1820]	Citywide	\$125,000
2 Albert-Oakland Park Improvements - 00676 [ID: 1918]	2	\$200,000
3 American Legion Park: Shelter, RR, Playgrnd 00664 [ID: 1216]	3	
4 Antimi Sports Complex: Field Improvements - RS073 [ID: 1249]	2	\$450,000
5 Clary-Shy Community Park Improvements [ID: 1825]	1	\$400,000
6 Clyde Wilson Park Improvements [ID: 1955]	6	\$50,000
7 Cosmo Rec Area: Athletic Field Lighting 00665 [ID: 1826]	2	
8 Cosmo Rec Area: Bocce Courts 00666 [ID: 1992]	2	
9 Cosmo Rec Area: Rainbow Softball Center RS086 [ID: 1994]	2	\$100,000
10 Indian Hills Park Improvements 00667 [ID: 1954]	3	
11 LOW Driving Range Construction RS085 [ID: 306]	3	
12 Norma Sutherland Smith Park: Phase II 00669 [ID: 1815]	3	
13 Southeast Regional Park Tennis Complex [ID: 1951]	6	\$250,000
14 Sports Field House - 00624 [ID: 1217]	6	\$1,820,000
15 Twin Lakes Recreation Area: Bathhouse Renov 00670 [ID: 1993]	Citywide	
16 Valleyview Park Improvements 00671 [ID: 1990]	2	
17 Waters House Renovations 00672 [ID: 1991]	6	
Parks and Recreation - Greenbelt/Trails Total Current Funding Request = \$1,862,700		
1 GNM: Clark Lane West, Hinkson Trail/Pedway 00570 [ID: 1767]	3	\$662,700
2 GNM: County House Trl/Pedway Phase 2 West - 00569 [ID: 1742]	4	
3 GNM: Shepard to Rollins Trail/Pedway 00572 [ID: 1766]	6	
4 MKT Bridge Replacements: #2 & 8 - 00674 [ID: 1269]	4,5	
5 Perche Creek Trail Ph I: MKT to Gillespie Bridge [ID: 427]	4,5	\$1,200,000
Public Safety - Police Total Current Funding Request = \$8,721,000		
1 Police Precinct/Municipal Svc Center N - 00641 [ID: 1336]	TBD	\$8,721,000
Public Safety - Fire Total Current Funding Request = \$0		
1 Replace 2002 Quint (15 years old) - 00628 [ID: 1398]		
2 Replace 2003 Quint (14 years old) 00661 [ID: 1400]		
Other General Government Total Current Funding Request = \$662,000		
1 CID Gateway project - 00680 [ID: 2007]	1	\$662,000
2 North Village Land Purchase 00616 [ID: 1943]	1	

1-2 Year Projects



- Streets & Sidewalks
- Parks & Recreation
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- Airport
- Other General Government



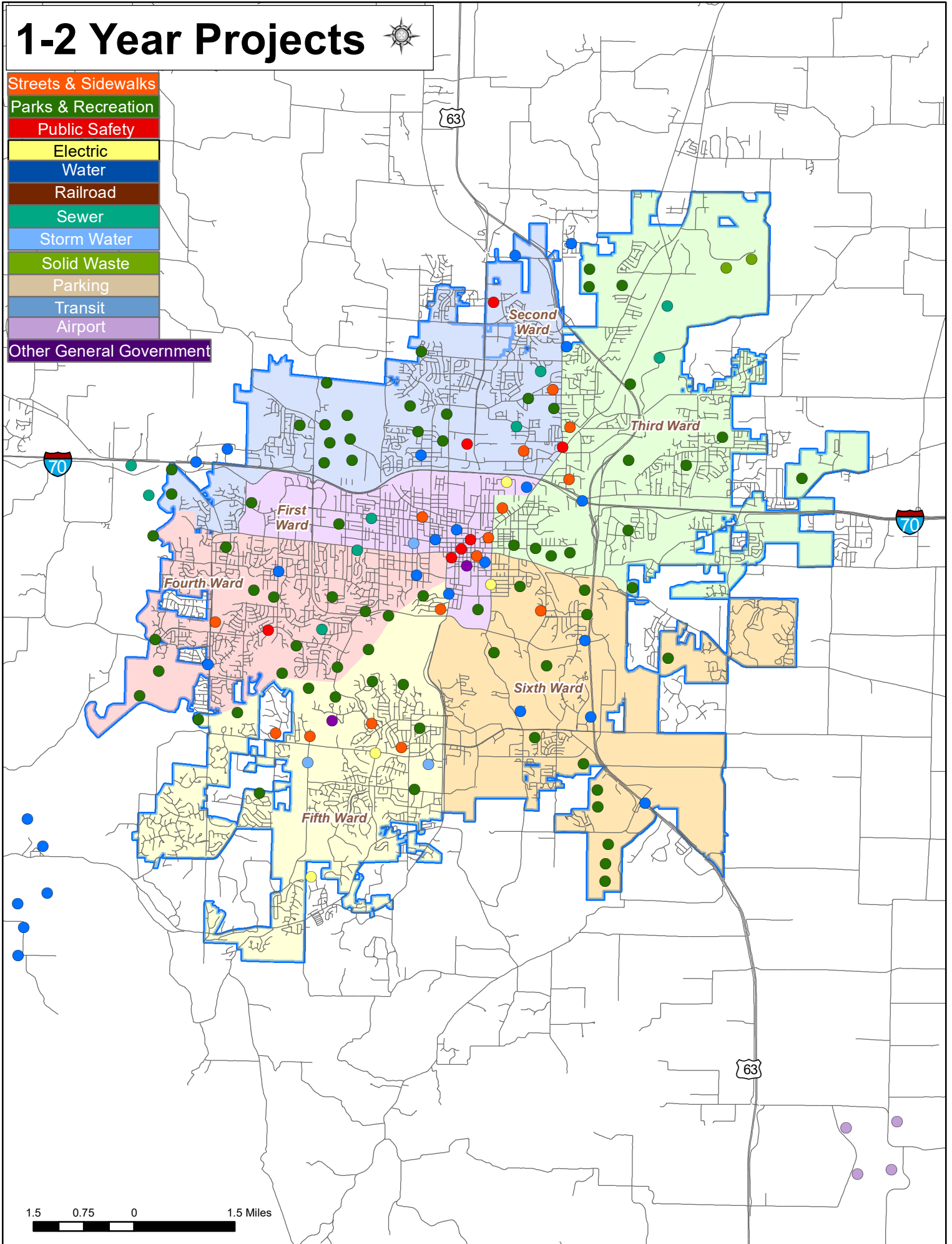
FY 2017 Overall Summary: 1-2 Years Projects

Project Name	Ward	Current Funding Request
Electric Total Current Funding Request = \$17,400,000		
1 College Undergrounding-Univ to Bouchelle - E0179 [ID: 1596]	1 & 6	
2 Distribution Automation - E0200 [ID: 1893]	4	
3 Landfill Gas Generator #4 - E0175 [ID: 1584]	3	\$1,600,000
4 Mill Creek Sub Transmision Connect to 2 Subs-E0148 [ID: 1050]	5 & outside	\$8,000,000
5 More's Lake Restoration - E0204 [ID: 1982]	1	\$1,000,000
6 Reconfiguration of Substation Feeders-E0201 [ID: 1894]		\$4,300,000
7 Replace Landfill Gas Generator Engines - E0203 [ID: 1978]		
8 UG Distribution Lines in Trans Corridor - E0198 [ID: 1845]		\$2,500,000
Water Total Current Funding Request = \$6,413,100		
1 ASR #3 - Conversion of Existing Deep Well - W0140 [ID: 581]	Citywide	\$600,000
2 Bus Loop - Phase 6A - 3,200' Main Replace - W0200 [ID: 722]	3	\$520,000
3 Central Neighborhoods Main Upgrades - W0281 [ID: 2012]	1	
4 Country Club Drive S/E Walnut Phase 2 - W0273 [ID: 1935]		\$560,000
5 DT: Paquin Av: Hitt to College Main Upgrade W0176 [ID: 696]	1	\$196,000
6 Garth Main Replacement - 2,800 FT - W0247 [ID: 1498]	2	\$840,000
7 Gibbs Road/Dawn Drive - W0272 [ID: 1934]		\$712,000
8 Highway Crossings - W0119 [ID: 604]	2 & 3	\$200,000
9 Lime Softening Residual Discharge Pipe - W0234 [ID: 1485]	Outside City Limits	\$2,000,000
10 NC: Park Av: Providence-8th St Main Upg W0182 [ID: 703]	1	\$407,000
11 Riback Road/Blackberry Lane - W0270 [ID: 1932]	6	\$135,000
12 Sierra Madre - El Cortez to Dead End - W0266 [ID: 1928]	5	\$127,500
13 Stadium Crossing @ Audubon - W0250 [ID: 1501]	6	\$115,600
14 Well Field Valve Upgrades - W0274 [ID: 1983]	Outside City Limits	
15 WTP Reclaim Well Modifications - W0275 [ID: 1984]	Outside City Limits	
16 WTP Scada Upgrades - W0278 [ID: 1987]	Outside City Limits	
Sewer Total Current Funding Request = \$8,119,740		
1 Again Street 1105 Property Acquisition - SW509 [ID: 2002]	1	
2 Court and Hickory Street Sewer Relocation - SW505 [ID: 1890]	3	\$427,793
3 FY2016 Sewer Main Rehab [ID: 2016]	Varies	
4 Henderson Brnch Sewer :Midway Sewer Ext -SW255 [ID: 1060]	Outside City	\$2,928,047
5 PCCE #16 - Bingham Rd & West Ridgeley Rd SW240 [ID: 1366]	5	\$133,900
6 PCCE #18 - Spring Valley Road SW241 [ID: 1365]	4	
7 PCCE #21 - Stanford - SW507 [ID: 1912]	4	\$80,000
8 PCCE #22 - Shannon Place - SW502 [ID: 1603]	4	\$100,000
9 PCCE #27 - Grace Ellen - SW254 [ID: 1606]	2	
10 SD #172 Northland Drive - SW506 [ID: 1977]	2	
11 Upper Hinkson Creek Outfall Ext. SW213 [ID: 806]	3	
12 WWTP - Digester Complex Improvements - SW508 [ID: 1303]	4	\$4,450,000
Storm Water Total Current Funding Request = \$1,050,000		
1 Again Street 1105 Property Acquisition - SS135 [ID: 2003]	1	\$90,000
2 Aldeah & Ash Storm Pipe Rehab - SS123 [ID: 1868]	1	
3 Garth @ Oak Tower SS110 [ID: 819]	1	\$410,000
4 Manor Drive - SS129 [ID: 1915]	4	
5 Mill Creek - 307 W Alhambra - SS136 [ID: 2008]	5	\$150,000
6 Nifong & Bethel Drainage Project - SS105 [ID: 1475]	5	
7 Sinclair Culvert at Mill Creek - SS131 [ID: 1914]	5	\$400,000
8 Worley Street 1104 - SS137 [ID: 2010]	1	
Solid Waste Total Current Funding Request = \$5,300,000		
1 Disposal Cell #6 - RF059 [ID: 1522]	3	\$4,000,000

1-2 Year Projects

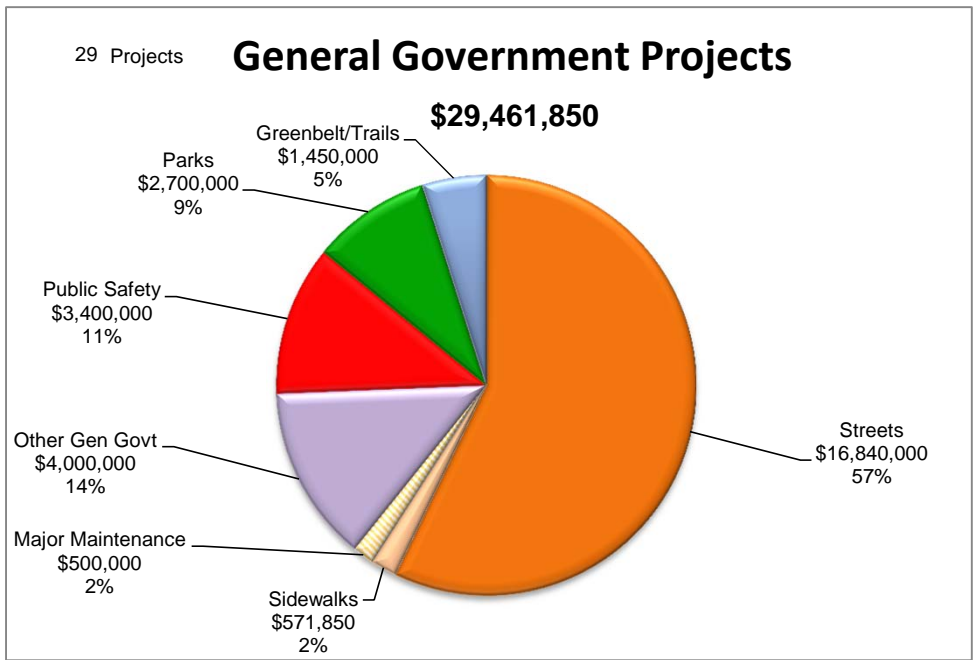


- Streets & Sidewalks
- Parks & Recreation
- Public Safety
- Electric
- Water
- Railroad
- Sewer
- Storm Water
- Solid Waste
- Parking
- Transit
- Airport
- Other General Government

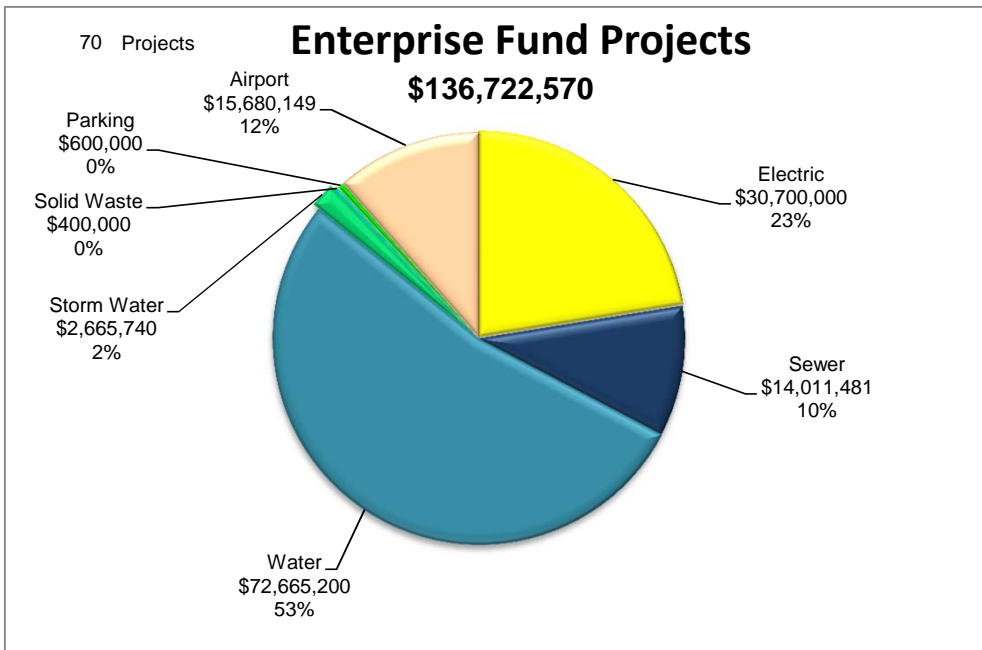


FY 2017 Overall Summary: 1-2 Years Projects

Project Name	Ward	Current Funding Request
Solid Waste Total Current Funding Request = \$5,300,000		
2 Landfill Fuel Station Pump Addition - RF060 [ID: 1995]	3	
3 Landfill Wetlands - RF057 [ID: 1788]	3	
4 Leachate Storage & Handling - RF051 [ID: 1778]	3	
5 Material Recovery Facility Phase 1 - RF055 [ID: 884]	3	\$1,300,000
Parking Total Current Funding Request = \$420,000		
1 6th and Cherry Major Maintenance - PK057 [ID: 1785]	1	
2 Automated Payment for 6th & Cherry Garage - PK059 [ID: 1873]	1	\$180,000
3 Automated Payment for Plaza Garage - PK060 [ID: 1784]	1	\$240,000
Transit Total Current Funding Request = \$376,313		
1 Annual Bus Shelters - PT058 [ID: 1965]		
2 Bus Priority-Traffic Signal System PT046 [ID: 1354]	Citywide	\$80,000
3 CDBG Bus Shelters - PT057 [ID: 1948]		\$100,000
4 CoMO Connect Bus Shelters (FY14 Approp) - PT056 [ID: 1798]	Various	\$196,313
Airport Total Current Funding Request = \$13,406,172		
1 1,500 ARFF Truck - AP117 [ID: 1719]	Airport	
2 13-31 (5500x100) & TW B Turnarounds AP115 [ID: 1792]	Airport	\$6,599,710
3 Replace Primary Airline Counter AP087 [ID: 1120]	Airport	
4 Route H AP090 [ID: 1923]		\$3,162,387
5 Snow Removal Broom Truck [ID: 1937]		\$738,663
6 T/W B (2750x100) West of T/W A - AP118 [ID: 1922]		\$2,905,412



	<u># of Projects</u>	<u>Current Funding Request</u>
Streets	5	\$16,840,000
Sidewalks	2	\$571,850
Major Maintenance	1	\$500,000
Other Gen Govt	1	\$4,000,000
Public Safety	3	\$3,400,000
Parks	15	\$2,700,000
Greenbelt/Trails	2	\$1,450,000
	<u>29</u>	<u>\$29,461,850</u>

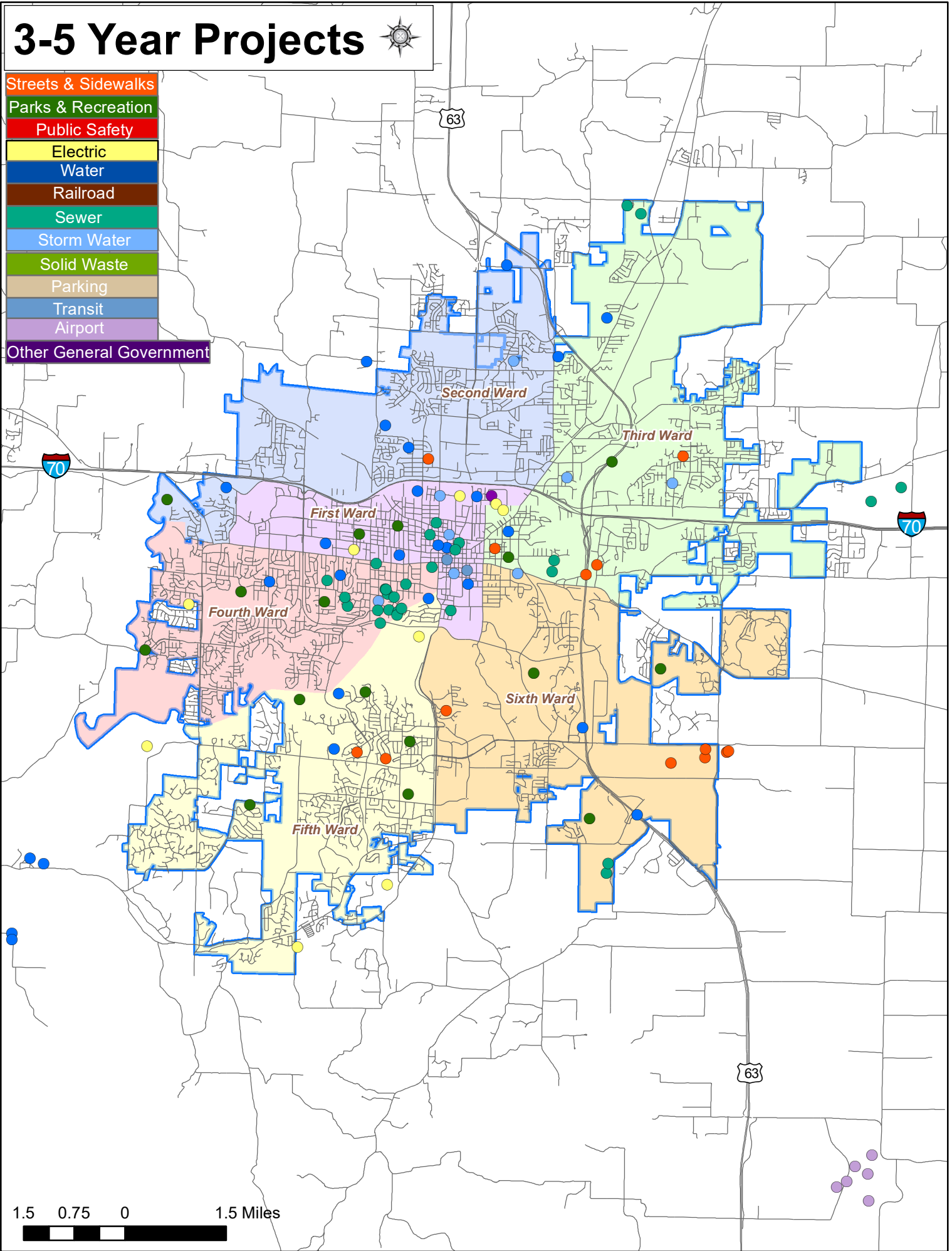


	<u># of Projects</u>	<u>Current Funding Request</u>
Electric	9	\$30,700,000
Sewer	15	\$14,011,481
Water	27	\$72,665,200
Storm Water	8	\$2,665,740
Solid Waste	1	\$400,000
Parking	3	\$600,000
Airport	7	\$15,680,149
	<u>70</u>	<u>\$136,722,570</u>

3-5 Year Projects



- Streets & Sidewalks
- Parks & Recreation
- Public Safety
- Electric
- Water
- Railroad
- Sewer
- Storm Water
- Solid Waste
- Parking
- Transit
- Airport
- Other General Government



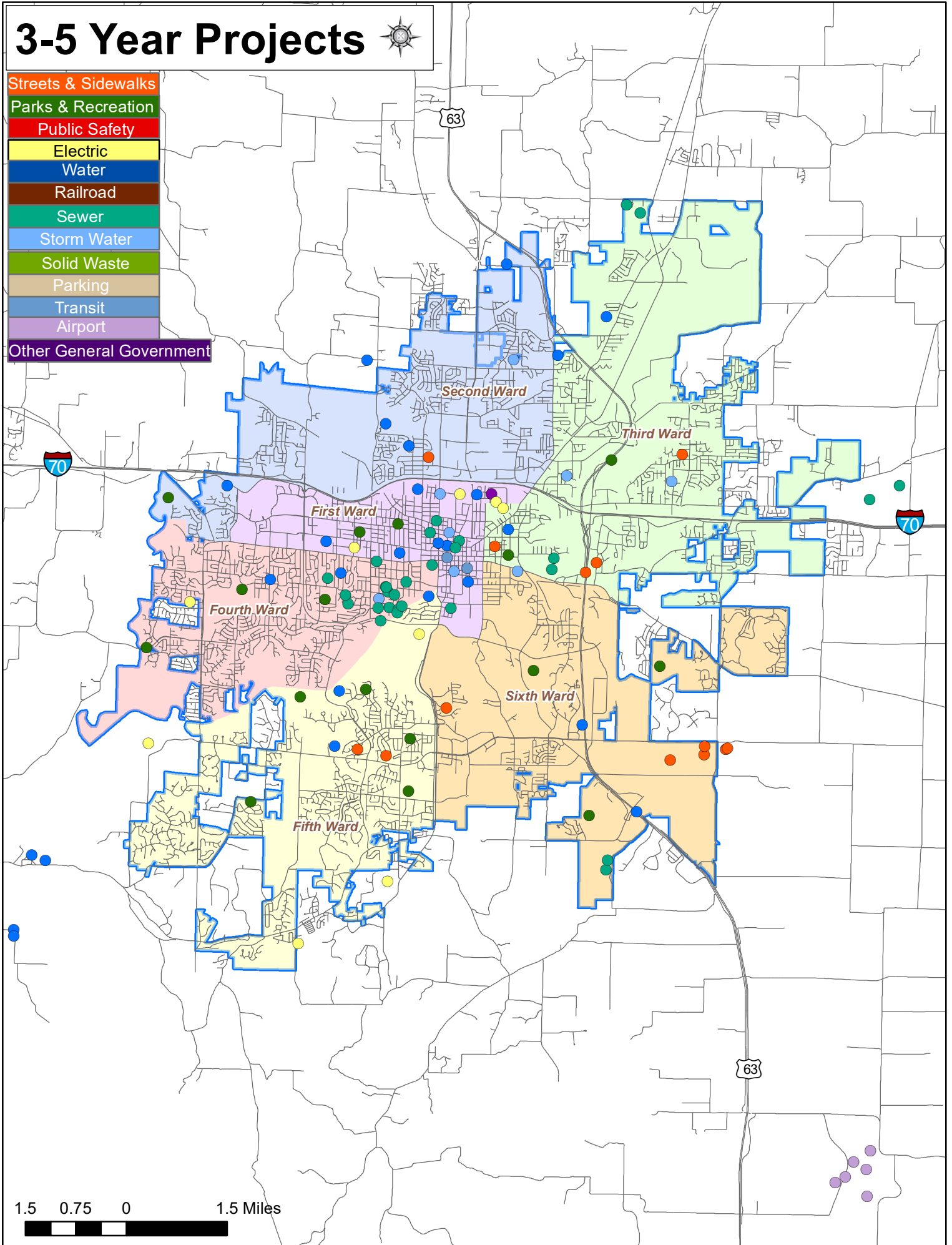
FY 2017 Overall Summary: 3-5 Years Projects

Project Name	Ward	Current Funding Request
Streets, Sidewalks and Major Maintenance - Streets Total Current Funding Request = \$16,840,000		
1 Ballenger Ln - Ria to Mexico Gravel - 00642 [ID: 22]	3	\$2,250,000
2 Discovery Parkway: Gans to New Haven - 00633 [ID: 1155]	6	\$4,860,000
3 Forum Blvd-Green Meadows to Nifong - 00653 [ID: 1979]	5	
4 Keene St-St. Charles & Outer Rd Intersection Imp [ID: 1747]	3	\$600,000
5 Nifong -Providence to Forum 4 Lane - 00643 [ID: 97]	5	\$9,130,000
Streets, Sidewalks and Major Maintenance - Sidewalks Total Current Funding Request = \$571,850		
1 Carter Lane Sidewalk 00548 [ID: 1734]	6	\$400,000
2 Leslie Ln Sdwk - N Garth Av to Newton Dr [ID: 238]	2	\$171,850
Streets, Sidewalks and Major Maintenance - Major Maintenance Total Current Funding Request = \$500,000		
1 MM - Walnut from College to Old 63 [ID: 1841]	3	\$500,000
Parks and Recreation - Parks Projects Total Current Funding Request = \$2,700,000		
1 Again Street Park Improvements [ID: 1952]	1	\$100,000
2 Battle Park Phase I Development [ID: 1959]	3	\$320,000
3 Cosmo Rec Area: Parks Mgmt Center Improvements [ID: 457]	2	\$200,000
4 Cosmo-Bethel Park Improvements [ID: 1953]	5	\$125,000
5 Fairview Park/Bonnie View: Phase II Improvements [ID: 309]	4	\$125,000
6 Kiwanis Park Improvements [ID: 322]	4	\$125,000
7 Lions-Stephens Park Improvements 00668 [ID: 1264]	3	\$100,000
8 Magnolia Falls Neighborhood Park Development [ID: 1819]	5	\$125,000
9 MKT Wetlands/Forum Nature Area Restoration [ID: 1956]	5	\$80,000
10 Oakwood Hills Park Improvements [ID: 1675]	5	\$125,000
11 Philips Park Improvements [ID: 1957]	6	\$800,000
12 Rock Bridge Park Improvements [ID: 1657]	5	\$125,000
13 Strawn Park: Phase II [ID: 1637]	4	\$200,000
14 The Vinyards/El Chapparal Lake/Park Development [ID: 1950]	6	\$75,000
15 Worley St Park Improvement [ID: 1633]	1	\$75,000
Parks and Recreation - Greenbelt/Trails Total Current Funding Request = \$1,450,000		
1 Chapel Hill Connector - Perche Creek Trail [ID: 1949]	4	\$500,000
2 Hinkson Creek Trail: Stephens to Clark Lane [ID: 1188]	3	\$950,000
Public Safety - Fire Total Current Funding Request = \$3,400,000		
1 Replace 2004 Quint (14 years old) [ID: 1402]		\$1,000,000
2 Replace 2006 Quint (14 years old) [ID: 1407]		\$1,100,000
3 Rpl. 2001 Ladder Truck (18 Years Old) 00496 [ID: 500]		\$1,300,000
Other General Government Total Current Funding Request = \$4,000,000		
1 Grissum Building Renovations 00659 [ID: 1821]		\$4,000,000
Electric Total Current Funding Request = \$30,700,000		
1 Broadway Undergrounding - E0120 [ID: 549]	1	
2 Brushwood Lake Road Loop Closure - E0185 [ID: 1602]	5 & Outside City	\$750,000
3 Business Loop 70 - Phase 5 Undergrounding - E0140 [ID: 689]	1 & 3	\$2,450,000
4 Extend Hinkson Creek Substation Feeders - E0193 [ID: 1837]	5	\$10,000,000
5 Future Substation Transformer - E0184 [ID: 1601]	4	\$600,000
6 McBaine Substation Upgrades - E0196 [ID: 1840]		\$2,500,000
7 Mill Creek & McBaine Interconnection - E0195 [ID: 1839]		\$10,000,000
8 Power Plant Substation Upgrades - E0151 [ID: 1056]	1	
9 Warehouse & Enclosed Equipment Parking - E0176 [ID: 1593]	3	\$4,400,000
Water Total Current Funding Request = \$72,665,200		
1 16" Main - Barberry to Worley - 4,300 FT - W0244 [ID: 1495]	1 & 2	\$1,400,000

3-5 Year Projects



- Streets & Sidewalks
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- Other General Government



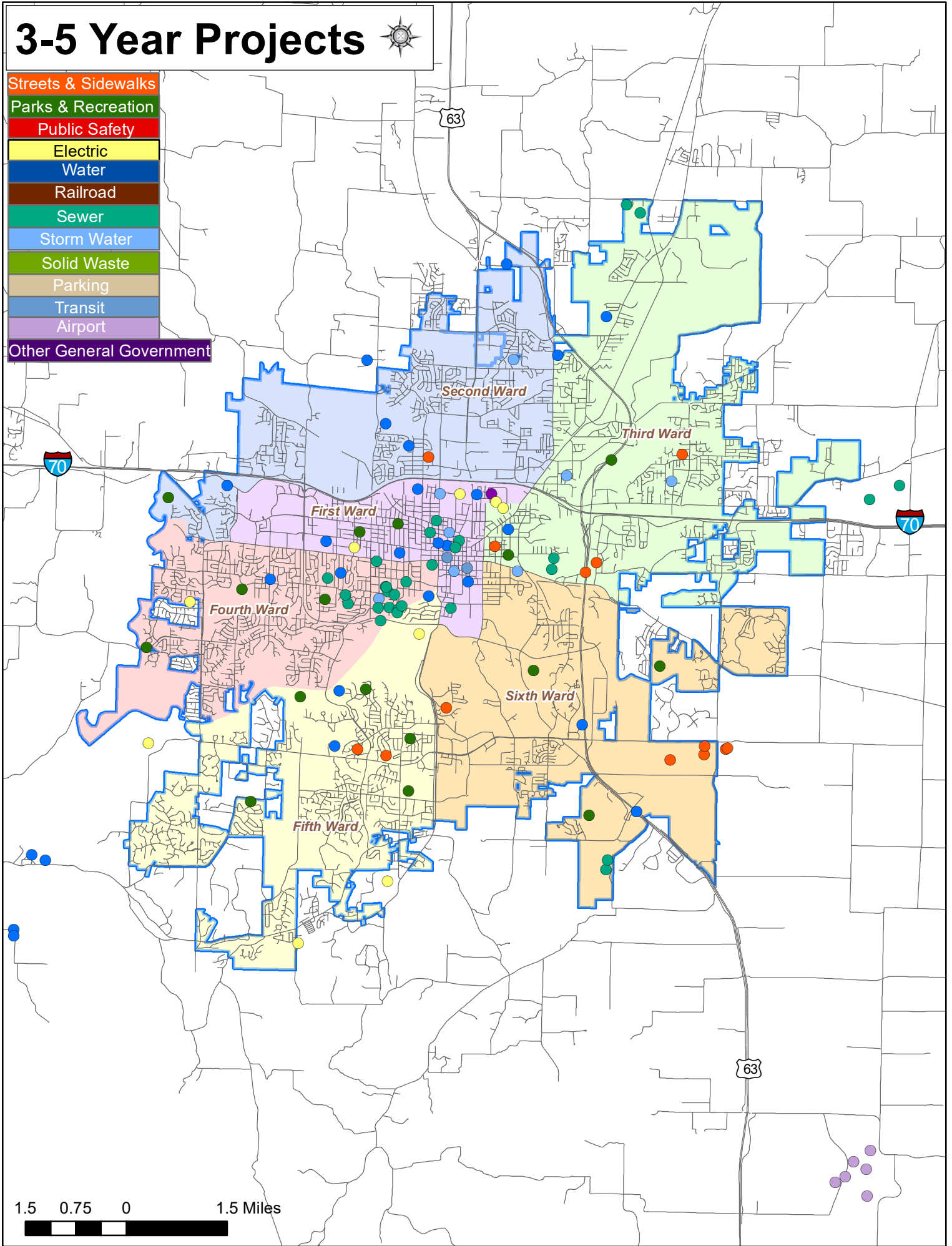
FY 2017 Overall Summary: 3-5 Years Projects

Project Name	Ward	Current Funding Request
Water Total Current Funding Request = \$72,665,200		
2 16" Main-Hwy63 - West Crossing to Stadium-W0229 [ID: 1283]	3	
3 16" Transmission Main to Prathersville Tank-W0242 [ID: 1493]	1 & 2	\$9,500,000
4 2MG Elevated Storage - Prathersville - W0243 [ID: 1494]	2	\$7,700,000
5 Alluvial Wells #19 AND #20 - W0277 [ID: 1986]		\$2,000,000
6 Bingham Road - Phase II - W0254 [ID: 1505]	5	\$375,000
7 Booster Chlorination at ASR's - W0238 [ID: 1489]	4	\$660,000
8 Broadway Main Replacement Garth to W Blvd - W0141 [ID: 575]	1 & 4	
9 Brown Station Rd - Stark Av to Mojave Ct - W0241 [ID: 1492]	3	\$1,035,000
10 Bus Loop - Garth-Prov - 2,600' Main Replace -W0198 [ID: 720]	1	\$645,000
11 Bus Loop - Phase 5 - 3,800' Main Replace - W0199 [ID: 721]	1	\$1,322,000
12 Clinkscales Road Replacement - W0265 [ID: 1927]		\$280,000
13 Crown Point - Loop to Spring Valley - W0267 [ID: 1929]		\$420,000
14 DT: 7th St: Broadway to Ash Main Rpl W0166 [ID: 669]	1	\$160,000
15 DT: Waugh St: Locust to Paquin Main Upgrade W0180 [ID: 700]	1	\$133,400
16 Loop Closure, Charles St - Business Loop - W0240 [ID: 1491]	3	\$480,000
17 Main Adjustment-Forum Blvd Improvements-W0253 [ID: 1504]	4 & 5	\$45,000
18 Main Adjustment-Nifong Blvd Improvements-W0256 [ID: 1507]	5	\$250,000
19 Morris Drive/Heying Drive - W0271 [ID: 1933]		\$187,500
20 NC: 5th St: Ash-Hickman Main Upgrade W0183 [ID: 704]	1	\$323,000
21 New Southeast Pump Station - W0280 [ID: 1989]		\$2,800,000
22 New Well Platforms - W0279 [ID: 1988]		\$1,600,000
23 Parkade Blvd Main Replacement -3,600 FT- W0246 [ID: 1497]	2	\$856,800
24 Proctor Dr - Bear Creek to Creasy Springs-W0257 [ID: 1508]	2	\$992,500
25 Replace Alluvial Wells #2 AND #7 - W0276 [ID: 1985]		\$1,200,000
26 Water Treatment Plant Upgrade - Phase 1 - W0236 [ID: 1487]	Outside City Limits	\$35,000,000
27 West Ash Upgrades W0145 [ID: 644]	System-Wide	\$3,300,000
Sewer Total Current Funding Request = \$14,011,481		
1 FBRS - 4th Street - Elm to Rogers/Broadway -SW258 [ID: 1864]	1	\$3,862,251
2 Gans Creek Pump Station Upgrade [ID: 1196]	6	\$2,750,000
3 North Grindstone Outfall Ext. Phase III SW214 [ID: 732]	Outside city	\$1,400,000
4 PCCE #23 - Lakeshore Drive & Edgewood Ave - SW503 [ID: 1911]	4	\$275,000
5 PCCE #25 - Glenwood & Redbud - SW504 [ID: 1605]	4	\$560,000
6 PCCE #28 - Hickory Hill Drive & Sunset Drive [ID: 1910]	4	\$180,000
7 PCCE #29 - East Sunset Lane [ID: 1909]	4	\$275,000
8 PCCE #30 - West Stewart, Edgewood, Westmount ave [ID: 1908]	4	\$395,000
9 PCCE #31 - Oakwood Court [ID: 1907]	4	\$170,000
10 PCCE #33 - Lyon Street [ID: 1906]	1	\$95,000
11 PCCE #34 - Forest Hill Court & Ridge Road [ID: 1905]	4	\$610,000
12 PCCE #35 - Richmond Avenue [ID: 1904]	1	\$155,000
13 Sexton Road Relief Sewer [ID: 1326]	1	\$2,543,200
14 Stephens Park Sewer Relocation [ID: 747]	3	\$140,000
15 Upper Bear Creek Sewer Replacement [ID: 1529]	3	\$601,030
Storm Water Total Current Funding Request = \$2,665,740		
1 Alan Lane [ID: 870]	3	\$276,840
2 Capri Estates Drainage [ID: 828]	2	\$410,000
3 Greenwood South [ID: 1631]	4	\$215,000
4 Hickman & 6th & 7th - SS134 [ID: 1618]	1	\$340,000
5 Nebraska Avenue [ID: 1616]	1	\$390,000
6 Quail Drive - SS067 [ID: 821]	3	\$355,000
7 Rockhill Rd [ID: 873]	6	\$505,050

3-5 Year Projects

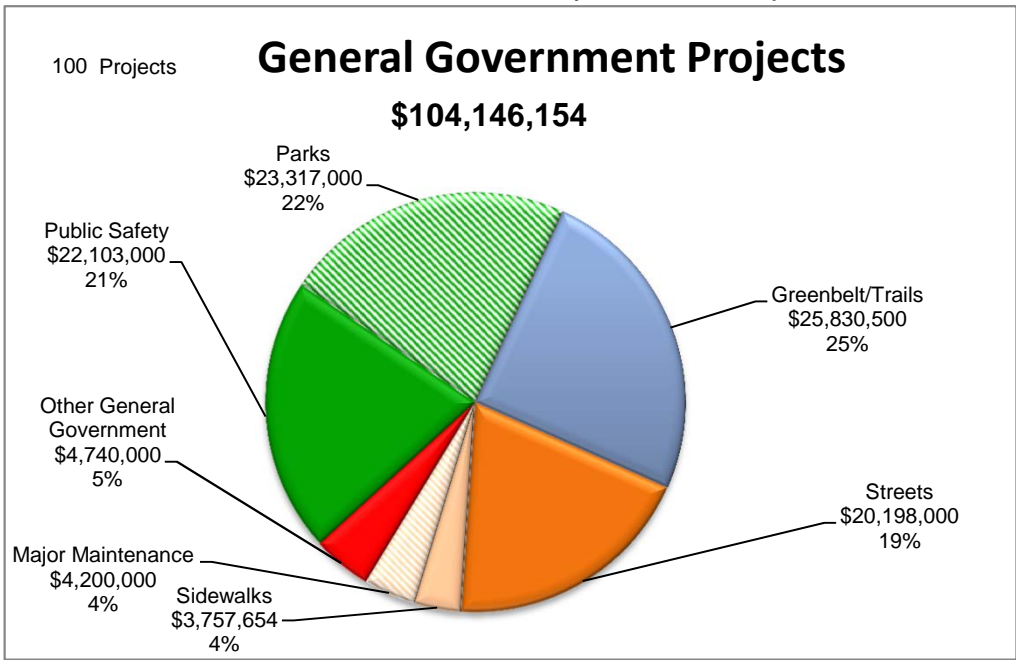


- Streets & Sidewalks
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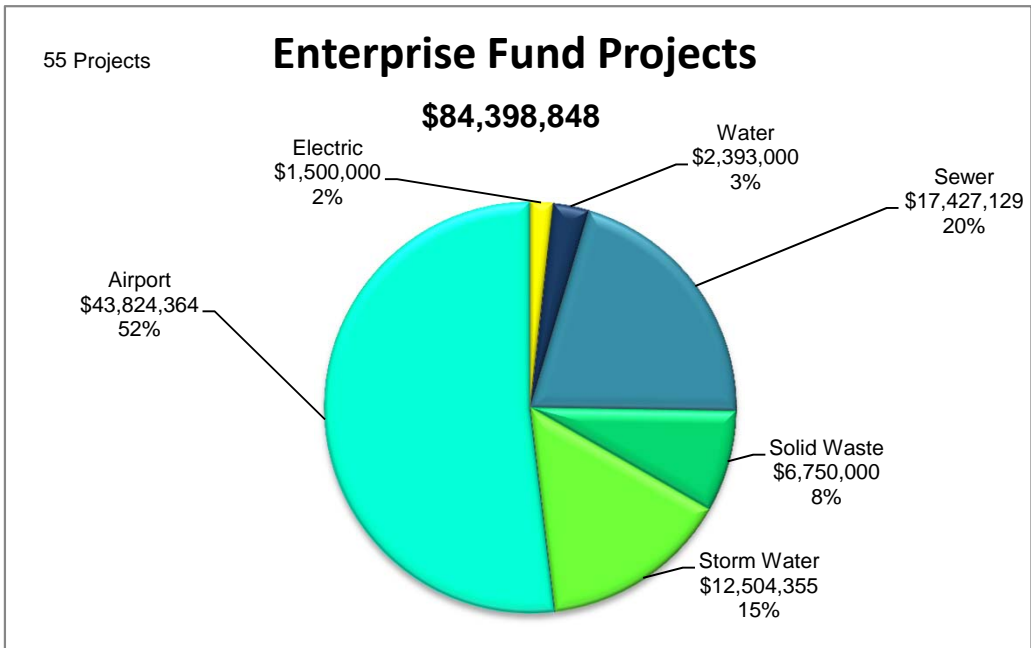


FY 2017 Overall Summary: 3-5 Years Projects

Project Name	Ward	Current Funding Request
Storm Water Total Current Funding Request = \$2,665,740		
8 Seventh and Locust [ID: 1374]	1	\$173,850
Solid Waste Total Current Funding Request = \$400,000		
1 Landfill Expansion Permitting - RF061 [ID: 1585]	3	\$400,000
Parking Total Current Funding Request = \$600,000		
1 Automated payment for 10th & Cherry Garage [ID: 1874]	1	\$200,000
2 Automated Payment for 5th & Walnut Garage [ID: 1875]	1	\$200,000
3 Automated Payment for 8th & Cherry garage [ID: 1876]	1	\$200,000
Airport Total Current Funding Request = \$15,680,149		
1 2-20 & Taxiway A North Extension [ID: 1924]		\$8,512,732
2 Airport Landside Pavement Improvement Ph III AP121 [ID: 1926]		\$750,000
3 Parking Expansion [ID: 941]	Airport	\$207,933
4 Runway 2-20 Isolated Pavement Remediations [ID: 1720]	Airport	\$3,652,372
5 SRE Equip;Runway Tow Broom & Tow De-icer AP099 [ID: 1256]	Airport	\$313,541
6 T/W A5: New Connector [ID: 1721]	Airport	\$1,177,852
7 T/W B2 & C Design and Construction [ID: 1725]	Airport	\$1,065,719



	<u># of Projects</u>	<u>Current Funding Request</u>
Streets	7	\$20,198,000
Sidewalks	10	\$3,757,654
Major Maintenance	2	\$4,200,000
Other General Government	2	\$4,740,000
Public Safety	12	\$22,103,000
Parks	47	\$23,317,000
Greenbelt/Trails	20	\$25,830,500
	<u>100</u>	<u>\$104,146,154</u>

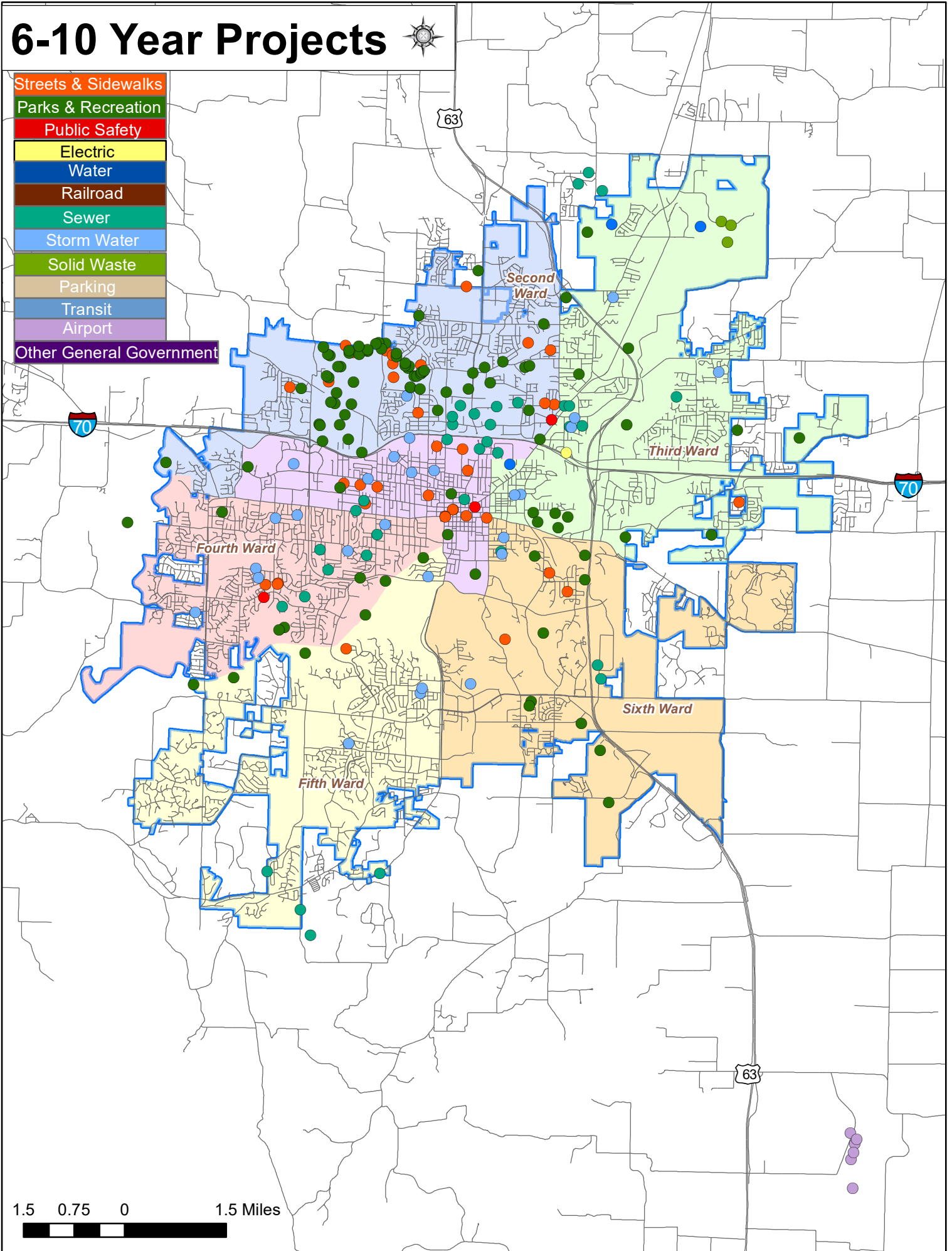


	<u># of Projects</u>	<u>Current Funding Request</u>
Electric	1	\$1,500,000
Water	3	\$2,393,000
Sewer	15	\$17,427,129
Solid Waste	3	\$6,750,000
Storm Water	26	\$12,504,355
Airport	7	\$43,824,364
	<u>55</u>	<u>\$84,398,848</u>

6-10 Year Projects



- Streets & Sidewalks
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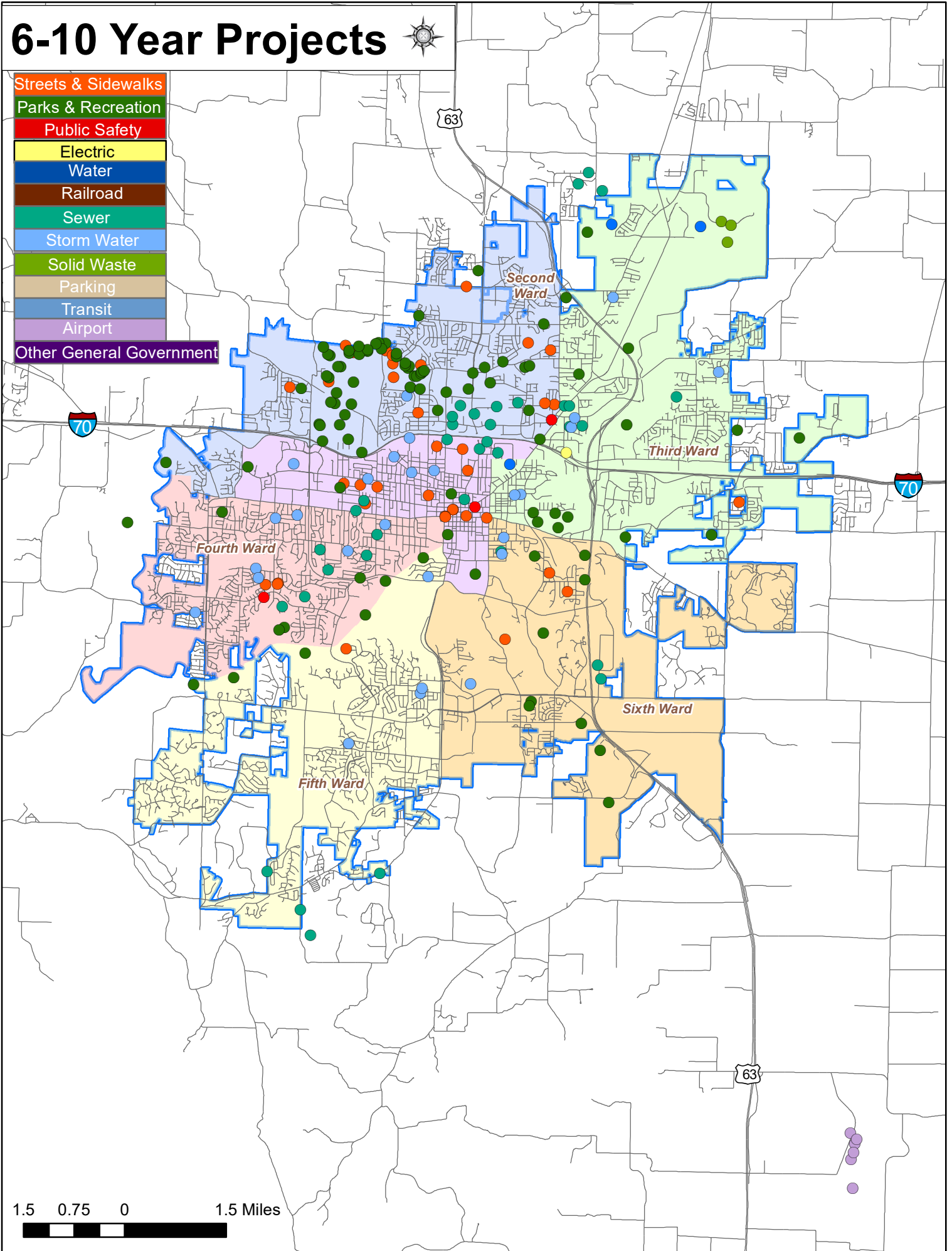
FY 2017 Overall Summary: 6-10 Years Projects

Project Name	Ward	Current Funding Request
Streets, Sidewalks and Major Maintenance - Streets Total Current Funding Request = \$20,198,000		
1 Ash Street 4-Way Stop Removal [ID: 1525]	1	\$2,600,000
2 Broadway & Dorsey St. pedestrian signal-00553 [ID: 1331]	3 & 6	\$198,000
3 Fairview & Chapel Hill Int Imprvmts 00618 [ID: 184]	5	\$500,000
4 Forum Blvd: Chapel Hill to Woodrail (4 lane) [ID: 1335]	4 & 5	\$12,700,000
5 Grace Ln. - Richland to Stadium Extension [ID: 1535]	3	\$3,200,000
6 Rock Quarry Rd-Grindstone Prkwy to Stadium 9400 ft [ID: 115]	6	\$1,000,000
7 Vandiver Drive & Paris Road 00522 [ID: 1523]	3	
Streets, Sidewalks and Major Maintenance - Sidewalks Total Current Funding Request = \$3,757,654		
1 Audubon Dr Sdwk-Shepard Blvd-N Azalea [ID: 228]	6	\$152,000
2 Broadway & 5th Sdwk-Intrscn Imprvmts [ID: 33]	1	\$375,000
3 Bus Loop 70 Sdwk- Garth Av-Providence [ID: 212]	1	\$325,000
4 Bus Loop 70 Sdwk-Providence to Rangeline - 00649 [ID: 213]	1	\$410,000
5 Locust Sidewalk (north side, 8th to 9th) [ID: 1856]	1	\$81,154
6 Oakland Grvl - Smiley-Blue Rdg 00330 [ID: 170]	2 & 3	\$488,500
7 Oakland Sidewalk: Vandiver north to exist sdwk [ID: 1394]	2 & 3	\$300,000
8 Primrose Drive Sidewalk [ID: 1697]	2	\$615,000
9 Shepard Blvd Sdwk - Old 63 to Danforth [ID: 227]	6	\$111,000
10 West Boulevard Sidewalk: Ash St. to Worley St. [ID: 1393]	1	\$900,000
Streets, Sidewalks and Major Maintenance - Major Maintenance Total Current Funding Request = \$4,200,000		
1 MM-Garth Avenue: BL 70 to Thurman [ID: 1316]	1 & 2	\$3,950,000
2 MM-Rangeline - Rogers to Wilkes [ID: 1779]	1	\$250,000
Parks and Recreation - Parks Projects Total Current Funding Request = \$23,317,000		
1 400 Meter Outdoor Track with Turf Sports Field [ID: 1919]	TBD	\$600,000
2 Albert-Oakland Park: Enclose Pool w/Air Structure [ID: 1221]	2	\$125,000
3 Aquatic Facility [ID: 428]	6	\$4,000,000
4 ARC Gym/Fitness Expansion [ID: 297]	1	\$2,800,000
5 Atkins: Park Development-Future phases [ID: 317]	3	\$3,553,000
6 Boxer Park Development [ID: 1667]	2	\$60,000
7 Cosmo Rec Area: Northeast Quarry Area [ID: 1673]	2	\$770,000
8 Cosmo Rec Area: Park Mgmt Center: Rpl Fab Shop [ID: 1677]	2	\$850,000
9 Cosmo Rec Area: RC Track Improvements [ID: 1219]	2	\$75,000
10 Cosmo Rec Area: Shelters Replacement [ID: 320]	2	\$325,000
11 Cosmo Rec Area: Skate Park Expansion [ID: 1687]	2	\$750,000
12 Cosmo Rec Area: Skate Park/Roller Hockey Lights [ID: 310]	2	\$150,000
13 Cosmo Rec Area: Soccer Field/Concession Imprv [ID: 283]	2	\$295,000
14 Cosmo Rec Area: Tennis Court Lights & Shelter [ID: 1688]	2	\$263,000
15 Cosmo Rec Area: Tennis Court Resurfacing [ID: 1824]	2	\$100,000
16 Douglass Park: Multipurpose Building [ID: 1682]	1	\$1,298,000
17 Forum Nature Area Improvements [ID: 1674]	5	\$30,500
18 Garth Nature Area: Park & Dog Park Improvements [ID: 1670]	2	\$53,000
19 Grasslands Park Improvements [ID: 1681]	5	\$30,000
20 Jay Dix Station - Phase II [ID: 1828]	5	\$150,000
21 Kyd Park Development [ID: 1829]	2	\$125,000
22 LOW Aquatic Facility Improvements [ID: 1680]	Outside City limits	\$454,000
23 MLK Memorial & Battle Garden Improvements [ID: 1679]	4	\$121,000
24 Neighborhood Park Dev - Priority 1 (TBD) [ID: 1817]	TBD	\$150,000
25 Neighborhood Park Dev - Priority 2 (TBD) [ID: 1818]	TBD	\$150,000
26 Nifong Park: Covered Tractor & Implement Structure [ID: 1671]	6	\$250,000
27 Playground Improvements [ID: 1921]	TBD	\$200,000

6-10 Year Projects



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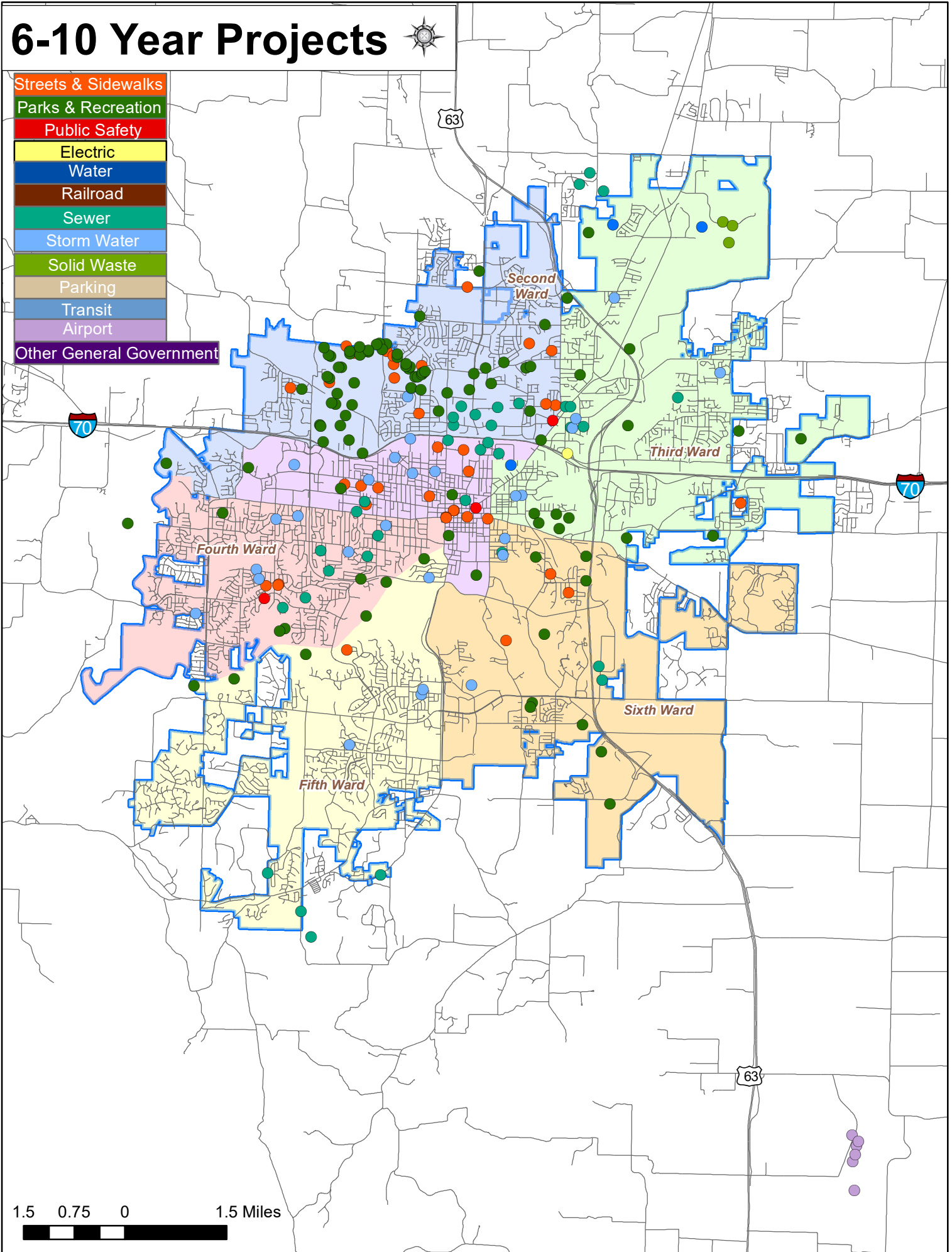
FY 2017 Overall Summary: 6-10 Years Projects

Project Name	Ward	Current Funding Request
Parks and Recreation - Parks Projects Total Current Funding Request = \$23,317,000		
28 Proctor Park Improvements [ID: 327]	2	\$105,000
29 Racquetball Courts: Outdoor [ID: 1685]	TBD	\$45,000
30 Rock Quarry Park: Building Improvements [ID: 308]	6	\$375,000
31 Rock Quarry Park: Park & Trail Improvements [ID: 1656]	6	\$200,000
32 Rothwell Park Improvements [ID: 1655]	4	\$95,000
33 Shepard Park Improvements [ID: 1654]	6	\$80,000
34 Smiley Lane Park Improvements [ID: 1652]	2	\$45,000
35 Smithton Park Improvements [ID: 1651]	1	\$98,000
36 Stephens Lake Park: Botanical Garden Improvements [ID: 1642]	3	\$140,000
37 Stephens Lake Park: E. Walnut Development [ID: 313]	3	\$450,000
38 Stephens Lake Park: Lake & Sprayground Improvement [ID: 1644]	3	\$190,000
39 Stephens Lake Park: Playground Improvements [ID: 1643]	3	\$150,000
40 Stephens Lake Park: SE Trailhead Improvements [ID: 1647]	3	\$175,000
41 Synthetic Turf - Athletic Field [ID: 1827]	TBD	\$800,000
42 Tennis Courts: Enclose 4 Courts with Air Structure [ID: 1664]	TBD	\$400,000
43 Twin Lakes Rec Area: Aquatic Facility-Pool [ID: 1635]	4	\$1,500,000
44 Twin Lakes Rec Area: Lake & Misc Park Improvements [ID: 1636]	4	\$411,500
45 Valleyview Park Improvements [ID: 1640]	2	\$130,000
46 Waters-Moss Develop Phase II: Waters & Jones Bldgs [ID: 1632]	6	\$125,000
47 Westwinds Park Improvements [ID: 1639]	4	\$75,000
Parks and Recreation - Greenbelt/Trails Total Current Funding Request = \$25,830,500		
1 Bear Creek Trail Renovation: Creasy to Skatepark [ID: 1098]	2	\$1,075,000
2 Bear Creek Trail: Albert-Oakland Park to Lange [ID: 380]	2	\$950,000
3 Bear Creek Trail: CCRA to Blackfoot Rd. [ID: 1659]	2	\$500,000
4 Bear Creek Trail: Hard Surface Wash/Problem [ID: 447]	2	\$710,000
5 Bear Creek Trail: Lange to Fairgrounds [ID: 437]	2,3	\$2,600,000
6 COLT RR Trail Ph 1: Columbia College to Vandiver [ID: 1273]	3	\$3,000,000
7 Cosmo Park Bear Creek Boardwalk Renovation [ID: 378]	2	\$125,000
8 Cosmo Park Trail-Stadium Diverging Diamond to BCT [ID: 1581]	2	\$700,000
9 Cow Branch: Providence to Auburn Hills [ID: 448]	2	\$1,820,000
10 Hinkson Cr Trail: Old 63 to East Campus Connector [ID: 1298]	6	\$1,740,000
11 Hinkson Creek Trail: Clark Lane to Vandiver [ID: 1961]	3	\$1,750,000
12 Hinkson Creek Trail: Vandiver pedway to Colt RR [ID: 1661]	3	\$1,300,000
13 Hominy Creek Trail: Old 63 to Green Valley [ID: 1660]	6	\$800,000
14 MKT Bridge Replacements: #10 [ID: 1816]	4 & 5	\$320,000
15 MKT Trail: New Restroom at Flat Branch Park [ID: 1669]	1	\$200,000
16 MKT Trail: Scott Blvd Improvements [ID: 1676]	5	\$40,500
17 N Fork Grindstone Trail: Confluence to Eastport Pk [ID: 433]	6,3	\$2,700,000
18 Perche Creek Trail Ph 3: Broadway to I-70 [ID: 1663]	2,4	\$2,600,000
19 Perche Crk Trail Ph 2: Gillespie to Broadway [ID: 1285]	4	\$2,800,000
20 Trail restroom: Location TBD [ID: 1648]	TBD	\$100,000
Public Safety - Police Total Current Funding Request = \$7,000,000		
1 Police Headquarters Building [ID: 1192]	1	\$7,000,000
Public Safety - Fire Total Current Funding Request = \$15,103,000		
1 Remodel Admin. & Meeting/Conf. Room [ID: 1795]	1	\$1,500,000
2 Replace 1996 Bomb Squad [ID: 1405]		\$800,000
3 Replace 1999 Foam Truck [ID: 1401]		\$600,000
4 Replace 2006 Quint (15 years old) [ID: 1408]		\$1,150,000
5 Replace 2009 Quint (11 years old) [ID: 1406]		\$1,200,000

6-10 Year Projects



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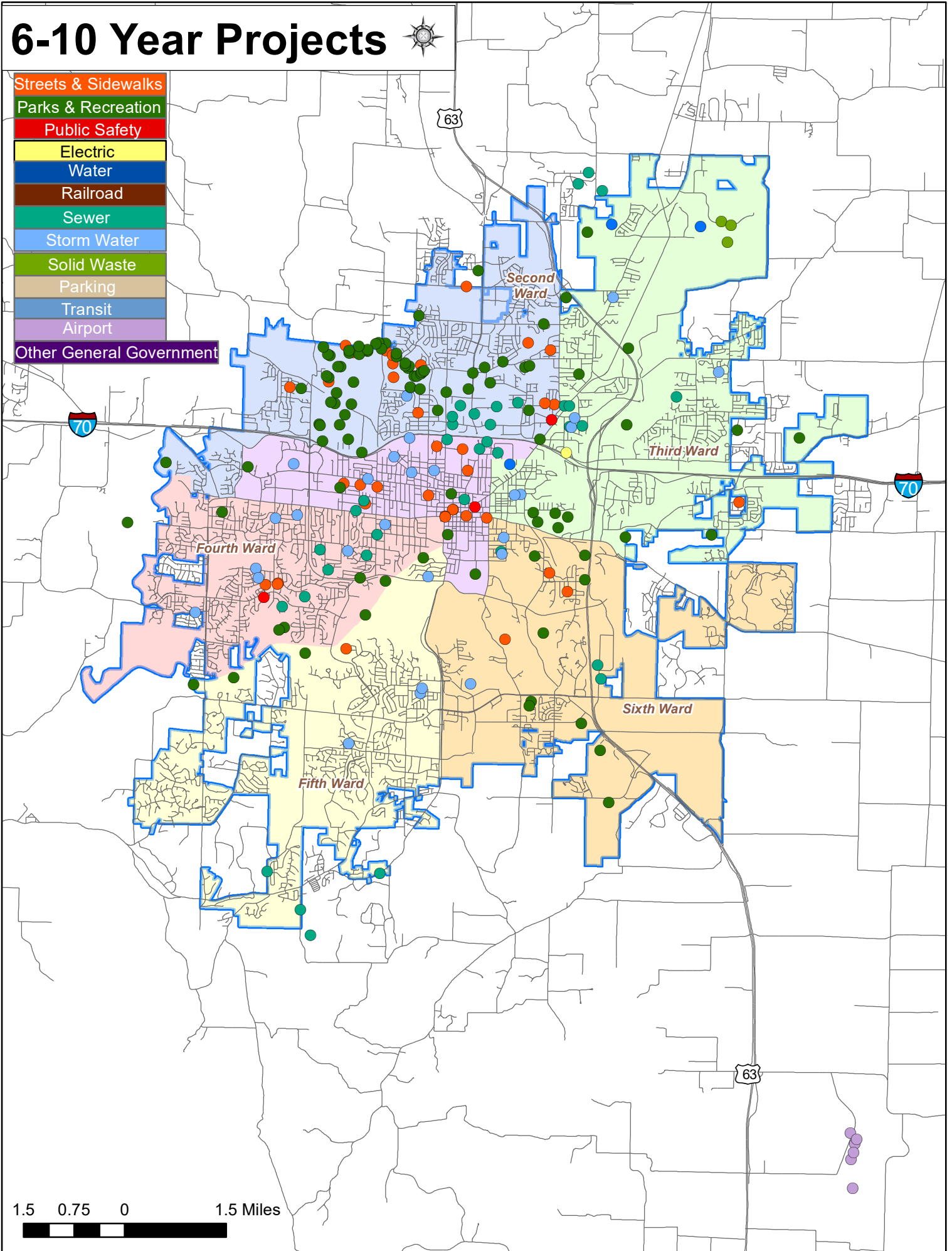
FY 2017 Overall Summary: 6-10 Years Projects

Project Name	Ward	Current Funding Request
Public Safety - Fire Total Current Funding Request = \$15,103,000		
6 Replace 2009 Quint (14 years old) [ID: 1410]		\$1,200,000
7 Replace 2009 Quint (15 years old) [ID: 1404]		\$1,250,000
8 Replace 2009 Squad (15 years old) [ID: 1414]		\$750,000
9 Replace 2010 Quint [ID: 1801]		\$1,153,000
10 Replace/Remodel Fire Station 4 [ID: 1403]		\$2,500,000
11 Replace/Remodel Fire Station 6 [ID: 1409]	4	\$3,000,000
Other General Government Total Current Funding Request = \$4,740,000		
1 Addl Salt Storage Bldg (Mun Serv Center S) - 00632 [ID: 1831]		\$2,740,000
2 Garage and fueling station (Mun Serv Center S) [ID: 1832]		\$2,000,000
Electric Total Current Funding Request = \$1,500,000		
1 Business Loop 70 - Phase 6 Undergrounding - E0141 [ID: 690]	1 & 3	\$1,500,000
Water Total Current Funding Request = \$2,393,000		
1 Construct Warehouse & Enclosed Parking - W0263 [ID: 1695]	3	
2 Waco Rd - Brown Station to Oakland - W0251 [ID: 1502]	3	\$1,292,000
3 Waco Rd - Route B to Rogers - W0252 [ID: 1503]	3	\$1,101,000
Sewer Total Current Funding Request = \$17,427,129		
1 B-8 Relief Sewer - Rangeline & Vandiver [ID: 794]	1, 2 & 3	\$2,250,000
2 B-9 Relief Sewer - Garth & Vandiver [ID: 795]	2	\$750,000
3 Calvert Drive Sewer Relocation - SW252 [ID: 1698]	3	
4 Haystack Acres Pump Station Interceptor SW230 [ID: 1304]	Outside City	\$700,000
5 Little Bonne Femme Regional Pump Station [ID: 729]	Not in City	\$10,000,000
6 Lower Southwest Outfall Relief Sewer - SW261 [ID: 798]	4	\$809,320
7 PCCE #17 - Wilson Street / Ross Street SW226 [ID: 1341]	6	\$225,397
8 PCCE #38 - North Eighth Street [ID: 1903]	1	\$165,000
9 PCCE #40 - Sunset Dr, Prospect St, Crestland Ave [ID: 1902]	4	\$510,000
10 PCCE #41 - W Stewart Road & West Blvd [ID: 1901]	4	\$190,691
11 Sewer District #171 - Crites Lane - SW263 [ID: 1361]	3	\$72,438
12 Sewer District - Hillcreek Road [ID: 1370]	5	\$511,163
13 Southwest Trunk #2 Relief Sewer [ID: 799]	4	\$809,650
14 Upper Southwest Outfall Relief [ID: 800]	1	\$317,900
15 Woodstock MHP WWTP Interceptor [ID: 1526]	6	\$115,570
Storm Water Total Current Funding Request = \$12,504,355		
1 Braemore Drainage [ID: 817]	4	\$300,000
2 Bray/Longwell Drainage [ID: 818]	4	\$250,000
3 Calvert Drive - SS117 [ID: 1612]	3	\$700,000
4 English/Subella/Jake Drainage [ID: 829]	4	\$180,000
5 Flat Branch System Inventory Model [ID: 1609]	1	\$400,000
6 Gillespie Bridge Road [ID: 1628]	5	\$600,000
7 Grasslands-Brandon Drainage [ID: 830]	4	\$1,100,000
8 Greenwood Stewart Phase 2 SS093 [ID: 1615]	4	\$1,600,000
9 Hinkson Avenue [ID: 1206]	3	\$300,000
10 Kelly Detention Retrofit - SS108 [ID: 1420]	6	\$254,755
11 Lakshire Estates Lake Modification [ID: 1622]	3	\$150,000
12 Leawood Subdivision [ID: 1627]	4	\$1,775,000
13 Mary Jane Jamesdale [ID: 1619]	3	\$150,000
14 Mill Creek Detention Retrofits [ID: 1625]	5	\$300,000
15 Mill Creek Phase 3 - SS111 [ID: 1620]	5	\$210,000
16 Parkade Blvd and Plaza [ID: 1630]	1	\$350,000

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FY 2017 Overall Summary: 6-10 Years Projects

Project Name	Ward	Current Funding Request
Storm Water Total Current Funding Request = \$12,504,355		
17 Proctor Drive [ID: 871]	2	\$300,000
18 Rollins/Cowan/Ridge Drainage [ID: 872]	4	\$170,000
19 Royal Lytham - Fallwood - SS090 [ID: 815]	5	\$400,000
20 Sexton Road at Jackson [ID: 824]	1	\$345,000
21 Sexton/McBaine Drainage [ID: 825]	1	\$280,000
22 Stormwater Master Plan [ID: 1039]	NA	\$477,600
23 Vandiver/Sylvan Storm Drainage [ID: 826]	3	\$1,100,000
24 West Worley Storm System Replacement - SS119 [ID: 1882]	1	\$207,000
25 Wilson Ross - SS112 [ID: 1608]	6	\$155,000
26 Worley Again East Phase I [ID: 1629]	1	\$450,000
Solid Waste Total Current Funding Request = \$6,750,000		
1 Disposal Cell #7 [ID: 1944]	3	\$4,000,000
2 Household Hazardous Waste Building [ID: 882]	3	\$350,000
3 Material Recovery Facility Expansion Phase 2 [ID: 1551]	3	\$2,400,000
Airport Total Current Funding Request = \$43,824,364		
1 Apron Rehab: Area 2, South Apron & North area 1 [ID: 1723]	Airport	\$1,189,699
2 Apron Rehab: Area 3, Between TW A2 & A3 [ID: 1724]	Airport	\$3,061,206
3 Apron Rehabilitation: Area 1, South Apron [ID: 1722]	Airport	\$3,066,078
4 ARFF Relocation/Expansion - 90% eligible (FAA) [ID: 933]	Airport	\$1,079,574
5 Master Plan Update [ID: 1936]		\$315,000
6 New Airport Terminal AP111 [ID: 1557]	Airport	\$28,710,000
7 Runway 2-20 Intrscntns Reconst 90%FAA AP107 [ID: 960]	Airport	\$6,402,807
356 Projects		\$425,782,106

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Streets and Sidewalks Capital Projects

Planning

Long term capital planning for Transportation needs takes place for three categories of capital projects: streets, sidewalks and major maintenance. City staff, primarily in the Public Works and Community Development Departments, work with a number of committees to develop comprehensive plans for the City's long-term capital transportation plan. In addition, staff has identified "annual needs" to provide funding for projects that are desirable or necessary to complete because they meet needs identified in a master plan, but the specific project may not be identified at this point in time.

The long term capital plan for streets is determined through the CATSO Major Roadway Plan and the 2040 Long Range Transportation Plan. This plan is used to identify the major roadway classifications in the Columbia metro area. Recommended changes to the plan go through a Policy committee, Technical committee and a public hearing process before being approved. Individual projects are identified from anticipated development patterns, current development and annexations. Smaller street projects are identified from problems with street flooding, utility upgrades, and bringing older streets up to today's standards.

These projects start with an Interested Parties meeting that include adjacent property owners, businesses, home owners associations and the like; followed by a Public Hearing before the City Council about the details of the project; an ordinance to acquire easements; and a bid call ordinance.

The long term capital plan for sidewalks are determined by the 2040 Long Range Transportation Plan, Sidewalk Master Plan, Bicycle Master Plan and the report on Walkable Columbia. Individual projects are identified from discussions with the Bicycle/Pedestrian Commission, neighborhoods, homeowners association, citizens, and by the City Council. The public involvement process follows the same process as mentioned in the street portion above.

Funding

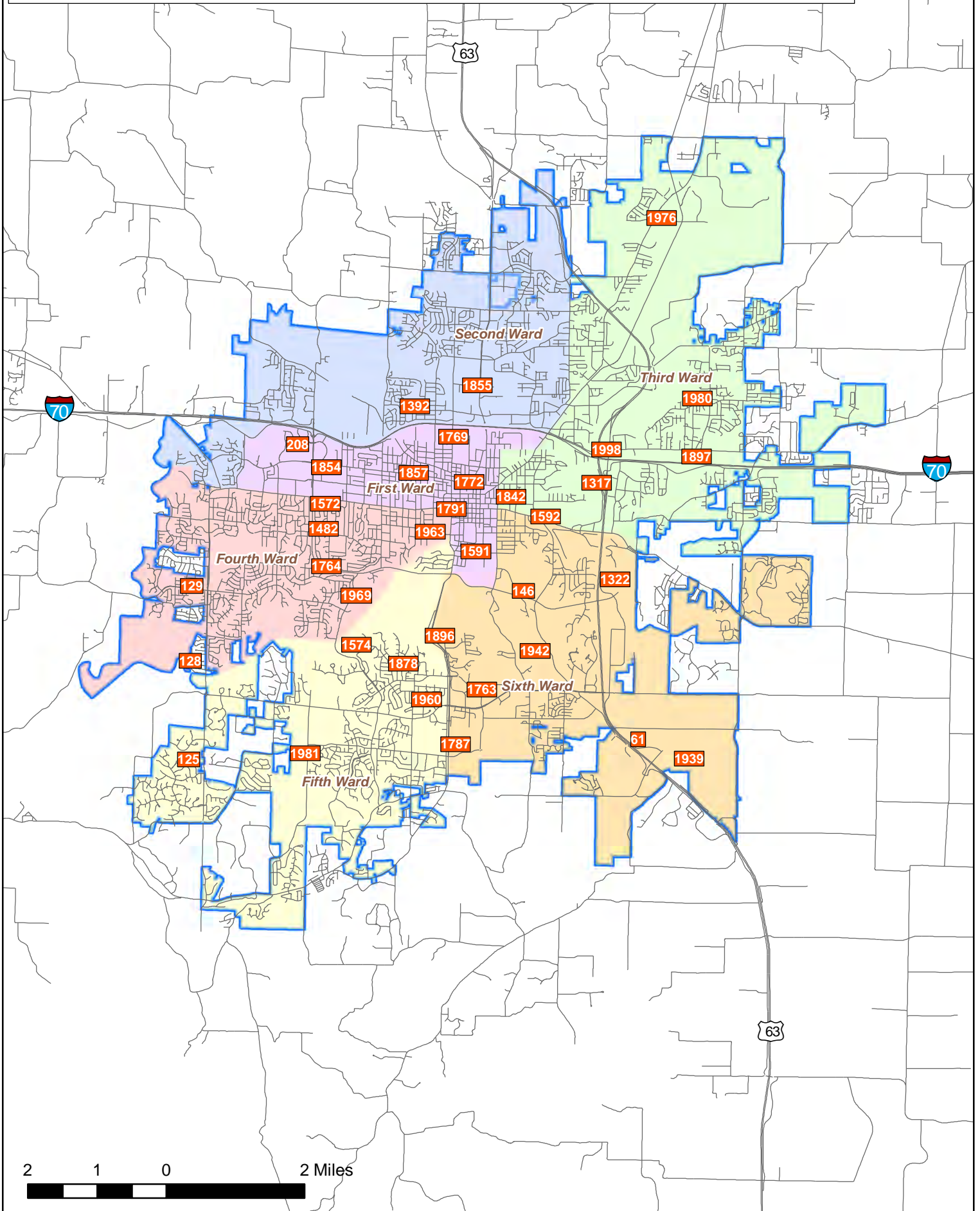
The city utilizes a variety of funding sources to meet its capital improvement needs for transportation. They include Transportation Sales Tax, County Road Rebate Tax, ¼ cent capital improvement sales tax, development charges, developer contributions, tax bills and various federal and state grants.

Sales taxes, in the form of the transportation sales tax and ¼ cent capital improvement sales tax, make up a substantial amount of funding for the transportation capital plan. The transportation sales tax is a ½ cent permanent sales tax used for street construction and maintenance needs as well as subsidies and capital needs for the airport and bus system. The one quarter cent capital improvement sales tax is a temporary tax which is used to fund both streets, sidewalks and public safety needs. A list of projects is presented to voters for their approval of the extension of the tax. In August, 2015 voters approved the extension of the sales tax which will expire in December, 2025.

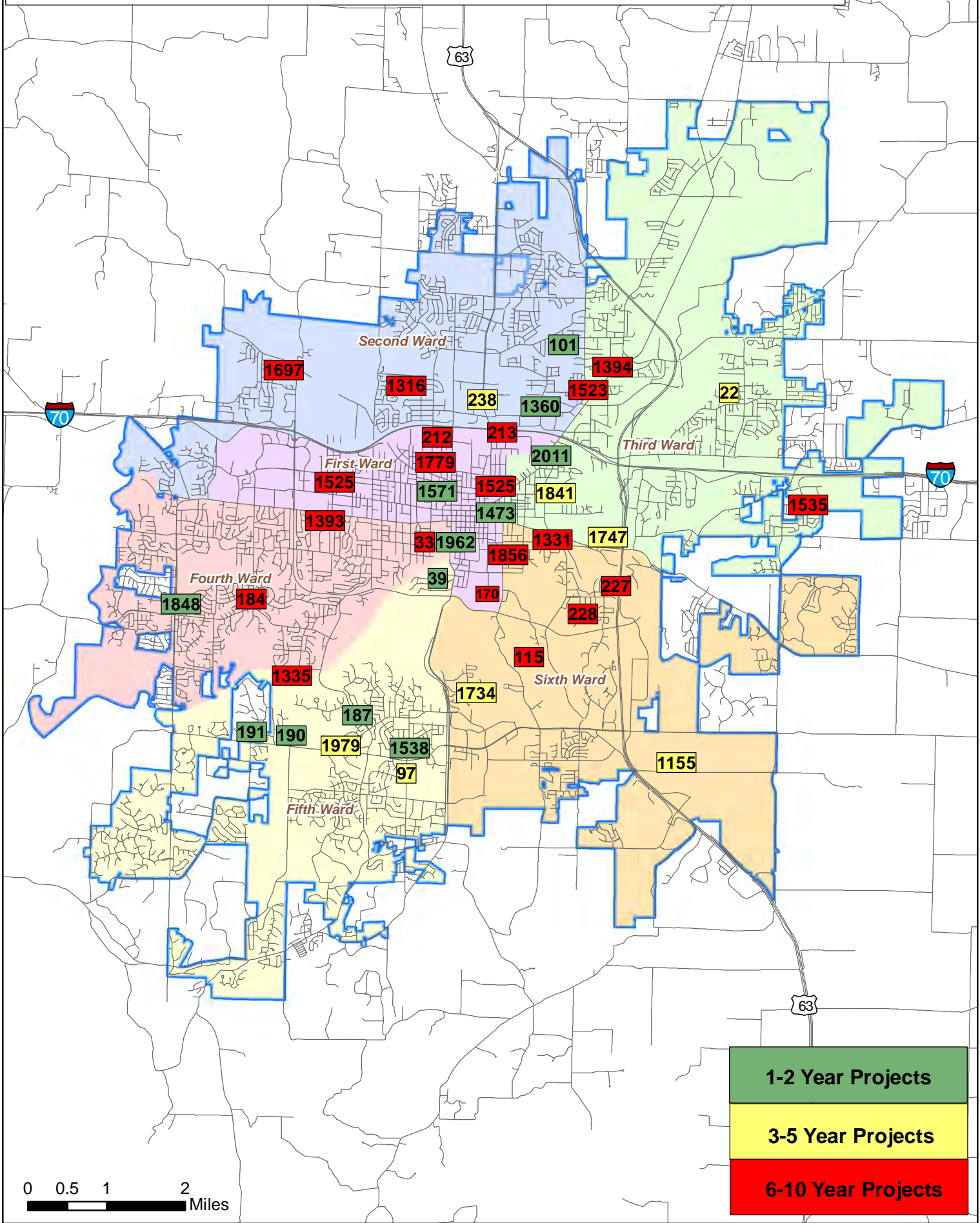
GetAbout Columbia: In 2006, Columbia, Missouri was selected as one of four communities in the nation to participate in the Federal Highway Administration's Non-Motorized Transportation Pilot program. Columbia's designation as a pilot city came with \$22.4 million in federal funds to help build infrastructure and establish national standards for public awareness and willingness to use active modes of transportation. Facilities constructed include sidewalks, bicycle lanes and routes, intersection improvements, and multi-use paths and trails, that provide connectivity with transit stations, schools, residences, businesses, recreation areas, and other community activity centers.

In 2012, the Federal Highway Administration extended the highway bill to include an additional \$5.9 million to each of the four pilot communities. These funds will be used for additional projects as well as for new initiatives to increase bicycle parking and improve signage on trails.

Street & Sidewalks Current Projects



Street & Sidewalks Overall Projects



0 0.5 1 2 Miles

Public Works Streets and Sidewalks CIP Projects

Project Name	Status	Ward	Begin Construction	Total Appropriated	Funding Still Needed	Unfunded/Future Ballot Amount
Annual						
Streets						
1 Annual City/County/State Projects - 40161 [ID: 9]	On-going	Citywide		\$2,406,365		
2 Annual Historic Brick Street Renovation 00234 [ID: 12]	On-going	Citywide		\$266,390		
3 Annual Neighbhd Curb & Gutter Restoration 00235 [ID: 14]	On-going	Citywide		\$100,000		
4 Annual Street Reconst (Complete Street) - 00647 [ID: 1899]	On-going			\$240,000		
5 Annual Streets - 40158 [ID: 18]	On-going	Citywide		\$149,143		
6 Annual Traffic Calming - 00646 [ID: 1966]	On-going		2016	\$128,000		
7 Annual Traffic Safety (Calming,Ped, Bike) - 40159 [ID: 15]	On-going	Citywide		\$408,451		
8 Street Landscaping - 40163 [ID: 13]	On-going	Citywide		\$340,276		
Sidewalks						
9 Annual ADA Curb Ramp Installations 00600 [ID: 1877]	On-going	City Wide		\$375,000		
10 Annual Sidewalk Major Maintenance 00148 [ID: 16]	On-going	Citywide		\$392,500		
11 Annual Sidwks/Pedways (New const/re-const - 40162 [ID: 17]	On-going	Citywide		\$227,368		
12 Downtown Sidewalk Improvements 00171 [ID: 10]	On-going	Citywide		\$267,283		
12 Projects				\$5,300,776	\$0	\$0

Project Name	Status	Ward	Begin Construction	Total Project Cost	Funding Still Needed	Unfunded/Future Ballot Amount
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Current						
Streets						
1 Broadway Pavement Improvement Project 00578 [ID: 1772]	Bid	1	2016	\$678,639		
2 College Avenue Crosswalks & Barrier-00536 [ID: 1591]	In Service	1 & 6	2015	\$961,480		
3 Discovery Drive South 00612 [ID: 1939]	Construction	6	2016	\$770,000		
4 Gans Rd:Interchange at 63 00237 [ID: 61]	In Service	6	2008	\$3,489,047		
5 GNM:Bike Blvd upgrd-Wabash to Hominy Trail-00546 [ID: 1592]	Ready to Close	1	2014	\$295,000		
6 Heritage Meadows Traffic Calming 00656 [ID: 1981]	Proposed	5	2016	\$12,000		
7 I-70 Dr & Keene Roundabout 00658 [ID: 1998]	Proposed		2016	\$50,000		
8 Rice Road Traffic Calming 00655 [ID: 1980]	Proposed	3	2016	\$64,000		
9 Ridgmont Bridge Repair 00568 [ID: 1764]	Construction	4	2016	\$81,500		
10 Rock Quarry Rd Corridor 00617 [ID: 1942]	Preliminary Design	6	2015	\$10,000		
11 Rustic Road 00531 [ID: 1322]	Ready to Close	6	2014	\$100,000		
12 Scott Blvd (TT)- Brookview Ter-Rollins - 00149 [ID: 129]	In Service	4 & 5	2009	\$15,177,704		
13 Scott Blvd Ph 2: Vawter - Brookview - 00319 [ID: 128]	Ready to Close	5	2013	\$6,244,729		
14 Scott Blvd Phase 3: Vawter-KK - 00274 [ID: 125]	Construction	5	2016	\$12,235,178		
15 Signal Improv@Green Meadows Grindstone Shop 00552 [ID: 1763]	Final Design	6	2016	\$80,000		
16 Stadium at Old 63 Intersection - 00213 [ID: 146]	Bid	6	2016	\$1,479,095		
17 Stadium TDD:740 Corridor Mall-Brdwy to I70 00317 [ID: 208]	In Service	1	2013	\$4,741,411		
18 Urban Forestry Master Plan 00677 [ID: 2004]	Proposed		2016	\$80,000		
19 Waco Rd-Rt B Intersection Improv 00650 [ID: 1976]	Preliminary Design	3	2016	\$200,000	\$180,000	
20 Worley St and Clinkscales Rd Int Imprvmnts 00601 [ID: 1854]	In Service	1	2016	\$187,960		
Sidewalks						
21 Audible Pedestrian Signals 00551 [ID: 1769]	Construction	Various	2016	\$40,000		
22 Avenue of the Columns (AOC) Phase 2 00126 [ID: 1791]	Construction	1	2016	\$2,767,353		
23 College Ave and Broadway Ped Signals 00581 [ID: 1842]	Ready to Close	1, 3, 6	2015	\$90,000		
24 Elleta Blvd Sidewalk 00604 [ID: 1855]	Ready to Close	2	2016	\$55,600		
25 Garth Avenue Sidewalk: Leslie to Parkade 00495 [ID: 1392]	Ready to Close	2	2014	\$294,880		
26 GNM: Forum Ped Bridge at Hinkson Creek 00527 [ID: 1574]	In Service	5	2016	\$1,873,499		
27 GNM: Manor Drive Sidewalk 00526 [ID: 1572]	In Service	4	2016	\$438,600		
28 GNM: Sidewalk Segments 00453 [ID: 1482]	In Service	4	2015	\$216		

Public Works Streets and Sidewalks CIP Projects

Project Name	Status	Ward	Begin Construction	Total Project Cost	Funding Still Needed	Unfunded/Future Ballot Amount
Current						
Sidewalks						
29 Green Meadows Cr Sidewalk 00611 [ID: 1878]	Ready to Close	5	2016	\$101,625		
30 Greenbriar Trail Repairs 00583 [ID: 1896]	In Service		2015	\$65,676		
31 Hominy Trail Phase II 00586 [ID: 1897]	Construction		2016	\$52,690		
32 N Garth (Sexton to Worley) 00602 [ID: 1857]	Ready to Close	1	2016	\$164,913		
33 Non-motorized Funding Grant 00271 [ID: 99]	Preliminary Design	Citywide	2007	\$2,665,578		
34 Old Fire Station #7 Sidewalk 00621 [ID: 1960]	Ready to Close	5	2015	\$40,000		
35 Prov Rd SW Blue Ridge TDD - 00485 [ID: 1761]	In Service			\$7,318		
36 Providence Road Sidewalk 00639 [ID: 1963]	Ready to Close	1	2016	\$108,000		
37 Worley/Clinkscales Int Improv 00636 [ID: 1969]	Ready to Close		2016	\$20,000		
Major Maintenance						
38 Bridge Assessments 00648 [ID: 1967]	Proposed	Citywide	2016	\$30,000		
39 MM-Keene Street: Broadway to I-70 Drive 00573 [ID: 1317]	Construction	3	2015	\$585,465		
40 MM-Southampton Dr-Providence, east 1500 ft. 00608 [ID: 1787]	Bid	6	2016	\$435,000		
40 Projects				\$56,774,156	\$180,000	\$0

1-2 Years

Streets						
1 Burnham/Rollins/Prov Int 00290 [ID: 39]	Final Design	1& 5	2017	\$3,200,000		
2 Forum & Green Meadows Int Imprvmt - 00634 [ID: 187]	Preliminary Design	5	2017	\$745,000		
3 GNM: Bike Blvd: MKT north to Bus. Loop 70 00521 [ID: 1571]	Final Design	1, 4	2017	\$460,000		
4 Ninth & Elm Pedestrian Scramble - 00637 [ID: 1962]	Preliminary Design	1	2017	\$150,000		
5 Old Mill Creek/Vawter-Nifong Intrscn Impr - 00631 [ID: 191]	Preliminary Design	5	2018	\$750,000	\$675,000	
6 Short Street Garage Traffic Mitigation 00493 [ID: 1473]	In Service	1	2017	\$460,000		
7 Sinclair - Nifong Intrscn Imprvmnts - 00644 [ID: 190]	Preliminary Design	5	2018	\$2,390,000	\$1,825,000	
8 Transfer to GF for Street Maintenance [ID: 2013]	Proposed	City-wide	2017	\$351,000	\$351,000	
9 Vandiver & Parker Roundabout - 00645 [ID: 1360]	Preliminary Design	2	2018	\$450,000	\$382,500	
Sidewalks						
10 Chapel Hill Road Sidewalk at Scott Blvd [ID: 1848]	Proposed	4	2018	\$65,000	\$65,000	
11 Nifong-Bethel Sidewalk 00501 [ID: 1538]	Bid	5	2017	\$135,707		
12 Oakland Gravel Sidewalk - Blue Rdg to Edris 00660 [ID: 101]	Preliminary Design	2 & 3	2017	\$278,159	\$258,159	
Major Maintenance						
13 Paris Road Resurfacing [ID: 2011]	Proposed	3	2018			
13 Projects				\$9,434,866	\$3,556,659	\$0

3-5 Years

Streets						
1 Ballenger Ln - Ria to Mexico Gravel - 00642 [ID: 22]	Preliminary Design	3	2019	\$2,740,000	\$2,250,000	
2 Discovery Parkway: Gans to New Haven - 00633 [ID: 1155]	Final Design	6	2021	\$5,400,000	\$4,860,000	
3 Forum Blvd-Green Meadows to Nifong - 00653 [ID: 1979]	Proposed	5	2020	\$50,000		\$2,200,000
4 Keene St-St. Charles & Outer Rd Intersection Imp [ID: 1747]	Proposed	3	2021	\$600,000	\$600,000	\$600,000
5 Nifong -Providence to Forum 4 Lane - 00643 [ID: 97]	Preliminary Design	5	2020	\$12,300,000	\$9,130,000	
Sidewalks						
6 Carter Lane Sidewalk 00548 [ID: 1734]	Preliminary Design	6	2020	\$450,000	\$400,000	\$400,000

Public Works Streets and Sidewalks CIP Projects

Project Name	Status	Ward	Begin Construction	Total Project Cost	Funding Still Needed	Unfunded/Future Ballot Amount
3-5 Years						
Sidewalks						
7 Leslie Ln Sdwlk - N Garth Av to Newton Dr [ID: 238]	Proposed	2	2020	\$171,850	\$171,850	\$171,850
Major Maintenance						
8 MM - Walnut from College to Old 63 [ID: 1841]	Proposed	3	2021	\$500,000	\$500,000	
8 Projects				\$22,211,850	\$17,911,850	\$3,371,850
6-10 Years						
Streets						
1 Ash Street 4-Way Stop Removal [ID: 1525]	Proposed	1	2022	\$2,600,000	\$2,600,000	
2 Broadway & Dorsey St. pedestrian signal-00553 [ID: 1331]	Proposed	3 & 6	2022	\$228,000	\$198,000	\$198,000
3 Fairview & Chapel Hill Int Imprvmts 00618 [ID: 184]	Preliminary Design	5	2024	\$630,000	\$500,000	\$351,000
4 Forum Blvd: Chapel Hill to Woodrail (4 lane) [ID: 1335]	Proposed	4 & 5	2025	\$12,700,000	\$12,700,000	
5 Grace Ln. - Richland to Stadium Extension [ID: 1535]	Proposed	3	2022	\$3,200,000	\$3,200,000	\$3,200,000
6 Rock Quarry Rd-Grindstone Prkwy to Stadium 9400 ft [ID: 115]	Proposed	6	2026	\$1,000,000	\$1,000,000	\$1,000,000
7 Vandiver Drive & Paris Road 00522 [ID: 1523]	Preliminary Design	3	2022	\$100,000		
Sidewalks						
8 Audubon Dr Sdwlk-Shepard Blvd-N Azalea [ID: 228]	Proposed	6	2026	\$152,000	\$152,000	\$152,000
9 Broadway & 5th Sdwlk-Intrsectn Imprvmts [ID: 33]	Proposed	1	2026	\$375,000	\$375,000	\$375,000
10 Bus Loop 70 Sdwlk- Garth Av-Providence [ID: 212]	Proposed	1	2026	\$325,000	\$325,000	\$325,000
11 Bus Loop 70 Sdwlk-Providence to Rangeline - 00649 [ID: 213]	Proposed	1	2026	\$410,000	\$410,000	\$407,250
12 Locust Sidewalk (north side, 8th to 9th) [ID: 1856]	Proposed	1	2024	\$81,154	\$81,154	\$81,154
13 Oakland Grvl - Smiley-Blue Rdg 00330 [ID: 170]	Proposed	2 & 3	2022	\$494,065	\$488,500	\$488,500
14 Oakland Sidewalk: Vandiver north to exist sdwlk [ID: 1394]	Proposed	2 & 3	2024	\$300,000	\$300,000	\$300,000
15 Primrose Drive Sidewalk [ID: 1697]	Proposed	2	2026	\$615,000	\$615,000	\$615,000
16 Shepard Blvd Sdwlk - Old 63 to Danforth [ID: 227]	Proposed	6	2026	\$111,000	\$111,000	\$111,000
17 West Boulevard Sidewalk: Ash St. to Worley St. [ID: 1393]	Proposed	1	2026	\$900,000	\$900,000	\$900,000
Major Maintenance						
18 MM-Garth Avenue: BL 70 to Thurman [ID: 1316]	Proposed	1 & 2	2026	\$3,950,000	\$3,950,000	
19 MM-Rangeline - Rogers to Wilkes [ID: 1779]	Proposed	1	2024	\$250,000	\$250,000	
19 Projects				\$28,421,219	\$28,155,654	\$8,503,904
92 Total Projects				\$122,142,867	\$49,804,163	\$11,875,754

Burnham/Rollins/Prov Int 00290	Ward	Begin Design	Begin Construction	
	1 & 5	2014	2017	
	Description:		Eligible for Percent for Arts?	No
	Traffic Study and Improvements on Providence between Stadium and Turner. Includes removal of traffic signal at Providence/Rollins, and converting intersections of Providence/Burnham and Providence/Turner into signalized; and the addition of right turn lanes on Providence.		Current Funding Request:	\$0
			Total Appropriated:	\$3,200,000
			Total City Project Cost:	\$3,200,000
			Est. Project Balance: 09/30/2016	\$2,372,312

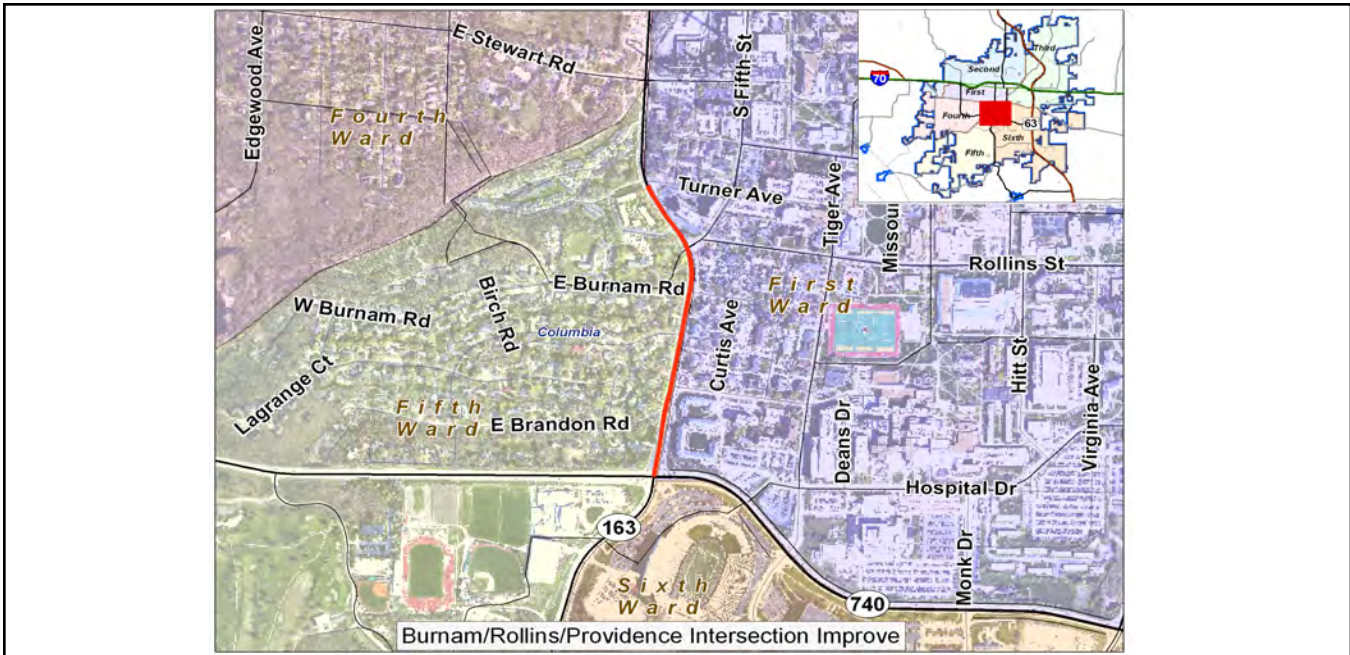
Current Status:
 10/13/16: Working on final design and easement acquisition.

Factors Effecting Timing/Completion of Project:
 Funding, safety for residents of Grasslands neighborhood.

Eligible Funding Sources:
 Capital Fund Balance, 1/4% Capital Improvement Sales Tax, STP

Master Plan:
 2025 Transportation Plan

FY	Eligible Funding Sources	Amount
2017	PYA - various	\$531,306
		\$531,306



Forum & Green Meadows Int Imprvmt - 00634 Description: 2015 Ballot Project--Improve the intersection with a roundabout.	Ward	Begin Design	Begin Construction
	5	2016	2017
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$0
	Total Appropriated:		\$745,000
	Total City Project Cost:		\$745,000
	Est. Project Balance: 09/30/2016		\$621,946

Current Status:
 10/13/16: Working on additional intersection improvement recommendations.

Factors Effecting Timing/Completion of Project:
 Weather and Funding

Eligible Funding Sources: 1/4 cent capital improvement sales tax Master Plan: none	FY	Eligible Funding Sources	Amount
	2017	Co Rd Tax Reb	\$500,000 \$500,000



GNM: Bike Blvd: MKT north to Bus. Loop 70 00521

Description:
Includes a bike boulevard from the MKT north to BL-70 and Parkade Plaza as well as a potential bike boulevard and/or bike lane connections east to connect to the Phase 1 bike boulevard.

Ward	Begin Design	Begin Construction
1, 4	2013	2017
Eligible for Percent for Arts?		No
Current Funding Request:		\$0
Total Appropriated:		\$460,000
Total City Project Cost:		\$460,000
Est. Project Balance: 09/30/2016		\$393,324

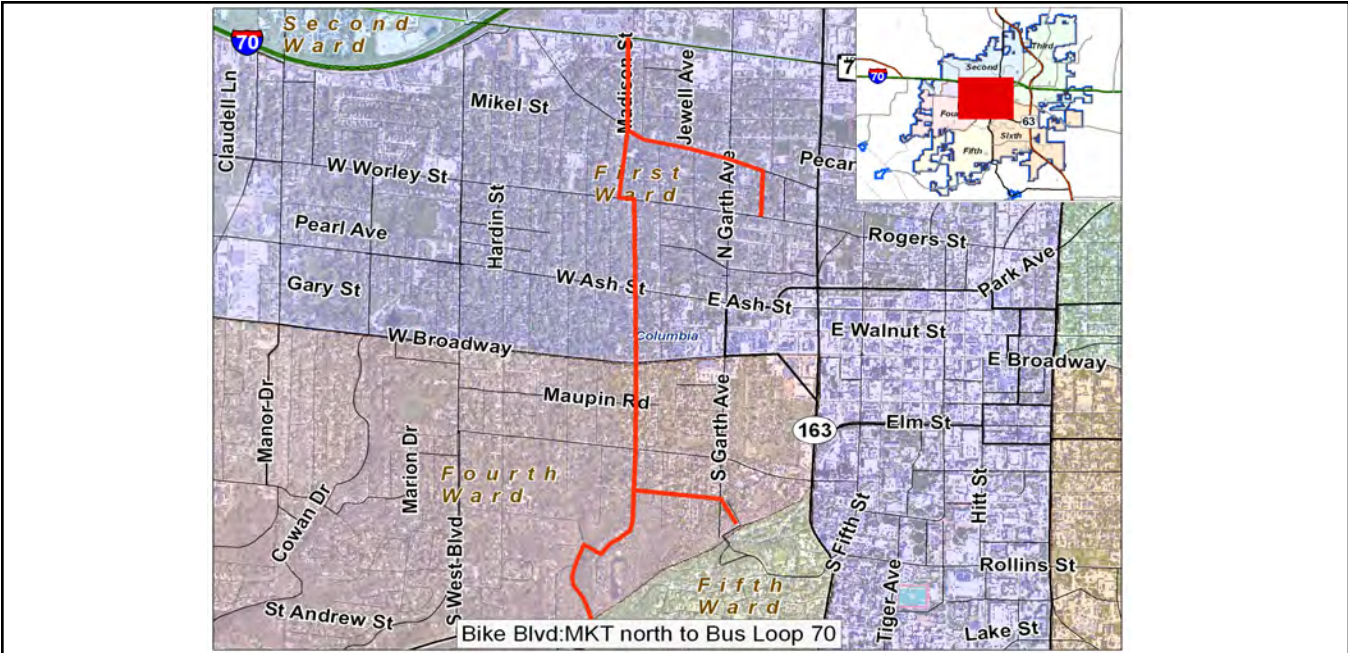
Current Status:
10/13/16: Submitted final PS&E to MoDOT for review.

Factors Effecting Timing/Completion of Project:
Weather

Eligible Funding Sources:
Non-motorized Grant

Master Plan:

FY	Eligible Funding Sources	Amount



Ninth & Elm Pedestrian Scramble - 00637

Description:
 Modifying pedestrian cross walk to accommodate a pedestrian scramble phasing. Installing new signal equipment. Intersection modification in conjunction with a storm water and sanitary sewer project.

Ward	Begin Design	Begin Construction
1	2015	2017
Eligible for Percent for Arts?		No
Current Funding Request:		\$0
Total Appropriated:		\$150,000
Total City Project Cost:		\$150,000
Est. Project Balance: 09/30/2016		\$107,124

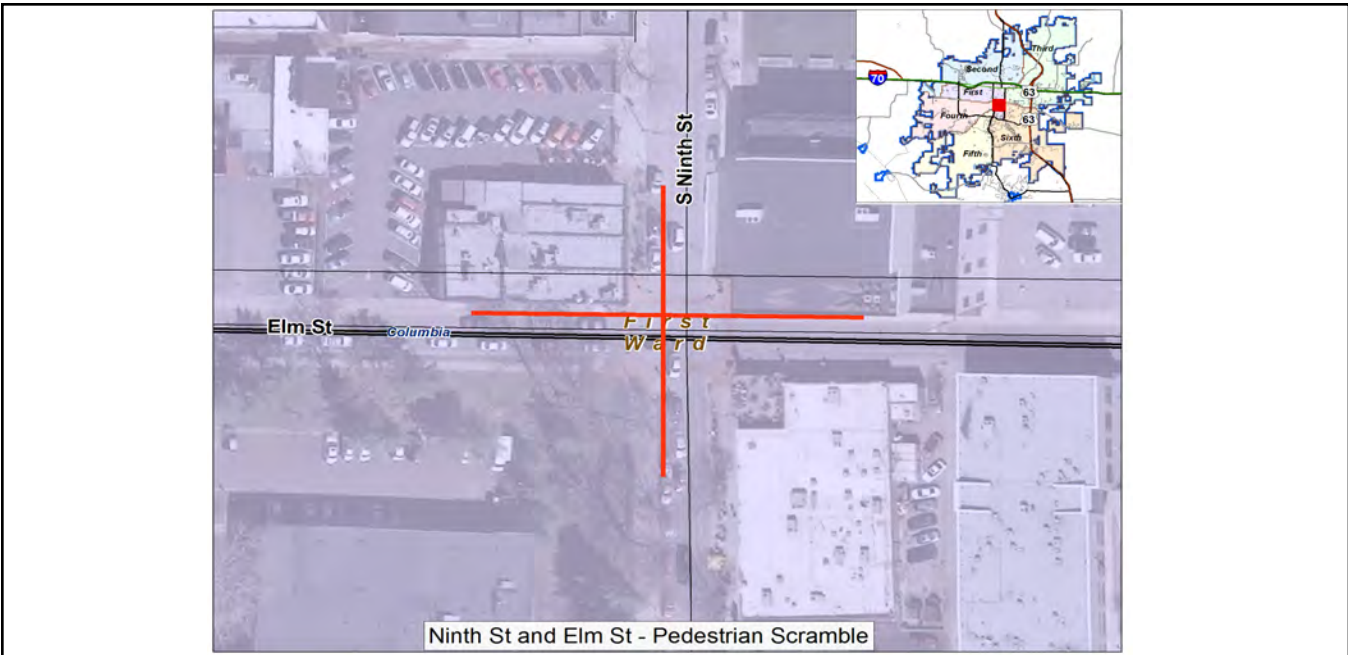
Current Status:
 09/29/16 Analyzing whether project to be bid as part of sewer and storm water project. Some issues with coordinating project with other projects, determining best cost alternatives. Design complete.

Factors Effecting Timing/Completion of Project:
 Sewer and Storm Water projects. Weather

Eligible Funding Sources:
 Annual Streets

Master Plan:

FY	Eligible Funding Sources	Amount



Old Mill Creek/Vawter-Nifong Intrscn Impr - 00631 Description: Intersection improvement	Ward	Begin Design	Begin Construction
	5	2016	2018
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$675,000
	Total Appropriated:		\$75,000
	Total City Project Cost:		\$750,000
	Est. Project Balance: 09/30/2016		\$75,000

Current Status:
 10/13/16: Survey complete. Working on concept plan.

Factors Effecting Timing/Completion of Project:
 Weather and Funding

Eligible Funding Sources: Capital Improvements Sales Tax, Development Fees Master Plan: none	FY	Eligible Funding Sources	Amount
	2017	Co Rd Tax Reb	\$75,000
	2018	Co Rd Tax Reb	\$675,000
			\$750,000



**Short Street Garage Traffic Mitigation
00493**

Description:
Install a left turn lane on the west leg of Walnut at College and new traffic signal equipment. Add a left turn pocket on Broadway at Short Street and at Waugh Street by removing diagonal parking on the south side of Broadway. Improvements to pedestrian crosswalk across Broadway at Waugh Street

Ward	Begin Design	Begin Construction
1	2012	2017
Eligible for Percent for Arts?		No
Current Funding Request:		\$0
Total Appropriated:		\$460,000
Total City Project Cost:		\$460,000
Est. Project Balance: 09/30/2016		\$185,746

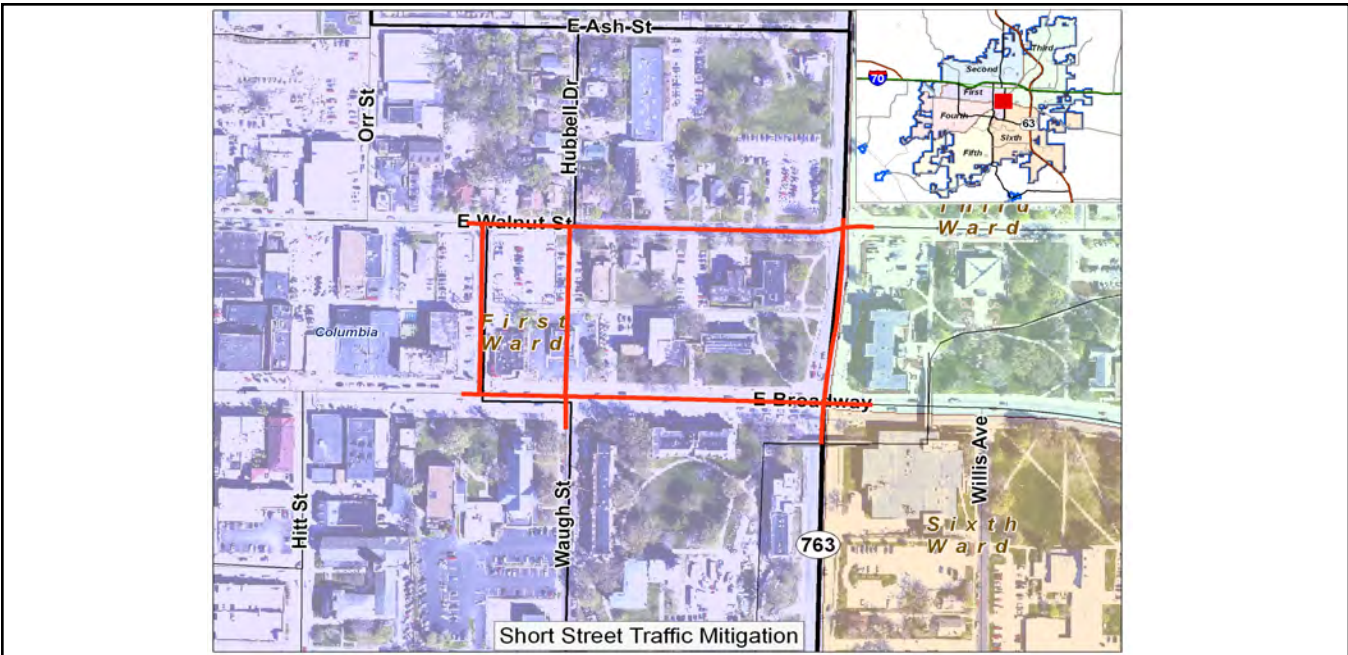
Current Status:
10/12/16: Project to remain open. Traffic mitigation at garage after selection of RFP source.

Factors Effecting Timing/Completion of Project:
Weather

Eligible Funding Sources:
Capital Fund Balance

Master Plan:

FY	Eligible Funding Sources	Amount

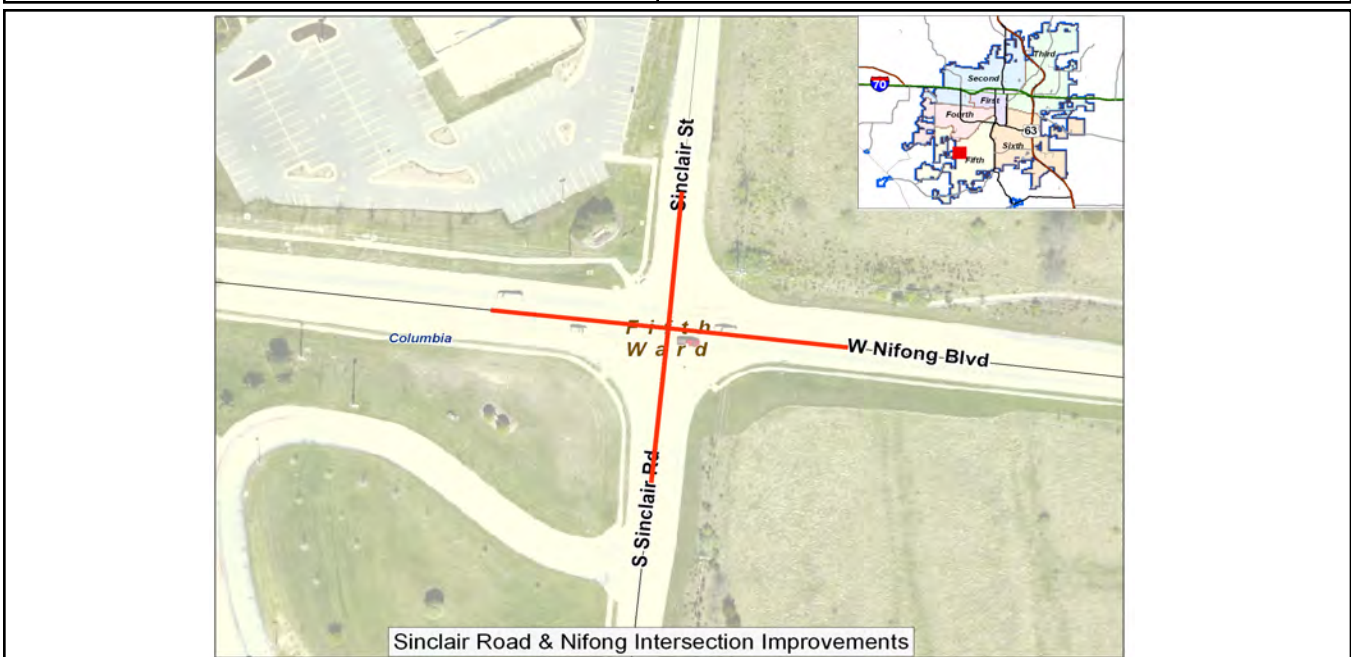


<p>Sinclair - Nifong Intrscn Imprvmnts - 00644</p> <p>Description: Intersection improvements to improve capacity and level of service and to reduce delay.</p>	Ward	Begin Design	Begin Construction
	5	2016	2018
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$1,825,000
	Total Appropriated:		\$565,000
	Total City Project Cost:		\$2,390,000
	Est. Project Balance: 09/30/2016		\$440,800

Current Status:
10/13/16: Survey complete. Working on concept plan.

Factors Effecting Timing/Completion of Project:
Funding: Traffic congestion and delay

<p>Eligible Funding Sources: Capital improvement sales tax, county road tax rebate</p> <p>Master Plan: none</p>	FY	Eligible Funding Sources	Amount
	2017	Co Rd Tax Reb	\$75,000
	2018	Co Rd Tax Reb	\$1,825,000
			\$1,900,000



Transfer to GF for Street Maintenance	Ward	Begin Design	Begin Construction
	City-wide	2017	2017
Description: Transfer to the General Fund (Street Maintenance operating budget) of County Road Tax rebate funds for one time expenses related to Street Maintenance.	Eligible for Percent for Arts?		No
	Current Funding Request:		\$351,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$351,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
 10-11-16: Transfer for street maintenance operating budget

Factors Effecting Timing/Completion of Project:
 None

Eligible Funding Sources: County Road Tax	FY	Eligible Funding Sources	Amount
	2017	Co Rd Tax Reb	\$351,000
			\$351,000
Master Plan: None			

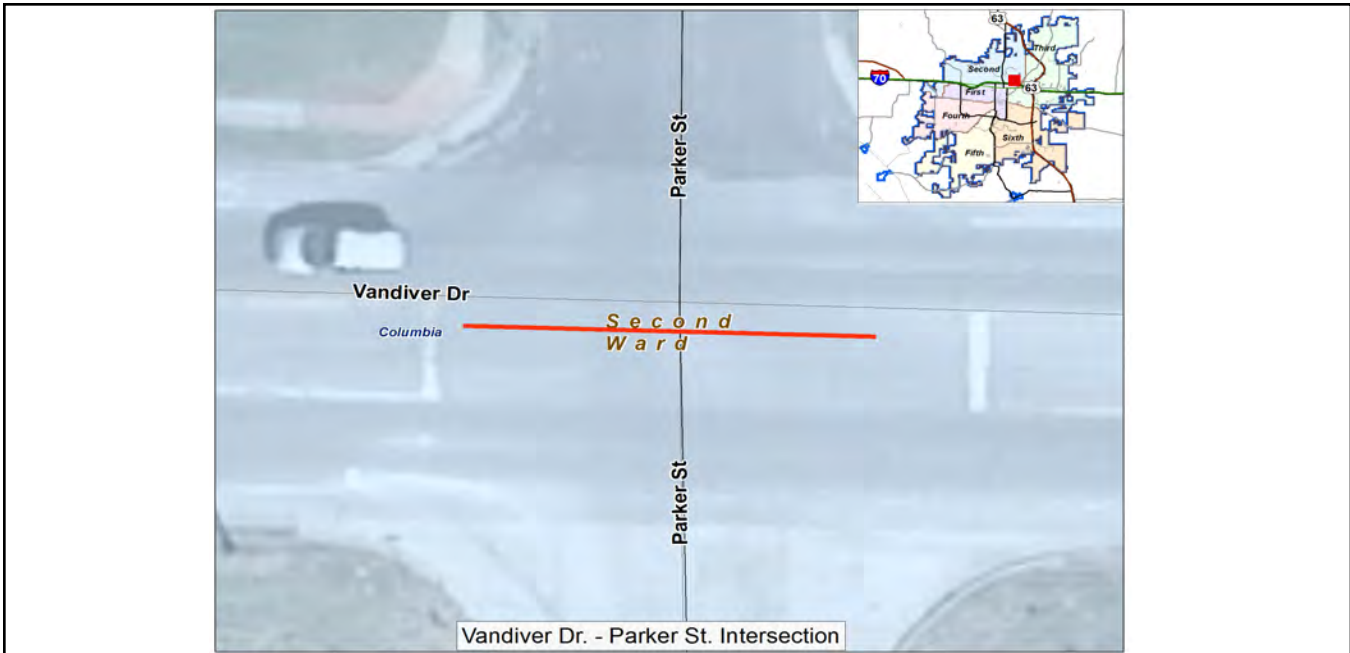
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Vandiver & Parker Roundabout - 00645	Ward	Begin Design	Begin Construction	
	2	2016	2018	
	Description:		Eligible for Percent for Arts?	No
	Install a roundabout at the intersection of Vandiver Drive and Parker Street		Current Funding Request:	\$382,500
			Total Appropriated:	\$67,500
			Total City Project Cost:	\$450,000
			Est. Project Balance: 09/30/2016	\$67,500

Current Status:
 10/13/16: Project on the list to be surveyed.

Factors Effecting Timing/Completion of Project:
 Funding

Eligible Funding Sources: Future Ballot Master Plan:	FY	Eligible Funding Sources	Amount
	2018	Co Rd Tax Reb	\$382,500
			\$382,500



Chapel Hill Road Sidewalk at Scott Blvd

Description:
 Construction of sidewalk on the North side of Chapel Hill Road beginning at the intersection of Scott Boulevard and continuing east approximately 500 lineal feet.

Ward	Begin Design	Begin Construction
4	2017	2018
Eligible for Percent for Arts?		No
Current Funding Request:		\$65,000
Total Appropriated:		\$0
Total City Project Cost:		\$65,000
Est. Project Balance: 09/30/2016		\$0

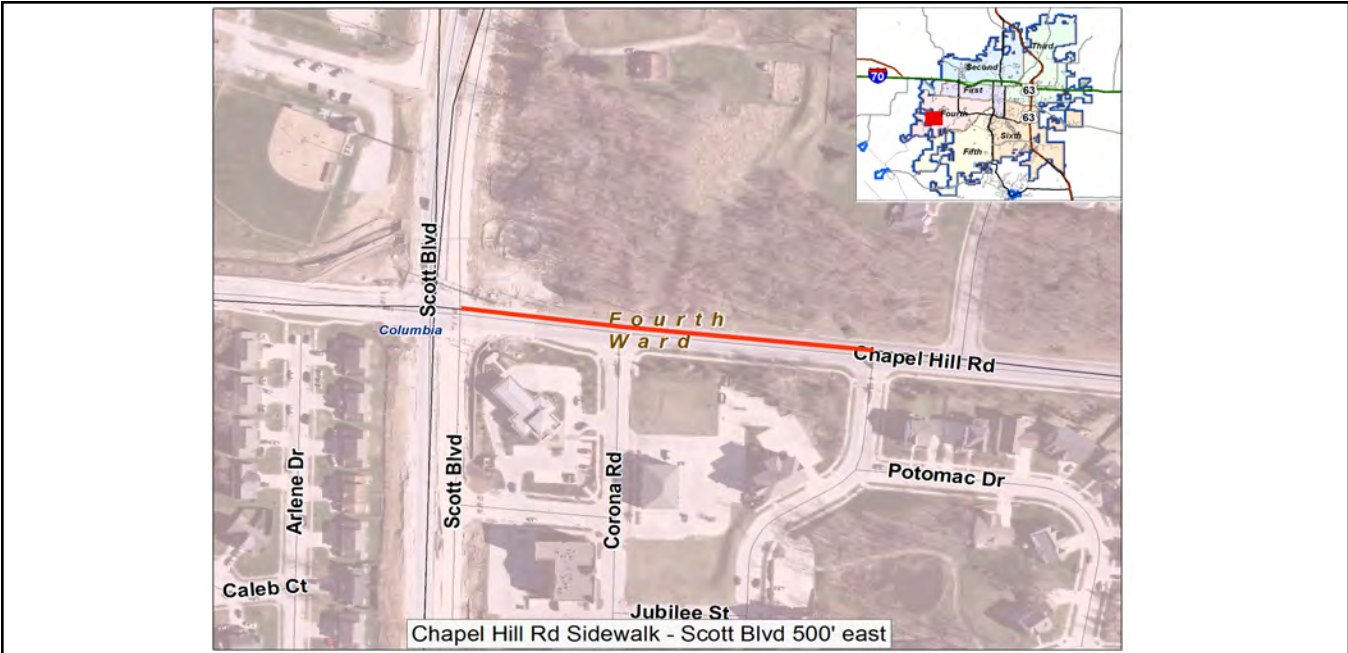
Current Status:
 10/12/16: In Design

Factors Effecting Timing/Completion of Project:

Eligible Funding Sources:
 Annual Sidewalks

Master Plan:

FY	Eligible Funding Sources	Amount



Nifong-Bethel Sidewalk 00501

Description:
 Sidewalk construction in coordination with development of tract at SE corner of Nifong - Bethel. By development agreement, city is responsible for cost of sidewalk construction along Nifong and also proposed local non residential streets.

Ward	Begin Design	Begin Construction
5	2015	2017
Eligible for Percent for Arts?		No
Current Funding Request:		\$0
Total Appropriated:		\$135,707
Total City Project Cost:		\$135,707
Est. Project Balance: 09/30/2016		\$92,781

Current Status:
 10/13/16: Design completed. Project to be bid this winter.

Factors Effecting Timing/Completion of Project:
 Development of tract.

Eligible Funding Sources:
 Capital Improvement Sales Tax

Master Plan:
 no

FY	Eligible Funding Sources	Amount

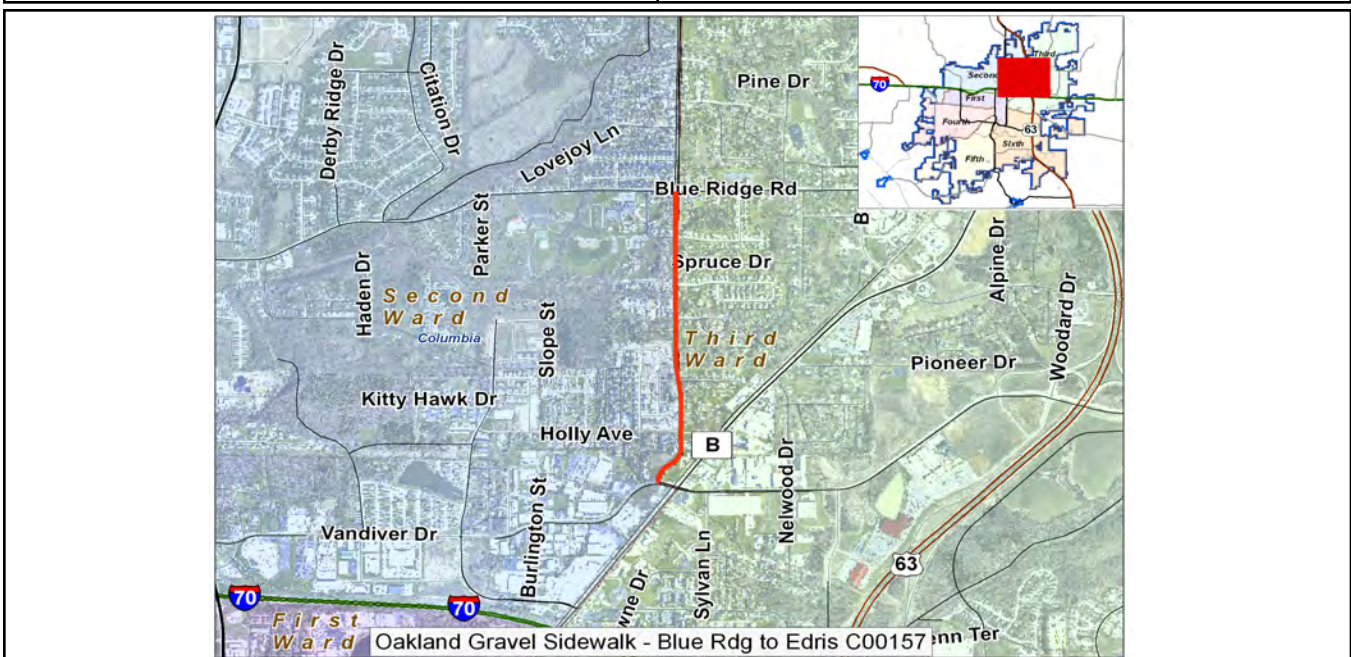


<p>Oakland Gravel Sidewalk - Blue Rdg to Edris 00660</p> <p>Description: Construction of sidewalk on west side of Oakland Road from Blue Ridge to the north Property line of Oakland Park (Edris Lane)</p>	<table border="1"> <thead> <tr> <th>Ward</th> <th>Begin Design</th> <th>Begin Construction</th> </tr> </thead> <tbody> <tr> <td>2 & 3</td> <td>2016</td> <td>2017</td> </tr> </tbody> </table>	Ward	Begin Design	Begin Construction	2 & 3	2016	2017
	Ward	Begin Design	Begin Construction				
	2 & 3	2016	2017				
	<p>Eligible for Percent for Arts? No</p>						
	<p>Current Funding Request: \$258,159</p>						
	<p>Total Appropriated: \$20,000</p>						
	<p>Total City Project Cost: \$278,159</p>						
<p>Est. Project Balance: 09/30/2016 \$20,000</p>							

Current Status:
10/13/16: Project on the list to be surveyed.

Factors Effecting Timing/Completion of Project:
Waiting for direction and funding

<p>Eligible Funding Sources: Prior Year Capital Improvement Sales Tax (Annual Sidewalk project)</p> <p>Master Plan: Sidewalk Master Plan</p>	<table border="1"> <thead> <tr> <th>FY</th> <th>Eligible Funding Sources</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>2017</td> <td>PYA Cap Imp S Tax</td> <td>\$258,159</td> </tr> <tr> <td></td> <td></td> <td>\$258,159</td> </tr> </tbody> </table>	FY	Eligible Funding Sources	Amount	2017	PYA Cap Imp S Tax	\$258,159			\$258,159
	FY	Eligible Funding Sources	Amount							
2017	PYA Cap Imp S Tax	\$258,159								
		\$258,159								



<p>Paris Road Resurfacing</p> <p>Description: Major maintenance base repairs and resurfacing of Paris Road from College Avenue to south of Business Loop 70. Sidewalk ramp replacement and curb repairs.</p>	<p>Ward</p> <p>3</p>	<p>Begin Design</p> <p>2018</p>	<p>Begin Construction</p> <p>2018</p>
	<p>Eligible for Percent for Arts?</p>		No
	<p>Current Funding Request:</p>		\$370,000
	<p>Total Appropriated:</p>		\$0
	<p>Total City Project Cost:</p>		\$370,000
	<p>Est. Project Balance: 09/30/2016</p>		\$0

Current Status:
Preliminary design - major maintenance. Needs funding. Possible cost savings to bid in conjunction with a MoDOT maintenance project along Route B (to be bid 2017).

Factors Effecting Timing/Completion of Project:
Funding and weather

<p>Eligible Funding Sources: Joint County/State/City Projects</p>	<p>FY</p> <p>2018</p>	<p>Eligible Funding Sources</p> <p>Unfunded</p>	<p>Amount</p> <p>\$370,000</p>
			\$370,000
<p>Master Plan: None</p>			



Ballenger Ln - Ria to Mexico Gravel - 00642

Description:

Construction of 1.2 miles of State Route PP to widen by 5' on each side of the road. The new cross-section would include a 6' striped bicycle shoulder on each side and narrow the vehicle lanes to 11' wide.

Ward	Begin Design	Begin Construction
3	2016	2019
Eligible for Percent for Arts?		No
Current Funding Request:		\$2,250,000
Total Appropriated:		\$490,000
Total City Project Cost:		\$2,740,000
Est. Project Balance: 09/30/2016		\$490,000

Current Status:

10/13/16: Project being surveyed.

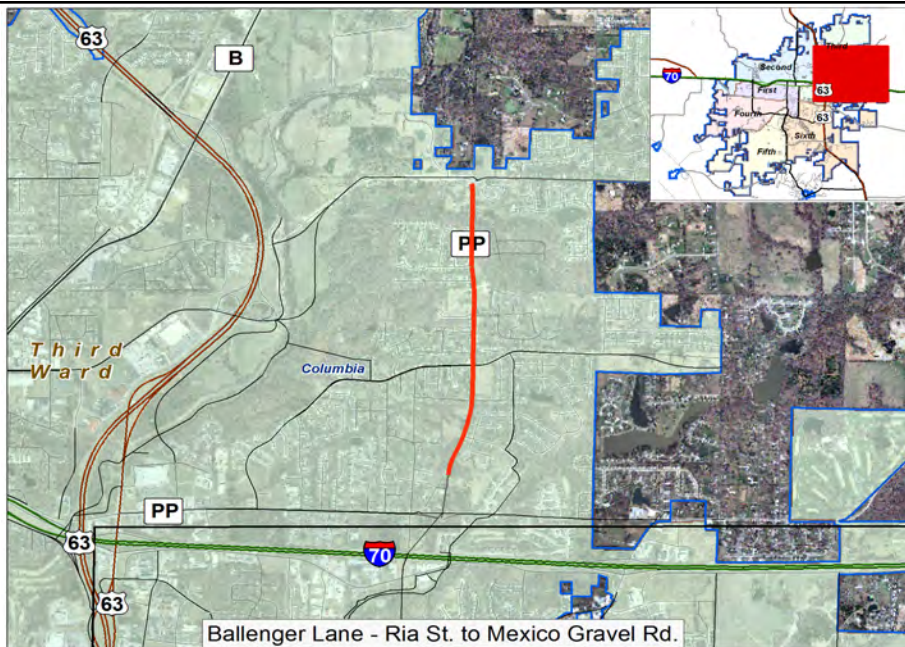
Factors Effecting Timing/Completion of Project:

Eligible Funding Sources:

Transportation Sales Tax; future ballot

Master Plan:
none

FY	Eligible Funding Sources	Amount
2019	Cap Imp S Tax - 2015 Ballot	\$450,000
2019	Co Rd Tax Reb	\$1,800,000
		<u>\$2,250,000</u>



Discovery Parkway: Gans to New Haven - 00633

Description:
Construction of Arterial roadway on new alignment from US 63 interchange at Gans Rd. northward to Rolling Hills/New Haven. Project length is 8500 LF.

Ward	Begin Design	Begin Construction
6	2016	2021
Eligible for Percent for Arts?		No
Current Funding Request:		\$4,860,000
Total Appropriated:		\$540,000
Total City Project Cost:		\$5,400,000
Est. Project Balance: 09/30/2016		\$540,000

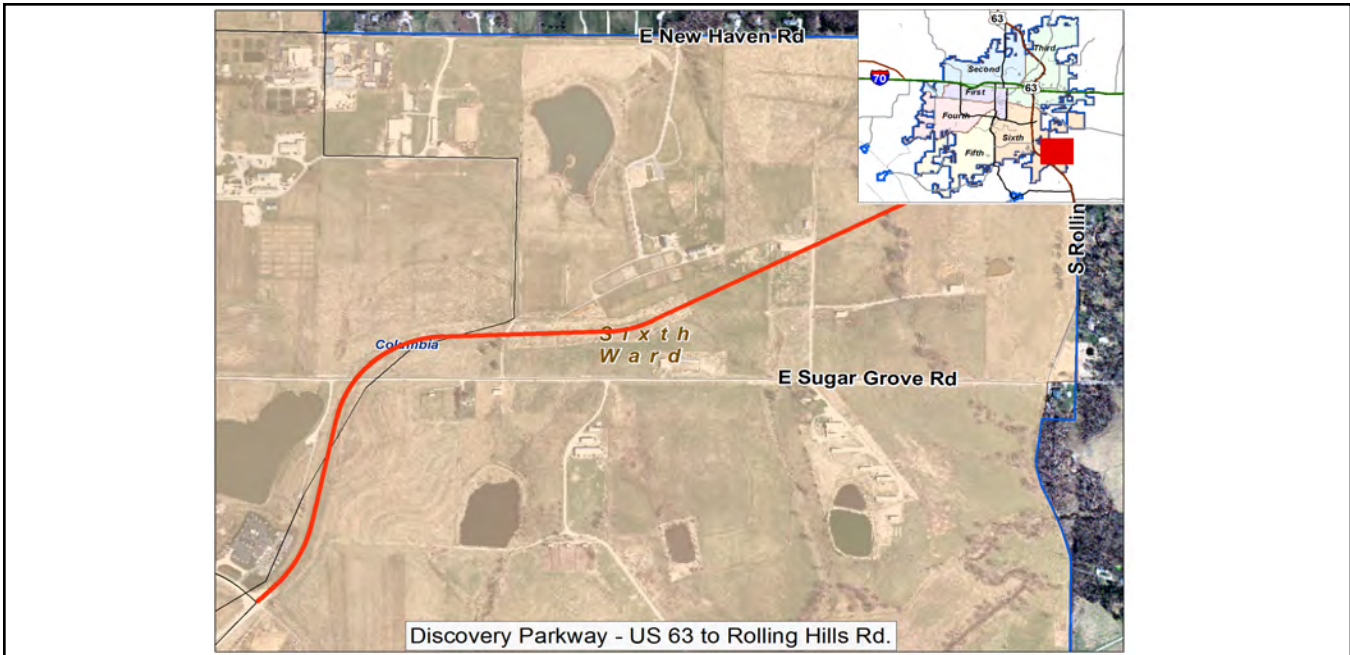
Current Status:
Future project.

Factors Effecting Timing/Completion of Project:
Right of Way from MU, Funding

Eligible Funding Sources:
Future ballot

Master Plan:
2025 Transportation Plan

FY	Eligible Funding Sources	Amount
2021	Cap Imp S Tax - 2015 Ballot	\$1,000,700
2021	Co Rd Tax Reb	\$2,444,300
2021	Development Fees	\$1,415,000
		<hr/>
		\$4,860,000



Forum Blvd-Green Meadows to Nifong - 00653 Description: Widen existing two-lane road to five lanes	Ward	Begin Design	Begin Construction
	5	2016	2020
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$0
	Total Appropriated:		\$50,000
	Total City Project Cost:		\$50,000
	Est. Project Balance: 09/30/2016		\$43,718

Current Status:
10/12/16: In Design

Factors Effecting Timing/Completion of Project:

Eligible Funding Sources: Joint City/County/State funds Master Plan: None	FY	Eligible Funding Sources	Amount
	2020	Unfunded	\$2,200,000
			\$2,200,000

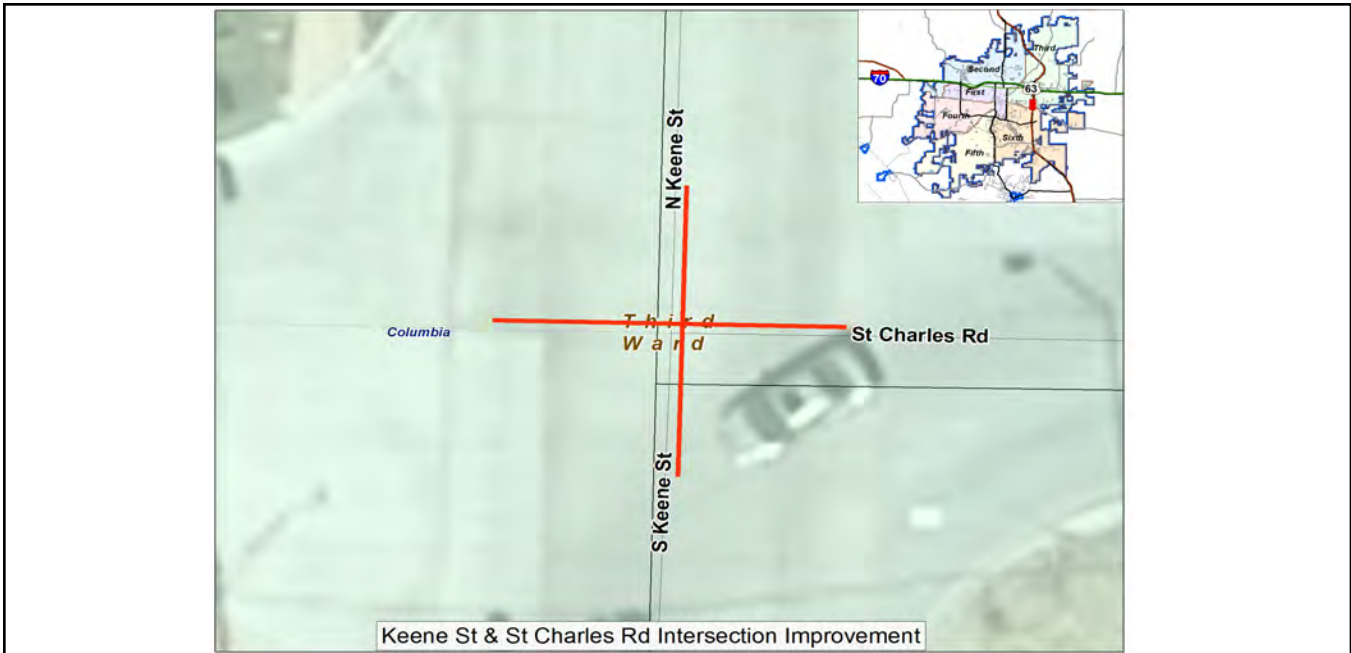


Keene St-St. Charles & Outer Rd Intersection Imp	Ward	Begin Design	Begin Construction
	3	2020	2021
Description: Addition of a northbound right turn lane on Keene Street at St. Charles Road intersection and pedestrian signals. Could also consider a roundabout at the north end of Keene Street at an estimated cost of approximately \$600,000.	Eligible for Percent for Arts?		No
	Current Funding Request:		\$600,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$600,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
 09-15-16 An IP meeting has been held for a roundabout concept at Keene & I70 Drive SE. Funding being sought through MoMoves initiative and other sources. Future project. Funding needed.

Factors Effecting Timing/Completion of Project:
 Funding, weather and easements

Eligible Funding Sources: Future Ballot	FY	Eligible Funding Sources	Amount
	2020	Unfunded	\$60,000
Master Plan:	2021	Unfunded	\$540,000
			\$600,000



<p>Nifong -Providence to Forum 4 Lane - 00643</p> <p>Description: Add additional lanes for approximately 5,400 LF of roadway. Many intersections, driveways, additional sidewalks etc.</p>	Ward	Begin Design	Begin Construction
	5	2016	2020
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$9,130,000
	Total Appropriated:		\$3,170,000
	Total City Project Cost:		\$12,300,000
	Est. Project Balance: 09/30/2016		\$3,168,685

Current Status:
10/13/16: Working on engineering design contract.

Factors Effecting Timing/Completion of Project:
Funding

<p>Eligible Funding Sources: Future ballot</p> <p>Master Plan: None</p>	FY	Eligible Funding Sources	Amount
	2017	Cap Imp S Tax - 2015 Ballot	\$156,500
	2020	Cap Imp S Tax - 2015 Ballot	\$4,319,800
	2017	Co Rd Tax Reb	\$116,500
	2020	Co Rd Tax Reb	\$1,422,200
	2017	Development Fees	\$1,197,000
	2020	Development Fees	\$3,388,000
			\$10,600,000



Carter Lane Sidewalk 00548

Description:

5' Sidewalk on east side of Carter Lane from Foxfire Drive to existing sidewalk north of Green Meadows Road. Include connection to northbound lane Providence Bus Stops.

Ward	Begin Design	Begin Construction
6	2016	2020
Eligible for Percent for Arts?		No
Current Funding Request:		\$400,000
Total Appropriated:		\$50,000
Total City Project Cost:		\$450,000
Est. Project Balance: 09/30/2016		\$33,456

Current Status:

Preliminary design on hold.

Factors Effecting Timing/Completion of Project:

Weather and Funding

Eligible Funding Sources:

PYA capital improvement sales tax

FY	Eligible Funding Sources	Amount
2020	Unfunded	\$400,000
		\$400,000

Master Plan:

Sidewalk Master Plan



Leslie Ln Sdwk - N Garth Av to Newton Dr Description: Construct a 5' wide sidewalk on Leslie Lane from North Garth Avenue to west of Newton Drive	Ward	Begin Design	Begin Construction
	2	2020	2020
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$171,850
	Total Appropriated:		\$0
	Total City Project Cost:		\$171,850
	Est. Project Balance: 09/30/2016		\$0

Current Status:
 Future project

Factors Effecting Timing/Completion of Project:

Eligible Funding Sources: unfunded Master Plan: Sidewalk Master Plan	FY	Eligible Funding Sources	Amount
	2020	Unfunded	\$171,850
			\$171,850



MM - Walnut from College to Old 63 Description: Reconstruction of Walnut from College to Old 63	Ward	Begin Design	Begin Construction
	3	2020	2021
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$500,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$500,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
 01/28/16 August 2015 ballot initiative provided funding source. Target design year 2020, construction 2021.

Factors Effecting Timing/Completion of Project:
 Weather and funding

Eligible Funding Sources: Capital Improvement Sales Tax Master Plan:	FY	Eligible Funding Sources	Amount
	2021	Cap Imp S Tax - 2015 Ballot	\$450,000
	2020	Co Rd Tax Reb	\$50,000
			\$500,000



Ash Street 4-Way Stop Removal

Description:
 Upgrade from a 4-way stop to roundabout or signal control: Ash & Clinkscales, Ash & Pershing, Ash & West Boulevard, and Ash & Garth.

Ward	Begin Design	Begin Construction
1	2019	2022
Eligible for Percent for Arts?		No
Current Funding Request:		\$2,600,000
Total Appropriated:		\$0
Total City Project Cost:		\$2,600,000
Est. Project Balance: 09/30/2016		\$0

Current Status:
 Future project. Funding needed.

Factors Effecting Timing/Completion of Project:
 Should be constructed before Broadway is improved between Garth and West Boulevard.
 Weather and Funding

Eligible Funding Sources:
 County road tax rebate

Master Plan:

FY	Eligible Funding Sources	Amount
2022	Cap Imp S Tax - 2015 Ballot	\$800,000
2019	Co Rd Tax Reb	\$200,000
2022	Co Rd Tax Reb	\$1,600,000
		\$2,600,000



Broadway & Dorsey St. pedestrian signal-00553

Description:

Install a pedestrian signal on Broadway at the intersection with Dorsey St. at Stephens College

Ward	Begin Design	Begin Construction
3 & 6	2020	2022
Eligible for Percent for Arts?		No
Current Funding Request:		\$198,000
Total Appropriated:		\$30,000
Total City Project Cost:		\$228,000
Est. Project Balance: 09/30/2016		\$30,000

Current Status:

Future project.

Factors Effecting Timing/Completion of Project:

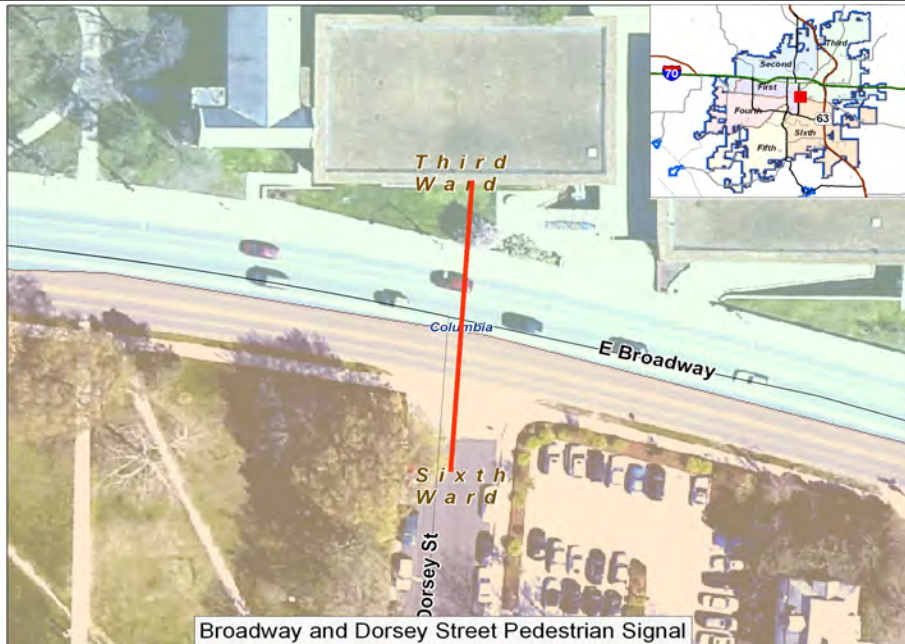
Weather and study

Eligible Funding Sources:

FY	Eligible Funding Sources	Amount
2020	Unfunded	\$198,000
		\$198,000

Master Plan:

None

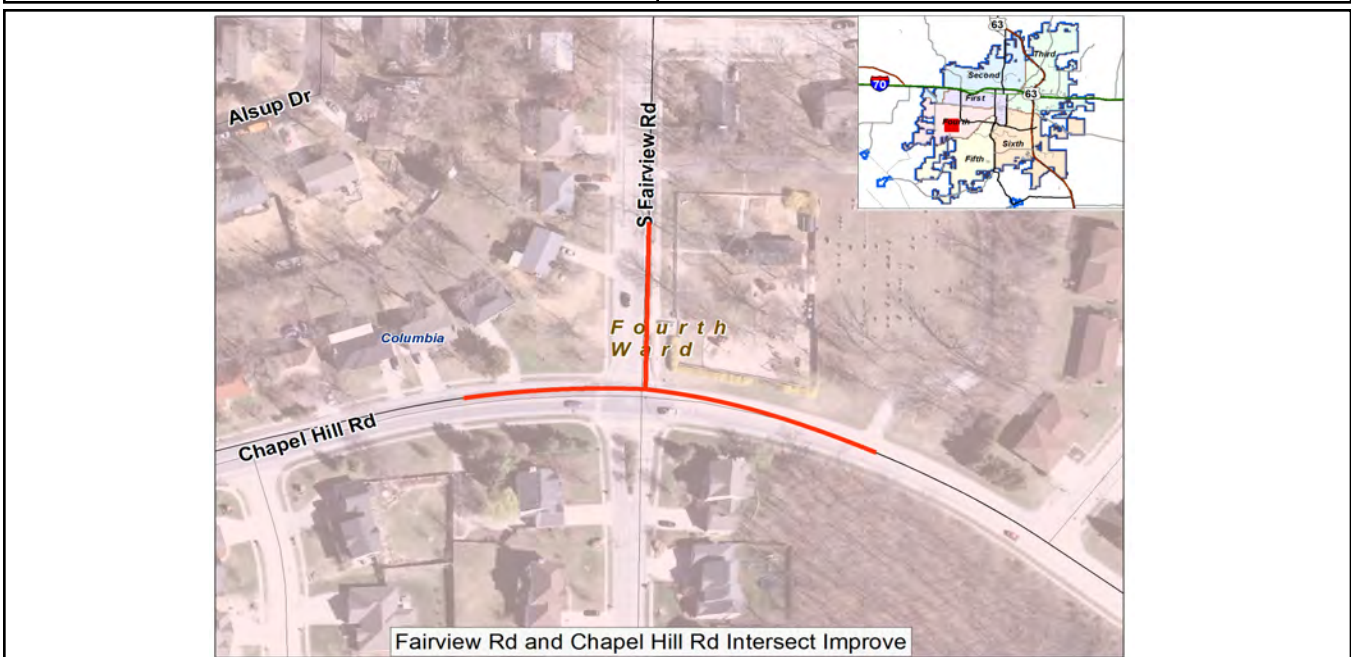


Fairview & Chapel Hill Int Imprvmts 00618 Description: Intersection Improvements	Ward	Begin Design	Begin Construction
	5	2016	2024
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$500,000
	Total Appropriated:		\$130,000
	Total City Project Cost:		\$630,000
	Est. Project Balance: 09/30/2016		\$77,951

Current Status:
 Project put on hold by Council at Public Hearing (6/20/16).

Factors Effecting Timing/Completion of Project:
 Funding and weather

Eligible Funding Sources: Future ballot; capital improvement sales tax Master Plan: None	FY	Eligible Funding Sources	Amount
	2024	Cap Imp S Tax - 2015 Ballot	\$149,000
	2024	Unfunded	\$351,000
			\$500,000

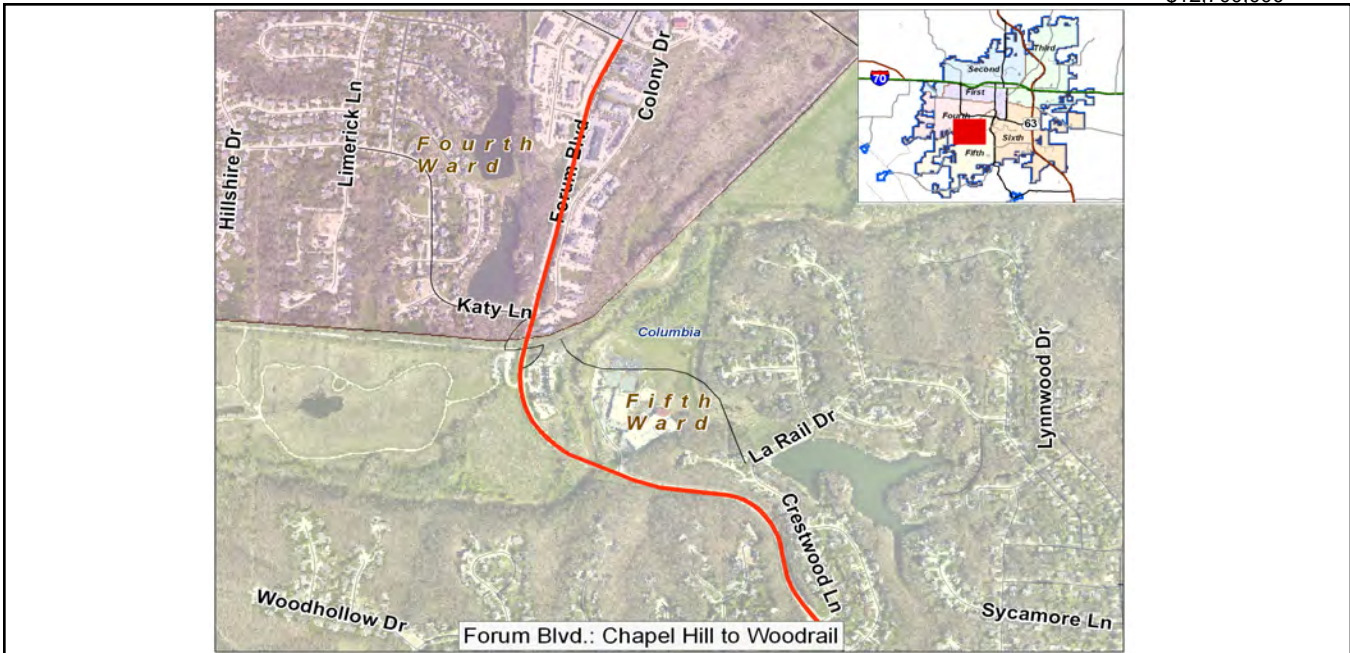


<p>Forum Blvd: Chapel Hill to Woodrail (4 lane)</p> <p>Description: Forum Blvd: Chapel Hill to Woodrail widen to four lanes and add sidewalks</p>	<table border="1"> <thead> <tr> <th>Ward</th> <th>Begin Design</th> <th>Begin Construction</th> </tr> </thead> <tbody> <tr> <td>4 & 5</td> <td>2022</td> <td>2025</td> </tr> </tbody> </table>	Ward	Begin Design	Begin Construction	4 & 5	2022	2025
	Ward	Begin Design	Begin Construction				
	4 & 5	2022	2025				
	<p>Eligible for Percent for Arts? No</p>						
	<p>Current Funding Request: \$12,700,000</p>						
	<p>Total Appropriated: \$0</p>						
	<p>Total City Project Cost: \$12,700,000</p>						
<p>Est. Project Balance: 09/30/2016 \$0</p>							

Current Status:
Future Project. Funding needed.

Factors Effecting Timing/Completion of Project:
funding & weather

<p>Eligible Funding Sources: Capital improvement sales tax, County road tax rebate, Development fees</p> <p>Master Plan: None</p>	<table border="1"> <thead> <tr> <th>FY</th> <th>Eligible Funding Sources</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>2022</td> <td>Cap Imp S Tax - 2015 Ballot</td> <td>\$350,000</td> </tr> <tr> <td>2025</td> <td>Cap Imp S Tax - 2015 Ballot</td> <td>\$3,026,000</td> </tr> <tr> <td>2022</td> <td>Co Rd Tax Reb</td> <td>\$470,000</td> </tr> <tr> <td>2023</td> <td>Co Rd Tax Reb</td> <td>\$1,500,000</td> </tr> <tr> <td>2025</td> <td>Co Rd Tax Reb</td> <td>\$2,554,000</td> </tr> <tr> <td>2022</td> <td>Development Fees</td> <td>\$900,000</td> </tr> <tr> <td>2025</td> <td>Development Fees</td> <td>\$3,900,000</td> </tr> <tr> <td colspan="2"></td> <td>\$12,700,000</td> </tr> </tbody> </table>	FY	Eligible Funding Sources	Amount	2022	Cap Imp S Tax - 2015 Ballot	\$350,000	2025	Cap Imp S Tax - 2015 Ballot	\$3,026,000	2022	Co Rd Tax Reb	\$470,000	2023	Co Rd Tax Reb	\$1,500,000	2025	Co Rd Tax Reb	\$2,554,000	2022	Development Fees	\$900,000	2025	Development Fees	\$3,900,000			\$12,700,000
	FY	Eligible Funding Sources	Amount																									
2022	Cap Imp S Tax - 2015 Ballot	\$350,000																										
2025	Cap Imp S Tax - 2015 Ballot	\$3,026,000																										
2022	Co Rd Tax Reb	\$470,000																										
2023	Co Rd Tax Reb	\$1,500,000																										
2025	Co Rd Tax Reb	\$2,554,000																										
2022	Development Fees	\$900,000																										
2025	Development Fees	\$3,900,000																										
		\$12,700,000																										



Grace Ln. - Richland to Stadium Extension

Description:
 Reconstruction of existing Minor Arterial to current standards. This project will be coordinated with Boone County and with the MoDOT Stadium extension project. Project length is approx. 2700 LF. Olivia Ray Drive to St. Charles Realignment.

Ward	Begin Design	Begin Construction
3	2018	2022
Eligible for Percent for Arts?		No
Current Funding Request:		\$3,200,000
Total Appropriated:		\$0
Total City Project Cost:		\$3,200,000
Est. Project Balance: 09/30/2016		\$0

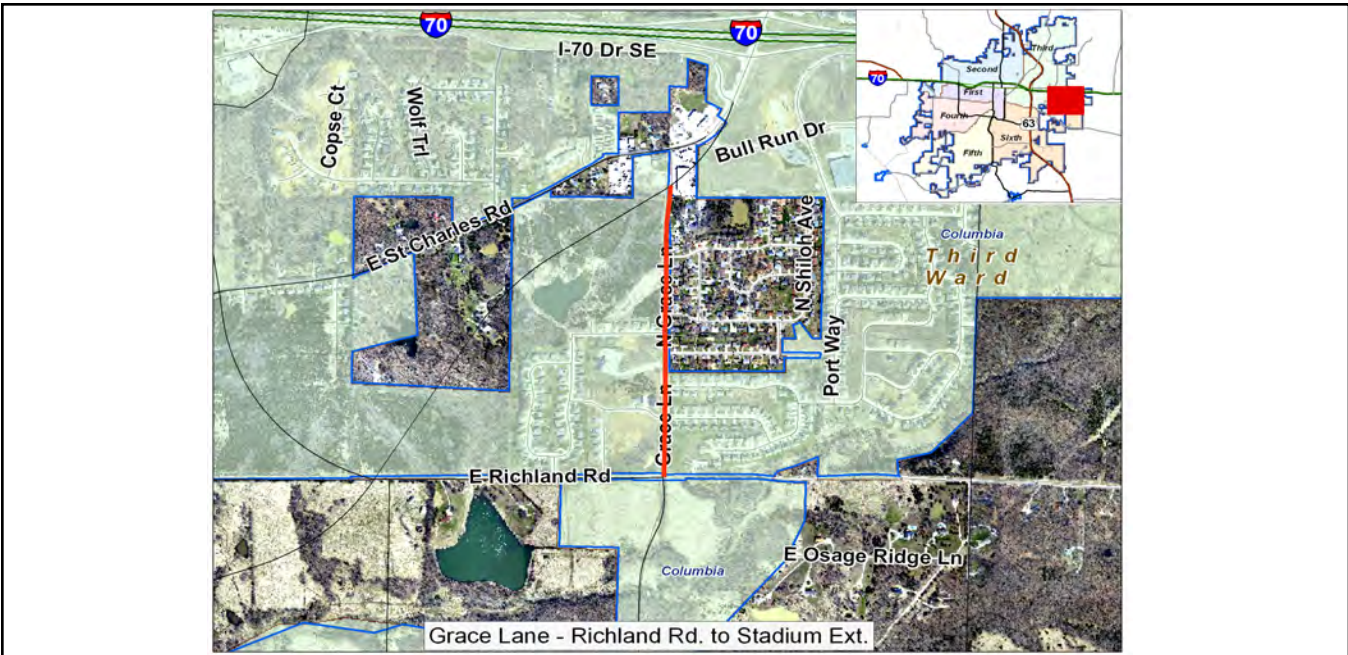
Current Status:
 Future project. Funding needed.

Factors Effecting Timing/Completion of Project:
 Funding, Agreement with Boone County, Completion of Rolling Hills, Schedule of MoDOT Stadium Extension, traffic growth.

Eligible Funding Sources:
 Future Ballot

Master Plan:
 CATSO

FY	Eligible Funding Sources	Amount
2018	Unfunded	\$320,000
2022	Unfunded	\$2,880,000
		<u>\$3,200,000</u>

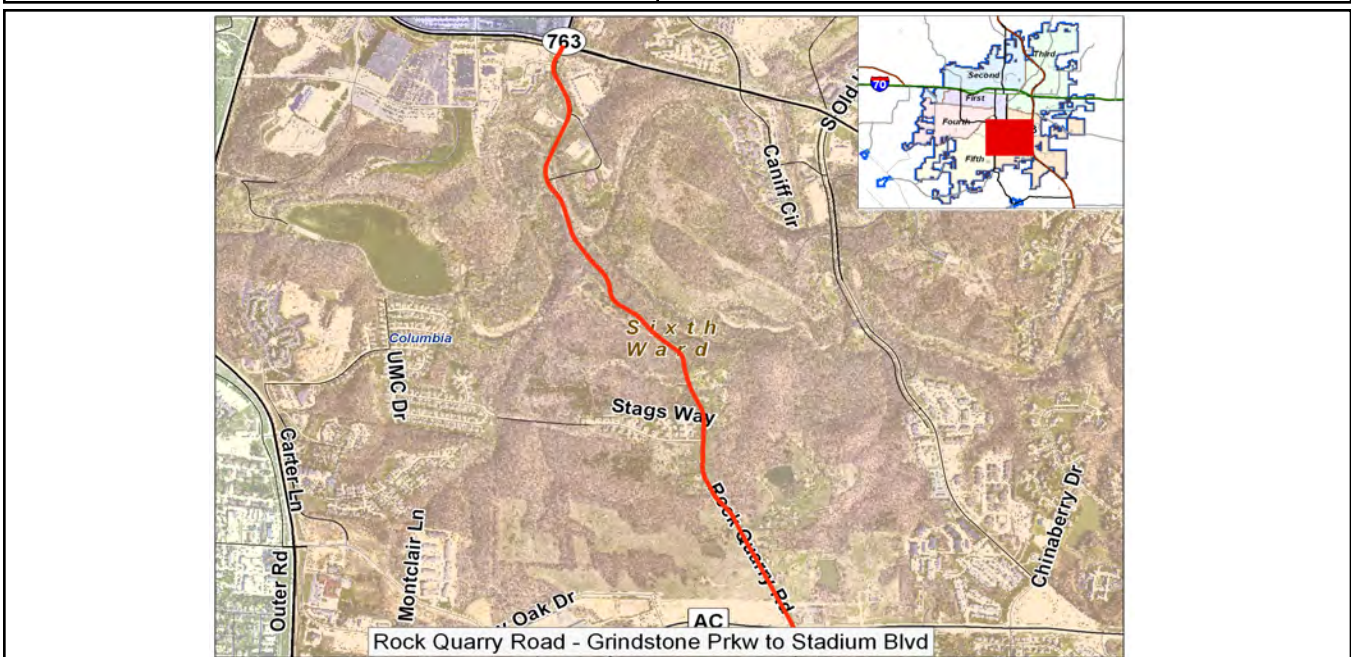


<p>Rock Quarry Rd-Grindstone Prkwy to Stadium 9400 ft</p> <p>Description: Rock Quarry Road - Grindstone Parkway to Stadium Blvd. Scenic roadway Study</p>	Ward	Begin Design	Begin Construction
	6	2026	2026
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$1,000,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$1,000,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
Future Project, funding needed.

Factors Effecting Timing/Completion of Project:
Funding, Scenic roadway area

<p>Eligible Funding Sources: Transportation Sales Tax; future ballot</p> <p>Master Plan: 2025 Transportation Plan</p>	FY	Eligible Funding Sources	Amount
	2026	Future Ballot	\$1,000,000
			\$1,000,000

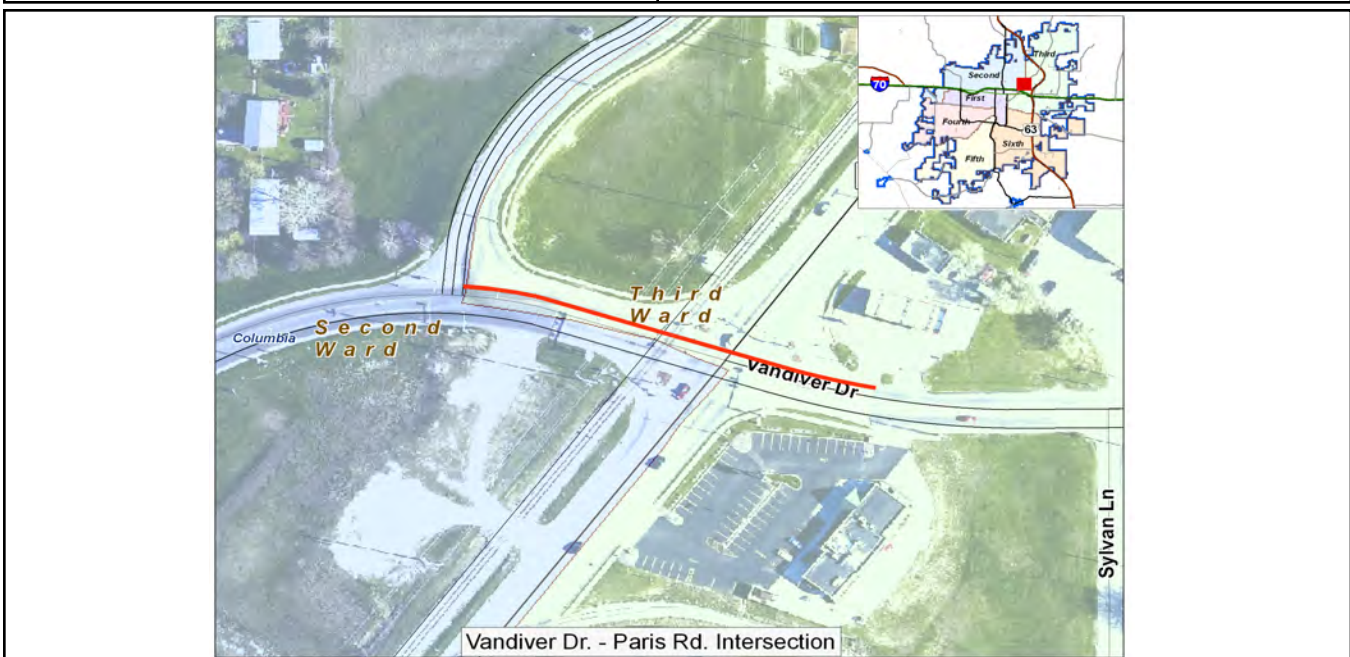


Vandiver Drive & Paris Road 00522	Ward	Begin Design	Begin Construction
	3	2016	2022
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$0
	Total Appropriated:		\$100,000
	Total City Project Cost:		\$100,000
	Est. Project Balance: 09/30/2016		\$98,008

Current Status:
 10/11/16: MoDOT project along Route B. RFP to be sent out when more is known about that project.

Factors Effecting Timing/Completion of Project:
 Should be completed before Vandiver is improved between Sylvan and US 63.
 Weather and funding.

<p>Eligible Funding Sources: Annual Streets (PYA Capital Improvement Sales Tax)</p> <p>Master Plan:</p>	FY	Eligible Funding Sources	Amount

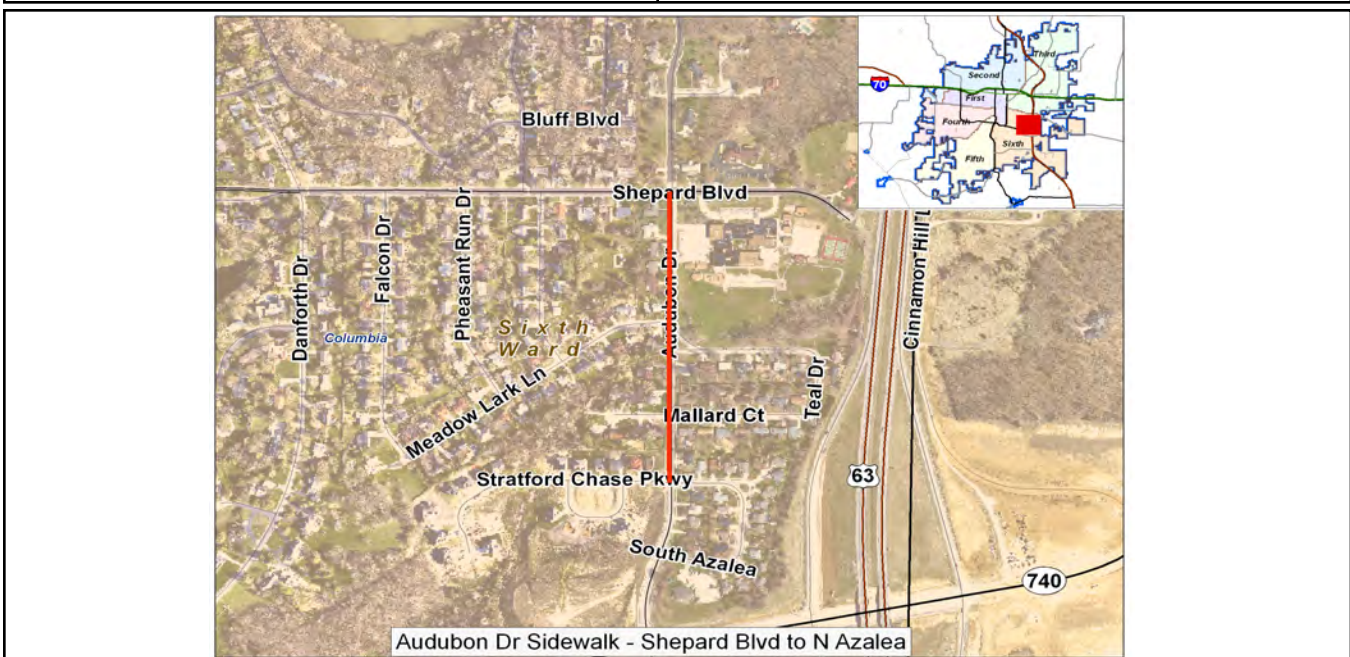


<p>Audubon Dr Sdwk-Shepard Blvd-N Azalea</p> <p>Description: Construct a 5' wide sidewalk on Audubon Drive from Shepard Blvd to N of North Azalea</p>	Ward	Begin Design	Begin Construction
	6	2024	2026
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$152,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$152,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
Future project. Funding needed.

Factors Effecting Timing/Completion of Project:
Weather and Funding

<p>Eligible Funding Sources: Future ballot, Capital improvement sales tax</p> <p>Master Plan: Sidewalk Master Plan</p>	FY	Eligible Funding Sources	Amount
	2024	Unfunded	\$152,000
			\$152,000

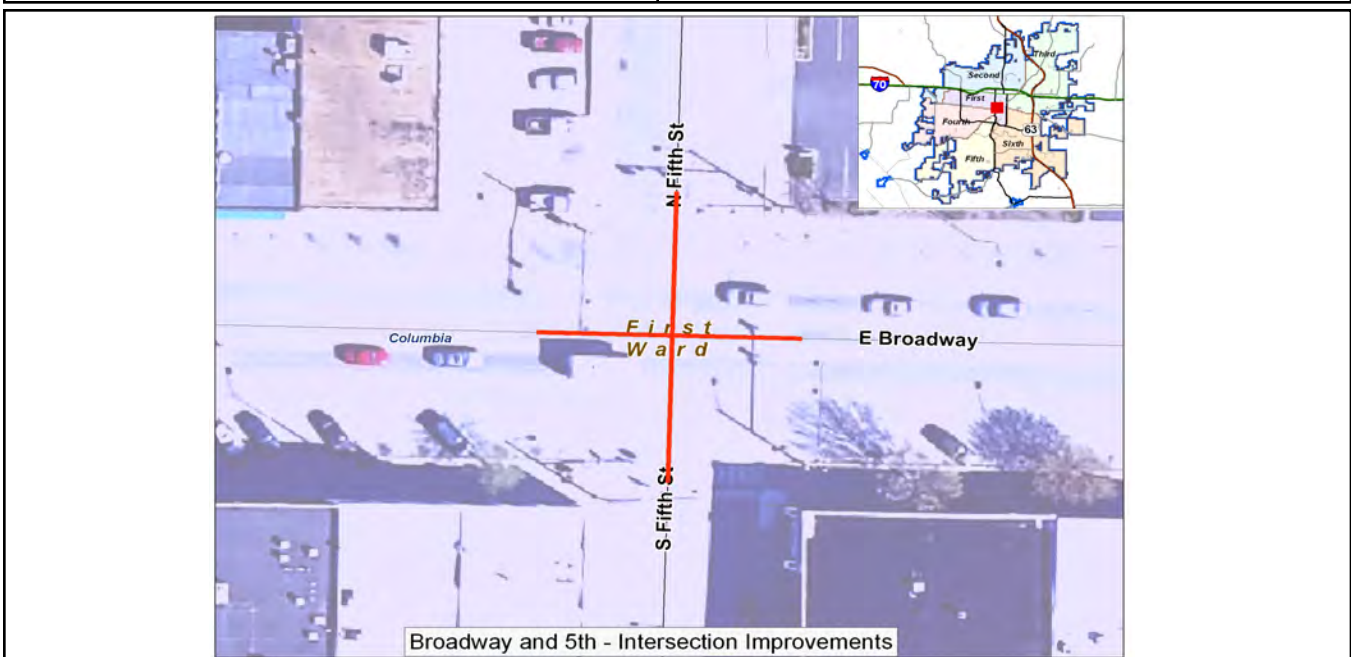


<p>Broadway & 5th Sdwlk-Intrsectn Imprvmts</p> <p>Description: Construction of intersection beautification project with planters and brick crosswalk delineation similar to other intersections on Broadway.</p>	Ward	Begin Design	Begin Construction
	1	2026	2026
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$375,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$375,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
Future project. Funding needed.

Factors Effecting Timing/Completion of Project:
Funding

<p>Eligible Funding Sources: Future ballot, capital improvement sales tax, transportation sales tax</p> <p>Master Plan: none</p>	FY	Eligible Funding Sources	Amount
	2026	Unfunded	\$375,000
			\$375,000

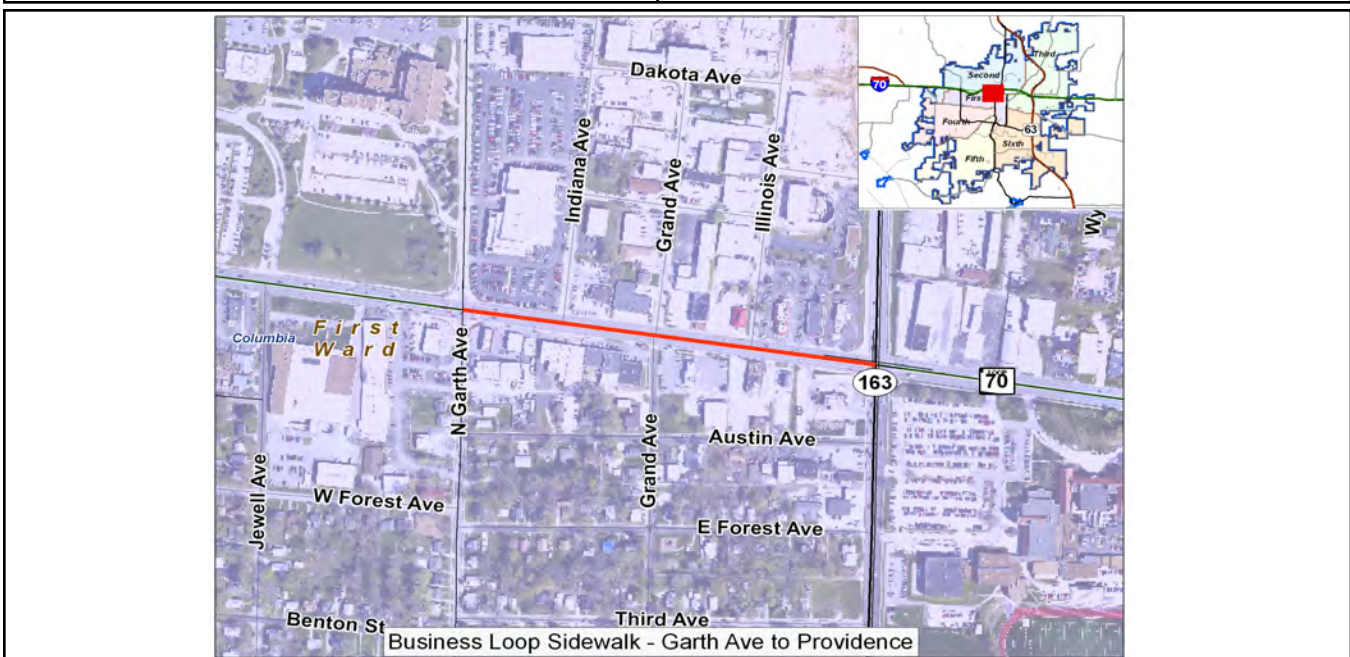


<p>Bus Loop 70 Sdwk- Garth Av-Providence</p> <p>Description: Construct a 5' wide sidewalk on Business Loop 70 from Garth Avenue to Providence. Coordinate with undergrounding utilities.</p>	Ward	Begin Design	Begin Construction
	1	2026	2026
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$325,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$325,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
Future project. Funding needed.

Factors Effecting Timing/Completion of Project:
Funding

<p>Eligible Funding Sources: future ballot, capital improvement sales tax, transportation sales tax</p> <p>Master Plan: Sidewalk Master Plan</p>	FY	Eligible Funding Sources	Amount
	2026	Unfunded	\$325,000
			\$325,000



Bus Loop 70 Sdwk-Providence to Rangeline - 00649

Description:

Construct a 5' wide sidewalk on Business Loop 70 from Providence Rd to Rangeline Street. Coordinate with undergrounding utilities.

Ward	Begin Design	Begin Construction
1	2026	2026
Eligible for Percent for Arts?		No
Current Funding Request:		\$410,000
Total Appropriated:		\$0
Total City Project Cost:		\$410,000
Est. Project Balance: 09/30/2016		\$0

Current Status:

Future project. Funding needed.
\$2,750 payment in lieu of sidewalk (B180-15) needs appropriated

Factors Effecting Timing/Completion of Project:

Funding

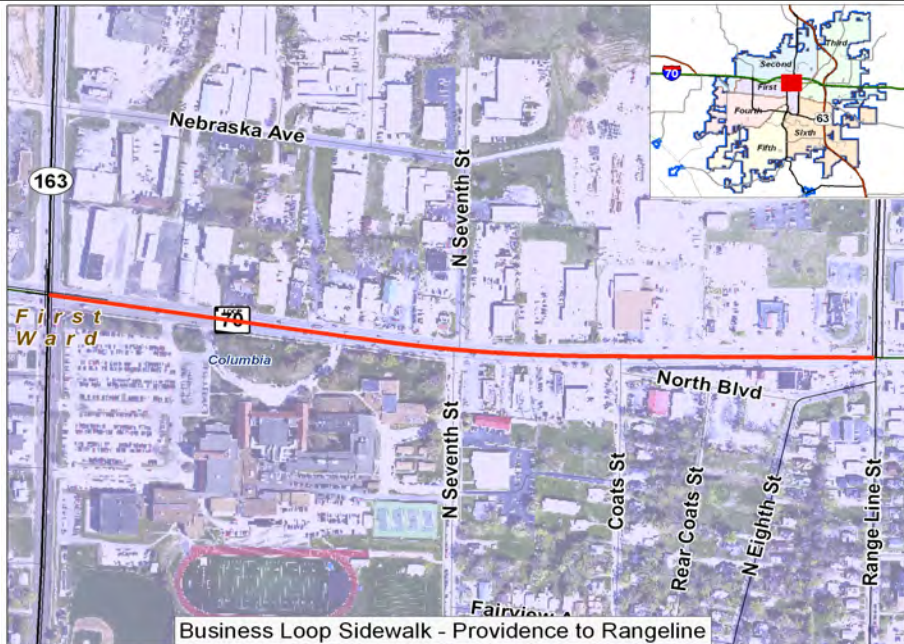
Eligible Funding Sources:

capital improvement sales tax, transportation sales tax, future ballot

Master Plan:

Sidewalk Master Plan

FY	Eligible Funding Sources	Amount
2026	Unfunded	\$407,250
		\$407,250



Locust Sidewalk (north side, 8th to 9th)

Description:
 This sidewalk reconstruction project will widen the existing sidewalk on the north side of Locust from 8th to 9th. Parking meters, utility poles, and a retaining wall create pinch points on an already narrow sidewalk. The sidewalk will be widened to meet ADA requirements and utility poles may be relocated to the south side of Locust Street.

Ward	Begin Design	Begin Construction
1	2022	2024
Eligible for Percent for Arts?		No
Current Funding Request:		\$81,154
Total Appropriated:		\$0
Total City Project Cost:		\$81,154
Est. Project Balance: 09/30/2016		\$0

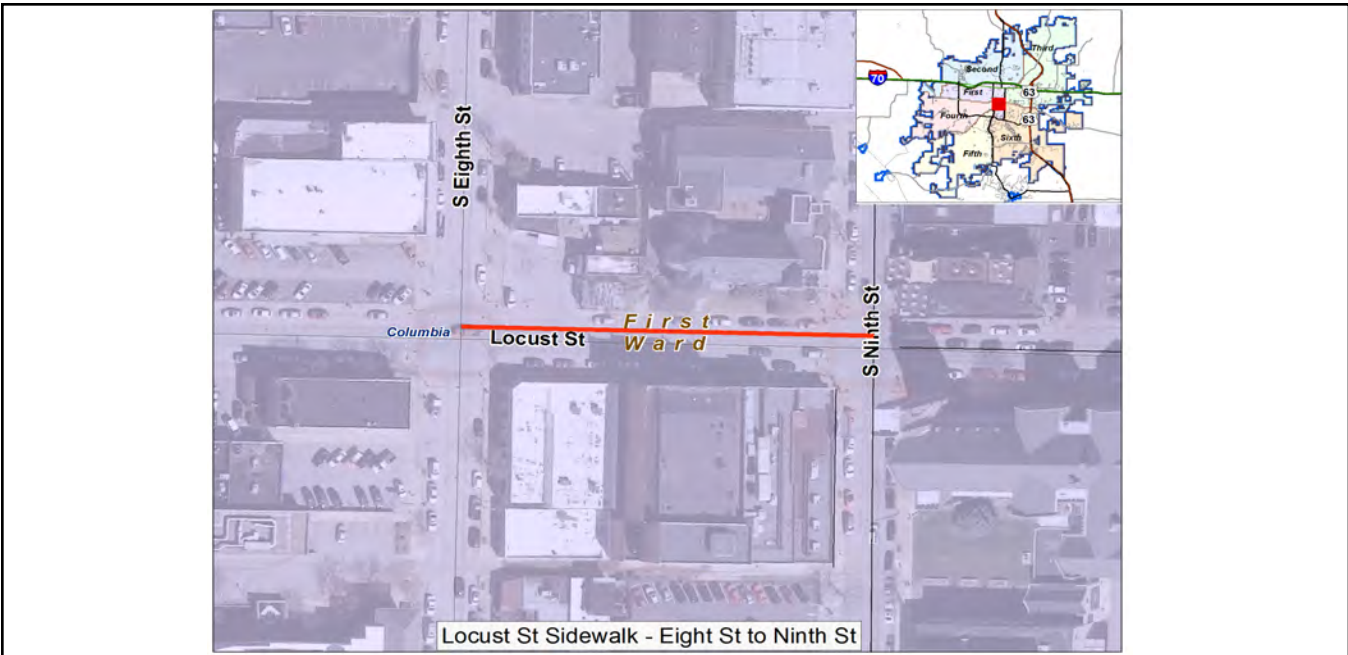
Current Status:
 Future project; currently unfunded.

Factors Effecting Timing/Completion of Project:
 CDBG approval

Eligible Funding Sources:
 CDBG

Master Plan:
 None

FY	Eligible Funding Sources	Amount
2022	Unfunded	\$81,154
		<u>\$81,154</u>



Oakland Grvl - Smiley-Blue Rdg 00330 Description: Oakland Gravel Road from Smiley to Blue Ridge; west side 5' wide	Ward	Begin Design	Begin Construction
	2 & 3	2020	2022
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$488,500
	Total Appropriated:		\$5,565
	Total City Project Cost:		\$494,065
	Est. Project Balance: 09/30/2016		\$1

Current Status:
 Future Project-Unfunded

Factors Effecting Timing/Completion of Project:
 MoDOT, ROW acquisition

Eligible Funding Sources: unfunded Master Plan: Sidewalk Master Plan	FY	Eligible Funding Sources	Amount
	2020	Unfunded	\$488,500
			\$488,500

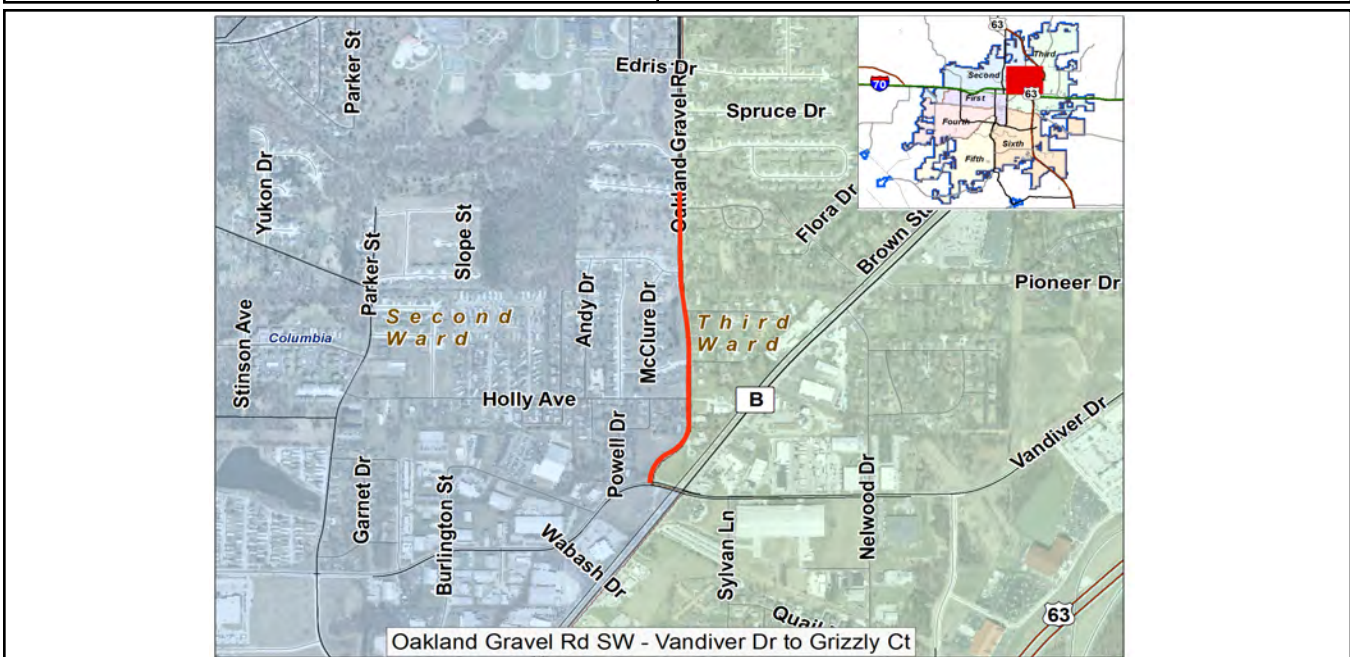


<p>Oakland Sidewalk: Vandiver north to exist sdwlk</p> <p>Description: Construction of a sidewalk on the west side of Oakland Gravel Road from Vandiver Drive northward to Grizzly Court.</p>	Ward	Begin Design	Begin Construction
	2 & 3	2022	2024
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$300,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$300,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
Future project. Funding needed.

Factors Effecting Timing/Completion of Project:
Funding

<p>Eligible Funding Sources: Capital Improvement Sales Tax</p> <p>Master Plan:</p>	FY	Eligible Funding Sources	Amount
	2022	Unfunded	\$300,000
			\$300,000



Primrose Drive Sidewalk

Description:
Construction of a 5-foot sidewalk on the north side of Primrose Drive from Stadium Blvd to Sunflower St.

Ward	Begin Design	Begin Construction
2	2024	2026
Eligible for Percent for Arts?		No
Current Funding Request:		\$615,000
Total Appropriated:		\$0
Total City Project Cost:		\$615,000
Est. Project Balance: 09/30/2016		\$0

Current Status:
Future Project. Funding needed.

Factors Effecting Timing/Completion of Project:
Funding, easements, weather

Eligible Funding Sources:
Capital improvement sales tax, future ballot, transportation sales tax.

Master Plan:

FY	Eligible Funding Sources	Amount
2026	Unfunded	\$615,000
		\$615,000

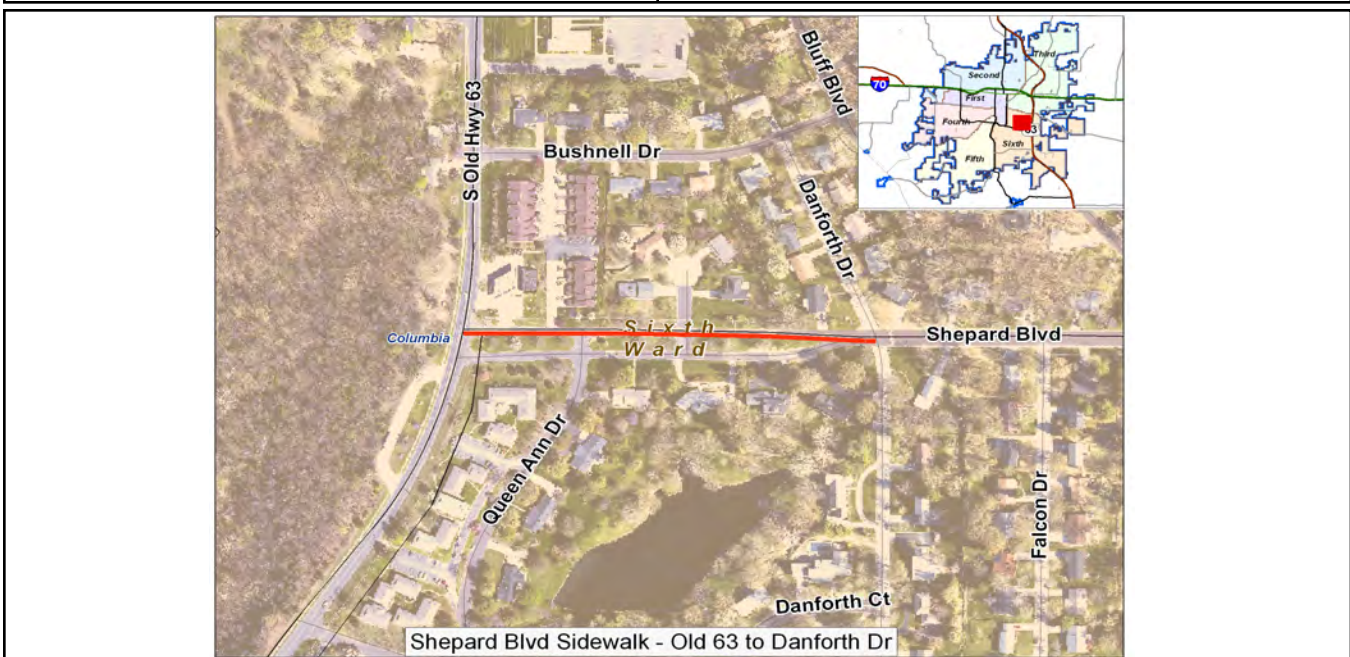


Shepard Blvd Sdwk - Old 63 to Danforth	Ward	Begin Design	Begin Construction
	6	2026	2026
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$111,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$111,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
 Future project. Funding needed.

Factors Effecting Timing/Completion of Project:
 Weather and Funding

Eligible Funding Sources: Capital improvement sales tax, transportation sales tax.	FY	Eligible Funding Sources	Amount
	2026	Unfunded	\$111,000
			\$111,000
Master Plan: Sidewalk Master Plan			



West Boulevard Sidewalk: Ash St. to Worley St.

Description:
Construction of a sidewalk on the east side of West Boulevard from Ash Street to Worley Street and a landscaped median from Hope to Broadhead.

Ward	Begin Design	Begin Construction
1	2024	2026
Eligible for Percent for Arts?		No
Current Funding Request:		\$900,000
Total Appropriated:		\$0
Total City Project Cost:		\$900,000
Est. Project Balance: 09/30/2016		\$0

Current Status:
Future project. Funding needed.

Factors Effecting Timing/Completion of Project:
Funding

Eligible Funding Sources:
Capital improvement sales tax

Master Plan:
No

FY	Eligible Funding Sources	Amount
2024	Unfunded	\$900,000
		\$900,000

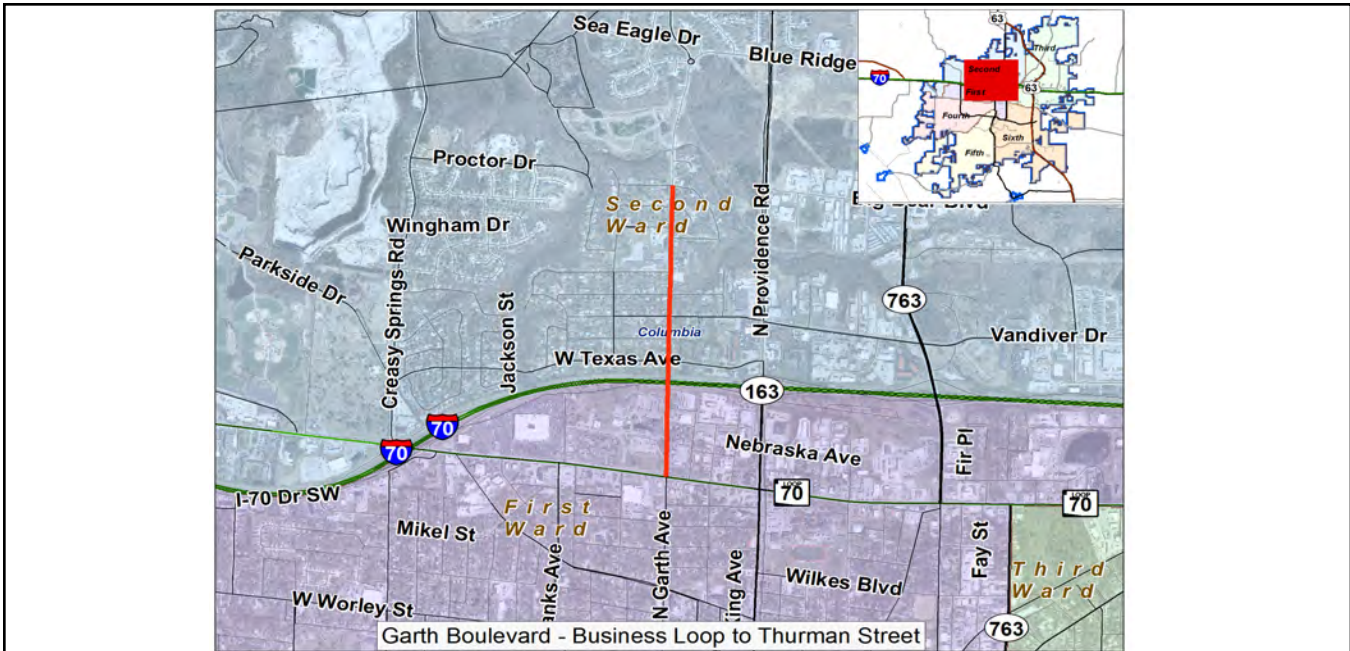


<p>MM-Garth Avenue: BL 70 to Thurman</p> <p>Description: Major maintenance of a concrete street. Diamond grinding of Garth Avenue from Business Loop 70 to Thurman</p>	<table border="1"> <thead> <tr> <th>Ward</th> <th>Begin Design</th> <th>Begin Construction</th> </tr> </thead> <tbody> <tr> <td>1 & 2</td> <td>2025</td> <td>2026</td> </tr> </tbody> </table>	Ward	Begin Design	Begin Construction	1 & 2	2025	2026
	Ward	Begin Design	Begin Construction				
	1 & 2	2025	2026				
	<p>Eligible for Percent for Arts? No</p>						
	<p>Current Funding Request: \$3,950,000</p>						
	<p>Total Appropriated: \$0</p>						
	<p>Total City Project Cost: \$3,950,000</p>						
<p>Est. Project Balance: 09/30/2016 \$0</p>							

Current Status:
Future Project

Factors Effecting Timing/Completion of Project:
funding

<p>Eligible Funding Sources: Capital improvement sales tax, County Road tax</p>	<table border="1"> <thead> <tr> <th>FY</th> <th>Eligible Funding Sources</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>2025</td> <td>Cap Imp S Tax - 2015 Ballot</td> <td>\$395,000</td> </tr> <tr> <td>2026</td> <td>Cap Imp S Tax - 2015 Ballot</td> <td>\$1,845,500</td> </tr> <tr> <td>2026</td> <td>Co Rd Tax Reb</td> <td>\$1,709,500</td> </tr> <tr> <td></td> <td></td> <td><u>\$3,950,000</u></td> </tr> </tbody> </table>	FY	Eligible Funding Sources	Amount	2025	Cap Imp S Tax - 2015 Ballot	\$395,000	2026	Cap Imp S Tax - 2015 Ballot	\$1,845,500	2026	Co Rd Tax Reb	\$1,709,500			<u>\$3,950,000</u>
	FY	Eligible Funding Sources	Amount													
2025	Cap Imp S Tax - 2015 Ballot	\$395,000														
2026	Cap Imp S Tax - 2015 Ballot	\$1,845,500														
2026	Co Rd Tax Reb	\$1,709,500														
		<u>\$3,950,000</u>														
<p>Master Plan: None</p>																



MM-Rangeline - Rogers to Wilkes

Description:
 Reconstruction of Rangeline Street from Rogers Street to Wilkes Blvd. to correct base failure and improve pavement condition. Part of the 2015 Ballot.

Ward	Begin Design	Begin Construction
1	2023	2024
Eligible for Percent for Arts?		No
Current Funding Request:		\$250,000
Total Appropriated:		\$0
Total City Project Cost:		\$250,000
Est. Project Balance: 09/30/2016		\$0

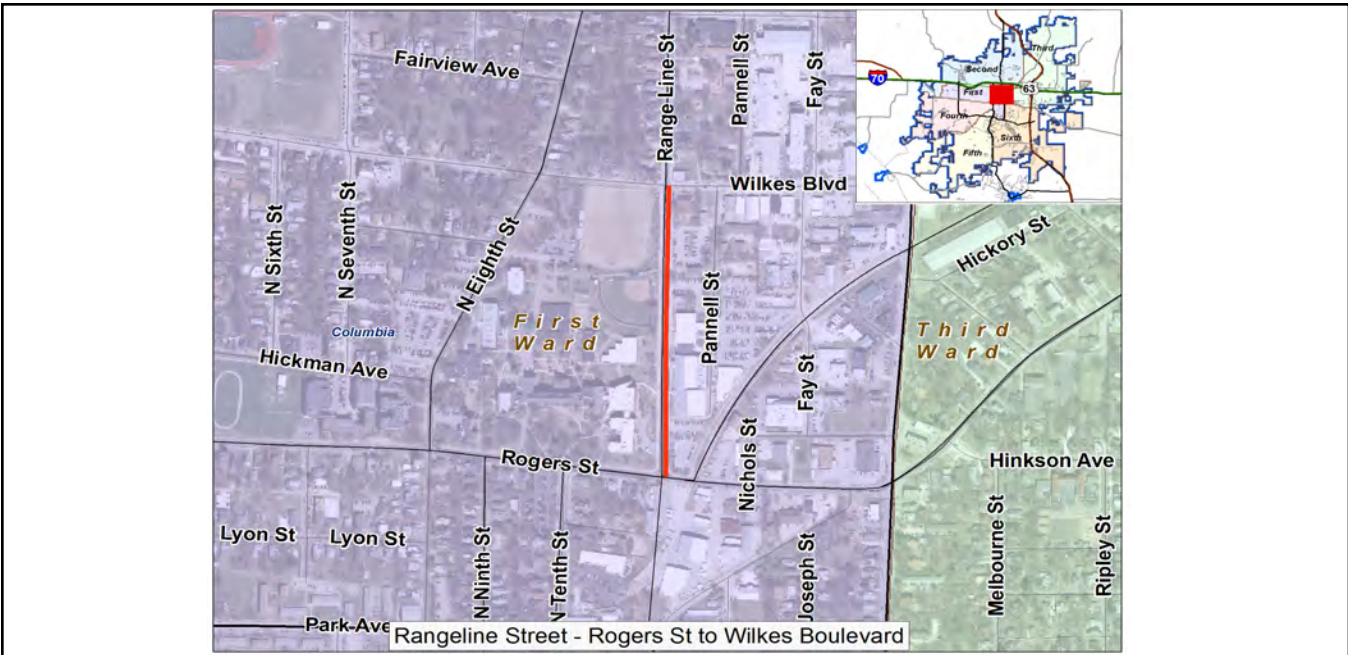
Current Status:
 Future Project

Factors Effecting Timing/Completion of Project:
 Funding and Weather

Eligible Funding Sources:
 County road tax rebate

Master Plan:

FY	Eligible Funding Sources	Amount
2023	Co Rd Tax Reb	\$25,000
2024	Co Rd Tax Reb	\$225,000
		<hr/>
		\$250,000



Streets, Sidewalks and Major Maintenance 10+ Year Projects

Project Name	Ward
Streets	
1 Atkins & Gary Street [ID: 19]	2
2 Ballenger over I-70: Clark to 740 Ext/ Richland [ID: 23]	3
3 Barberry Av: Hibiscus Dr-Mayberry Dr [ID: 24]	2
4 Bearfield and Nifong Int Imprvmt [ID: 194]	5
5 Bearfield Rd; Clear Creek-Gans Road [ID: 25]	6
6 Bearfield Rd; Nifong-Clear Creek [ID: 26]	6
7 Bernadette Dr: I-70 Dr SW-Fairview Rd [ID: 27]	2
8 Bethel & Green Meadows Int Imprvmt [ID: 186]	5
9 Bethel & Southampton Int Imprvmt [ID: 185]	5
10 Bethel Church Rd - K-Old Plank Rd 00441 [ID: 28]	5
11 Blackfoot Rd - Rt E 3,500 ft. North (4 Lane Upgrd) [ID: 29]	2
12 Blackfoot Rd - Rt E N 3,500 Ft 00130 [ID: 30]	2
13 Bluff Creek Drive Bridge [ID: 32]	6
14 Broadway & College intersect capacity improvemt [ID: 1471]	1,6
15 Brown Sch Rd-Creasy Sprngs Rd-Providence [ID: 37]	2
16 Brown Sch Rd-Providence to Hwy 763 (4 lanes) [ID: 36]	2
17 Brown Station Rd-Starke Av to Rte. B 00409 [ID: 38]	3
18 Clark Ln - PP-St. Charles Road (4 Lanes) [ID: 46]	3
19 Clark Ln - Woodland Springs Ct to Ballenger [ID: 1022]	3
20 Crabapple Ln - Old Mill Cr Rd-Sinclair Rd [ID: 47]	5
21 Creasy Springs & Texas Int Imprvmnts [ID: 204]	2
22 Creekwood Prkwy-Gldn Bear Dr-Vandvr Dr [ID: 50]	3
23 Derby Rdg & Brown Sch Rd Intersection Imp [ID: 198]	2
24 Derby Rdg & Smiley Intersection Imprvmt [ID: 199]	2
25 Derby Rdg Dr - Brown Sch Rd-Harvester Rd [ID: 52]	2,3
26 Dublin Av - Scott Blvd-Terminus [ID: 54]	4
27 East Blvd - Bus Loop 70 to Conley (TDD) [ID: 55]	3
28 Edenton & Brown Sch Rd Int Imprvmnts [ID: 201]	3
29 Elm Street Extension [ID: 247]	1
30 Forum & Southampton Intersection Imprv [ID: 192]	5
31 Gans Rd:Providence-Bearfld Rd [ID: 62]	6
32 Gans Rd:Providnc-Bearfield Rd (4 Ln Upg) [ID: 63]	6
33 Gans Rd:US 63 Intrchg-Bearfield [ID: 65]	6
34 Gans Rd:US 63 Intrchg-Bearfield (4 Ln Upg) [ID: 64]	6
35 Garth & Texas Intersection Imprv [ID: 205]	2
36 Gillespie Bridge Rd. Over Perche Creek [ID: 70]	4
37 Hackberry Dr - Providence Rd-Hwy 763 [ID: 76]	2
38 Harvester Rd-Hwy 763 to R.I. Wilson Memorial Dr. [ID: 79]	2, 3
39 Heriford Drive - Parker St to Route B [ID: 80]	2
40 Howard Orchard Road Improvement 00537 [ID: 1765]	Outside City
41 Keene & St. Charles Intrsctn Imprvmt [ID: 188]	3
42 Lake of the Woods Rd. & St Charles Rd. Intersect [ID: 200]	3
43 Lake Ridgeway Dr - Clark Ln-Vandiver Dr [ID: 87]	3
44 Lakeshore Dr - Harvester Rd-Prathersville Rd [ID: 88]	3
45 Mexico Grvl Rd - US 63 to Vandiver (4 lane) [ID: 95]	3
46 Mexico Grvl Rd - Vandiver-PP (4 Ln Upg) [ID: 94]	3
47 Nifong - Old Mill Cr. Rd. to Scott Blvd (4 lane up [ID: 1533]	5
48 Nifong: Forum to Old Mill Creek Rd. (4 ln upgrade) [ID: 1534]	5
49 Northwest Loop-Creasy to Providence [ID: 100]	2
50 Oakland & Brwn Sch Rd Intrsctn Imprvmnts [ID: 197]	3
51 Oakland & Smiley (Springdale) Intrsctn Imprv [ID: 196]	2 & 3

Streets, Sidewalks and Major Maintenance 10+ Year Projects

Project Name	Ward
Streets	
52 Old 63/Shepard Intrsrctn Imprvmt [ID: 195]	6
53 Old Plank Road - S. Providence to Forum Blvd. [ID: 102]	5
54 Palmer Road - PP to Route Z [ID: 103]	3
55 Phillips Farm Rd - Southampton to Ponderosa [ID: 105]	6
56 Prathersville Rd - Providence Rd to Hwy 763 [ID: 107]	2
57 Proctor Dr - Bear Creek to Creasy Springs Rd [ID: 1024]	2
58 Providence Rd-Blueridge to Brwn Sch (4 Ln) [ID: 108]	2
59 Providence Rd-Burning Bush Rd to VV [ID: 109]	2
60 Providence Rd-Vandiver to Blue Rdg (4 Ln Upg) [ID: 111]	2
61 Providence Rd/Texas Intrsrctn Improvmts [ID: 206]	2
62 Providence Road- Smiley to Brown School [ID: 1517]	2
63 Rangeline -Wilkes to Business Loop [ID: 1126]	1
64 Rice Road - Hanover to Ballenger Lane [ID: 1511]	3
65 Rock Quarry & Nifong Intrsrctn Imprvmt [ID: 193]	6
66 Rock Quarry Nifong to Gans Road 00027 [ID: 117]	6
67 Rock Quarry Rd-Nifong to Grindstone Prkwy 00069 [ID: 116]	6
68 Rolling Hills Road (4 lane) [ID: 119]	6
69 Rolling Hills Road-Richland to WW (4 Lane Upgrade) [ID: 74]	3
70 Scott @ I-70 Interchange- Construction [ID: 85]	2
71 Scott Blvd:Brookview-KK (4 Ln Upg) [ID: 126]	5
72 Scott Blvd:I-70 Dr NW to State Hwy E 00301 [ID: 130]	2
73 Scott Blvd:Vawter Sch Rd-Brookvw Terr (4 Ln) [ID: 123]	4, 5
74 Silvey St - W Worley to I-70 Drive SW 00207 [ID: 131]	2
75 Sinclair - Nifong S 9,000 Ft [ID: 132]	5
76 Sinclair - Rte K Northward 6,700 Feet [ID: 133]	5
77 Smiley Lane-W End to Northwest Loop [ID: 134]	2
78 Southampton Dr - Sinclair to 1000 ft eastward [ID: 136]	5
79 St Charles & Clark Int Imprvmt [ID: 189]	3
80 St Charles & Richland Int Imprvmts [ID: 202]	3
81 Stadium Extension East to I-70. 00408 [ID: 207]	3, 6
82 Stadium-Audubon Intersection Improvements [ID: 1356]	6
83 Starke Av - US 63 to Brown Station Rd [ID: 139]	3
84 Van Horn Tavern Rd - UU to I-70 Drive SW [ID: 148]	2
85 Vandiver - Route B to US 63 (4 Ln Upg) [ID: 151]	3
86 Vandiver @ 63 Intchg (4 Ln Upg) [ID: 149]	3
87 Waco Rd - Brwn Stn-Oakland Gr Rd (4 Ln Upg) [ID: 153]	3
88 Waco Rd - Route B-Rogers Rd [ID: 154]	3
89 Waco Road: Oakland to Arbor Point Sub. div. [ID: 1537]	3
90 Woodhaven Dr - Gans Rd to Nifong Blvd. [ID: 157]	6
91 Woodridge Dr - St Charles Rd to Terminus [ID: 158]	3
92 Wyatt & Thompson Intrsrctn Imprvmts [ID: 203]	3
93 Wyatt - Mexico Grvl Rd to Palmer Road [ID: 159]	3
Sidewalks	
94 Ash Street Sidewalk: Pershing to West Blvd [ID: 1208]	1
95 Bernadette Dr Sdwk-Ash to Stadium [ID: 243]	2
96 Bourn Av Sdwk-W Broadway-Rollins Rd [ID: 241]	2
97 Bray Av Sidewalk - Fairview Rd-Subella [ID: 232]	4
98 Broadway Sdwk - Maplewood-W Blvd [ID: 211]	4
99 Broadway Sdwk - Stadium Blvd to Manor [ID: 210]	4
100 Burnam Rd sidewalk: Clarkson to Providence Rd [ID: 1835]	5

Streets, Sidewalks and Major Maintenance 10+ Year Projects

Project Name	Ward
Sidewalks	
101 Bus Loop 70 Sdwk - 7th St to Rangeline [ID: 214]	1
102 Bus Loop 70 Sdwk-Rangeline to Rt B [ID: 215]	1 & 3
103 Concord St Sdwk - Arlington to Yorktown [ID: 242]	4
104 Forum Blvd Sdwk - Nifong to Mill Creek [ID: 231]	5
105 Garden Dr Sdwk - I-70 NW to Valley Vw Park [ID: 230]	2
106 Garth Ave: Worley to south Sexton [ID: 1833]	1
107 Hulen Dr Sdwk - Bayonne Ct to Ridgefield Rd [ID: 240]	4
108 I-70 Dr SE Sdwk - 63 Connector to Hillsdale [ID: 224]	3
109 I-70 Dr SW Sdwk - BL 70 to Stadium Blvd [ID: 223]	2
110 Lenoir Woods Sidewalk 00533 [ID: 1768]	6
111 Maplewood Dr Sdwk - Rollins Rd-Princeton Dr [ID: 235]	4
112 Maplewood Dr Sdwk - W Broadway-Rollins Rd [ID: 234]	4
113 Mikel St Sdwk - Orange St to Clayton St [ID: 237]	2
114 Nifong Blvd Sdwk - Sinclair Rd-Country Wds [ID: 218]	5
115 Old Route K Sidewalk 00577 [ID: 1771]	5
116 Paris Rd Sdwk - BL 70 to Edwards Court [ID: 226]	3
117 Pershing Rd Sdwk - Gary to Pearl Av [ID: 236]	2
118 Proctor Dr Sdwk - Bear Cr Village Sbdvsn [ID: 244]	5
119 Providence Rd Sdwk- Green Meadows to Recreation [ID: 221]	5
120 Rock Quarry Rd Sdwk:Stadium Blvd-Hinkson [ID: 225]	6
121 Rollins Rd Sdwk:Stadium -Bourn [ID: 229]	4
122 Rothwell Dr Sdwk:Rollins Rd to W Broadway [ID: 233]	4
123 Stadium Blvd Sdwk - Bus Loop 70-Sunflower [ID: 217]	2
Major Maintenance	
124 MM-Southampton Dr - Forum to Royal Lytham [ID: 1786]	5
124 Projects	

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Parks and Recreation Capital Projects

Planning

Long term capital planning in the Parks and Recreation Department takes place for three categories of capital projects; (1) parks, (2) trails and greenbelts, and (3) recreation facilities. Staff uses master plans, the recommendations of the Parks and Recreation Commission, and public input to assist in the planning process. In addition to the large easily identifiable projects, staff has established a generic “annual needs” program which provides funding for projects that are desirable, necessary, and meet needs identified in a master plan, although a specific project may not be identified at this point in time.

The long-term capital plan is guided by the Parks, Recreation and Open Space Master Plan. This ten-year planning document was updated in 2013 after extensive public input was sought. Staff conducted many public and focus group meetings to ascertain citizens’ recreation facility needs. Public hearings were held by both the Parks and Recreation Commission and the City Council prior to the adoption of the Master Plan in October 2013.

The long term capital plan for trails and greenbelts is derived from both the Metro Greenbelt/Trails Plan and the Parks, Recreation and Open Space Master Plan. Public input played a key role in the development of the recommendations made in both of these planning documents. Public hearings were held by the Park and Recreation Commission, the Planning and Zoning Commission, and City Council as part of the approval process of the Metro Greenbelt/Trails Plan.

Parks and Recreation staff periodically reviews the condition of the various facilities used to provide recreation programs and services. Citizens also provide feedback on needed improvements and/or enhancements to these facilities. The capital plan for these facilities is developed using such input, as well as guidance from the Parks, Recreation and Open Space Master Plan.

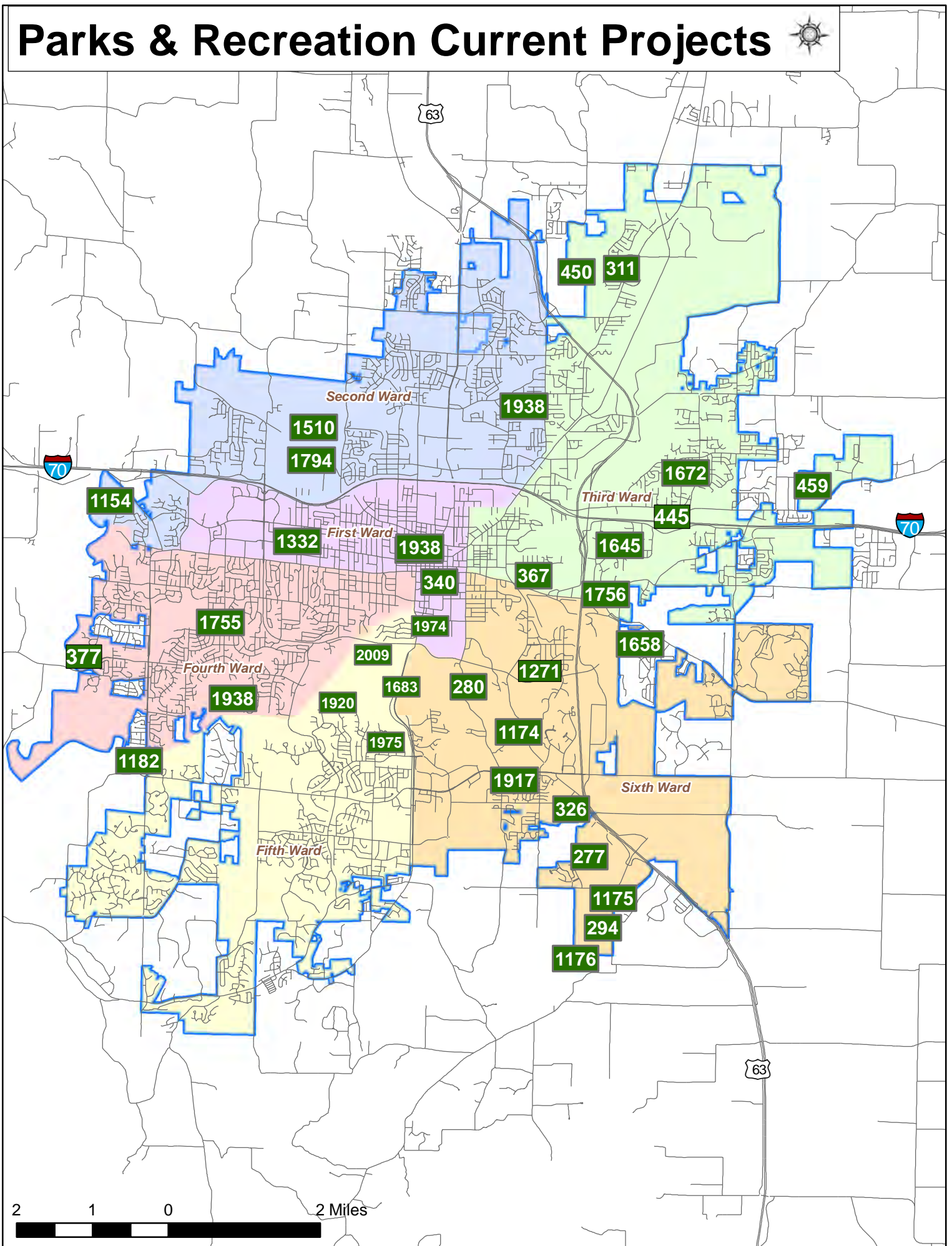
Funding

Parks and Recreation capital projects are primarily funded with a temporary one-eighth cent parks sales tax. This tax was first effective in April 2001 and was extended by voters through ballots held in 2005, 2010, and 2015. The current tax was approved by voters for a six-year extension and will expire March 31, 2022. This tax is the primary funding source for the department’s capital improvement program.

Another CIP funding source is the Recreation Services User Fees. A portion of fees paid by park users are set aside to provide funding for capital projects at recreational facilities. Additionally, fees charged at the City’s two golf courses and the Activity & Recreation Center (ARC) may only be used for those facilities.

Staff is continuously searching for funding opportunities through various grants and donations. Grants have also provided significant funding for the parks and trail system in Columbia.

Parks & Recreation Current Projects



Parks and Recreation CIP Projects

Project Name	Status	Ward	Begin Construction	Total Appropriated	Funding Still Needed	Unfunded/ Future Ballot Amount
Annual						
Parks Projects						
1 Annual Land Acq/Land Preservation 00662 [ID: 1812]	On-going	Citywide	2017	\$0	\$2,025,000	
2 Annual Park Improv - Major Maint. Programs 00056 [ID: 259]	On-going	Citywide		\$805	\$1,100,000	
3 City School Park Improv 00249 [ID: 257]	On-going	Citywide		\$290,000		
4 Park Roads & Parking 00242 [ID: 260]	On-going	Citywide		\$1,837,177		
Greenbelt/Trails						
5 Annual Trails 00673 [ID: 1813]	On-going	Citywide	2017	\$100,000		
5 Projects				\$2,227,982	\$3,125,000	\$0

Project Name	Status	Ward	Begin Construction	Total Project Cost	Funding Still Needed	Unfunded/ Future Ballot Amount
Current						
Parks Projects						
1 2010 PST Land Acq: Neighbrhd Parks 00510 [ID: 1383]	In Service	City wide	2013	\$502,329		
2 2010 PST Land Acq: Prks, Grnwys, Natural Ar 00486 [ID: 1382]	In Service	Citywide	2012	\$1,363,780		
3 ADA Compliance - Parks and Facilities 00484 [ID: 1427]	Construction	All	2012	\$632,274		
4 American Legion Park: Archery Range Improv 00555 [ID: 1658]	Construction	3	2014	\$35,000		
5 American Legion: East Field Lights RS079 [ID: 1756]	Ready to Close	3	2014	\$130,087		
6 Aquatic Facility VGBA Drain Grate Replcmt - RS082 [ID: 1938]	Ready to Close	1, 2 & 4	2016	\$23,452		
7 ARC Improvements - RS071 [ID: 1332]	In Service	1	2011	\$368,469		
8 Atkins Black Field Improvements 00681 [ID: 2009]	Construction	3	2016	\$150,000		
9 Atkins-Baseball Complex - 00654 [ID: 450]	Bid	3	2016	\$650,000		
10 Capen/Grindstone Trailhead Improvements 00457 [ID: 280]	Final Design	6	2011	\$118,000		
11 Cosmo Rec Area: Irrigation Improvements - 00625 [ID: 1794]	Ready to Close	2	2016	\$90,000		
12 Douglass Park: Shelter/Playgrnd/Skate Spot-00626 [ID: 1683]	Bid	1	2016	\$225,000		
13 Downtown Improvements 40074 [ID: 340]	In Service	1	2009	\$117,654		
14 Fairview Park: Tennis Court Resurfacing - 00627 [ID: 1755]	Preliminary Design	4	2016	\$30,000		
15 Gans Creek Recreation Area Improvements 00657 [ID: 1175]	Preliminary Design	6	2016	\$600,000	\$600,000	
16 Jay Dix Park Improvements 00516 [ID: 1182]	In Service	5	2013	\$147,128		
17 Kim Scholl Memorial Bench 00619 [ID: 1975]	Construction	6	2015	\$7,654		
18 LOW Golf Course Clubhouse Renovation - RS083 [ID: 459]	Construction	3	2016	\$120,000		
19 Maplewood Home Rehab 00638 [ID: 1974]	Construction	6	2016	\$176,600		
20 Maplewood House Repair and Restoration - 00610 [ID: 1920]	Preliminary Design	6	2015	\$32,400	\$32,400	
21 McKee St Park Improvements 00652 [ID: 1672]	Preliminary Design	3	2016	\$75,000		
22 Natural Area Open Space Plan 00517 [ID: 1510]	Final Design	City wide	2014	\$200,000		
23 Nifong Park Improvements - 00622 [ID: 326]	Bid	6	2016	\$380,800		
24 Norma Sutherland Smith Park Dvlpmnt:Phase I 00559 [ID: 311]	Construction	3	2014	\$250,000		
25 Rock Quarry Park: Lighting Improvements - 00623 [ID: 1917]	Bid	6	2016	\$15,000		
26 South Regional Park - Gans/Philips Phase I 00518 [ID: 1176]	Construction	6	2013	\$2,170,397		
27 South Regional Park - Philips Phase I 00279 [ID: 277]	In Service	6	2009	\$455,113		
28 South Regional Park Planning 00350 [ID: 294]	Preliminary Design	6	2008	\$544,860		
29 Stephens Lake Park Developmnt - Phase I 00095 [ID: 367]	Construction	3	2002	\$2,863,633		
30 Strawn Road Park Development: Phase I 00560 [ID: 1154]	Ready to Close	2 & 4	2014	\$160,095		
31 Waters-Moss Park: Phase I Development 00519 [ID: 1174]	Ready to Close	6	2014	\$609,581		
32 Woodridge Park: Playground and Tr Imp 00584 [ID: 1645]	Ready to Close	3	2015	\$213,000		
Greenbelt/Trails						
33 2010 Annual Trail Program 00561 [ID: 1344]	In Service	Citywide	2013	\$365,000		
34 GNM: Hominy Trail:Woodridge Park-Clark Ln 00362 [ID: 445]	Construction	3	2016	\$1,490,459		
35 Greenbelt/Open Space/Trail Acq & Devlpmt 40113 [ID: 370]	In Service	Citywide		\$907,111		

Parks and Recreation CIP Projects

Project Name	Status	Ward	Begin Construction	Total Project Cost	Funding Still Needed	Unfunded/Future Ballot Amount
Current						
Greenbelt/Trails						
36 Grindstone Crk Trl: GNArea-Confluence 00472 [ID: 1271]	Ready to Close	6	2012	\$1,610,000		
37 MKT Trailhead Improvements 00675 [ID: 2000]	Construction	4	2016	\$15,000		
38 Scott's Brnch Ph II: Chapel Pedwy-Perche Cr 00461 [ID: 377]	Construction	4	2012	\$200,535		
38 Projects				\$18,045,411	\$632,400	\$0

1-2 Years

Parks Projects

1 ADA Compliance Phase II 00663 [ID: 1820]	Proposed	Citywide	2017	\$375,000	\$125,000	
2 Albert-Oakland Park Improvements - 00676 [ID: 1918]	Proposed	2	2017	\$300,000	\$200,000	
3 American Legion Park: Shelter, RR, Playgrnd 00664 [ID: 1216]	Proposed	3	2017	\$100,000		
4 Antimi Sports Complex: Field Improvements - RS073 [ID: 1249]	Proposed	2	2018	\$450,000	\$450,000	
5 Clary-Shy Community Park Improvements [ID: 1825]	Proposed	1	2018	\$400,000	\$400,000	
6 Clyde Wilson Park Improvements [ID: 1955]	Proposed	6	2018	\$50,000	\$50,000	
7 Cosmo Rec Area: Athletic Field Lighting 00665 [ID: 1826]	Proposed	2	2017	\$200,000		
8 Cosmo Rec Area: Bocce Courts 00666 [ID: 1992]	Proposed	2	2017	\$25,000		
9 Cosmo Rec Area: Rainbow Softball Center RS086 [ID: 1994]	Proposed	2	2018	\$100,000	\$100,000	
10 Indian Hills Park Improvements 00667 [ID: 1954]	Proposed	3	2017	\$100,000		
11 LOW Driving Range Construction RS085 [ID: 306]	Proposed	3	2017	\$70,000		
12 Norma Sutherland Smith Park: Phase II 00669 [ID: 1815]	Proposed	3	2017	\$225,000		
13 Southeast Regional Park Tennis Complex [ID: 1951]	Proposed	6	2018	\$250,000	\$250,000	
14 Sports Field House - 00624 [ID: 1217]	Proposed	6	2017	\$3,950,000	\$1,820,000	
15 Twin Lakes Recreation Area: Bathhouse Renov 00670 [ID: 1993]	Proposed	Citywide	2017	\$25,000		
16 Valleyview Park Improvements 00671 [ID: 1990]	Proposed	2	2017	\$60,000		
17 Waters House Renovations 00672 [ID: 1991]	Proposed	6	2017	\$50,000		

Greenbelt/Trails

18 GNM: Clark Lane West, Hinkson Trail/Pedway 00570 [ID: 1767]	Final Design	3	2017	\$965,325	\$662,700	
19 GNM: County House Trl/Pedway Phase 2 West - 00569 [ID: 1742]	Final Design	4	2017	\$295,000		
20 GNM: Shepard to Rollins Trail/Pedway 00572 [ID: 1766]	Preliminary Design	6	2017	\$210,870		
21 MKT Bridge Replacements: #2 & 8 - 00674 [ID: 1269]	Proposed	4,5	2017	\$230,000		
22 Perche Creek Trail Ph I: MKT to Gillespie Bridge [ID: 427]	Proposed	4,5	2018	\$1,200,000	\$1,200,000	
22 Projects				\$9,631,195	\$5,257,700	\$0

3-5 Years

Parks Projects

1 Again Street Park Improvements [ID: 1952]	Proposed	1	2021	\$100,000	\$100,000	
2 Battle Park Phase I Development [ID: 1959]	Proposed	3	2021	\$320,000	\$320,000	
3 Cosmo Rec Area: Parks Mgmt Center Improvements [ID: 457]	Proposed	2	2020	\$200,000	\$200,000	
4 Cosmo-Bethel Park Improvements [ID: 1953]	Proposed	5	2020	\$125,000	\$125,000	
5 Fairview Park/Bonnie View: Phase II Improvements [ID: 309]	Proposed	4	2021	\$125,000	\$125,000	
6 Kiwanis Park Improvements [ID: 322]	Proposed	4	2019	\$125,000	\$125,000	
7 Lions-Stephens Park Improvements 00668 [ID: 1264]	Proposed	3	2019	\$100,000	\$100,000	
8 Magnolia Falls Neighborhood Park Development [ID: 1819]	Proposed	5	2019	\$125,000	\$125,000	
9 MKT Wetlands/Forum Nature Area Restoration [ID: 1956]	Proposed	5	2021	\$80,000	\$80,000	
10 Oakwood Hills Park Improvements [ID: 1675]	Proposed	5	2019	\$125,000	\$125,000	
11 Philips Park Improvements [ID: 1957]	Proposed	6	2019	\$800,000	\$800,000	
12 Rock Bridge Park Improvements [ID: 1657]	Proposed	5	2020	\$125,000	\$125,000	
13 Strawn Park: Phase II [ID: 1637]	Proposed	4	2020	\$200,000	\$200,000	

Parks and Recreation CIP Projects

Project Name	Status	Ward	Begin Construction	Total Project Cost	Funding Still Needed	Unfunded/Future Ballot Amount
3-5 Years						
Parks Projects						
14 The Vinyards/El Chapparral Lake/Park Development [ID: 1950]	Proposed	6	2021	\$75,000	\$75,000	
15 Worley St Park Improvement [ID: 1633]	Proposed	1	2020	\$75,000	\$75,000	
Greenbelt/Trails						
16 Chapel Hill Connector - Perche Creek Trail [ID: 1949]	Proposed	4	2020	\$500,000	\$500,000	
17 Hinkson Creek Trail: Stephens to Clark Lane [ID: 1188]	Proposed	3	2021	\$950,000	\$950,000	
17 Projects				\$4,150,000	\$4,150,000	\$0

6-10 Years

Parks Projects

1 400 Meter Outdoor Track with Turf Sports Field [ID: 1919]	Proposed	TBD	2024	\$600,000	\$600,000	\$600,000
2 Albert-Oakland Park: Enclose Pool w/Air Structure [ID: 1221]	Proposed	2	2022	\$125,000	\$125,000	\$125,000
3 Aquatic Facility [ID: 428]	Proposed	6	2023	\$4,000,000	\$4,000,000	\$4,000,000
4 ARC Gym/Fitness Expansion [ID: 297]	Proposed	1	2022	\$2,800,000	\$2,800,000	\$2,800,000
5 Atkins: Park Development-Future phases [ID: 317]	Proposed	3	2023	\$3,553,000	\$3,553,000	\$3,553,000
6 Boxer Park Development [ID: 1667]	Proposed	2	2024	\$60,000	\$60,000	\$60,000
7 Cosmo Rec Area: Northeast Quarry Area [ID: 1673]	Proposed	2	2024	\$770,000	\$770,000	\$770,000
8 Cosmo Rec Area: Park Mgmt Center: Rpl Fab Shop [ID: 1677]	Proposed	2	2022	\$850,000	\$850,000	\$850,000
9 Cosmo Rec Area: RC Track Improvements [ID: 1219]	Proposed	2	2022	\$75,000	\$75,000	\$75,000
10 Cosmo Rec Area: Shelters Replacement [ID: 320]	Proposed	2	2025	\$325,000	\$325,000	\$325,000
11 Cosmo Rec Area: Skate Park Expansion [ID: 1687]	Proposed	2	2022	\$750,000	\$750,000	\$750,000
12 Cosmo Rec Area: Skate Park/Roller Hockey Lights [ID: 310]	Proposed	2	2023	\$150,000	\$150,000	\$150,000
13 Cosmo Rec Area: Soccer Field/Concession Imprv [ID: 283]	Proposed	2	2022	\$295,000	\$295,000	\$295,000
14 Cosmo Rec Area: Tennis Court Lights & Shelter [ID: 1688]	Proposed	2	2022	\$263,000	\$263,000	\$263,000
15 Cosmo Rec Area: Tennis Court Resurfacing [ID: 1824]	Proposed	2	2022	\$100,000	\$100,000	\$100,000
16 Douglass Park: Multipurpose Building [ID: 1682]	Proposed	1	2023	\$1,298,000	\$1,298,000	\$1,298,000
17 Forum Nature Area Improvements [ID: 1674]	Proposed	5	2022	\$30,500	\$30,500	\$30,500
18 Garth Nature Area: Park & Dog Park Improvements [ID: 1670]	Proposed	2	2022	\$53,000	\$53,000	\$53,000
19 Grasslands Park Improvements [ID: 1681]	Proposed	5	2023	\$30,000	\$30,000	\$30,000
20 Jay Dix Station - Phase II [ID: 1828]	Proposed	5	2022	\$150,000	\$150,000	\$150,000
21 Kyd Park Development [ID: 1829]	Proposed	2	2024	\$125,000	\$125,000	\$125,000
22 LOW Aquatic Facility Improvements [ID: 1680]	Proposed	Outside City limits	2026	\$454,000	\$454,000	\$454,000
23 MLK Memorial & Battle Garden Improvements [ID: 1679]	Proposed	4	2022	\$121,000	\$121,000	\$121,000
24 Neighborhood Park Dev - Priority 1 (TBD) [ID: 1817]	Proposed	TBD	2023	\$150,000	\$150,000	\$150,000
25 Neighborhood Park Dev - Priority 2 (TBD) [ID: 1818]	Proposed	TBD	2026	\$150,000	\$150,000	\$150,000
26 Nifong Park: Covered Tractor & Implement Structure [ID: 1671]	Proposed	6	2022	\$250,000	\$250,000	\$250,000
27 Playground Improvements [ID: 1921]	Proposed	TBD	2024	\$200,000	\$200,000	\$200,000
28 Proctor Park Improvements [ID: 327]	Proposed	2	2022	\$105,000	\$105,000	\$105,000
29 Racquetball Courts: Outdoor [ID: 1685]	Proposed	TBD	2023	\$45,000	\$45,000	\$45,000
30 Rock Quarry Park: Building Improvements [ID: 308]	Proposed	6	2022	\$375,000	\$375,000	\$375,000
31 Rock Quarry Park: Park & Trail Improvements [ID: 1656]	Proposed	6	2024	\$200,000	\$200,000	\$200,000
32 Rothwell Park Improvements [ID: 1655]	Proposed	4	2022	\$95,000	\$95,000	\$95,000
33 Shepard Park Improvements [ID: 1654]	Proposed	6	2024	\$80,000	\$80,000	\$80,000
34 Smiley Lane Park Improvements [ID: 1652]	Proposed	2	2022	\$45,000	\$45,000	\$45,000
35 Smithton Park Improvements [ID: 1651]	Proposed	1	2024	\$98,000	\$98,000	\$98,000
36 Stephens Lake Park: Botanical Garden Improvements [ID: 1642]	Proposed	3	2022	\$140,000	\$140,000	\$140,000
37 Stephens Lake Park: E. Walnut Development [ID: 313]	Proposed	3	2022	\$450,000	\$450,000	\$450,000
38 Stephens Lake Park: Lake & Sprayground Improvement [ID: 1644]	Proposed	3	2023	\$190,000	\$190,000	\$190,000
39 Stephens Lake Park: Playground Improvements [ID: 1643]	Proposed	3	2022	\$150,000	\$150,000	\$150,000
40 Stephens Lake Park: SE Trailhead Improvements [ID: 1647]	Proposed	3	2022	\$175,000	\$175,000	\$175,000
41 Synthetic Turf - Athletic Field [ID: 1827]	Proposed	TBD	2024	\$800,000	\$800,000	\$800,000
42 Tennis Courts: Enclose 4 Courts with Air Structure [ID: 1664]	Proposed	TBD	2022	\$400,000	\$400,000	\$400,000

Parks and Recreation CIP Projects

Project Name	Status	Ward	Begin Construction	Total Project Cost	Funding Still Needed	Unfunded/Future Ballot Amount
6-10 Years						
Parks Projects						
43 Twin Lakes Rec Area: Aquatic Facility-Pool [ID: 1635]	Proposed	4	2025	\$1,500,000	\$1,500,000	\$1,500,000
44 Twin Lakes Rec Area: Lake & Misc Park Improvements [ID: 1636]	Proposed	4	2022	\$411,500	\$411,500	\$411,500
45 Valleyview Park Improvements [ID: 1640]	Proposed	2	2023	\$130,000	\$130,000	\$130,000
46 Waters-Moss Develop Phase II: Waters & Jones Bldgs [ID: 1632]	Proposed	6	2023	\$125,000	\$125,000	\$125,000
47 Westwinds Park Improvements [ID: 1639]	Proposed	4	2022	\$75,000	\$75,000	\$75,000
Greenbelt/Trails						
48 Bear Creek Trail Renovation: Creasy to Skatepark [ID: 1098]	Proposed	2	2022	\$1,075,000	\$1,075,000	\$1,075,000
49 Bear Creek Trail: Albert-Oakland Park to Lange [ID: 380]	Proposed	2	2024	\$950,000	\$950,000	\$950,000
50 Bear Creek Trail: CCRA to Blackfoot Rd. [ID: 1659]	Proposed	2	2023	\$500,000	\$500,000	\$500,000
51 Bear Creek Trail: Hard Surface Wash/Problem [ID: 447]	Proposed	2	2022	\$710,000	\$710,000	\$710,000
52 Bear Creek Trail: Lange to Fairgrounds [ID: 437]	Proposed	2,3	2023	\$2,600,000	\$2,600,000	\$2,600,000
53 COLT RR Trail Ph 1: Columbia College to Vandiver [ID: 1273]	Proposed	3	2024	\$3,000,000	\$3,000,000	\$3,000,000
54 Cosmo Park Bear Creek Boardwalk Renovation [ID: 378]	Proposed	2	2023	\$125,000	\$125,000	\$125,000
55 Cosmo Park Trail-Stadium Diverging Diamond to BCT [ID: 1581]	Proposed	2	2022	\$700,000	\$700,000	\$700,000
56 Cow Branch: Providence to Auburn Hills [ID: 448]	Proposed	2	2023	\$1,820,000	\$1,820,000	\$1,820,000
57 Hinkson Cr Trail: Old 63 to East Campus Connector [ID: 1298]	Proposed	6	2022	\$1,740,000	\$1,740,000	\$1,740,000
58 Hinkson Creek Trail: Clark Lane to Vandiver [ID: 1961]	Proposed	3	2023	\$1,750,000	\$1,750,000	\$1,750,000
59 Hinkson Creek Trail: Vandiver pedway to Colt RR [ID: 1661]	Proposed	3	2024	\$1,300,000	\$1,300,000	\$1,300,000
60 Hominy Creek Trail: Old 63 to Green Valley [ID: 1660]	Proposed	6	2023	\$800,000	\$800,000	\$800,000
61 MKT Bridge Replacements: #10 [ID: 1816]	Proposed	4 & 5	2024	\$320,000	\$320,000	\$320,000
62 MKT Trail: New Restroom at Flat Branch Park [ID: 1669]	Proposed	1	2022	\$200,000	\$200,000	\$200,000
63 MKT Trail: Scott Blvd Improvements [ID: 1676]	Proposed	5	2022	\$40,500	\$40,500	\$40,500
64 N Fork Grindstone Trail: Confluence to Eastport Pk [ID: 433]	Proposed	6,3	2022	\$2,700,000	\$2,700,000	\$2,700,000
65 Perche Creek Trail Ph 3: Broadway to I-70 [ID: 1663]	Proposed	2,4	2024	\$2,600,000	\$2,600,000	\$2,600,000
66 Perche Crk Trail Ph 2: Gillespie to Broadway [ID: 1285]	Proposed	4	2023	\$2,800,000	\$2,800,000	\$2,800,000
67 Trail restroom: Location TBD [ID: 1648]	Proposed	TBD	2024	\$100,000	\$100,000	\$100,000
67 Projects				\$49,147,500	\$49,147,500	\$49,147,500
149 Total Projects				\$83,202,088	\$62,312,600	\$49,147,500

ADA Compliance Phase II 00663

Description:
 Bringing existing parks, playgrounds and P&R managed facilities into compliance with the American with Disabilities Act. Projects based on report developed by Gerald Morgan, P.A. at MU.

Ward	Begin Design	Begin Construction
Citywide	2017	2017
Eligible for Percent for Arts?		No
Current Funding Request:		\$125,000
Total Appropriated:		\$250,000
Total City Project Cost:		\$375,000
Est. Project Balance: 09/30/2016		\$25,000

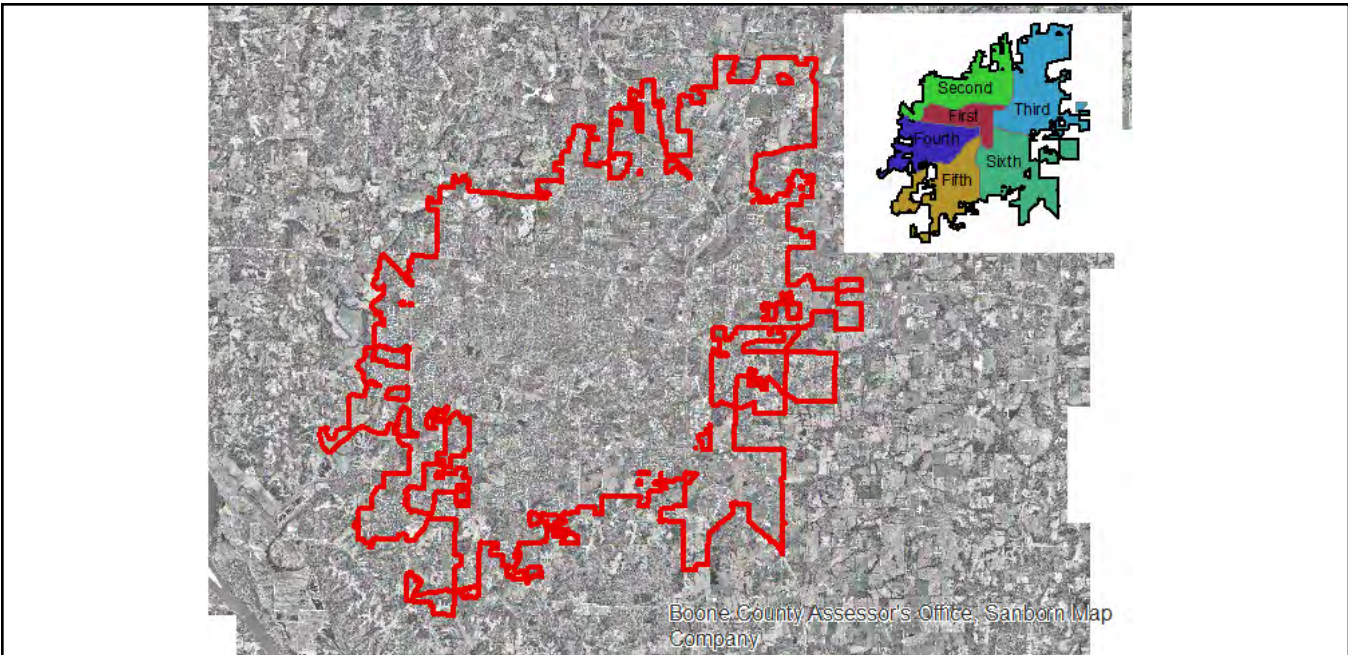
Current Status:
 The department has budgeted approximately \$632,000 out of the 2010 Park Sales Tax funds for Phase I compliance projects.

Factors Effecting Timing/Completion of Project:

Eligible Funding Sources:
 2015 Park Sales Tax

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2017	Park Sales Tax	\$25,000
2018	Park Sales Tax	\$25,000
2019	Park Sales Tax	\$25,000
2020	Park Sales Tax	\$25,000
2021	Park Sales Tax	\$25,000
2022	Park Sales Tax	\$25,000
		<hr/>
		\$150,000



Albert-Oakland Park Improvements - 00676

Description:
 This project includes the renovation of Albert-Oakland Park including the replacement of shelter #1, playgrounds on the east side of park, new restroom, pickleball courts and other improvements as funding allows.

Ward	Begin Design	Begin Construction
2	2017	2017
Eligible for Percent for Arts?		No
Current Funding Request:		\$200,000
Total Appropriated:		\$100,000
Total City Project Cost:		\$300,000
Est. Project Balance: 09/30/2016		\$100,000

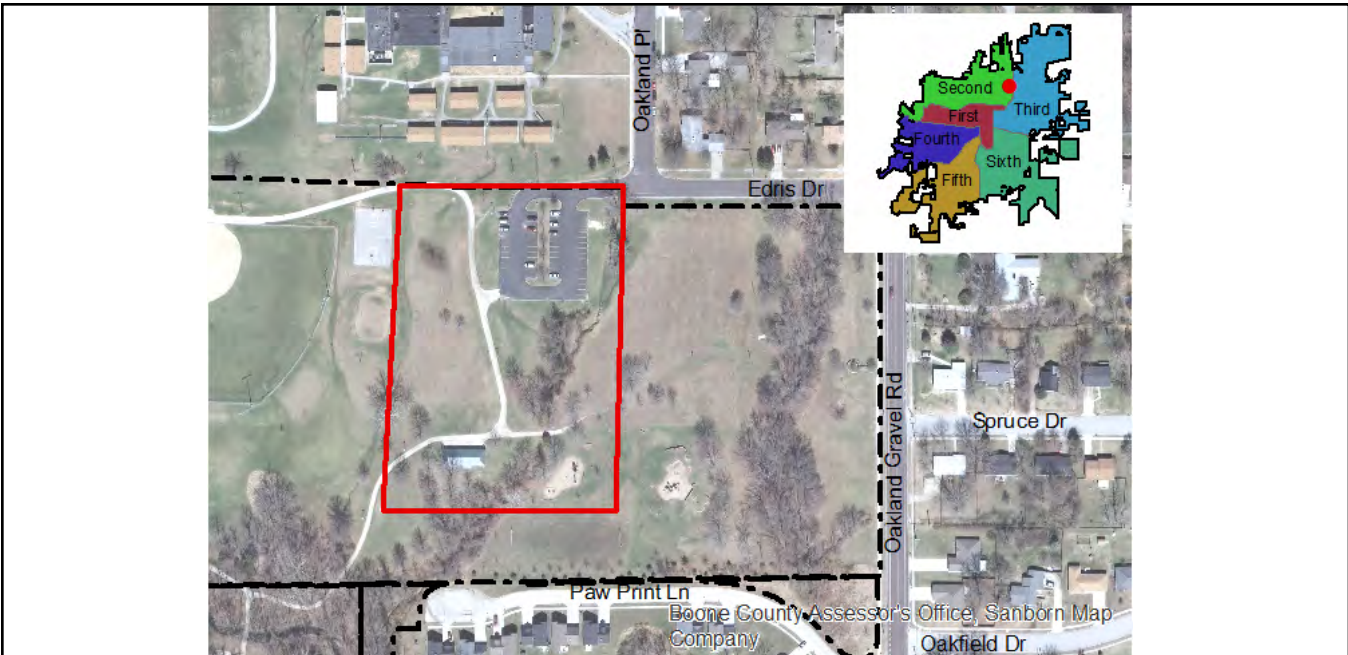
Current Status:
 09/12/16: IP Meeting for Phase II of Pickleball Courts scheduled for 9/15 at the ARC. Park staff is proposing to complete the six courts, add a small shelter, and improved lighting to the facility.

Factors Effecting Timing/Completion of Project:

Eligible Funding Sources:
 PST

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2017	Park Sales Tax	\$100,000
2021	Park Sales Tax	\$200,000
		<hr/>
		\$300,000



American Legion Park: Shelter, RR, Playgrnd 00664

Description:
 This project includes the renovation of American Legion Park by improving the playground, shelter, concession building, restroom, and other improvements as funding allows.

Ward	Begin Design	Begin Construction
3	2016	2017
Eligible for Percent for Arts?		No
Current Funding Request:		\$0
Total Appropriated:		\$100,000
Total City Project Cost:		\$100,000
Est. Project Balance: 09/30/2016		\$100,000

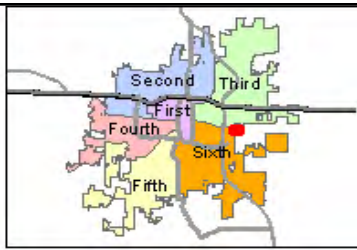
Current Status:
 Funding based on improvements to the shelter \$50k, playground \$40k and concession with restrooms \$10k.

Factors Effecting Timing/Completion of Project:

Eligible Funding Sources:
 2015 Park Sales Tax

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2017	Park Sales Tax	\$100,000
		\$100,000



Antimi Sports Complex: Field Improvements - RS073

Description:
 Replace the existing backstops, fencing and dugouts on the original four fields, irrigate four additional fields and make ADA walkway improvements.

Ward	Begin Design	Begin Construction
2	2017	2018
Eligible for Percent for Arts?		No
Current Funding Request:		\$450,000
Total Appropriated:		\$0
Total City Project Cost:		\$450,000
Est. Project Balance: 09/30/2016		\$0

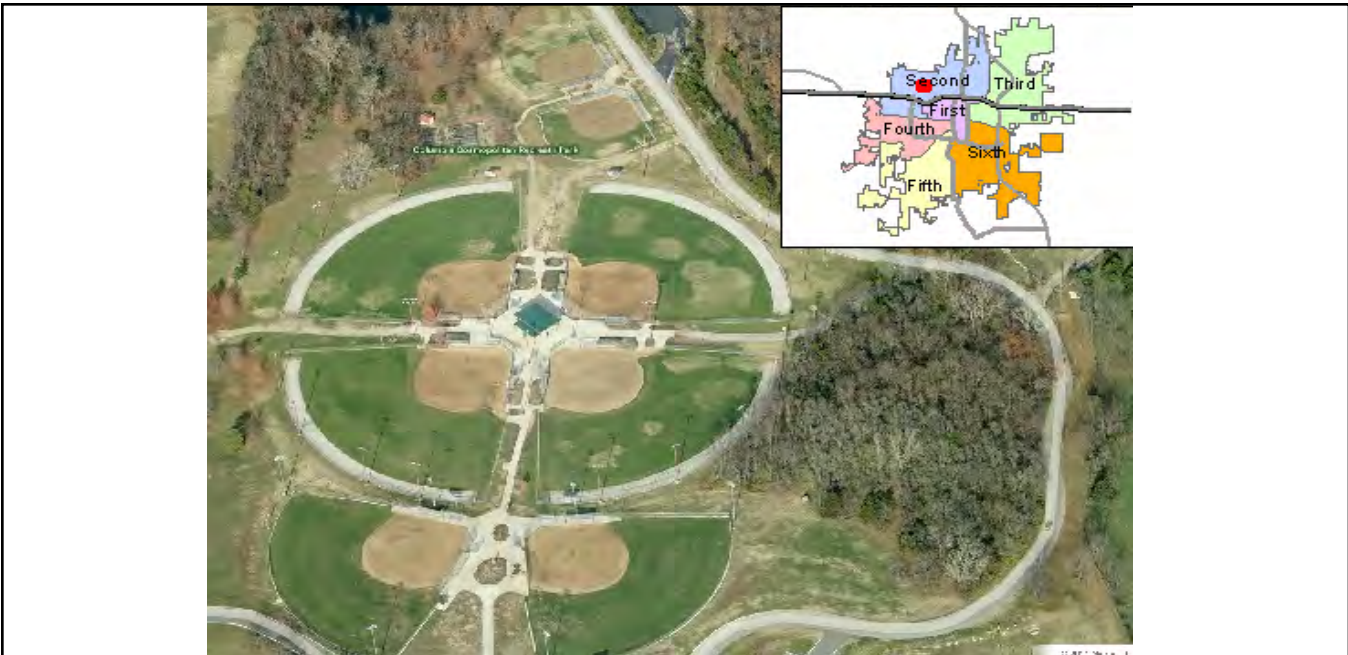
Current Status:
 Project to enlarge dugouts and replace all fencing on original four fields. Funds will also be used to install irrigation on the four fields surrounding the concession staff. Remaining funds to be used for ADA walkway improvements, teeball improvements and other necessary improvements.

Factors Effecting Timing/Completion of Project:

Eligible Funding Sources:
 Parks Sales Tax, RSR

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2018	Park Sales Tax	\$450,000
		\$450,000



Clary-Shy Community Park Improvements

Description:
 Improvements to the park include potential improvements to the Activity and Recreation Center and the Columbia Farmers Market.

Ward	Begin Design	Begin Construction
1	2017	2018
Eligible for Percent for Arts?		No
Current Funding Request:		\$400,000
Total Appropriated:		\$0
Total City Project Cost:		\$400,000
Est. Project Balance: 09/30/2016		\$0

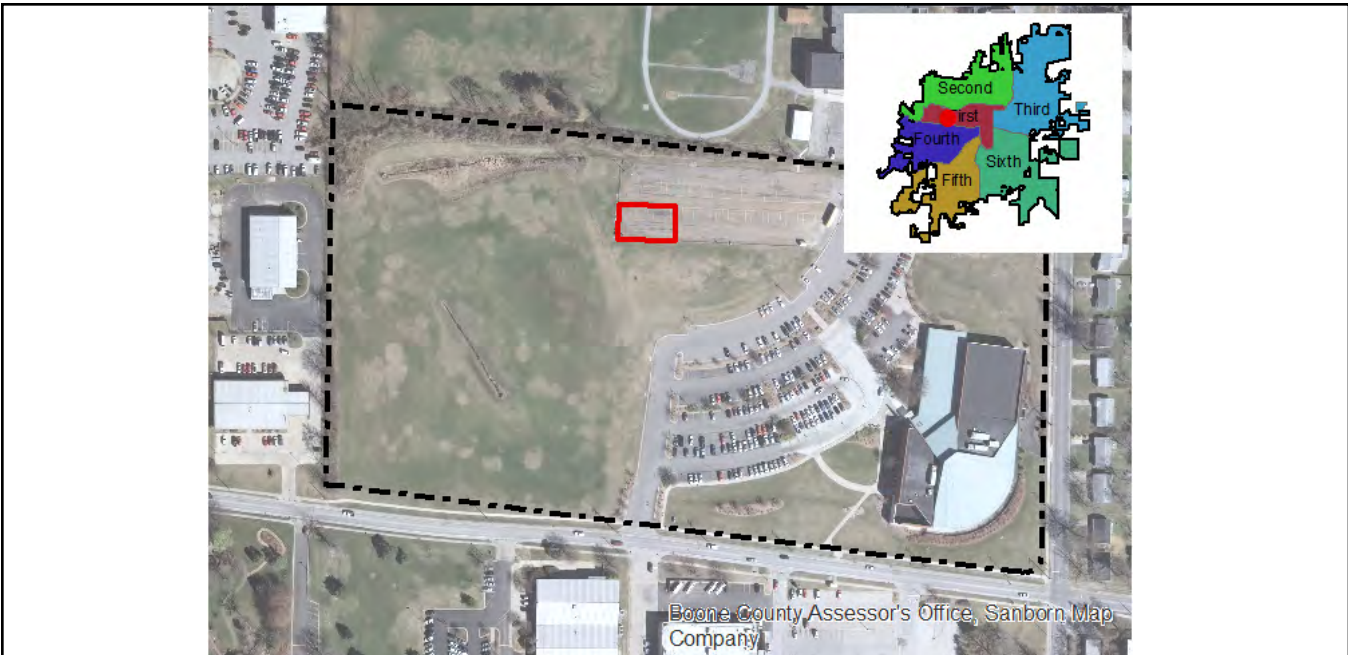
Current Status:
 Improvements to the park include potential ARC improvements and to the Columbia Farmers Market. Park staff will hold multiple interested parties meetings to discuss potential park improvements. FY18 \$200k & FY19 \$200k

Factors Effecting Timing/Completion of Project:

Eligible Funding Sources:
 Park Sales Tax

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2018	Park Sales Tax	\$200,000
2019	Park Sales Tax	\$200,000
		<hr/>
		\$400,000



Clyde Wilson Park Improvements

Description:
Improvements to the park including park entry beautification, bike racks, trail improvements and signage additions.

Ward	Begin Design	Begin Construction
6	2017	2018
Eligible for Percent for Arts?		No
Current Funding Request:		\$50,000
Total Appropriated:		\$0
Total City Project Cost:		\$50,000
Est. Project Balance: 09/30/2016		\$0

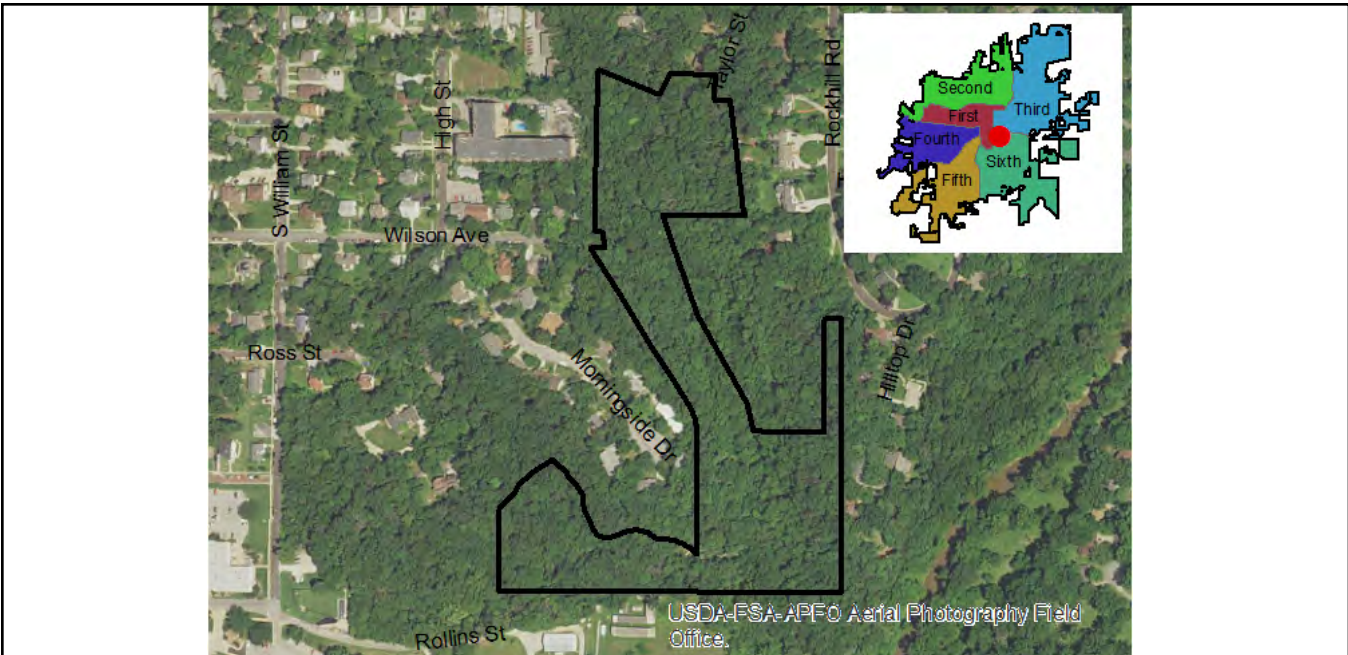
Current Status:
Improvements to the park will include park entry beautification, bike racks, trail improvements and signage additions.

Factors Effecting Timing/Completion of Project:

Eligible Funding Sources:
Park Sales Tax

Master Plan:
Parks, Recreation and Open Sapce

FY	Eligible Funding Sources	Amount
2018	Park Sales Tax	\$50,000
		<u>\$50,000</u>



**Cosmo Rec Area: Athletic Field Lighting
00665**

Description:
Installation of lighting on two athletic fields at Columbia Cosmopolitan Recreation Area and installation of Musco Control Link on fields #4 & #5.

Ward	Begin Design	Begin Construction
2	2016	2017
Eligible for Percent for Arts?		No
Current Funding Request:		\$0
Total Appropriated:		\$200,000
Total City Project Cost:		\$200,000
Est. Project Balance: 09/30/2016		\$200,000

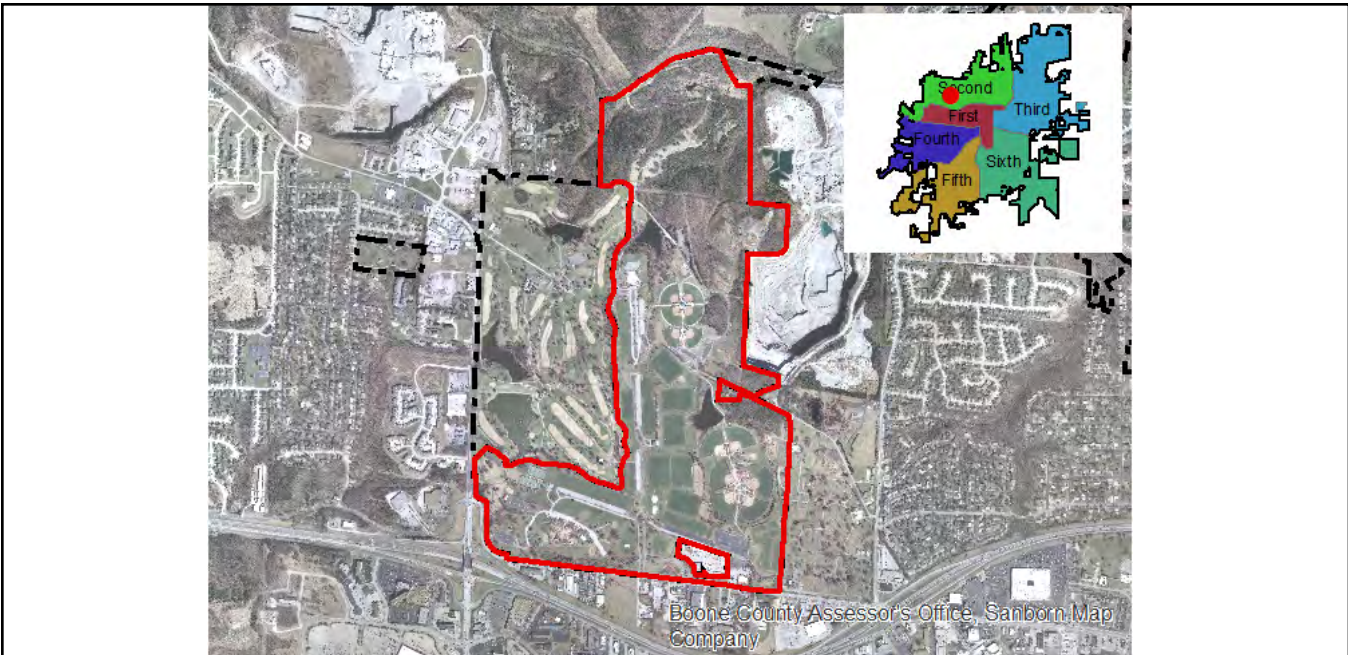
Current Status:
Install lights on two full-size athletic fields at Cosmo Park to extend hours of field use and create multi-sport athletic fields. Current plans will be to add lighting on football field #4 and soccer field #3. Project will utilize Musco green technology and control link commands for staff control of lighting

Factors Effecting Timing/Completion of Project:

Eligible Funding Sources:
Park Sales Tax

Master Plan:
Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2017	Park Sales Tax	\$200,000
		\$200,000



Cosmo Rec Area: Bocce Courts 00666

Description:
 Project will include the construction of 4 to 6 regulation bocce courts at Columbia Cosmopolitan Recreation Area. Project will include necessary ADA walkways to access courts.

Ward	Begin Design	Begin Construction
2	2017	2017
Eligible for Percent for Arts?		No
Current Funding Request:		\$0
Total Appropriated:		\$25,000
Total City Project Cost:		\$25,000
Est. Project Balance: 09/30/2016		\$25,000

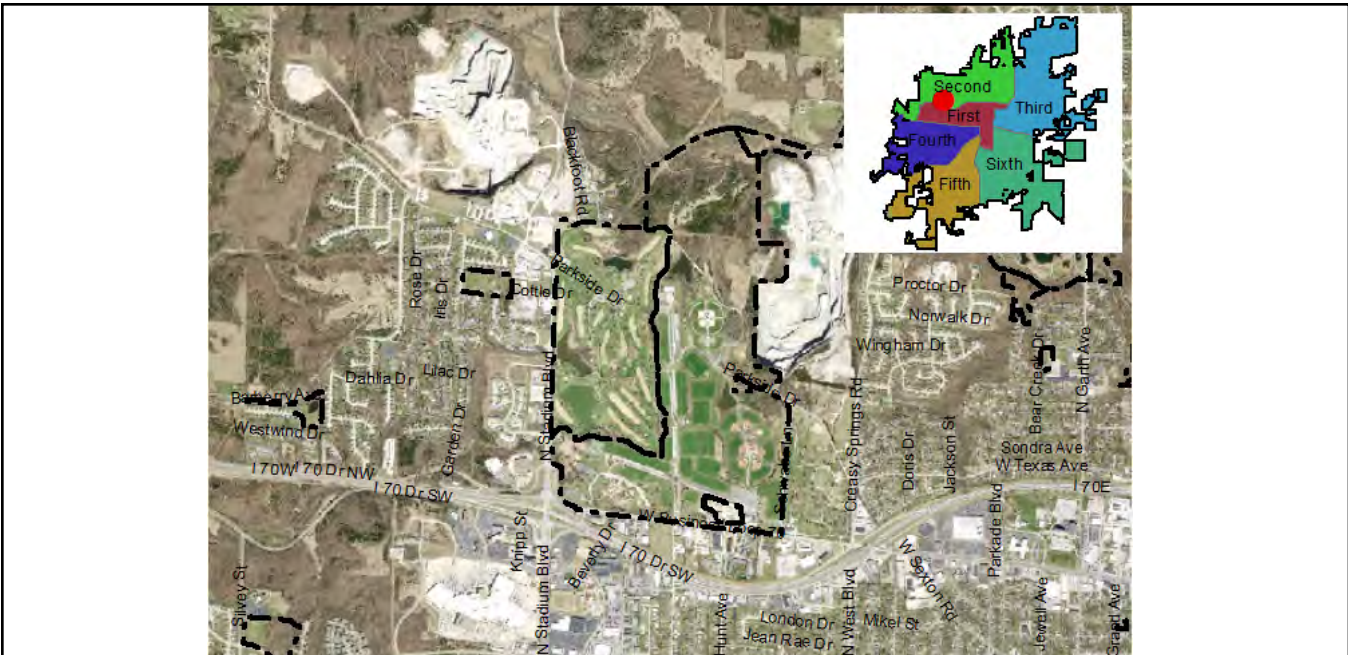
Current Status:
 Project will include the construction of 4 to 6 regulation bocce courts at Columbia Cosmopolitan Recreation Area. Construction of the courts will include necessary ADA walkways to access courts. \$25,000 in funding is from the 2015 PST Annual Park Improvement - Major Maintenance account.

Factors Effecting Timing/Completion of Project:
 FY 2017 Annual Park Improvement Project

Eligible Funding Sources:
 Park Sales Tax

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2017	Park Sales Tax	\$25,000
		\$25,000



**Cosmo Rec Area: Rainbow Softball Center
RS086**

Description:
Park staff will complete renovations to the concession stand and restrooms at Rainbow Softball Center located in Columbia Cosmopolitan Recreation Area. Improvements will include renovated restrooms, concession area, shade and additional storage.

Ward	Begin Design	Begin Construction
2	2016	2018
Eligible for Percent for Arts?		No
Current Funding Request:		\$100,000
Total Appropriated:		\$0
Total City Project Cost:		\$100,000
Est. Project Balance: 09/30/2016		\$0

Current Status:
Park staff will complete renovations to the concession stand and restrooms at Rainbow Softball Center located in Columbia Cosmopolitan Recreation Area. Improvements will include renovated restrooms, concession area, shade and additional storage.

Factors Effecting Timing/Completion of Project:
Renovations to the building must be completed between November 1 and April 1 to avoid interruptions to concession operations for league and tournament play.

Eligible Funding Sources:
Recreation Services User Fee Fund

Master Plan:
Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2018	RSR	\$100,000
		\$100,000



Indian Hills Park Improvements 00667

Description:
 Improvements to the park including restroom and playground renovations. Other improvements could include improvements to the walking trail and disc golf course.

Ward	Begin Design	Begin Construction
3	2016	2017
Eligible for Percent for Arts?		No
Current Funding Request:		\$0
Total Appropriated:		\$100,000
Total City Project Cost:		\$100,000
Est. Project Balance: 09/30/2016		\$100,000

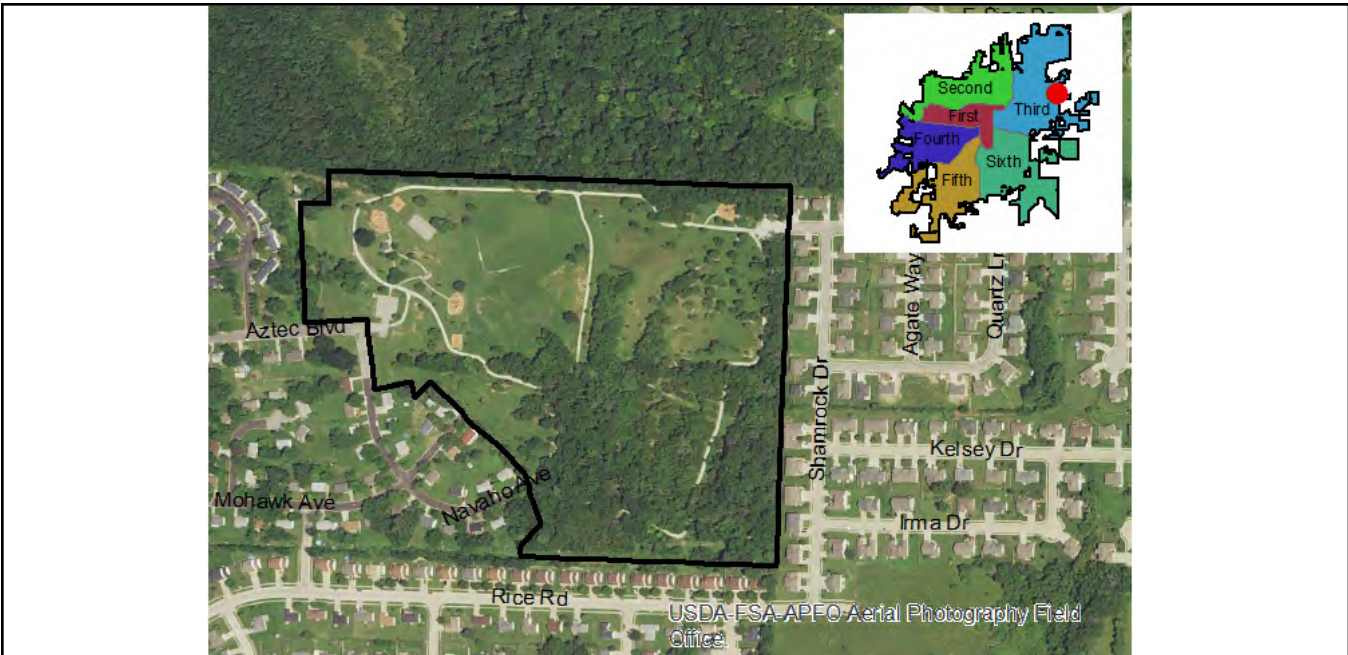
Current Status:
 Improvements to the park will include restroom and playground renovations. Other improvements could include improvements to the walking trail and disc golf course.

Factors Effecting Timing/Completion of Project:

Eligible Funding Sources:
 Park Sales Tax

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2017	Park Sales Tax	\$100,000
		\$100,000



LOW Driving Range Construction RS085

Description:
 Construction of a driving range on 15 acres of land on the north side of the existing golf course. Construction will include grading, tee construction, irrigation and cart path installation.

Ward	Begin Design	Begin Construction
3	2017	2017
Eligible for Percent for Arts?		No
Current Funding Request:		\$0
Total Appropriated:		\$70,000
Total City Project Cost:		\$70,000
Est. Project Balance: 09/30/2016		\$70,000

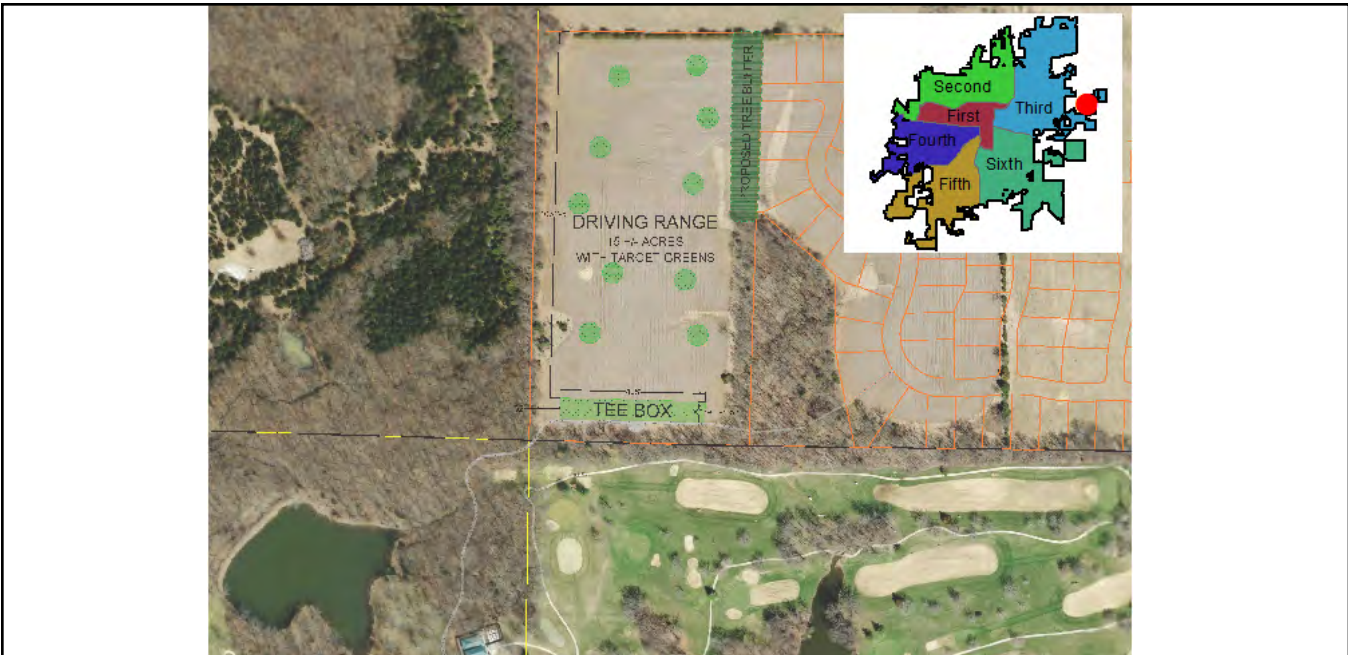
Current Status:
 FY17 GCIF Project to include construction of a driving range on 15 acres of land adjacent to the golf course. Construction will include grading, tee construction, irrigation and cart path installation. The addition of the driving range will potentially increase annual revenues at LOW by \$30,000 TO \$35,000. The driving range will also allow LOW to be a full-service golf facility for tournaments, groups and daily play.

Factors Effecting Timing/Completion of Project:
 Purchase of property must be completed before staff can proceed with construction.

Eligible Funding Sources:
 GCIF

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2017	GCIF	\$70,000
		\$70,000



**Norma Sutherland Smith Park: Phase II
00669**

Description:
Second phase of development to complete or significantly accomplish final park master plan.

Ward	Begin Design	Begin Construction
3	2016	2017
Eligible for Percent for Arts?		No
Current Funding Request:		\$0
Total Appropriated:		\$225,000
Total City Project Cost:		\$225,000
Est. Project Balance: 09/30/2016		\$225,000

Current Status:
9/12/16: IP Meeting for Phase II held on 9/8/16 at Alpha Hart Lewis Elementary School. Park Planning Staff updated residents with current construction status and revised plans.

Factors Effecting Timing/Completion of Project:

Eligible Funding Sources:
Park Sales Tax

Master Plan:
Parks, Recreation & Open Space

FY	Eligible Funding Sources	Amount
2017	Park Sales Tax	\$225,000
		\$225,000



Southeast Regional Park Tennis Complex

Description:
Initial development of a four-court tennis complex located at Gans Creek Recreation Area or Philips Lake Park with future additional courts.

Ward	Begin Design	Begin Construction
6	2017	2018
Eligible for Percent for Arts?		No
Current Funding Request:		\$250,000
Total Appropriated:		\$0
Total City Project Cost:		\$250,000
Est. Project Balance: 09/30/2016		\$0

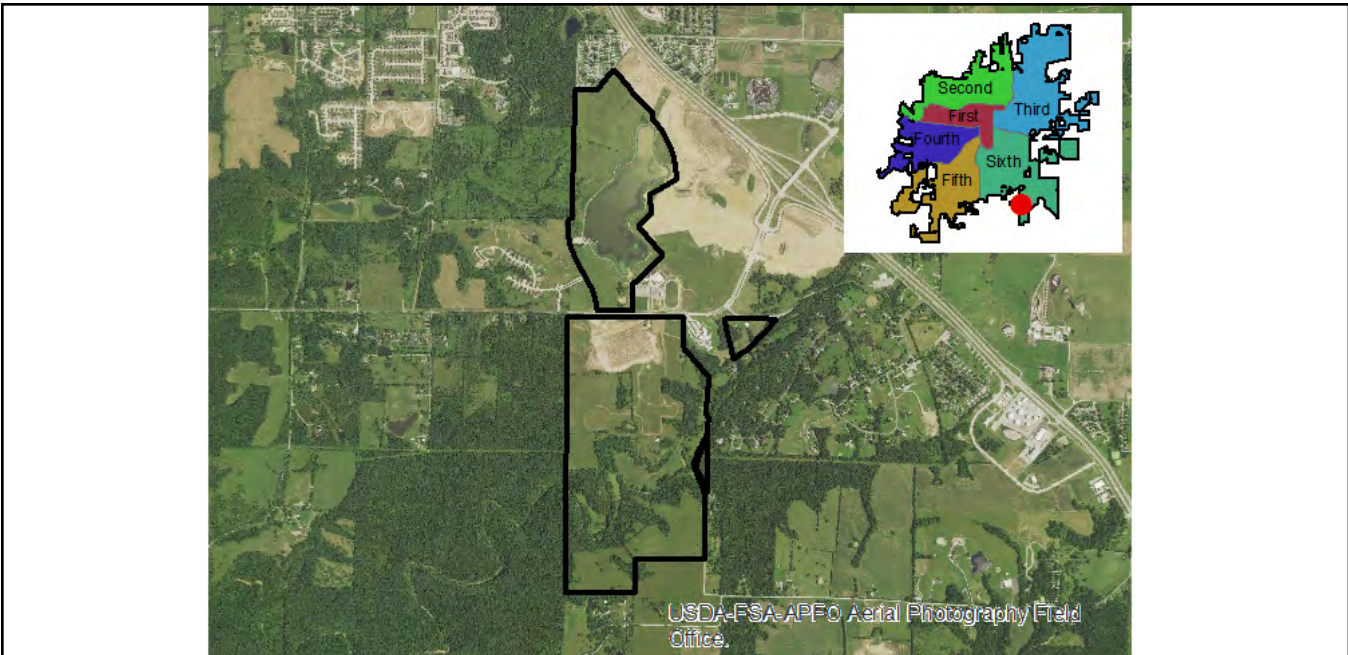
Current Status:
Construction of a four-court tennis complex located at Gans Creek Recreation Area or Philips Lake Park with future additional courts.

Factors Effecting Timing/Completion of Project:

Eligible Funding Sources:
Park Sales Tax

Master Plan:
Parks, Recreation and Open Sapce

FY	Eligible Funding Sources	Amount
2018	Park Sales Tax	\$250,000
		\$250,000



Sports Field House - 00624

Description:
 Construction of an indoor sports field house with a sport flooring suitable for basketball, volleyball, and other hardcourt sports. Proposed location is at Philips Park

Ward	Begin Design	Begin Construction
6	2016	2017
Eligible for Percent for Arts?		No
Current Funding Request:		\$1,820,000
Total Appropriated:		\$2,130,000
Total City Project Cost:		\$3,950,000
Est. Project Balance: 09/30/2016		\$2,130,000

Current Status:
 Project funded by 2015 PST (\$2,700,000), CVB Tourism Fund (\$1,000,000) and possible donation from CYBA (\$250,000). Dollar amount based on 30,000 to 40,000 sq ft facility sized to handle four 90x45 courts plus office space, restrooms, meeting space and storage spaces.

Factors Effecting Timing/Completion of Project:
 Possible partnership with CYBA.

Eligible Funding Sources:
 Parks Sales Tax

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2017	CVB Tourism Dev Fd	\$1,000,000
2018	Donation	\$250,000
2017	Park Sales Tax	\$1,130,000
2018	Park Sales Tax	\$1,570,000
		<hr/>
		\$3,950,000



Twin Lakes Recreation Area: Bathhouse Renov 00670

Description:
 Project will focus on the interior and exterior renovations to the existing bathhouse used by park patrons and Little Mates Cove customers. Renovations will focus on new siding, doors, plumbing fixtures and windows.

Ward	Begin Design	Begin Construction
Citywide	2017	2017
Eligible for Percent for Arts?		No
Current Funding Request:		\$0
Total Appropriated:		\$25,000
Total City Project Cost:		\$25,000
Est. Project Balance: 09/30/2016		\$25,000

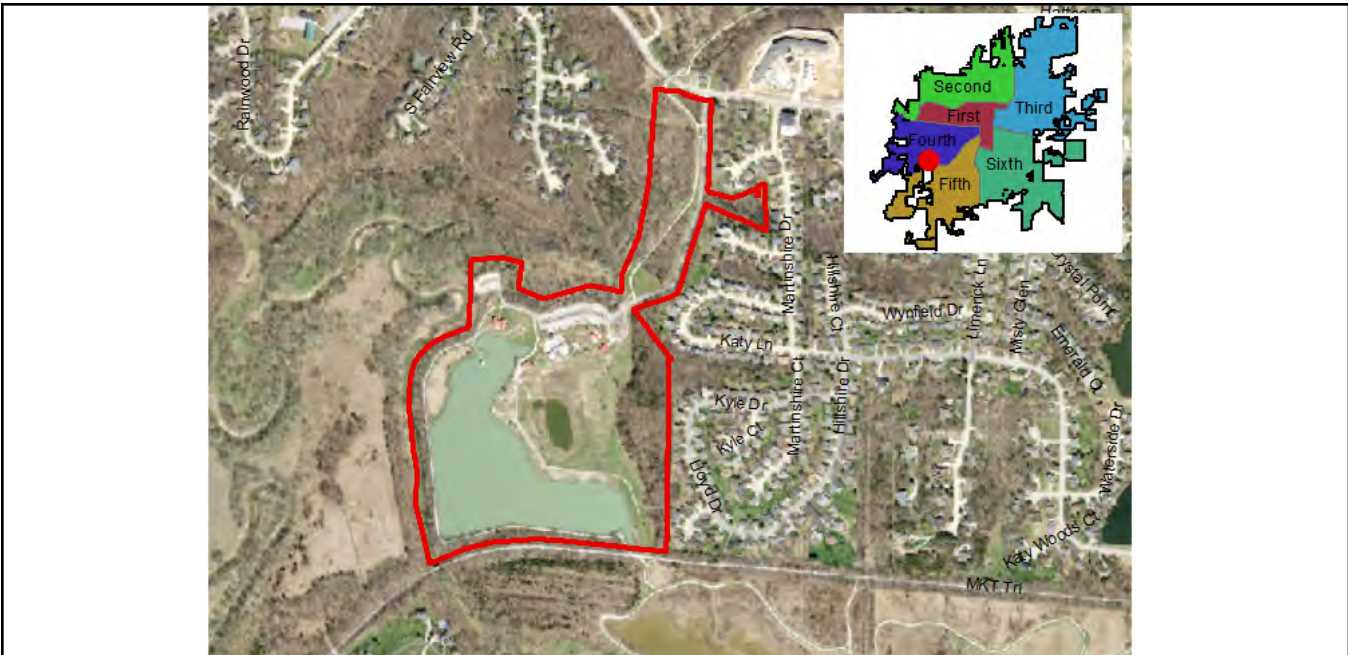
Current Status:
 Project will focus on the interior and exterior renovations to the existing bathhouse used by park patrons and Little Mates Cove customers. Renovations will focus on new siding, doors, plumbing fixtures and windows. \$25,000 in funding is from the 2015 PST Annual Park Improvement - major maintenance account

Factors Effecting Timing/Completion of Project:
 FY 2017 Annual Park Improvement Project

Eligible Funding Sources:
 Park Sales Tax

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2017	Park Sales Tax	\$25,000
		<u>\$25,000</u>



Valleyview Park Improvements 00671

Description:

Renovations at the park including replacement of the playground, walking trail improvements and basketball court asphalt overlay.

Ward	Begin Design	Begin Construction
2	2017	2017
Eligible for Percent for Arts?		No
Current Funding Request:		\$0
Total Appropriated:		\$60,000
Total City Project Cost:		\$60,000
Est. Project Balance: 09/30/2016		\$60,000

Current Status:

Project will focus on renovations at the park including replacement of the playground, walking trail improvements and improvements to the basketball court. \$60,000 in funding is from the 2015 PST Annual Park Improvement - Major Maintenance account.

Factors Effecting Timing/Completion of Project:

FY 2017 Annual Park Improvement Project

Eligible Funding Sources:

Park Sales Tax

FY	Eligible Funding Sources	Amount
2017	Park Sales Tax	\$60,000
		\$60,000

Master Plan:

Parks, Recreation and Open Space



Waters House Renovations 00672

Description:
 Project will include the remaining renovations to the Waters House located at the Waters-Moss Memorial Wildlife Area. Park staff will add ADA accessible restrooms, improve meeting area spaces and replace the exterior siding on the home.

Ward	Begin Design	Begin Construction
6	2017	2017
Eligible for Percent for Arts?		No
Current Funding Request:		\$0
Total Appropriated:		\$50,000
Total City Project Cost:		\$50,000
Est. Project Balance: 09/30/2016		\$50,000

Current Status:
 Project will include the remaining renovations to the Waters House located at the Waters-Moss Memorial Wildlife Area. Park staff will add ADA accessible restrooms, improve meeting area spaces and replace the exterior siding on the home. \$50,000 in funding is from the 2015 PST annual park improvement - major maintenance account.

Factors Effecting Timing/Completion of Project:
 FY 2017 Annual Park Improvement Project

Eligible Funding Sources:
 Park Sales Tax

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2017	Park Sales Tax	\$50,000
		<u>\$50,000</u>



GNM: Clark Lane West, Hinkson Trail/Pedway 00570

Description:
 Install a sidewalk (trail/pedway) on Clark Lane between Eastwood to Paris. Includes a 10' concrete trail connecting Conley Road to Hwy 63 near the Home Depot retail area. Important link allowing bicycle and pedestrian access around the congested Hwy 63/I-70/Clark Lane intersection. It will eventually connect to Stephens Lake Park and downtown.

Ward	Begin Design	Begin Construction
3	2014	2017
Eligible for Percent for Arts?		No
Current Funding Request:		\$662,700
Total Appropriated:		\$302,625
Total City Project Cost:		\$965,325
Est. Project Balance: 09/30/2016		\$41,326

Current Status:
 10/13/16: Working on final PS&E to submit to MoDOT for review.

Factors Effecting Timing/Completion of Project:
 Weather

Eligible Funding Sources:
 Non-Motorized Grant

Master Plan:
 None

FY	Eligible Funding Sources	Amount
2017	PYA Non-Motor Grant	\$662,700
		\$662,700



GNM: County House Trl/Pedway Phase 2 West - 00569

Description:

Trail/pedway extending County House Trail from the current terminus at the Stadium/College Park intersection west passing a private Swim Club and continuing north on City alley right-of-way along a tributary creek to Rollins Ave.

Ward	Begin Design	Begin Construction
4	2016	2017
Eligible for Percent for Arts?		No
Current Funding Request:		\$0
Total Appropriated:		\$295,000
Total City Project Cost:		\$295,000
Est. Project Balance: 09/30/2016		\$294,953

Current Status:

10/13/16: Working on final design.

Factors Effecting Timing/Completion of Project:

Funding, Weather and easements

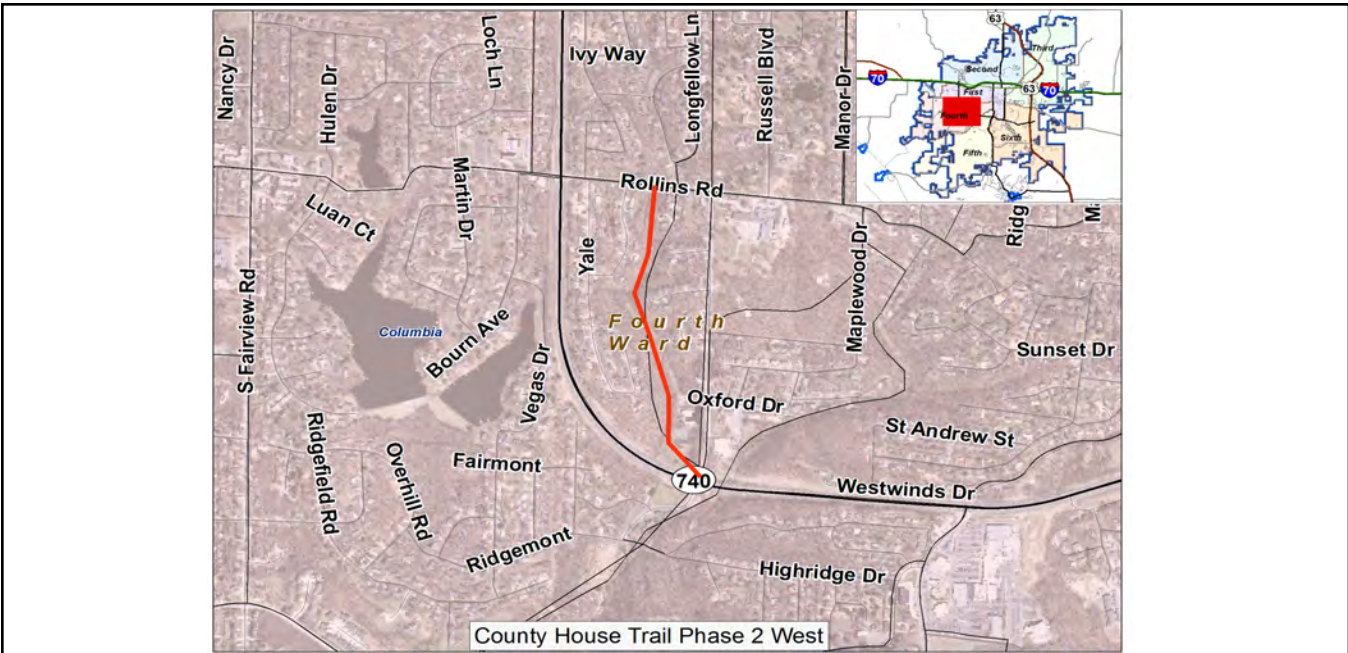
Eligible Funding Sources:

Non-motorized grant

Master Plan:

2008 GetAbout Plan; 2010 Trails Master Plan

FY	Eligible Funding Sources	Amount



GNM: Shepard to Rollins Trail/Pedway 00572

Description:
Study and install a trail/pedway from Shepard Neighborhood area to Rollins Road

Ward	Begin Design	Begin Construction
6	2014	2017
Eligible for Percent for Arts?		No
Current Funding Request:		\$0
Total Appropriated:		\$210,870
Total City Project Cost:		\$210,870
Est. Project Balance: 09/30/2016		\$6,703

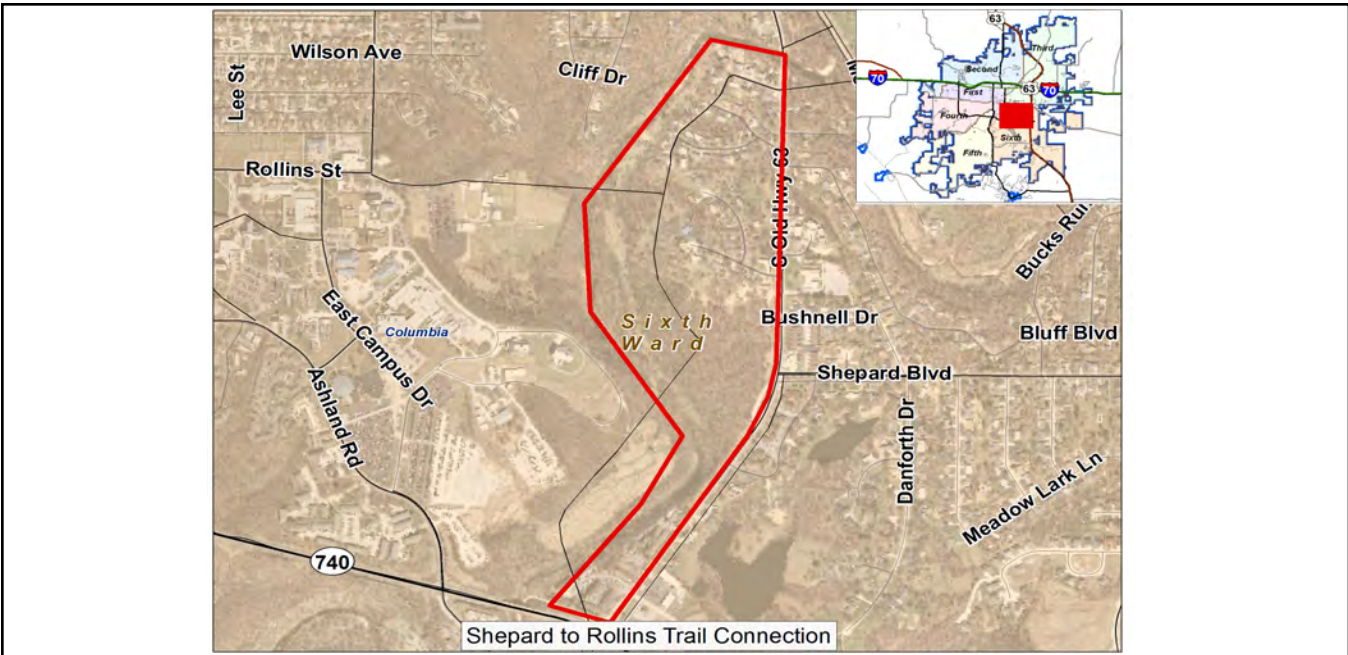
Current Status:
10/13/16: Consultant working on revisions to preliminary plans for MoDOT submittal.

Factors Effecting Timing/Completion of Project:
Weather

Eligible Funding Sources:
Non-Motorized Grant

Master Plan:
None

FY	Eligible Funding Sources	Amount



MKT Bridge Replacements: #2 & 8 - 00674

Description:
 Replace wooden bridges #2 & 8 on the MKT Trail. These are two of the four the priority bridge replacements as recommended by the May 2013 MKT Bridge Engineering Study and Report.

Ward	Begin Design	Begin Construction
4,5	2016	2017
Eligible for Percent for Arts?		No
Current Funding Request:		\$0
Total Appropriated:		\$230,000
Total City Project Cost:		\$230,000
Est. Project Balance: 09/30/2016		\$230,000

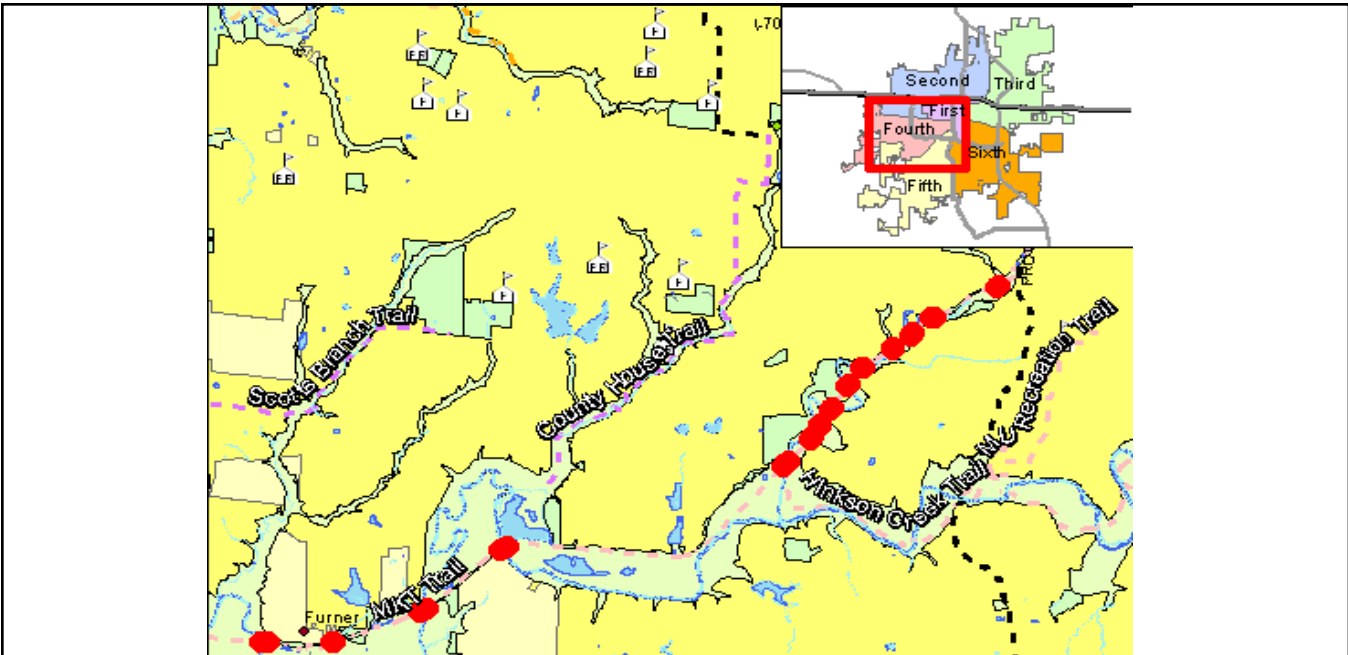
Current Status:
 Funding dependent on future ballot. An engineering study was completed in May 2013 to assess the condition of the bridges on the MKT Trail. Four of the bridges were found to have deteriorating substructures, restricting their load limits. This project will replace two of the four bridges identified for replacement. The other two bridges will be set up as a separate project.

Factors Effecting Timing/Completion of Project:

Eligible Funding Sources:
 Parks Sales Tax

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2017	Park Sales Tax	\$230,000
		\$230,000

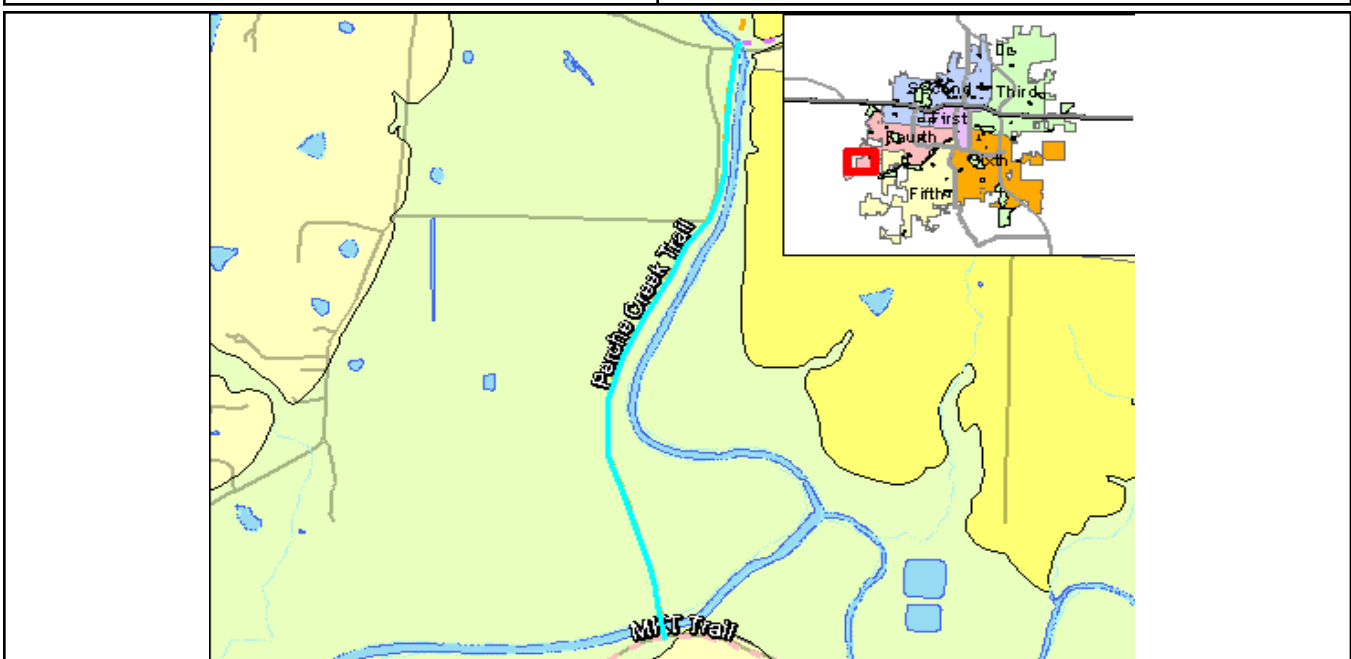


<p>Perche Creek Trail Ph I: MKT to Gillespie Bridge</p> <p>Description: Construct Perche Creek Trail from MKT to Gillespie Bridge Road. Construction of the trail includes a bridge near the MKT Trail to get to the west side of Perche Creek. Cost estimates based on concrete surface.</p>	Ward	Begin Design	Begin Construction
	4,5	2018	2018
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$1,200,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$1,200,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
Construction of the Perche Creek Trail from MKT Trail to Gillespie Bridge Road. Project is funded over three years with \$180k 2018, \$500K 2019 and \$520k 2020. FY18 funding will allow for engineering design and finalization of plans.

Factors Effecting Timing/Completion of Project:

<p>Eligible Funding Sources: Park Sales Tax, Grants</p> <p>Master Plan: Parks, Recreation and Open Space</p>	FY	Eligible Funding Sources	Amount
	2018	Park Sales Tax	\$180,000
	2019	Park Sales Tax	\$500,000
	2020	Park Sales Tax	\$520,000
			\$1,200,000



Again Street Park Improvements

Description:
Improvements to the park including baseball field renovations, playground replacement and other general park improvements.

Ward	Begin Design	Begin Construction
1	2020	2021
Eligible for Percent for Arts?		No
Current Funding Request:		\$100,000
Total Appropriated:		\$0
Total City Project Cost:		\$100,000
Est. Project Balance: 09/30/2016		\$0

Current Status:
Unfunded. Improvements to the park including baseball field renovations, playground replacement and other general park improvements.

Factors Effecting Timing/Completion of Project:

Eligible Funding Sources:
Park Sales Tax

Master Plan:
Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2021	Park Sales Tax	\$100,000
		\$100,000



Battle Park Phase I Development

Description:
Develop park property next to Battle High School

Ward	Begin Design	Begin Construction
3	2020	2021
Eligible for Percent for Arts?		No
Current Funding Request:		\$320,000
Total Appropriated:		\$0
Total City Project Cost:		\$320,000
Est. Project Balance: 09/30/2016		\$0

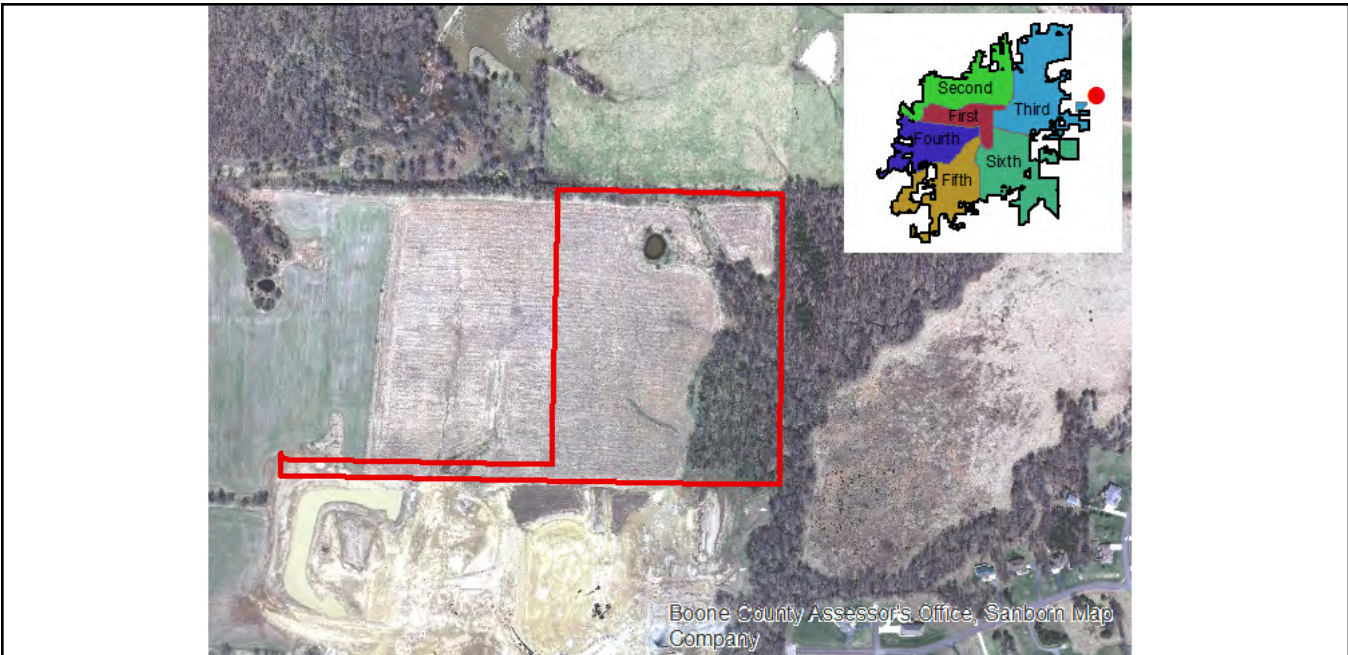
Current Status:
Project scheduled for 2021.

Factors Effecting Timing/Completion of Project:

Eligible Funding Sources:
Park Sales Tax

Master Plan:
Parks, Recreation and Open Space Master Plan

FY	Eligible Funding Sources	Amount
2020	Park Sales Tax	\$70,000
2021	Park Sales Tax	\$250,000
		<u>\$320,000</u>



Cosmo Rec Area: Parks Mgmt Center Improvements

Description:

Renovation of facilities at the Cosmo Park Management Center including new roof, storage sheds, office improvements and paving of storage lot.

Ward	Begin Design	Begin Construction
2	2019	2020
Eligible for Percent for Arts?		No
Current Funding Request:		\$200,000
Total Appropriated:		\$0
Total City Project Cost:		\$200,000
Est. Project Balance: 09/30/2016		\$0

Current Status:

Projects at Cosmo PMC include repair PMC roof (\$30k), cover equip areas (\$60k), water station improvements (\$10k), wood shop & office improvements (\$50k), and pave existing storage area (\$50k).

Factors Effecting Timing/Completion of Project:

Eligible Funding Sources:

Park Sales Tax

FY	Eligible Funding Sources	Amount
2020	Park Sales Tax	\$100,000
2021	Park Sales Tax	\$100,000
		<u>\$200,000</u>

Master Plan:

Parks, Recreation and Open Space



Parks Management Center

Cosmo-Bethel Park Improvements

Description:
 Improvements to the park including baseball field renovations, parking and sidewalk improvements and sign replacement at the entrance to the park.

Ward	Begin Design	Begin Construction
5	2019	2020
Eligible for Percent for Arts?		No
Current Funding Request:		\$125,000
Total Appropriated:		\$0
Total City Project Cost:		\$125,000
Est. Project Balance: 09/30/2016		\$0

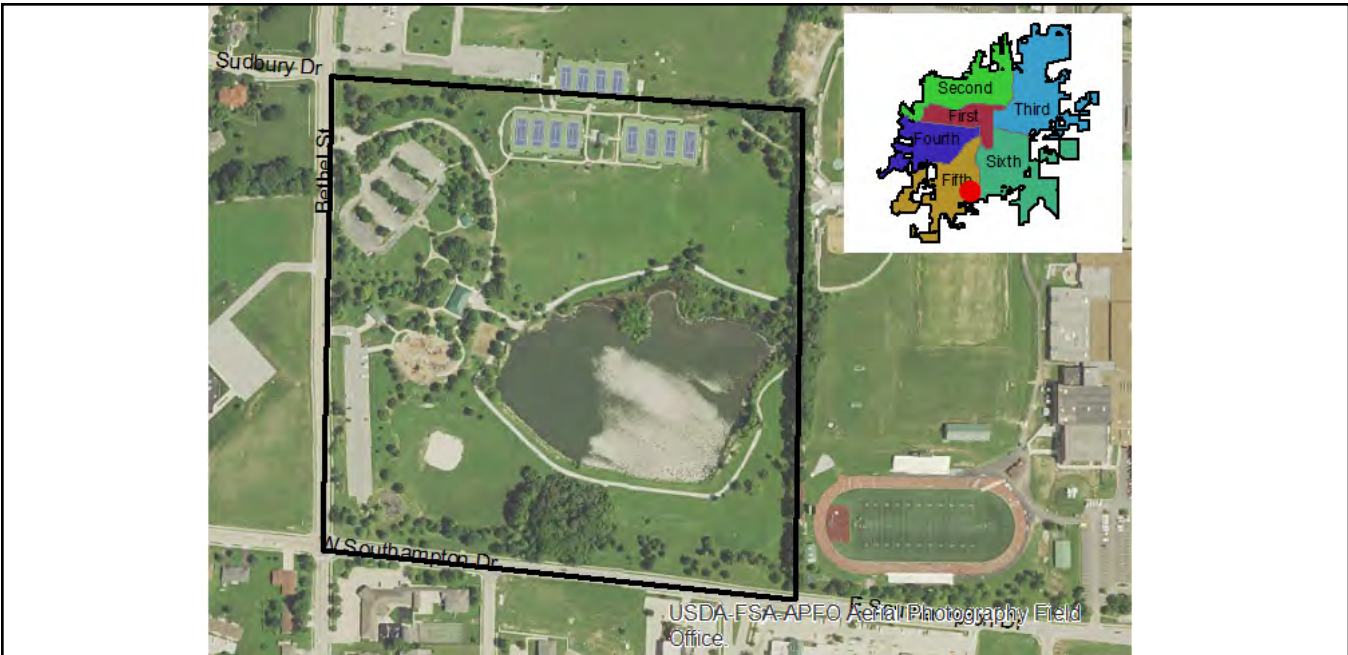
Current Status:
 Funding dependent on future ballot. Improvements will include parking and sidewalk improvements, baseball field renovations and sign replacement.

Factors Effecting Timing/Completion of Project:

Eligible Funding Sources:
 Park Sales Tax

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2020	Park Sales Tax	\$125,000
		\$125,000



Fairview Park/Bonnie View: Phase II Improvements

Description:
 Second phase development of Bonnie View Park and Fairview Park including construction of wetland cells, playground, forest restoration and misc. park improvements

Ward	Begin Design	Begin Construction
4	2020	2021
Eligible for Percent for Arts?		No
Current Funding Request:		\$125,000
Total Appropriated:		\$0
Total City Project Cost:		\$125,000
Est. Project Balance: 09/30/2016		\$0

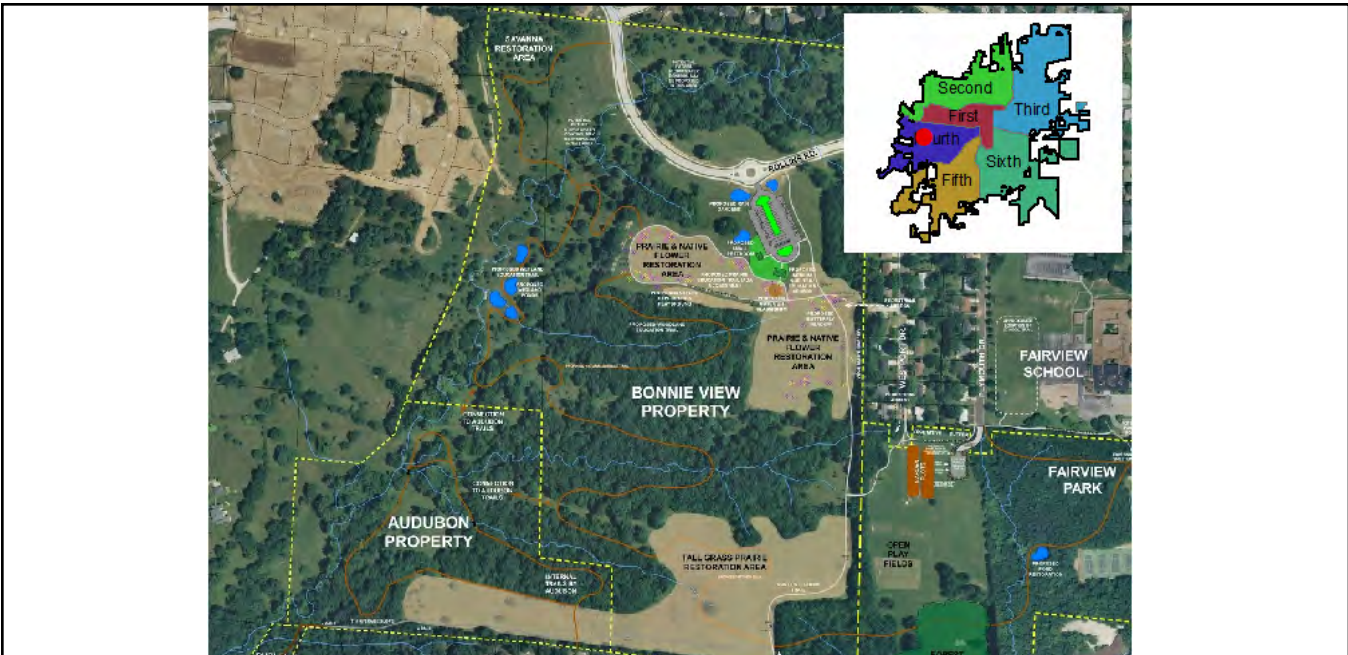
Current Status:
 Project funds will include development of wetland cells at Bonnie View, playground at Bonnie View, Fairview forest restoration project and other misc. park improvements.

Factors Effecting Timing/Completion of Project:

Eligible Funding Sources:
 Park Sales Tax

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2021	Park Sales Tax	\$125,000
		\$125,000



Kiwanis Park Improvements

Description:
Renovation of Kiwanis Park including shelter improvements and investigate options for adding a playground.

Ward	Begin Design	Begin Construction
4	2018	2019
Eligible for Percent for Arts?		No
Current Funding Request:		\$125,000
Total Appropriated:		\$0
Total City Project Cost:		\$125,000
Est. Project Balance: 09/30/2016		\$0

Current Status:
Unfunded. Staff refinished Kiwanis Park shelters in 2010. Other development options include creating space to add a playground and improve the trail.

Factors Effecting Timing/Completion of Project:
Funding is dependent on future ballot.

Eligible Funding Sources:
Future ballot issue-Park Sales Tax

Master Plan:
Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2019	Park Sales Tax	\$125,000
		\$125,000



Lions-Stephens Park Improvements 00668

Description:
 Project includes the replacement of the existing shelter, playground and playground safety surface, misc park improvements and installation of two single table picnic shelters.

Ward	Begin Design	Begin Construction
3	2018	2019
Eligible for Percent for Arts?		No
Current Funding Request:		\$100,000
Total Appropriated:		\$0
Total City Project Cost:		\$100,000
Est. Project Balance: 09/30/2016		\$0

Current Status:
 Project includes replacing the existing shelter (\$20k), playground (\$60k), misc park improvements (\$5k) and installation of two single table picnic shelters (\$15k)

Factors Effecting Timing/Completion of Project:

Eligible Funding Sources:
 Park Sales Tax, CDBG

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2019	Park Sales Tax	\$100,000
		\$100,000



Magnolia Falls Neighborhood Park Development

Description:
 Develop a neighborhood park on the 16 acre property located at 4820 S. Old Mill Creek Road.

Ward	Begin Design	Begin Construction
5	2018	2019
Eligible for Percent for Arts?		No
Current Funding Request:		\$125,000
Total Appropriated:		\$0
Total City Project Cost:		\$125,000
Est. Project Balance: 09/30/2016		\$0

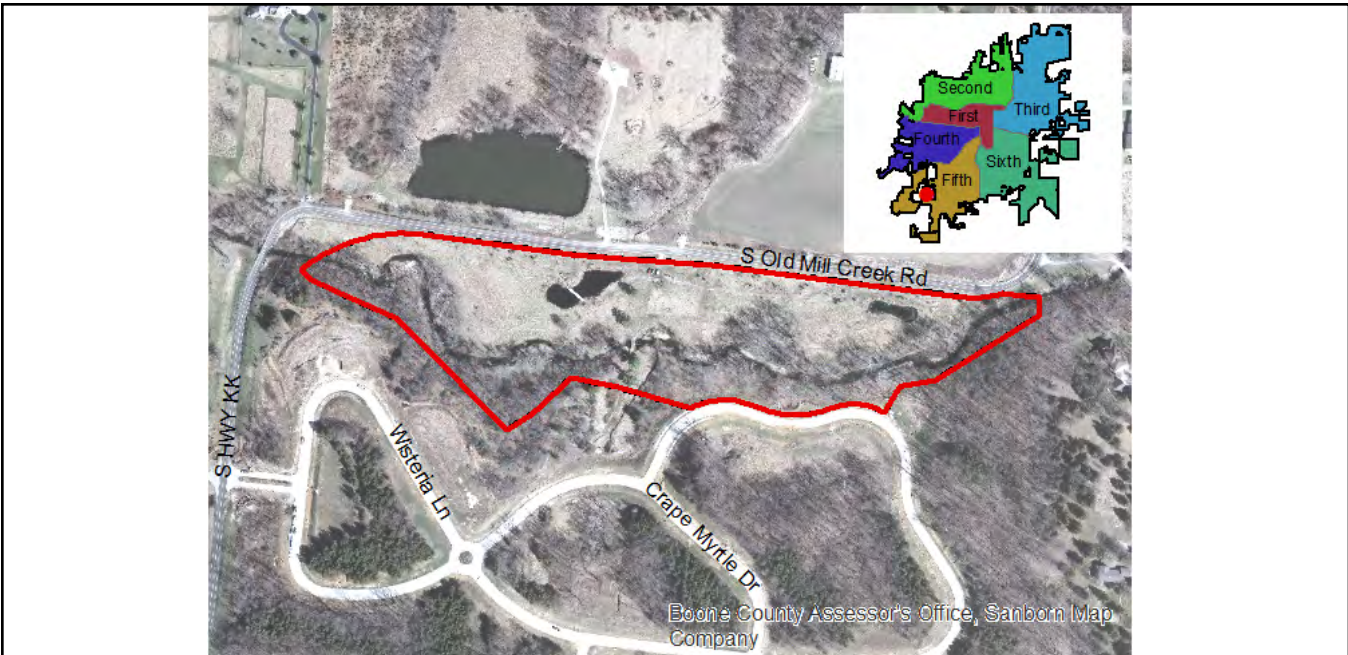
Current Status:
 Property donated to the Parks and Recreation Department in 2013. Site would be an ideal location for a neighborhood park in Ward 5.

Factors Effecting Timing/Completion of Project:

Eligible Funding Sources:
 Future Ballot Issue

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2019	Park Sales Tax	\$125,000
		\$125,000



MKT Wetlands/Forum Nature Area Restoration

Description:
Expansion of the Hinkson Creek wetlands at MKT Bridge 12 and restoration of the Forum Nature Area.

Ward	Begin Design	Begin Construction
5	2020	2021
Eligible for Percent for Arts?		No
Current Funding Request:		\$80,000
Total Appropriated:		\$0
Total City Project Cost:		\$80,000
Est. Project Balance: 09/30/2016		\$0

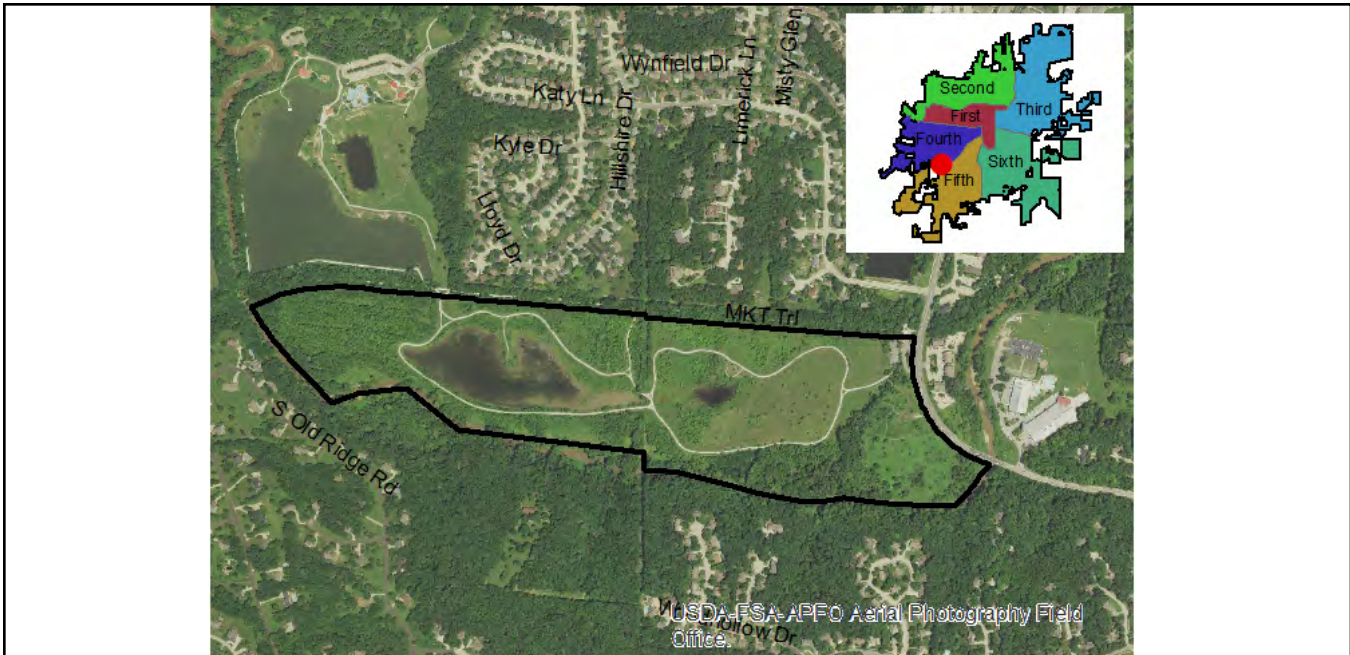
Current Status:
Potential improvements include the expansion of the Hinkson Creek wetlands at MKT Bridge 12 and restoration of the Forum Nature Area.

Factors Effecting Timing/Completion of Project:

Eligible Funding Sources:
Park Sales Tax

Master Plan:
Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2021	Park Sales Tax	\$80,000
		\$80,000



Oakwood Hills Park Improvements

Description:
Renovation of park including playground and safety surfacing, fitness equipment, bridges, trails and construction of a new small picnic shelter.

Ward	Begin Design	Begin Construction
5	2018	2019
Eligible for Percent for Arts?		No
Current Funding Request:		\$125,000
Total Appropriated:		\$0
Total City Project Cost:		\$125,000
Est. Project Balance: 09/30/2016		\$0

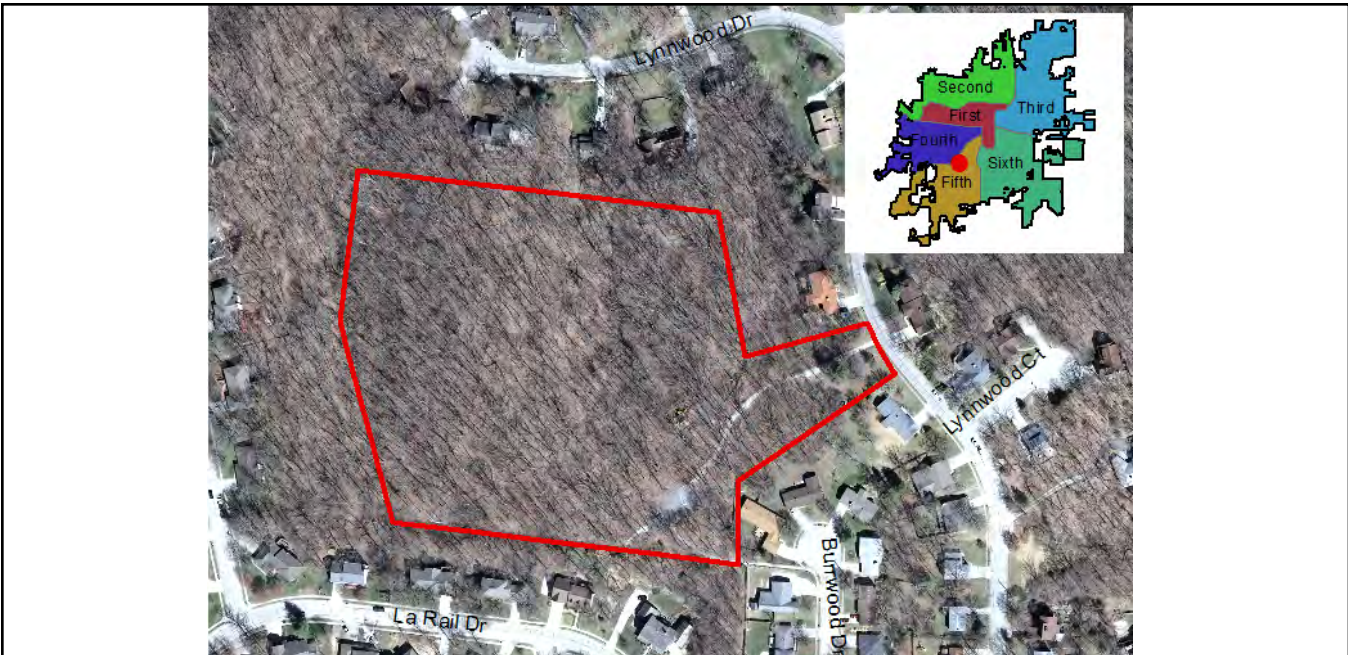
Current Status:
Projects include replace playground (\$25k) and safety surfacing (\$25k), fitness equipment (\$15k), bridge repairs/replacement (\$15k), convert gravel trails to concrete (\$24k) and construct a new small shelter (\$40k).

Factors Effecting Timing/Completion of Project:

Eligible Funding Sources:
Park Sales Tax

Master Plan:
Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2019	Park Sales Tax	\$125,000
		\$125,000



Philips Park Improvements

Description:
 Construction of a 300-person rental facility similar to Riechmann Pavilion at Stephens Lake Park. Construction will also include necessary parking for the facility.

Ward	Begin Design	Begin Construction
6	2018	2019
Eligible for Percent for Arts?		No
Current Funding Request:		\$800,000
Total Appropriated:		\$0
Total City Project Cost:		\$800,000
Est. Project Balance: 09/30/2016		\$0

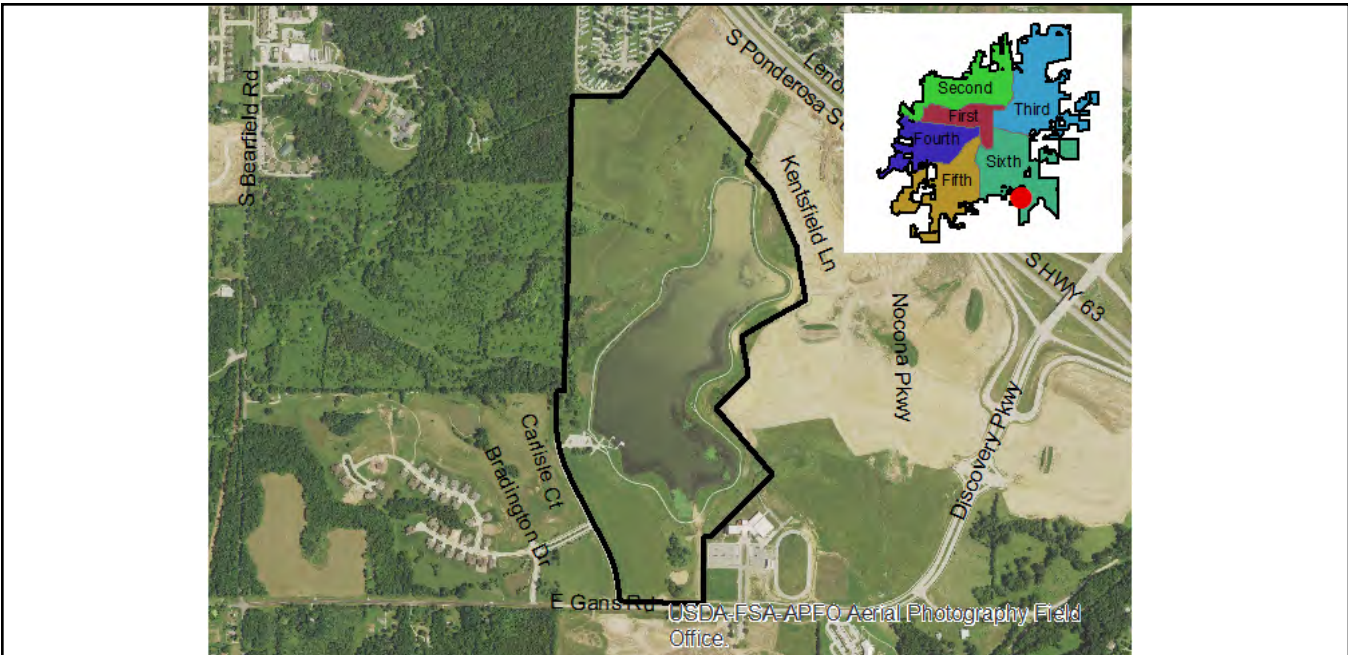
Current Status:
 Project plans include a rental facility and parking.

Factors Effecting Timing/Completion of Project:

Eligible Funding Sources:
 Park Sales Tax

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2019	Park Sales Tax	\$800,000
		\$800,000



Rock Bridge Park Improvements

Description:
 Project includes renovation of the shelter, playground, and play field.

Ward	Begin Design	Begin Construction
5	2019	2020
Eligible for Percent for Arts?		No
Current Funding Request:		\$125,000
Total Appropriated:		\$0
Total City Project Cost:		\$125,000
Est. Project Balance: 09/30/2016		\$0

Current Status:
 Concept. Project includes shelter replacement (\$40,000), renovate playground (\$25,000), add synthetic surface to playground (\$25,000), improvements to play field and backstop (\$10,000) and misc park improvements (\$15,000).

Factors Effecting Timing/Completion of Project:

Eligible Funding Sources:
 Park Sales Tax

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2020	Park Sales Tax	\$125,000
		\$125,000



Strawn Park: Phase II

Description:
Phase II improvements at Strawn Park could include road construction, additional parking, shelter, playground, additional 18-hole disc golf course and completion of practice soccer fields.

Ward	Begin Design	Begin Construction
4	2019	2020
Eligible for Percent for Arts?		No
Current Funding Request:		\$200,000
Total Appropriated:		\$0
Total City Project Cost:		\$200,000
Est. Project Balance: 09/30/2016		\$0

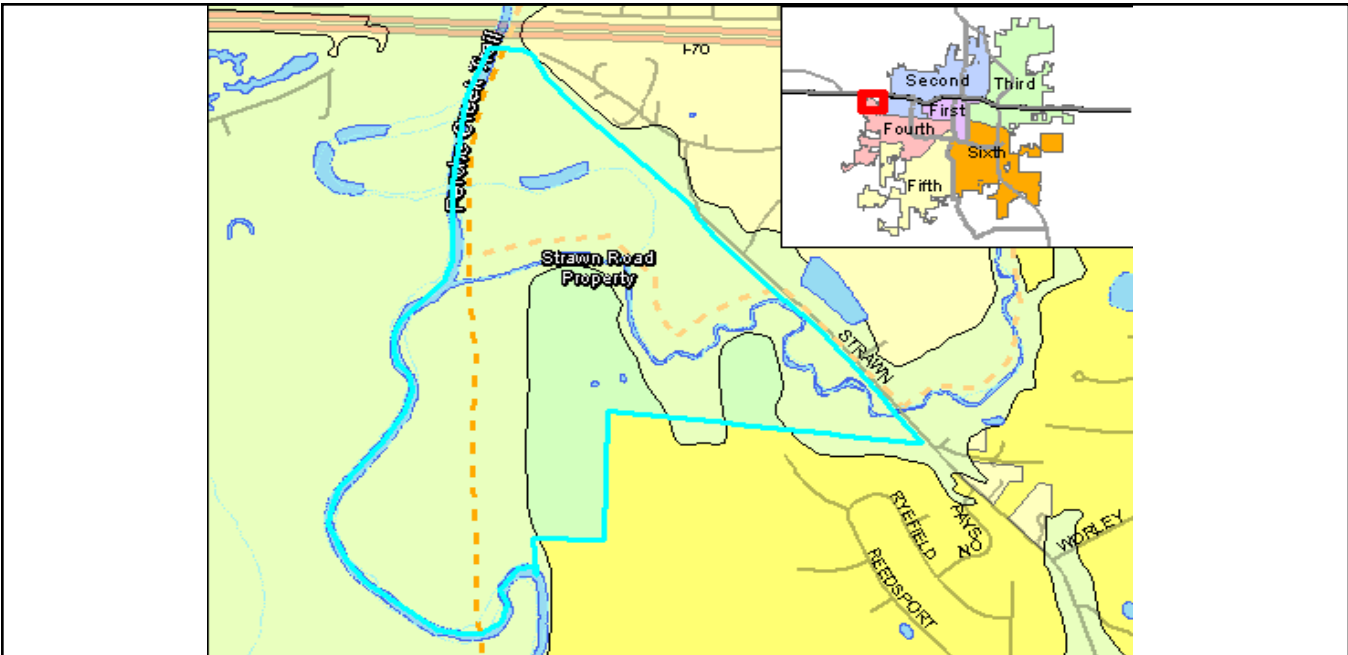
Current Status:
Phase I improvements currently in the planning process and phase II improvements will be based on completed master plan for the park property.

Factors Effecting Timing/Completion of Project:

Eligible Funding Sources:
2015 Park Sales Tax

Master Plan:
Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2020	Park Sales Tax	\$200,000
		\$200,000



The Vinyards/El Chapparal Lake/Park Development

Description:
Develop a park on this 10-acre lake property. Initial development to possibly include park access, parking lot, and trail.

Ward	Begin Design	Begin Construction
6	2020	2021
Eligible for Percent for Arts?		No
Current Funding Request:		\$75,000
Total Appropriated:		\$0
Total City Project Cost:		\$75,000
Est. Project Balance: 09/30/2016		\$0

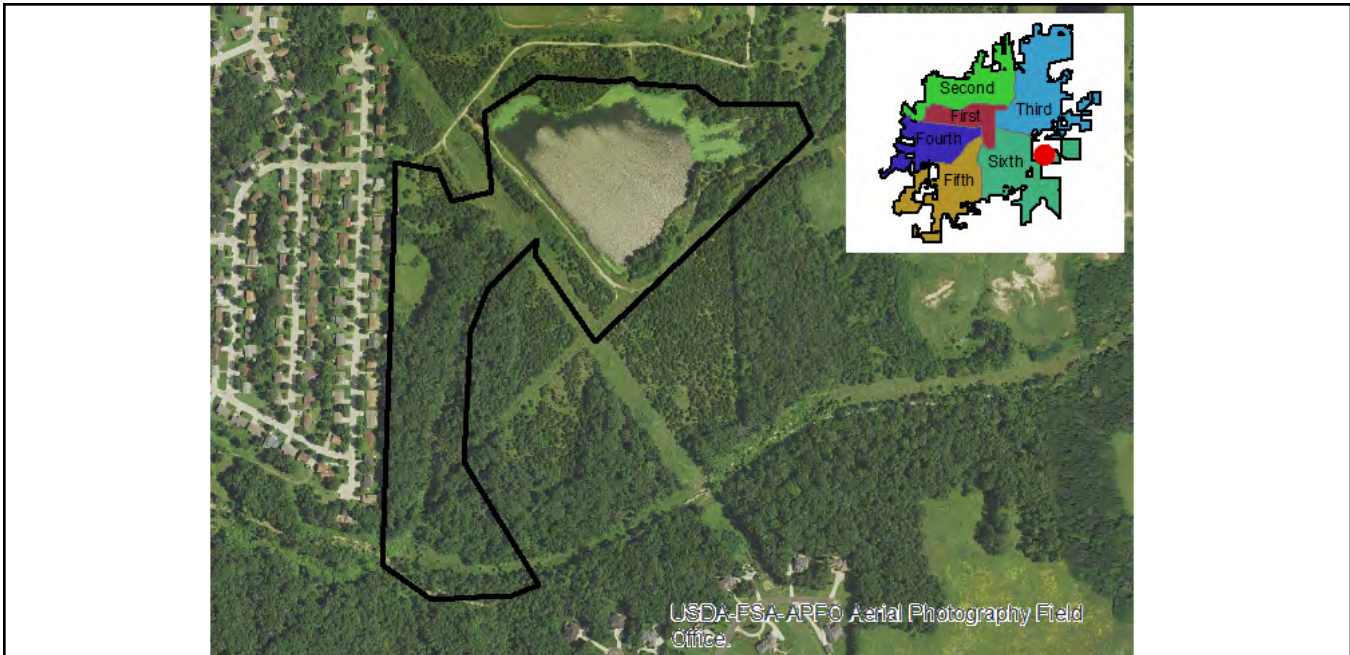
Current Status:
Concept.

Factors Effecting Timing/Completion of Project:

Eligible Funding Sources:
Park Sales Tax

Master Plan:
Parks, Recreation and Open Sapce

FY	Eligible Funding Sources	Amount
2021	Park Sales Tax	\$75,000
		\$75,000



Worley St Park Improvement

Description:
 Worley Street Park improvements to the playground, playground surfacing, fencing, lighting and entry.

Ward	Begin Design	Begin Construction
1	2019	2020
Eligible for Percent for Arts?		No
Current Funding Request:		\$75,000
Total Appropriated:		\$0
Total City Project Cost:		\$75,000
Est. Project Balance: 09/30/2016		\$0

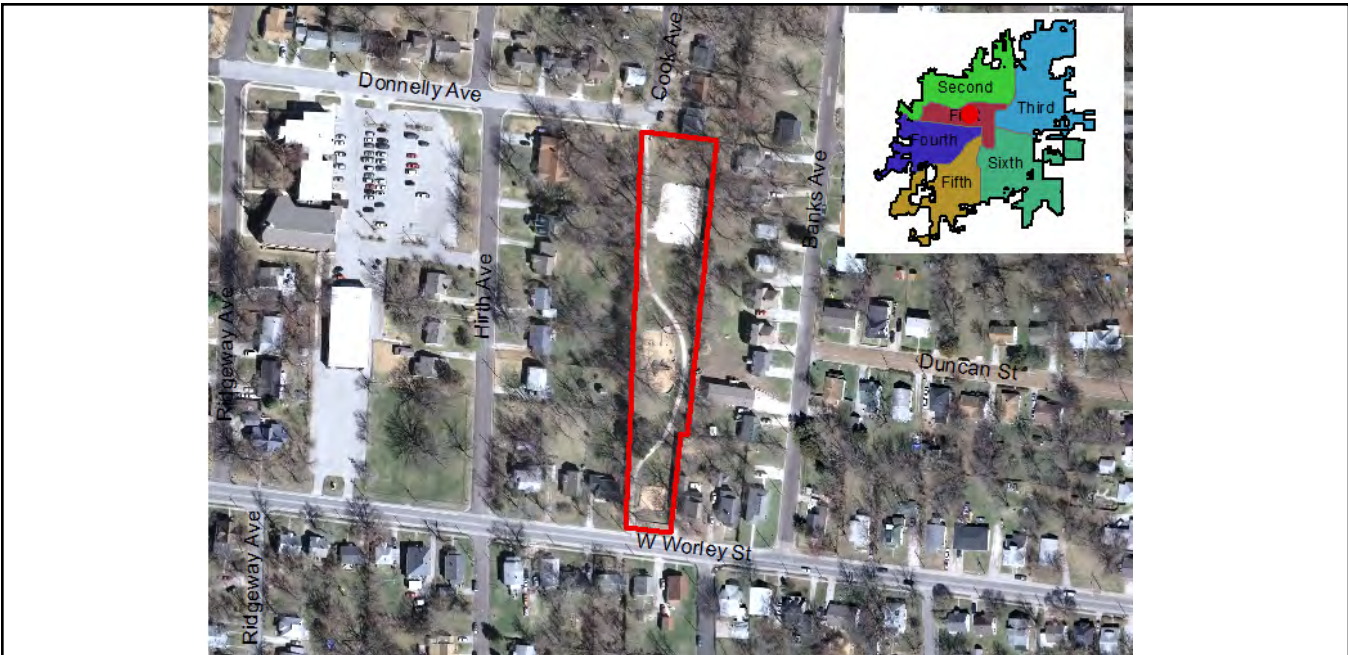
Current Status:
 Concept plan.

Factors Effecting Timing/Completion of Project:

Eligible Funding Sources:
 Park Sales Tax

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2020	Park Sales Tax	\$75,000
		\$75,000



Chapel Hill Connector - Perche Creek Trail

Description:
Construct trail connection between Chapel Hill Pedway to Perche Creek Trail.

Ward	Begin Design	Begin Construction
4	2019	2020
Eligible for Percent for Arts?		No
Current Funding Request:		\$500,000
Total Appropriated:		\$0
Total City Project Cost:		\$500,000
Est. Project Balance: 09/30/2016		\$0

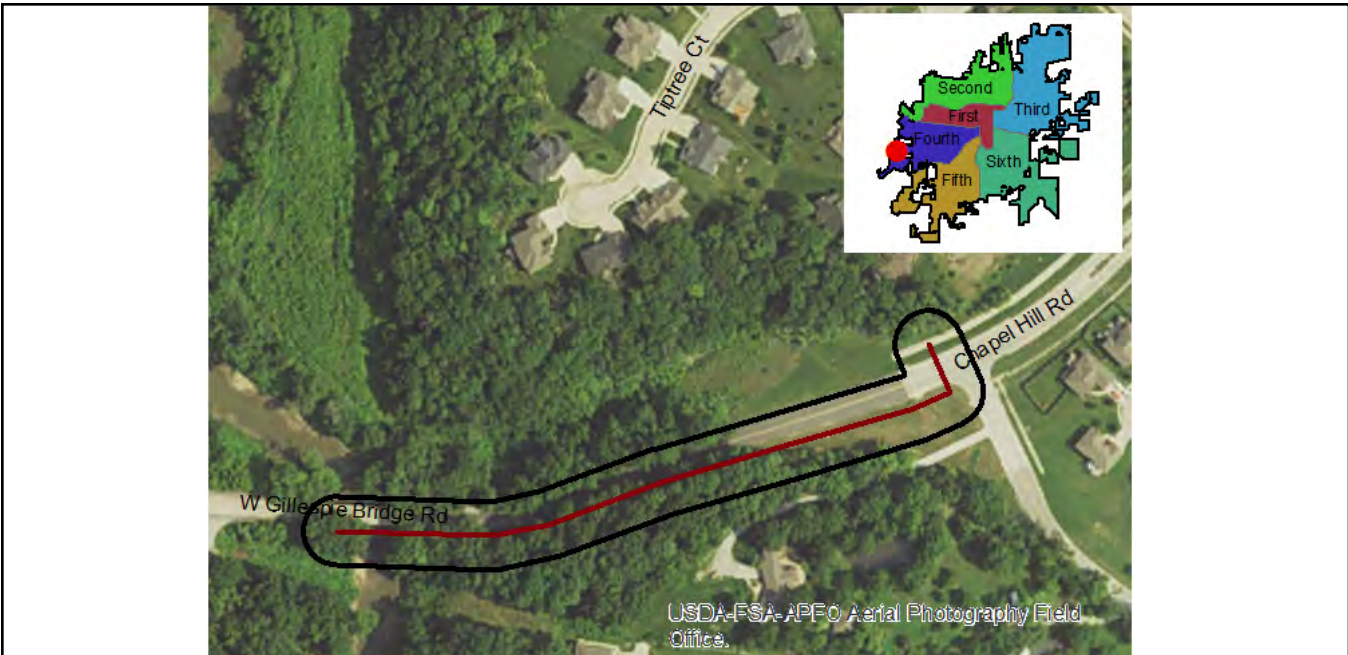
Current Status:
Unfunded. Project includes a bridge at Gillespie Bridge Rd. to connect the Chapel Hill Pedway on the east side of Perche Creek Trail

Factors Effecting Timing/Completion of Project:

Eligible Funding Sources:
Park Sales Tax

Master Plan:
Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2019	Park Sales Tax	\$175,000
2020	Park Sales Tax	\$325,000
		<u>\$500,000</u>



Hinkson Creek Trail: Stephens to Clark Lane

Description:
Trail from Stephens Lake Park to Clark Lane. Est length: 1.1 miles.

Ward	Begin Design	Begin Construction
3	2020	2021
Eligible for Percent for Arts?		No
Current Funding Request:		\$950,000
Total Appropriated:		\$0
Total City Project Cost:		\$950,000
Est. Project Balance: 09/30/2016		\$0

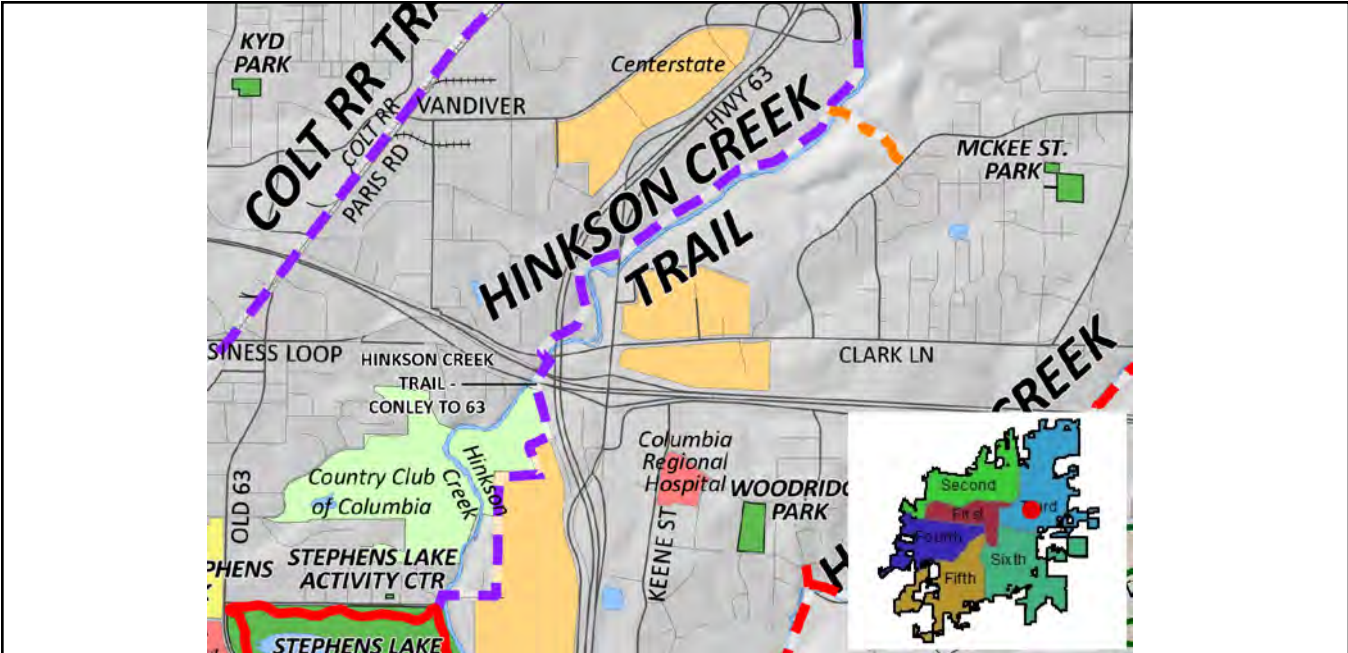
Current Status:
Unfunded proposed trail.

Factors Effecting Timing/Completion of Project:

Eligible Funding Sources:
Park Sales Tax

Master Plan:
Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2020	Park Sales Tax	\$200,000
2021	Park Sales Tax	\$750,000
		<u>\$950,000</u>



Albert-Oakland Park: Enclose Pool w/Air Structure

Description:
 Enclosure of the outdoor Albert-Oakland Swimming Pool in order for year round operations. Possible option instead of a new indoor facility.

Ward	Begin Design	Begin Construction
2	2022	2022
Eligible for Percent for Arts?		No
Current Funding Request:		\$125,000
Total Appropriated:		\$0
Total City Project Cost:		\$125,000
Est. Project Balance: 09/30/2016		\$0

Current Status:
 Unfunded. This project will install an air structure over the 50 meter pool. Aug 2009 quote from AMERI-DOME Commercial Dome Company (\$88,000), water heater (\$27,000), and contingency (\$10,000).

Factors Effecting Timing/Completion of Project:
 Project is unfunded at this time.

Eligible Funding Sources:
 PST, RSR

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2022	Unfunded	\$125,000
		\$125,000



Inflatable Dome over Albert-Oakland Pool

Aquatic Facility

Description:
 Construction of an aquatic facility including a pool, sprayground, water slide, and support amenities such as a shelter and bathhouse. Facility is proposed in Philips Park master plan.

Ward	Begin Design	Begin Construction
6	2022	2023
Eligible for Percent for Arts?		Yes
Current Funding Request:		\$4,000,000
Total Appropriated:		\$0
Total City Project Cost:		\$4,000,000
Est. Project Balance: 09/30/2016		\$0

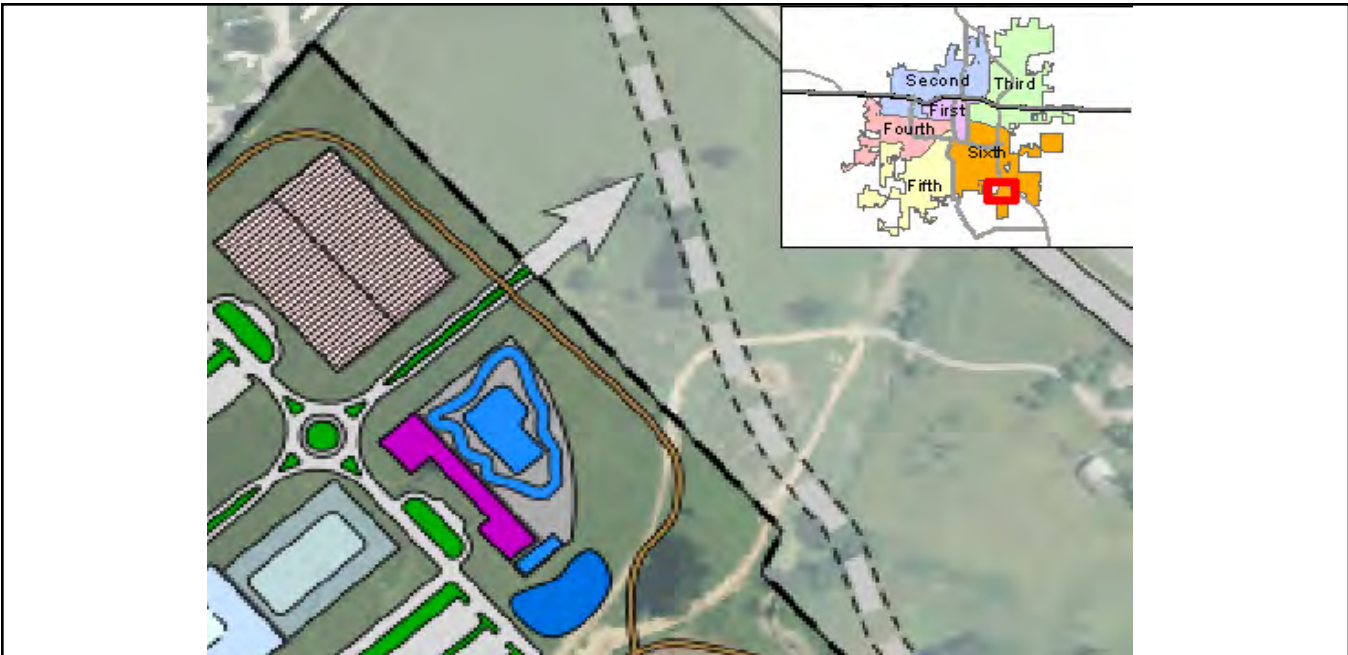
Current Status:
 Unfunded project to build a major aquatic facility, possibly in Philips Park.

Factors Effecting Timing/Completion of Project:
 Project is unfunded at this time.

Eligible Funding Sources:
 Future Ballot Issue, RSR

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2023	Unfunded	\$4,000,000
		\$4,000,000



ARC Gym/Fitness Expansion

Description:
Expansion of current 2 court ARC gym, track, 2 level fitness/exercise areas and a new control area.

Ward	Begin Design	Begin Construction
1	2022	2022
Eligible for Percent for Arts?		Yes
Current Funding Request:		\$2,800,000
Total Appropriated:		\$0
Total City Project Cost:		\$2,800,000
Est. Project Balance: 09/30/2016		\$0

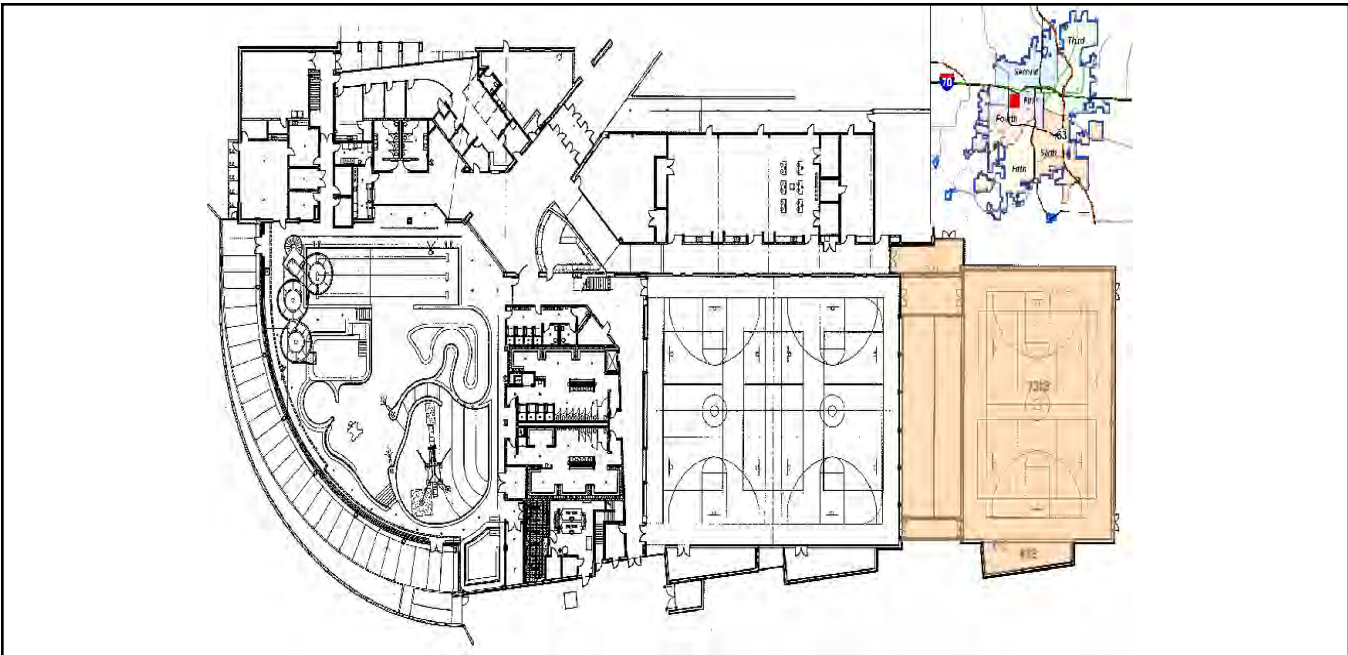
Current Status:
Unfunded project to add a 14,700 sq ft gym expansion consisting of 1 basketball/2 volleyball cts. to the Activity Recreation Center (ARC).

Factors Effecting Timing/Completion of Project:
Project is unfunded at this time.

Eligible Funding Sources:
Ballot Issue, ARC funds

Master Plan:
Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2022	Unfunded	\$2,800,000
		\$2,800,000



Atkins: Park Development-Future phases

Description:
Further development of Atkins master plan including second baseball/softball complex, 3 soccer/rugby fields, trails, shelters and park amenities.

Ward	Begin Design	Begin Construction
3	2022	2023
Eligible for Percent for Arts?		Yes
Current Funding Request:		\$3,553,000
Total Appropriated:		\$0
Total City Project Cost:		\$3,553,000
Est. Project Balance: 09/30/2016		\$0

Current Status:
Unfunded. Priority is to complete first baseball complex prior to adding other park features such as shelters, trails, playgrounds, and additional sports fields.

Factors Effecting Timing/Completion of Project:
Project is unfunded at this time.

Eligible Funding Sources:
Park Sales Tax

Master Plan:
Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2023	Unfunded	\$3,553,000
		\$3,553,000



Boxer Park Development

Description:
 Development of Boxer Park, currently an undeveloped 3 acre property at the terminus of Newton Drive.

Ward	Begin Design	Begin Construction
2	2023	2024
Eligible for Percent for Arts?		No
Current Funding Request:		\$60,000
Total Appropriated:		\$0
Total City Project Cost:		\$60,000
Est. Project Balance: 09/30/2016		\$0

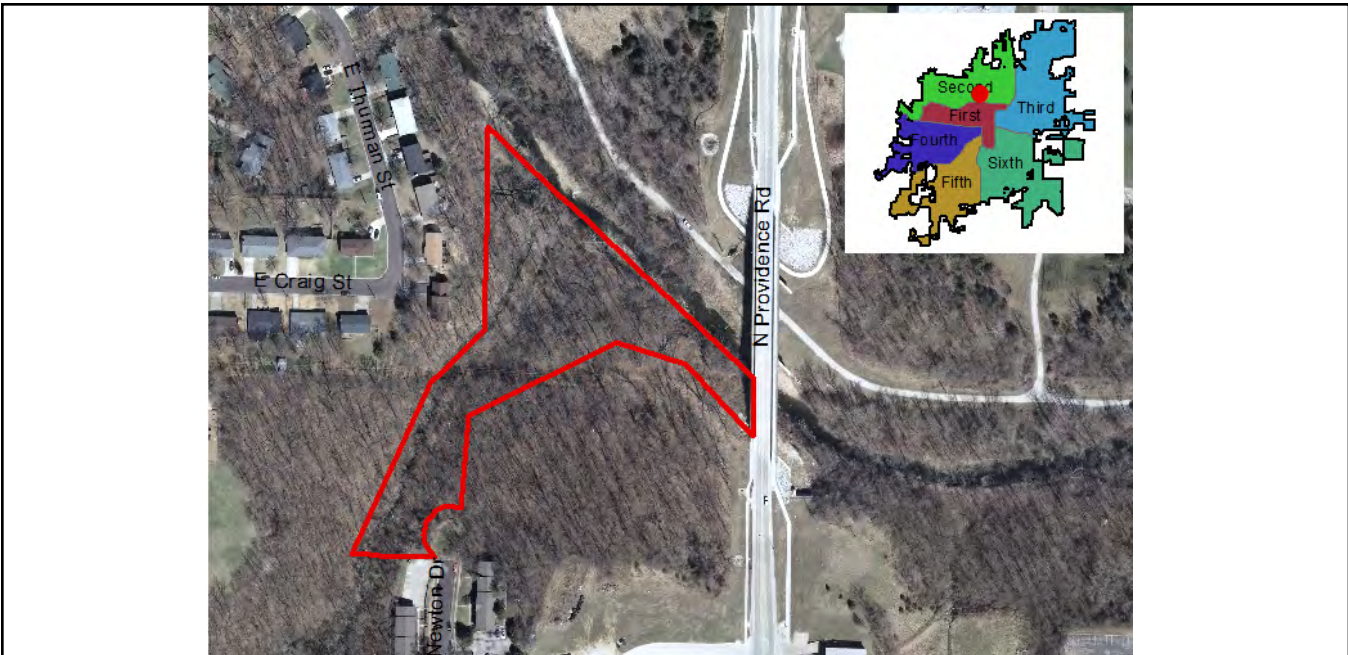
Current Status:
 Concept. Final amenities in the park will be dependent on public input.

Factors Effecting Timing/Completion of Project:
 Project is unfunded at this time.

Eligible Funding Sources:
 Park Sales Tax

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2024	Unfunded	\$60,000
		<u>\$60,000</u>



Cosmo Rec Area: Northeast Quarry Area

Description:
 Pending public input, the area could include Rhett's Run entrance, concrete trick bike area, BMX bike course, biking skills course and parking.

Ward	Begin Design	Begin Construction
2	2023	2024
Eligible for Percent for Arts?		No
Current Funding Request:		\$770,000
Total Appropriated:		\$0
Total City Project Cost:		\$770,000
Est. Project Balance: 09/30/2016		\$0

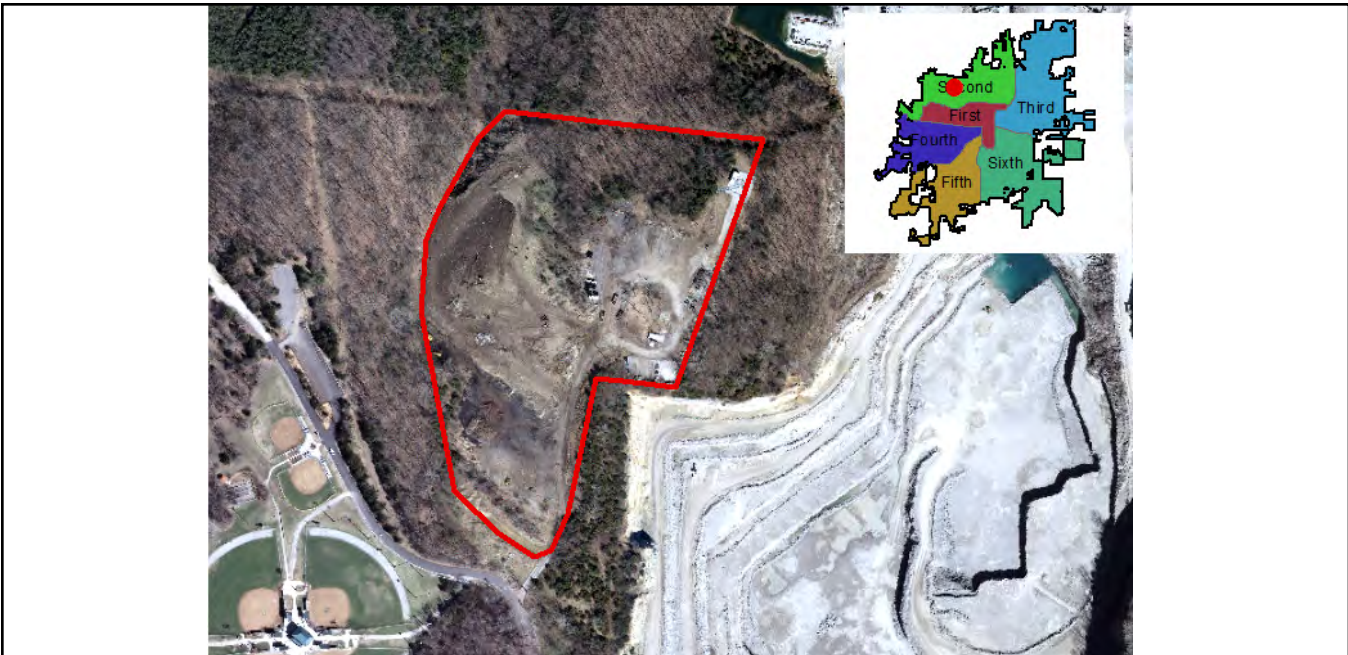
Current Status:
 Bike Park Concept. Department needs to develop site master plan to determine development priorities. Project could include 2 bike polo courts with lights (\$120,000), a bike park similar to skate park (100,000) with adjacent certified BMX track capable of hosting races (\$550,000).

Factors Effecting Timing/Completion of Project:
 Project is unfunded at this time.

Eligible Funding Sources:
 RSR, PST and future ballot issue

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2024	Unfunded	\$770,000
		\$770,000



Cosmo Rec Area: Park Mgmt Center: Rpl Fab Shop

Description:
 This project replaces the original airport kitchen that is currently being used as a fabrication shop for welding, construction and maintenance activities.

Ward	Begin Design	Begin Construction
2	2021	2022
Eligible for Percent for Arts?		No
Current Funding Request:		\$850,000
Total Appropriated:		\$0
Total City Project Cost:		\$850,000
Est. Project Balance: 09/30/2016		\$0

Current Status:
 Unfunded. Project replaces existing fabrication shop. Budget based on 6800 sq ft building at \$125/sq ft.

Factors Effecting Timing/Completion of Project:
 Project is unfunded at this time.

Eligible Funding Sources:
 Park Sales Tax

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2022	Unfunded	\$850,000
		\$850,000



Cosmo Rec Area: RC Track Improvements

Description:
 Improvements to the remote control track located in Columbia Cosmopolitan Recreation Areas (CCRA). Improvements may include constructing an asphalt track, steering tower, adding water to site, and additional parking.

Ward	Begin Design	Begin Construction
2	2022	2022
Eligible for Percent for Arts?		No
Current Funding Request:		\$75,000
Total Appropriated:		\$0
Total City Project Cost:		\$75,000
Est. Project Balance: 09/30/2016		\$0

Current Status:
 Unfunded. Volunteers are currently maintaining the track but are having a difficult time raising the funds needed to complete the required amenities for official races.

Factors Effecting Timing/Completion of Project:
 Project is unfunded at this time.

Eligible Funding Sources:
 Future ballot issue, Park Sales Tax

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2022	Unfunded	\$75,000
		<u>\$75,000</u>



Cosmo Rec Area: Shelters Replacement

Description:
Replacement of the wooden structure shelters in Cosmo Park; Burford, Nickell and Garrison.

Ward	Begin Design	Begin Construction
2	2024	2025
Eligible for Percent for Arts?		No
Current Funding Request:		\$325,000
Total Appropriated:		\$0
Total City Project Cost:		\$325,000
Est. Project Balance: 09/30/2016		\$0

Current Status:
Unfunded project to replace the remaining wood frame shelters (3) in Cosmo Park with modern design shelters.

Factors Effecting Timing/Completion of Project:
Project is unfunded at this time.

Eligible Funding Sources:
Future ballot issue - Park Sales Tax

Master Plan:
Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2024	Unfunded	\$325,000
		\$325,000



Cosmo Rec Area: Skate Park Expansion

Description:
 This project will increase the existing size of the Cosmo Skate Park by 25,000 square feet and add a 2500 sq ft bowl.

Ward	Begin Design	Begin Construction
2	2022	2022
Eligible for Percent for Arts?		No
Current Funding Request:		\$750,000
Total Appropriated:		\$0
Total City Project Cost:		\$750,000
Est. Project Balance: 09/30/2016		\$0

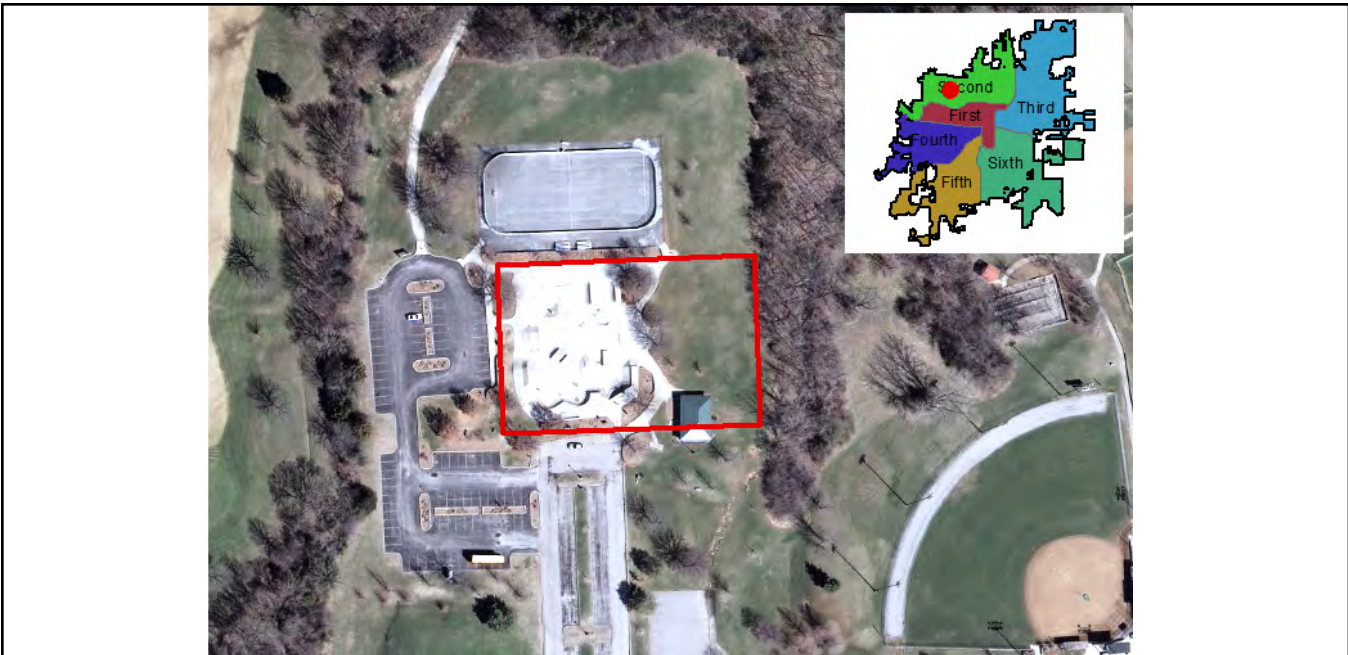
Current Status:
 Unfunded. Project includes \$750,000 for an additional 25,000 square feet and 2,500 sq ft bowl.

Factors Effecting Timing/Completion of Project:
 Project is unfunded at this time.

Eligible Funding Sources:
 Park Sales Tax

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2022	Unfunded	\$750,000
		\$750,000



Cosmo Rec Area: Skate Park/Roller Hockey Lights

Description:
 This project will add lights to the existing Cosmo Skate Park and Roller Hockey Rink.

Ward	Begin Design	Begin Construction
2	2023	2023
Eligible for Percent for Arts?		No
Current Funding Request:		\$150,000
Total Appropriated:		\$0
Total City Project Cost:		\$150,000
Est. Project Balance: 09/30/2016		\$0

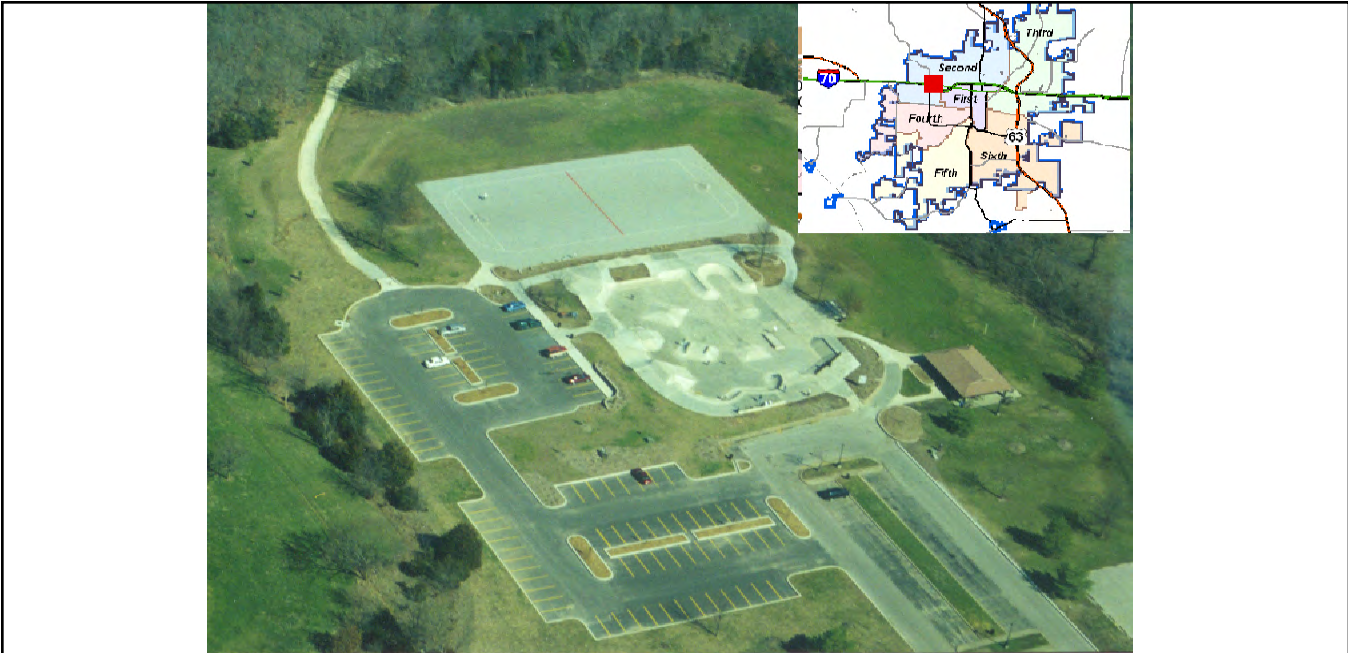
Current Status:
 Unfunded. MUSCO light cost estimate is \$65,000 for skate park and \$85,000 for roller hockey rink.

Factors Effecting Timing/Completion of Project:
 Funding and location of new site if needed. Potential ballot issue.

Eligible Funding Sources:
 Park Sales Tax

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2023	Unfunded	\$150,000
		\$150,000



Cosmo Rec Area: Soccer Field/Concession Imprv

Description:
 Soccer field improvements including field renovation, irrigation system improvements, upgrade lights, renovation of the soccer concession stand and installation of scoreboards and bleachers at Fields 4 and 5.

Ward	Begin Design	Begin Construction
2	2021	2022
Eligible for Percent for Arts?		No
Current Funding Request:		\$295,000
Total Appropriated:		\$0
Total City Project Cost:		\$295,000
Est. Project Balance: 09/30/2016		\$0

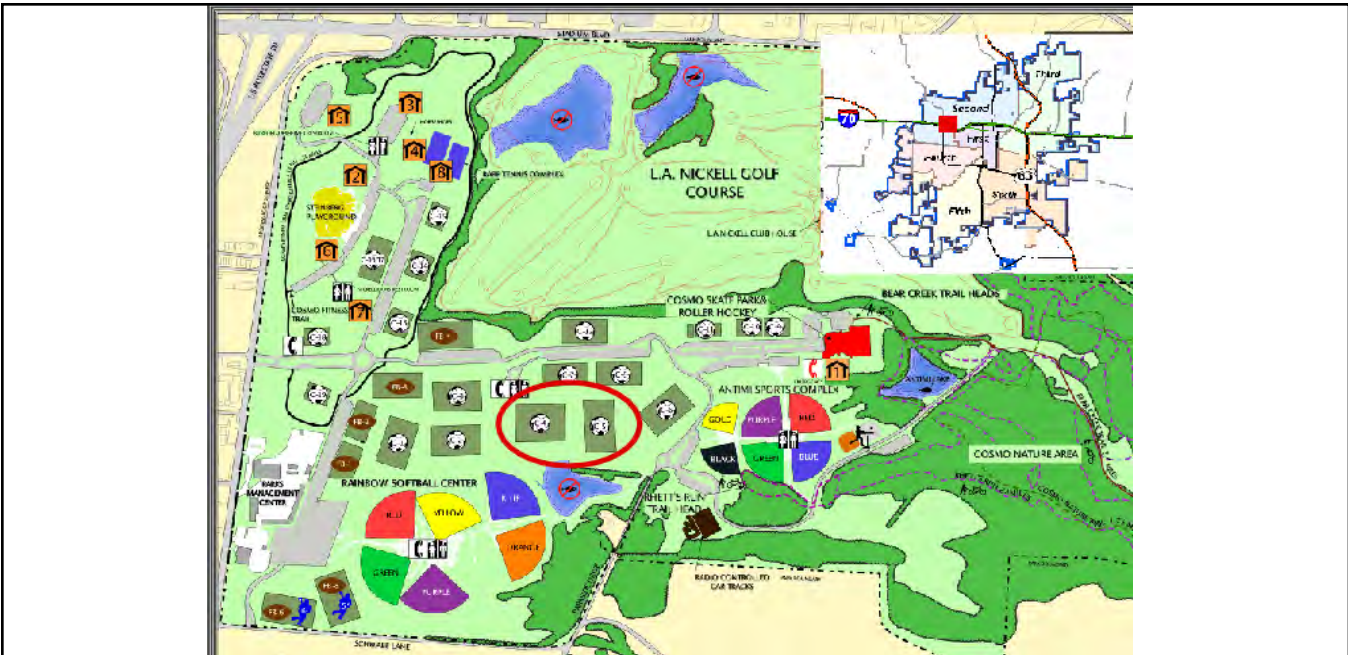
Current Status:
 Unfunded. This project provides funding to irrigate additional soccer fields(\$40k), renovate the concession stand (\$50k), upgrade lights (\$175k), and if needed add permanent grandstand bleachers & scoreboards on fields #4 & #5 (\$30k).

Factors Effecting Timing/Completion of Project:
 Funding and staff availability.

Eligible Funding Sources:
 RSR, Donation, Future ballot issue

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2022	Unfunded	\$295,000
		\$295,000



Cosmo Rec Area: Tennis Court Lights & Shelter

Description:
 Project will upgrade the existing lights and replace the existing lights at the Cosmo Rapp Tennis Court Complex.

Ward	Begin Design	Begin Construction
2	2021	2022
Eligible for Percent for Arts?		No
Current Funding Request:		\$263,000
Total Appropriated:		\$0
Total City Project Cost:		\$263,000
Est. Project Balance: 09/30/2016		\$0

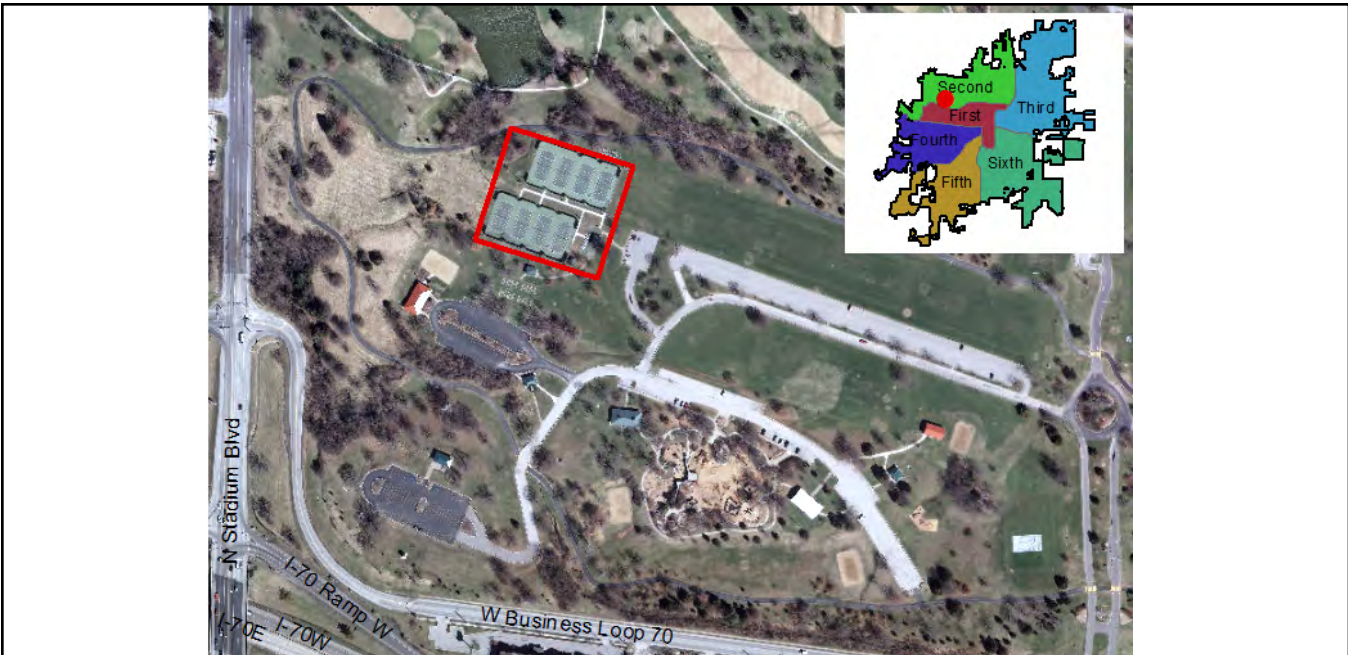
Current Status:
 Unfunded. Project will upgrade the existing lights (\$163,000) and replace the existing shelter (\$100,000).

Factors Effecting Timing/Completion of Project:
 Project is unfunded at this time.

Eligible Funding Sources:
 Park Sales Tax

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2022	Unfunded	\$263,000
		\$263,000



Cosmo Rec Area: Tennis Court Resurfacing

Description:
Resurfacing of the eight tennis courts at Columbia Cosmopolitan Recreation Area including crack repair, new paint and lines for tennis play.

Ward	Begin Design	Begin Construction
2	2021	2022
Eligible for Percent for Arts?		No
Current Funding Request:		\$100,000
Total Appropriated:		\$0
Total City Project Cost:		\$100,000
Est. Project Balance: 09/30/2016		\$0

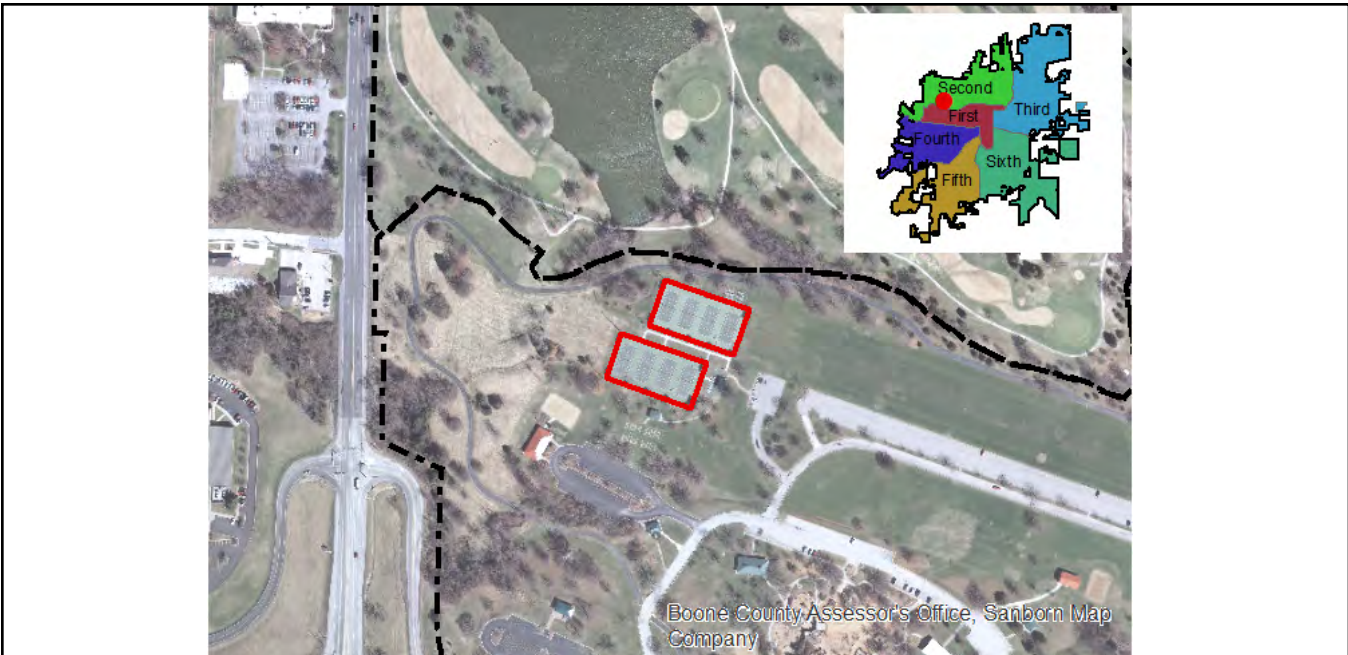
Current Status:
Unfunded project to repair asphalt cracks, resurface, paint and install lines for tennis play at the 8 tennis Courts at Cosmo Park. Courts were renovated in 2007 and will need to be resurfaced and painted after 10+ years of use. The process of resurfacing the courts will be the same process used at Albert-Oakland Park and Cosmo-Bethel Park

Factors Effecting Timing/Completion of Project:
Project is unfunded at this time.

Eligible Funding Sources:
Future Ballot Issue, Park Sales Tax

Master Plan:
Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2022	Unfunded	\$100,000
		\$100,000



Douglass Park: Multipurpose Building

Description:
Project will fund the construction of a 11,000 sq ft multipurpose building that will include a single gym, meeting rooms and offices.

Ward	Begin Design	Begin Construction
1	2022	2023
Eligible for Percent for Arts?		No
Current Funding Request:		\$1,298,000
Total Appropriated:		\$0
Total City Project Cost:		\$1,298,000
Est. Project Balance: 09/30/2016		\$0

Current Status:
Unfunded. Concept. Final plan will need engineering study for final cost estimate. Budget based on \$100/sq ft plus 18% administration and engineering fees.

Factors Effecting Timing/Completion of Project:
Project is unfunded at this time.

Eligible Funding Sources:
Park Sales Tax, CDBG

Master Plan:
Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2023	Unfunded	\$1,298,000
		\$1,298,000



Forum Nature Area Improvements

Description:
 Proposed improvements include habitat restoration, interpretive signs, weir dam repairs, parking lot expansion and installation of a bike repair station.

Ward	Begin Design	Begin Construction
5	2022	2022
Eligible for Percent for Arts?		No
Current Funding Request:		\$30,500
Total Appropriated:		\$0
Total City Project Cost:		\$30,500
Est. Project Balance: 09/30/2016		\$0

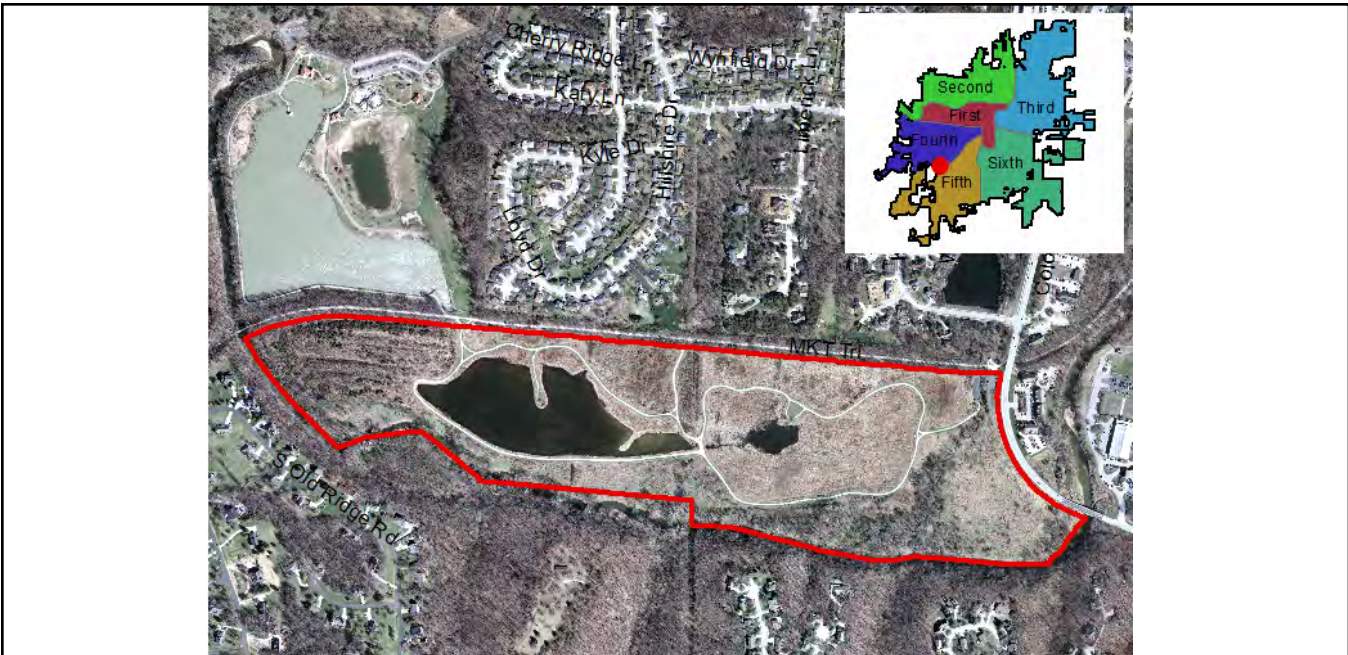
Current Status:
 Unfunded. Projects include habitat restoration (\$5k), interpretive signs (\$8k), parking lot expansion (\$15k) and installation of a bike repair station (\$2,500).

Factors Effecting Timing/Completion of Project:
 Project is unfunded at this time.

Eligible Funding Sources:
 Park Sales Tax, Annual Park Improvement Project

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2022	Unfunded	\$30,500
		\$30,500



Garth Nature Area: Park & Dog Park Improvements

Description:
Improvements to the park and dog park including single table shelters, fencing, lighting and an aeration system for the pond.

Ward	Begin Design	Begin Construction
2	2022	2022
Eligible for Percent for Arts?		No
Current Funding Request:		\$53,000
Total Appropriated:		\$0
Total City Project Cost:		\$53,000
Est. Project Balance: 09/30/2016		\$0

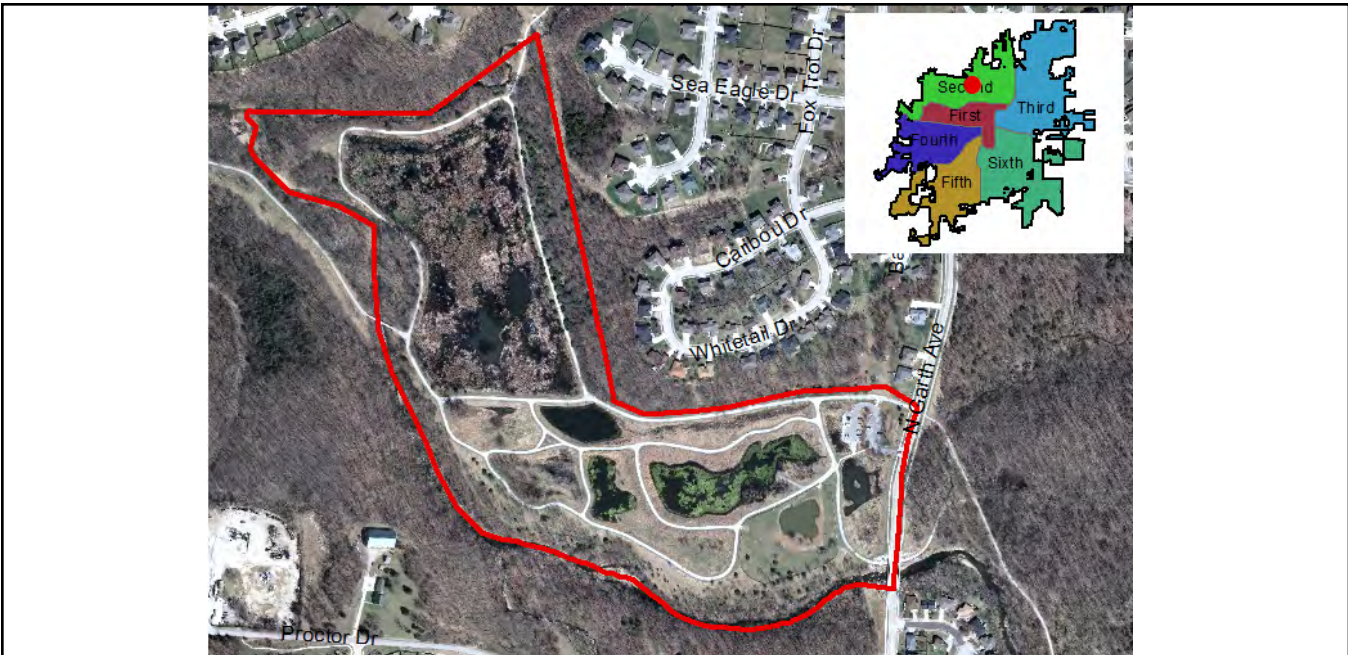
Current Status:
Unfunded. Projects include dog park improvements (\$10k), 2 single table shelters (\$11k), pond aeration system (\$12k) and misc park improvements-lights, interpretative signs, fencing, etc (\$20k).

Factors Effecting Timing/Completion of Project:
Project is unfunded at this time.

Eligible Funding Sources:
Park Sales Tax

Master Plan:
Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2022	Unfunded	\$53,000
		<u>\$53,000</u>



Grasslands Park Improvements

Description:
 Project will replace existing mulch playground safety surface with a synthetic product.

Ward	Begin Design	Begin Construction
5	2023	2023
Eligible for Percent for Arts?		No
Current Funding Request:		\$30,000
Total Appropriated:		\$0
Total City Project Cost:		\$30,000
Est. Project Balance: 09/30/2016		\$0

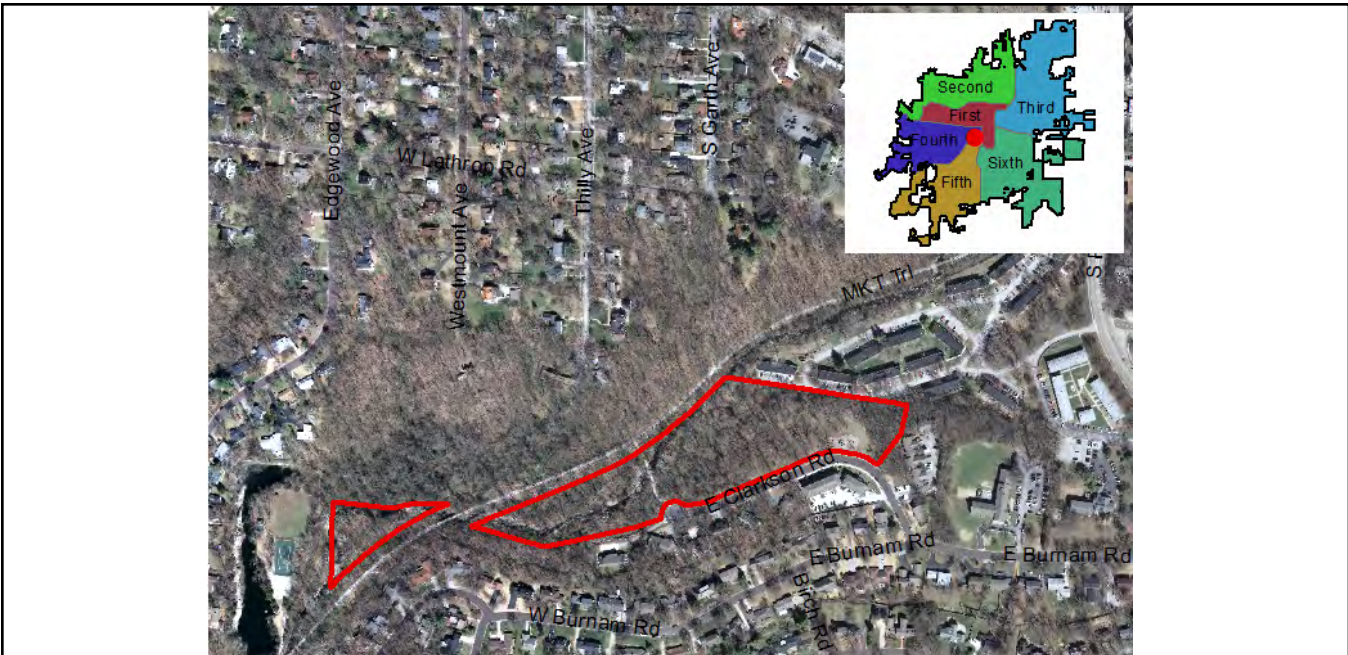
Current Status:
 Unfunded. Funding based on \$25,000 for synthetic playground safety surface and \$5,000 for misc park improvements

Factors Effecting Timing/Completion of Project:
 Project is unfunded at this time.

Eligible Funding Sources:
 Park Sales Tax

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2023	Unfunded	\$30,000
		<u>\$30,000</u>



Jay Dix Station - Phase II

Description:
Phase II development of Jay Dix Station including parking improvements and pre-fab concrete restroom installation.

Ward	Begin Design	Begin Construction
5	2022	2022
Eligible for Percent for Arts?		No
Current Funding Request:		\$150,000
Total Appropriated:		\$0
Total City Project Cost:		\$150,000
Est. Project Balance: 09/30/2016		\$0

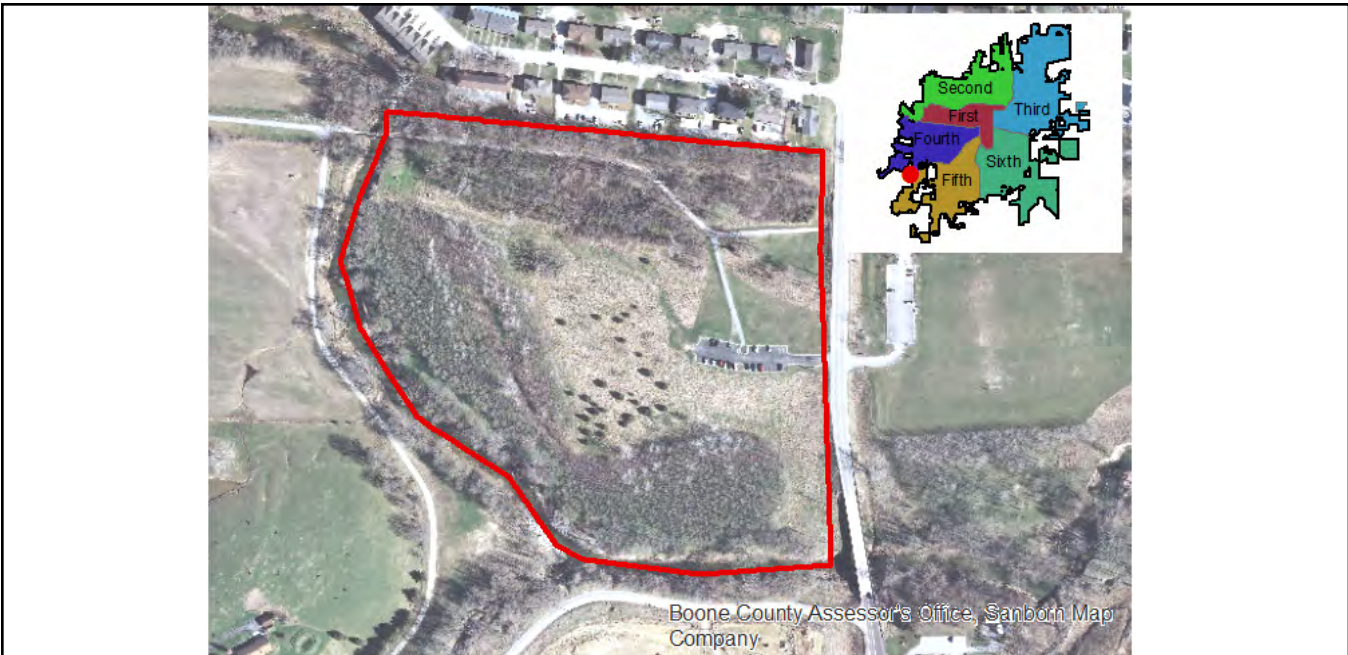
Current Status:
Unfunded phase II development of Jay Dix Station will include additional parking, lighting of parking lot and installation of a prefab concrete restroom.

Factors Effecting Timing/Completion of Project:
Project unfunded at this time.

Eligible Funding Sources:
Future Ballot Issue - Park Sales Tax

Master Plan:
Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2022	Unfunded	\$150,000
		\$150,000



Kyd Park Development

Description:
 Neighborhood park development to include a playground, single table picnic shelters and small open play field.

Ward	Begin Design	Begin Construction
2	2023	2024
Eligible for Percent for Arts?		No
Current Funding Request:		\$125,000
Total Appropriated:		\$0
Total City Project Cost:		\$125,000
Est. Project Balance: 09/30/2016		\$0

Current Status:
 Unfunded project to develop property to include standard neighborhood park amenities.

Factors Effecting Timing/Completion of Project:
 Project is unfunded at this time.

Eligible Funding Sources:
 Future ballot park sales tax

Master Plan:
 Parks Recreation and Open Space

FY	Eligible Funding Sources	Amount
2024	Unfunded	\$125,000
		\$125,000



LOW Aquatic Facility Improvements

Description:
 Project will renovate the existing swimming pool at Lake of the Woods Recreation Area including the addition of a sprayground and deck improvements.

Ward	Begin Design	Begin Construction
Outside City limits	2025	2026
Eligible for Percent for Arts?		No
Current Funding Request:		\$454,000
Total Appropriated:		\$0
Total City Project Cost:		\$454,000
Est. Project Balance: 09/30/2016		\$0

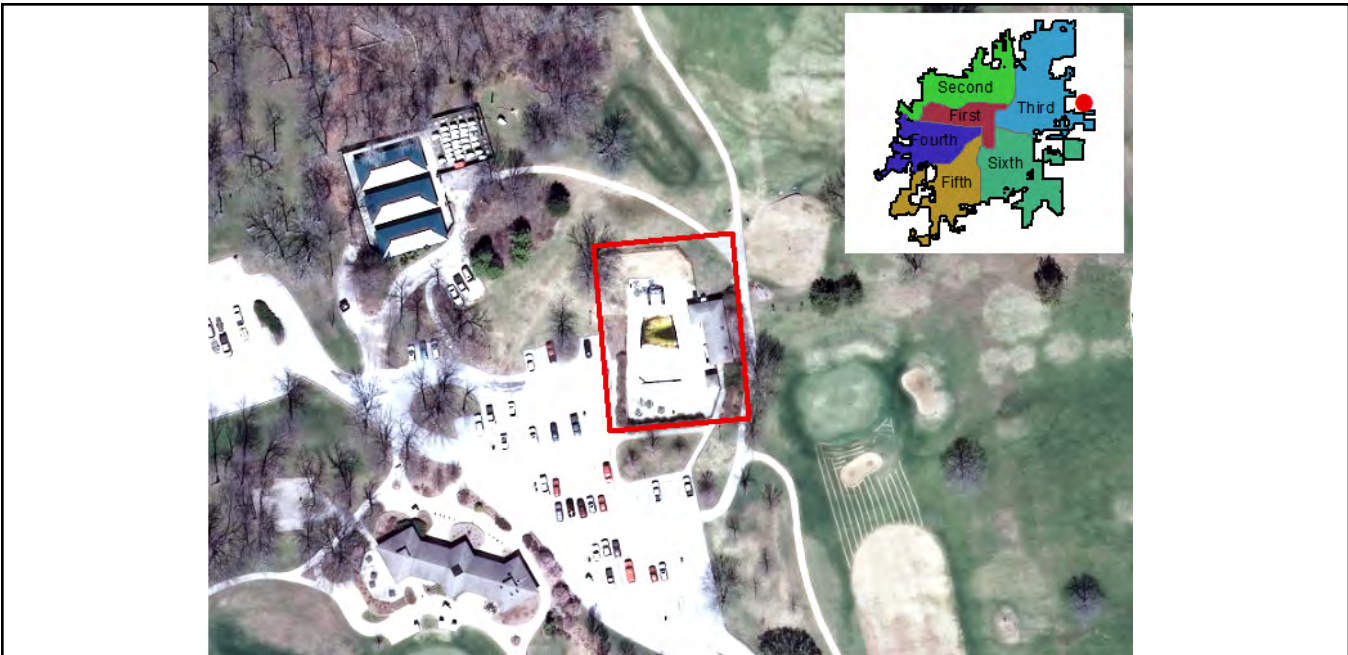
Current Status:
 Unfunded. Project includes pool renovations (\$250,000), improvements to the deck/lights (\$54,000) and the construction of a new sprayground (\$150,000).

Factors Effecting Timing/Completion of Project:
 funding

Eligible Funding Sources:
 Park Sales Tax, Rec Services User Fees

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2026	Unfunded	\$454,000
		\$454,000



MLK Memorial & Battle Garden Improvements

Description:
Improvements to the MLK Memorial, Battle Garden, former wastewater office building, and addition of three single table picnic shelters and bike repair station.

Ward	Begin Design	Begin Construction
4	2022	2022
Eligible for Percent for Arts?		No
Current Funding Request:		\$121,000
Total Appropriated:		\$0
Total City Project Cost:		\$121,000
Est. Project Balance: 09/30/2016		\$0

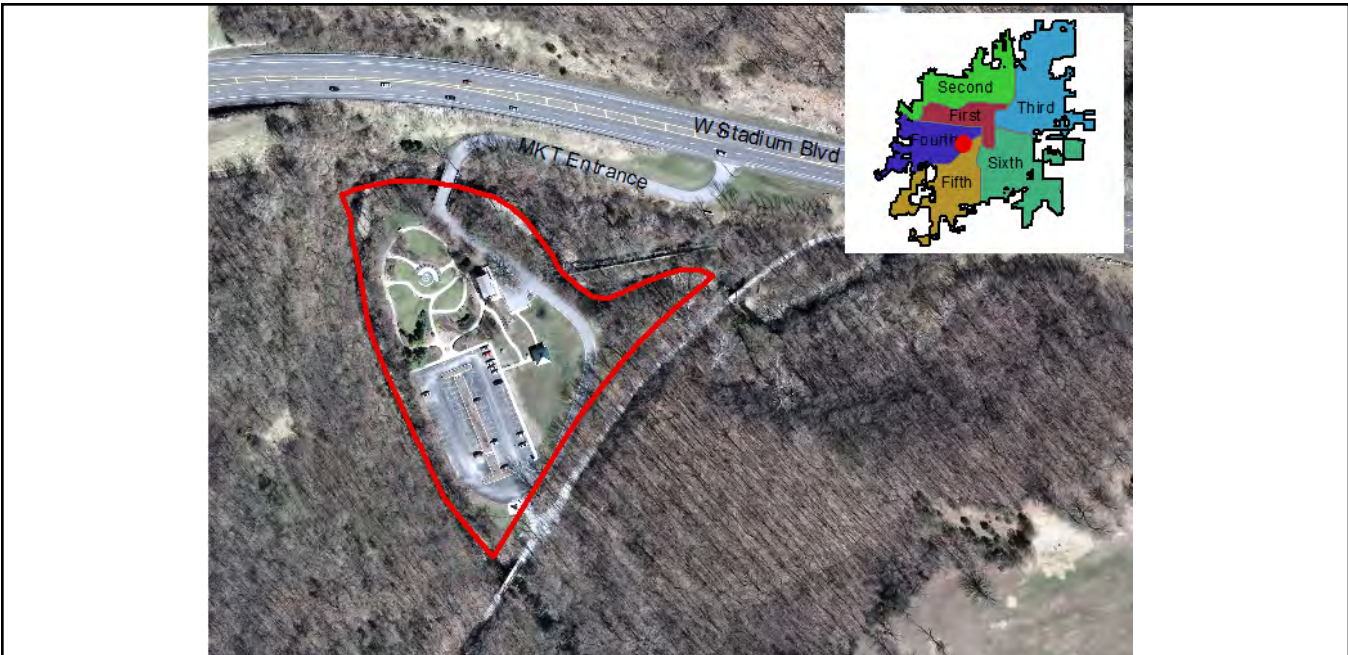
Current Status:
Unfunded. Project includes funding for the wastewater building (\$75k), Memorial (\$15k), Landscaping (\$12k), 3 single table shelters (\$16,500), and installation of a new bike repair station (\$2,500).

Factors Effecting Timing/Completion of Project:
Project is unfunded at this time.

Eligible Funding Sources:
Park Sales Tax

Master Plan:
Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2022	Unfunded	\$121,000
		\$121,000



Neighborhood Park Dev - Priority 1 (TBD)

Description:
 As park land is acquired, funding will be needed to develop the park. Parks are usually developed in order of acquisition, unless development timing is driven by other factors. Staff anticipates several new park lands will be acquired before the end of the next ballot period.

Ward	Begin Design	Begin Construction
TBD	2022	2023
Eligible for Percent for Arts?		No
Current Funding Request:		\$150,000
Total Appropriated:		\$0
Total City Project Cost:		\$150,000
Est. Project Balance: 09/30/2016		\$0

Current Status:
 Staff is pursuing land for neighborhood park acquisition.

Factors Effecting Timing/Completion of Project:

Eligible Funding Sources:
 Future Ballot Issue - Parks Sales Tax

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2022	Unfunded	\$150,000
		\$150,000



Neighborhood Park Dev - Priority 2 (TBD)

Description:
 As park land is acquired, funding will be needed to develop the park. Parks are usually developed in order of acquisition, unless development timing is driven by other factors. Staff anticipates several new park lands will be acquired before the end of the next ballot period.

Ward	Begin Design	Begin Construction
TBD	2025	2026
Eligible for Percent for Arts?		No
Current Funding Request:		\$150,000
Total Appropriated:		\$0
Total City Project Cost:		\$150,000
Est. Project Balance: 09/30/2016		\$0

Current Status:
 Staff is pursuing land for neighborhood park acquisition.

Factors Effecting Timing/Completion of Project:
 funding

Eligible Funding Sources:
 Future Ballot Issue

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2026	Unfunded	\$150,000
		\$150,000



Nifong Park: Covered Tractor & Implement Structure

Description:
 Improvements to the animal barn located at Nifong Park that would include the possible conversion of the old barn to a covered display for refurbished tractors & implements. Possible alternative design could include remodeling current barn and adding covered structure to the south of the barn in the location of the current animal pens.

Ward	Begin Design	Begin Construction
6	2022	2022
Eligible for Percent for Arts?		No
Current Funding Request:		\$250,000
Total Appropriated:		\$0
Total City Project Cost:		\$250,000
Est. Project Balance: 09/30/2016		\$0

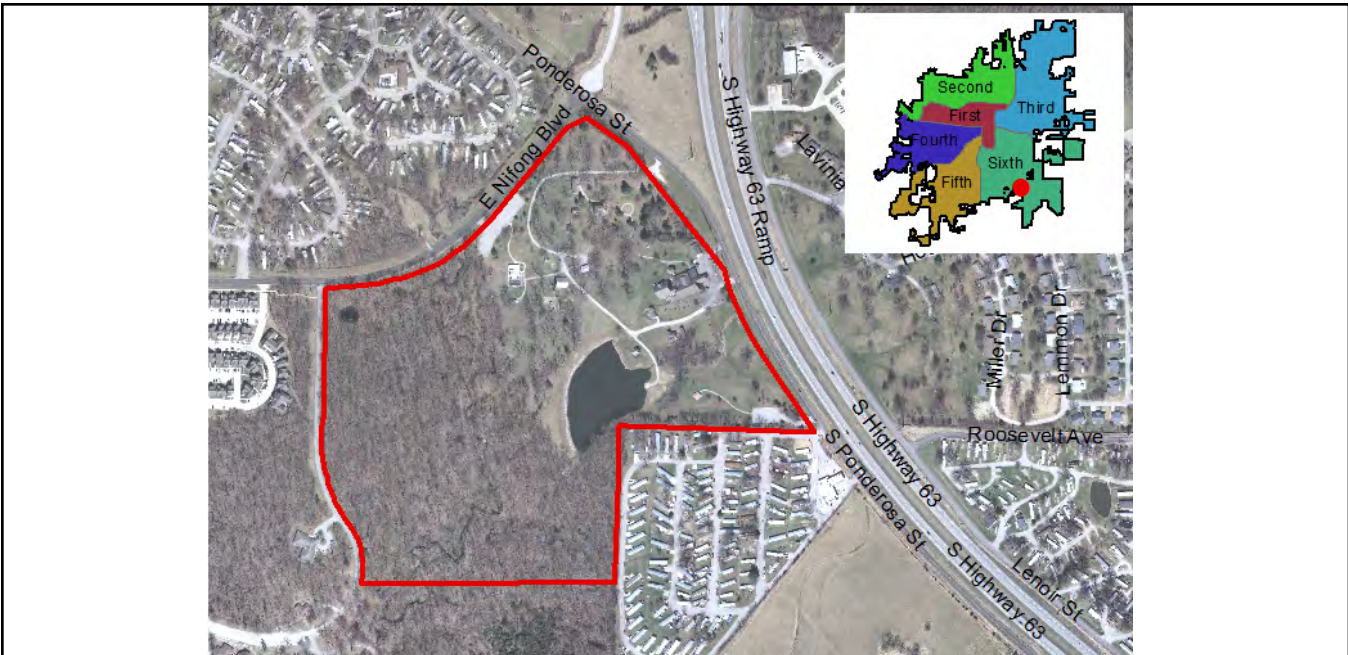
Current Status:
 Unfunded project. May have an individual interested in donation of historic equipment and farm implements as well as raise funds for this project.

Factors Effecting Timing/Completion of Project:
 Project is unfunded at this time.

Eligible Funding Sources:
 PST, future ballot issue

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2022	Unfunded	\$250,000
		\$250,000



Playground Improvements

Description:
 Replacement of designated playgrounds in the park system based on age, wear and non-compliance with ASTM playground guidelines. Replacement of playgrounds at Valleyview Park, Bear Creek Park and others to be determined.

Ward	Begin Design	Begin Construction
TBD	2023	2024
Eligible for Percent for Arts?		No
Current Funding Request:		\$200,000
Total Appropriated:		\$0
Total City Project Cost:		\$200,000
Est. Project Balance: 09/30/2016		\$0

Current Status:
 Unfunded project to replace aging playgrounds at designated parks in the park system. Funds will be used to replace playground structures and playground surfacing.

Factors Effecting Timing/Completion of Project:
 Project is unfunded at this time.

Eligible Funding Sources:
 Park Sales Tax, Future Ballot

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2024	Unfunded	\$200,000
		\$200,000

Proctor Park Improvements

Description:
Improvements to Proctor Park, including a shelter, playground and constructing a bridge connection to Bear Creek Trail.

Ward	Begin Design	Begin Construction
2	2022	2022
Eligible for Percent for Arts?		No
Current Funding Request:		\$105,000
Total Appropriated:		\$0
Total City Project Cost:		\$105,000
Est. Project Balance: 09/30/2016		\$0

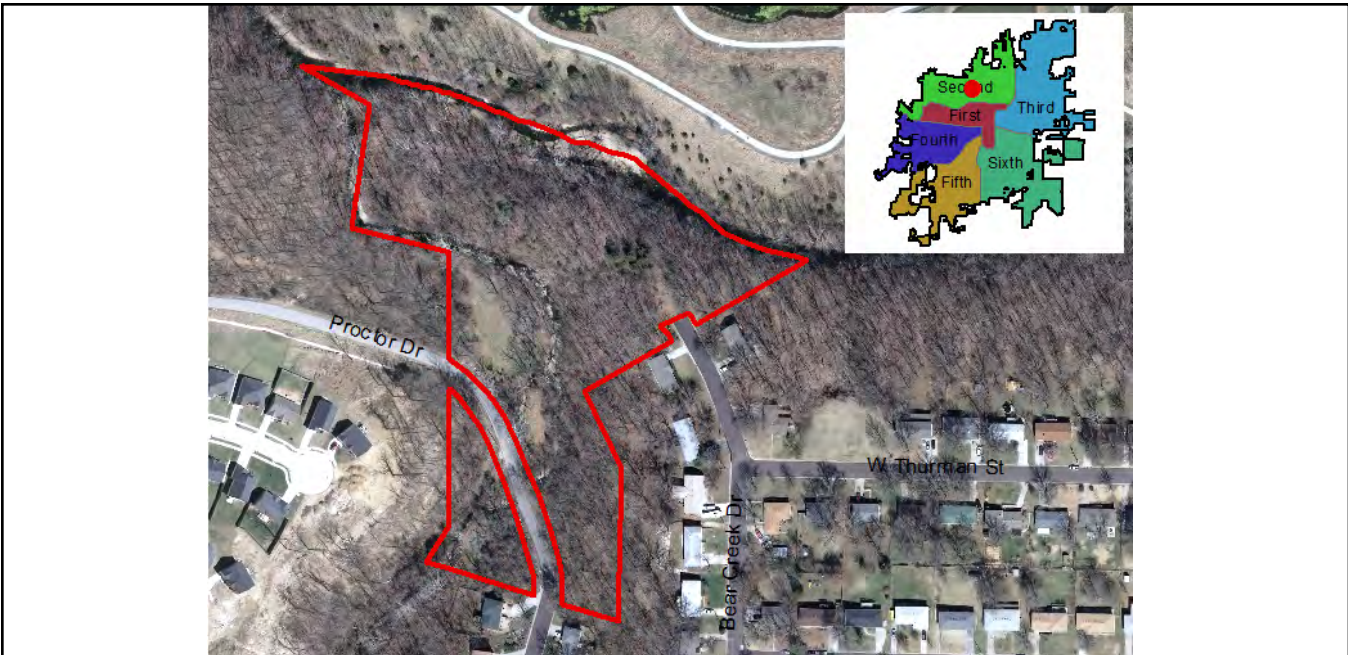
Current Status:
Unfunded. Concept only. Project would replace the old shelter (\$40,000) that was destroyed by flooding and replace playground (\$25,000) with new equipment and synthetic safety surface (\$25,000) and misc. park improvements (\$15,000).

Factors Effecting Timing/Completion of Project:
Project is unfunded at this time.

Eligible Funding Sources:
Park Sales Tax

Master Plan:
Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2022	Unfunded	\$105,000
		\$105,000



Racquetball Courts: Outdoor

Description:
Construction of 4-6 outdoor racquetball courts at a location to be determined.

Ward	Begin Design	Begin Construction
TBD	2023	2023
Eligible for Percent for Arts?		No
Current Funding Request:		\$45,000
Total Appropriated:		\$0
Total City Project Cost:		\$45,000
Est. Project Balance: 09/30/2016		\$0

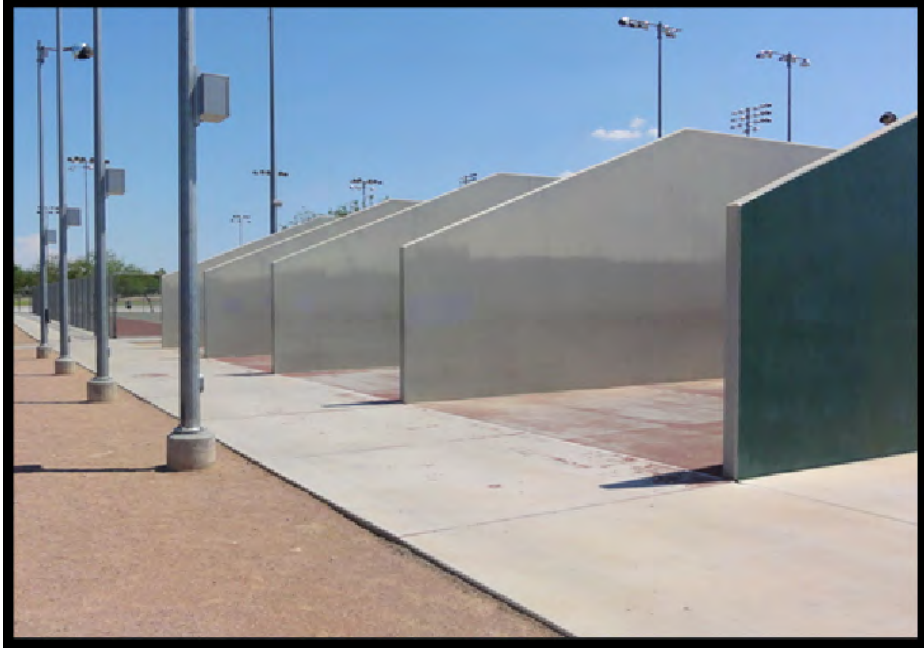
Current Status:
Unfunded. Concept. Construction of 4-6 outdoor concrete racquetball courts at a location to be determined.

Factors Effecting Timing/Completion of Project:
Project is unfunded at this time.

Eligible Funding Sources:
Park Sales Tax

Master Plan:
Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2023	Unfunded	\$45,000
		\$45,000

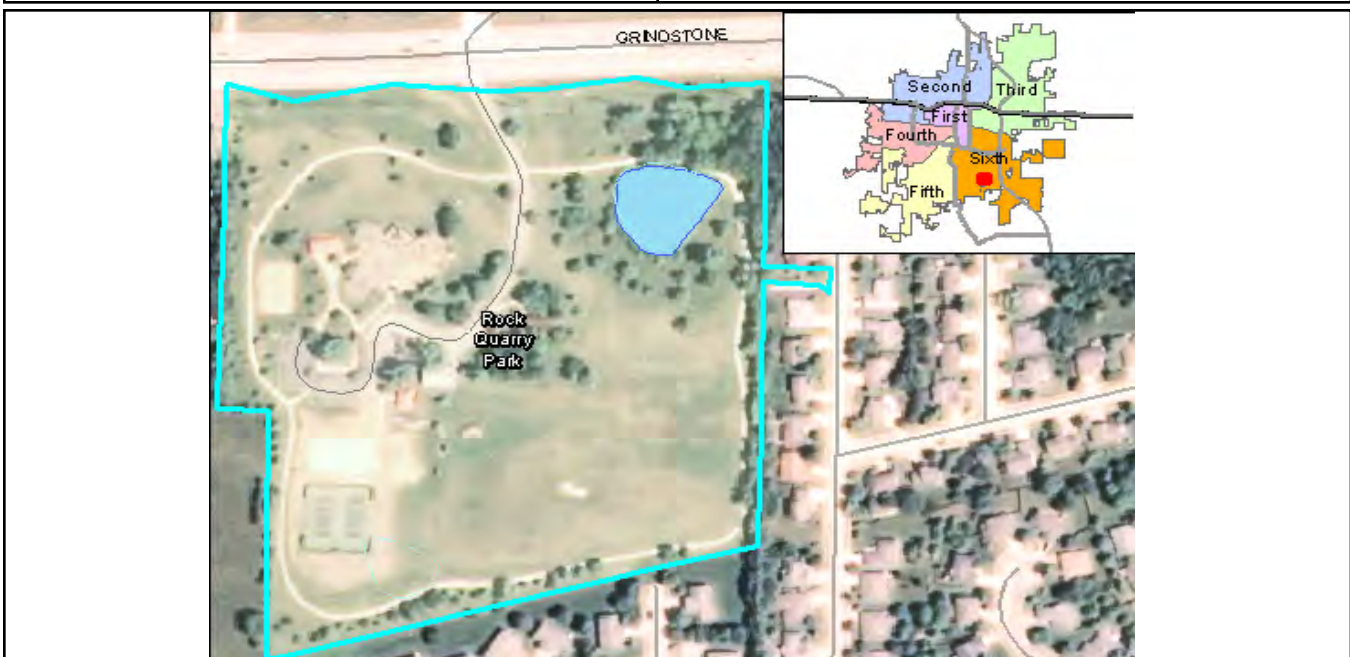


Rock Quarry Park: Building Improvements	Ward	Begin Design	Begin Construction
	6	2021	2022
	Description:		Eligible for Percent for Arts?
	Funding for improvements to the 50+ year old house and out buildings and parking lot expansion.		No
	Current Funding Request:		\$375,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$375,000
Est. Project Balance: 09/30/2016		\$0	

Current Status:
 Concept. Proposed improvements to the Rock Quarry Home (\$225,000), garage (\$85,000), parking lot expansion (\$50,000) and misc improvements (\$15,000).

Factors Effecting Timing/Completion of Project:
 Project is unfunded at this time.

Eligible Funding Sources: Park Sales Tax	FY	Eligible Funding Sources	Amount
	2022	Unfunded	\$375,000
			\$375,000
Master Plan: Parks, Recreation and Open Space			



Rock Quarry Park: Park & Trail Improvements

Description:
 Project includes renovation of the existing playground and surfacing, improvements to the trail and add parking.

Ward	Begin Design	Begin Construction
6	2023	2024
Eligible for Percent for Arts?		No
Current Funding Request:		\$200,000
Total Appropriated:		\$0
Total City Project Cost:		\$200,000
Est. Project Balance: 09/30/2016		\$0

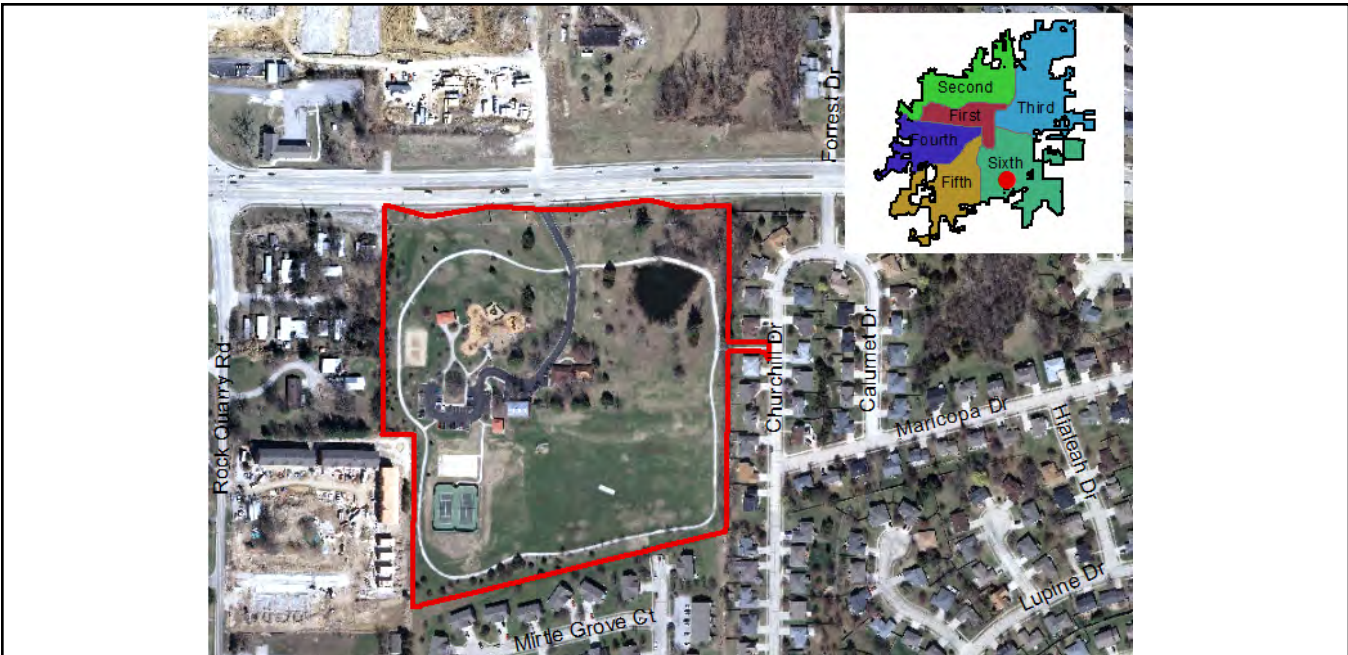
Current Status:
 Unfunded. Project will replace mulch safety surface with a synthetic product (\$50,000), replace the existing playground equipment (\$75,000), convert existing gravel trail to concrete (\$50,000), improvements to the playfield and backstop (\$10,000) and miscellaneous improvements to the park: lights, signs, tennis, basketball, etc. (\$15,000).

Factors Effecting Timing/Completion of Project:
 Project is unfunded at this time.

Eligible Funding Sources:
 Future Ballot Issue - Park Sales Tax

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2023	Unfunded	\$200,000
		\$200,000



Rothwell Park Improvements

Description:
 Proposed project is to renovate the existing trails and replace the playground safety surfacing with an all weather synthetic product.

Ward	Begin Design	Begin Construction
4	2022	2022
Eligible for Percent for Arts?		No
Current Funding Request:		\$95,000
Total Appropriated:		\$0
Total City Project Cost:		\$95,000
Est. Project Balance: 09/30/2016		\$0

Current Status:
 Unfunded. Concept. Project will replace the existing asphalt and gravel trail with concrete (\$55k), replace playground safety surfacing with synthetic material (\$25k) and misc park improvements (\$15k).

Factors Effecting Timing/Completion of Project:
 Project is unfunded at this time.

Eligible Funding Sources:
 Possible funding source is future renewal of Park Sales Tax

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2022	Unfunded	\$95,000
		\$95,000



Shepard Park Improvements

Description:
 Project includes renovations to the restroom, playground, playground safety surface and misc. park improvements.

Ward	Begin Design	Begin Construction
6	2023	2024
Eligible for Percent for Arts?		No
Current Funding Request:		\$80,000
Total Appropriated:		\$0
Total City Project Cost:		\$80,000
Est. Project Balance: 09/30/2016		\$0

Current Status:
 Unfunded. Concept. Project includes renovations to the restroom (\$15k), playground (\$25k), synthetic playground surface (\$25k) and misc improvements (\$15k).

Factors Effecting Timing/Completion of Project:
 Project is unfunded at this time.

Eligible Funding Sources:
 Possible funding source is future renewal of Park Sales Tax

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2024	Unfunded	\$80,000
		\$80,000



Smiley Lane Park Improvements

Description:
 Proposed project to replace playground safety surface with a synthetic product, convert gravel trail to concrete and miscellaneous park improvements.

Ward	Begin Design	Begin Construction
2	2021	2022
Eligible for Percent for Arts?		No
Current Funding Request:		\$45,000
Total Appropriated:		\$0
Total City Project Cost:		\$45,000
Est. Project Balance: 09/30/2016		\$0

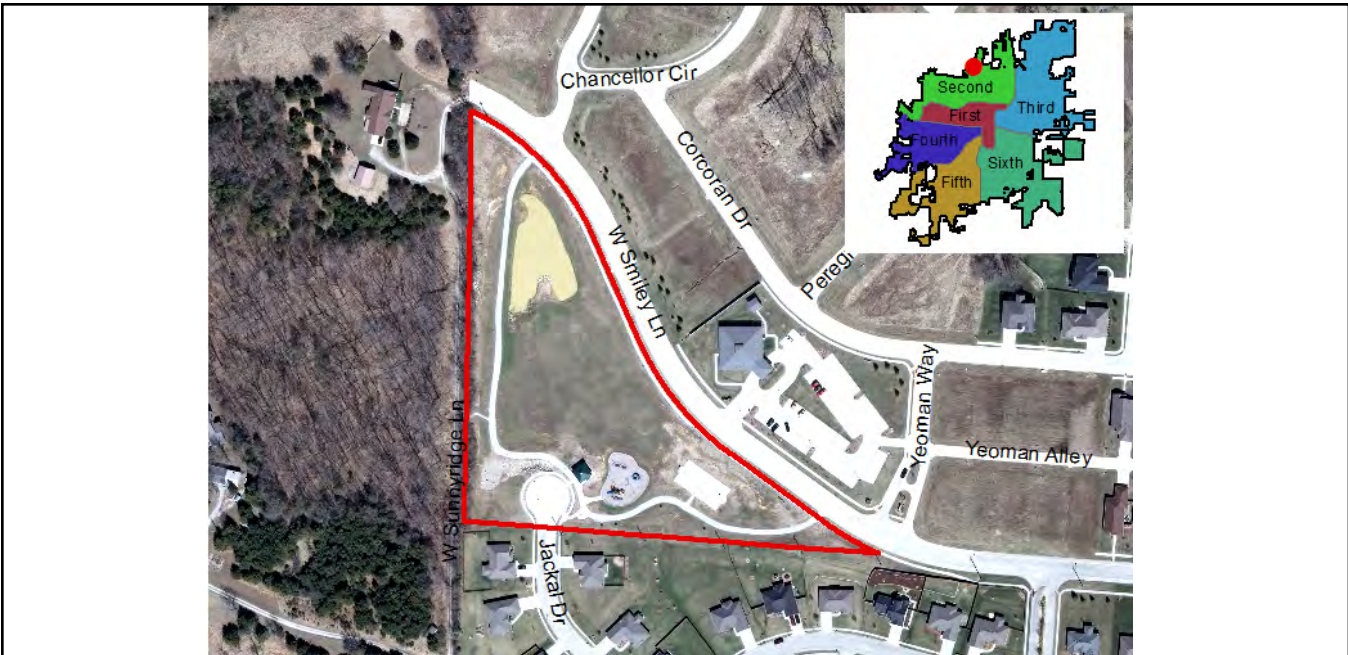
Current Status:
 Unfunded. Concept. Project will replace playground safety surface with a synthetic product (\$25k), convert gravel trail to concrete (\$15k) and miscellaneous park improvements (\$5k).

Factors Effecting Timing/Completion of Project:
 Project is unfunded at this time.

Eligible Funding Sources:
 Possible funding source is future renewal of Park Sales Tax

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2022	Unfunded	\$45,000
		\$45,000



Smithton Park Improvements

Description:
 Improvements to the existing facilities at Smithton Neighborhood Park including the backstop, playground, playground safety surface and trail.

Ward	Begin Design	Begin Construction
1	2024	2024
Eligible for Percent for Arts?		No
Current Funding Request:		\$98,000
Total Appropriated:		\$0
Total City Project Cost:		\$98,000
Est. Project Balance: 09/30/2016		\$0

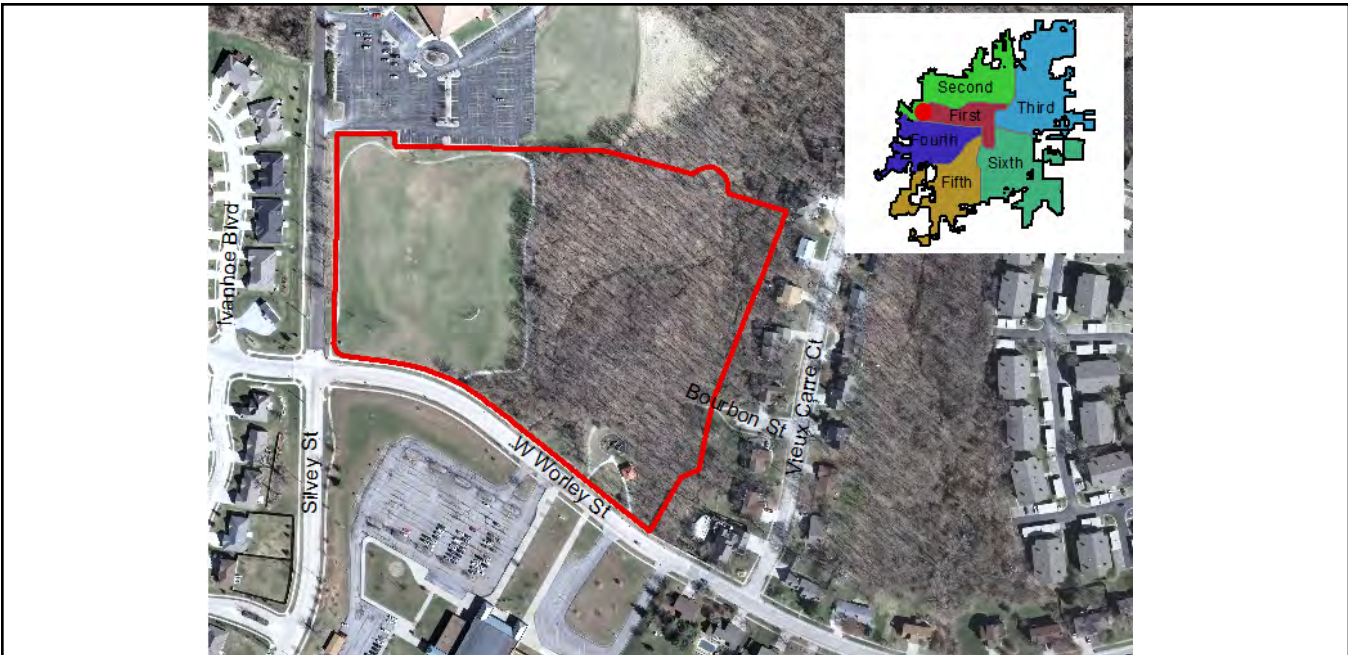
Current Status:
 Unfunded. Concept. Improvements to the backstop and field (\$10k), playground (\$25k), synthetic playground safety surface (\$25k), paving the gravel trail (\$23k) and misc park improvements (\$15k).

Factors Effecting Timing/Completion of Project:
 Project is unfunded at this time.

Eligible Funding Sources:
 Possible funding source is future renewal of Park Sales Tax

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2024	Unfunded	\$98,000
		\$98,000



Stephens Lake Park: Botanical Garden Improvements

Description:
 This projects includes the development of botanical garden portion of the park including tree, flower and shrub collections, informal nature trails, a wetland demonstration area and prairie restoration area.

Ward	Begin Design	Begin Construction
3	2022	2022
Eligible for Percent for Arts?		No
Current Funding Request:		\$140,000
Total Appropriated:		\$0
Total City Project Cost:		\$140,000
Est. Project Balance: 09/30/2016		\$0

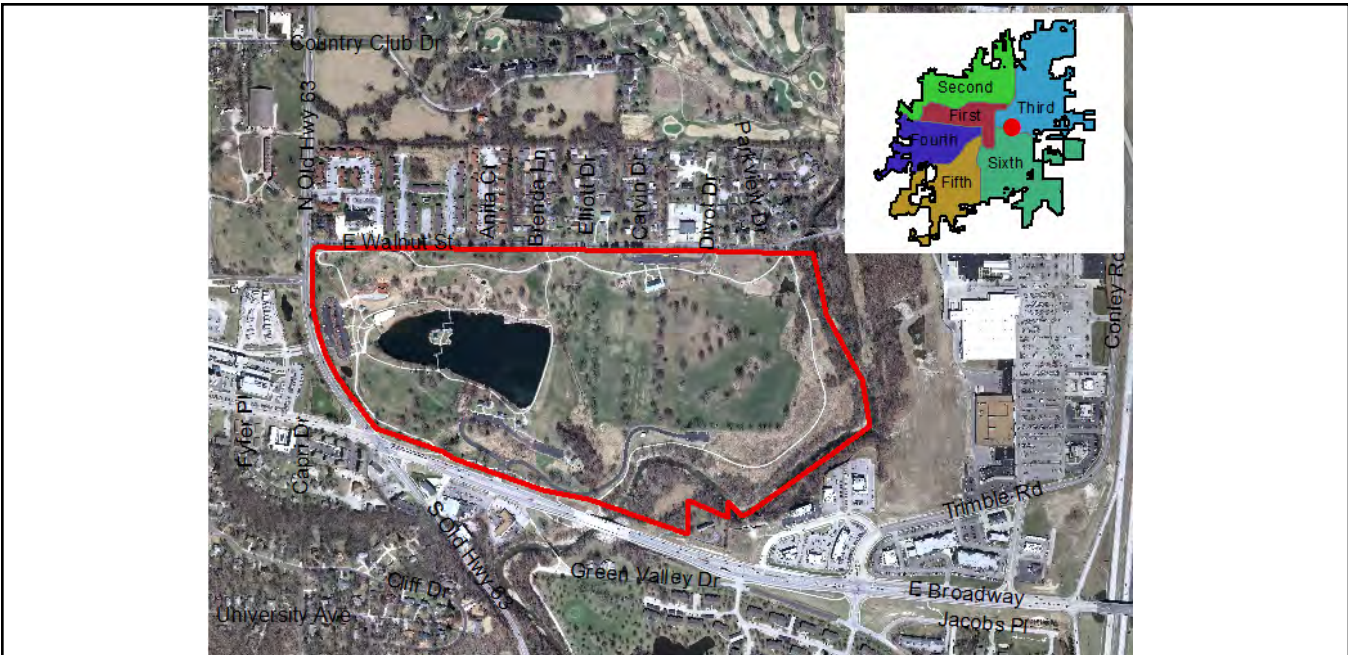
Current Status:
 Unfunded. This projects includes the development of informal garden nature trails (\$10k), fruit tree collection (\$20k), wetland demonstration area (\$50k), shrub and perennial collection (\$20k), prairie restoration area (\$20k) and ornamental tree collection (\$20k).

Factors Effecting Timing/Completion of Project:
 Project is unfunded at this time.

Eligible Funding Sources:
 Park Sales Tax

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2022	Unfunded	\$140,000
		\$140,000



Stephens Lake Park: E. Walnut Development

Description:
 Project will construct a large shelter, playground, restroom and 120 car parking lot north of lake with entry off of East Walnut Street.

Ward	Begin Design	Begin Construction
3	2022	2022
Eligible for Percent for Arts?		No
Current Funding Request:		\$450,000
Total Appropriated:		\$0
Total City Project Cost:		\$450,000
Est. Project Balance: 09/30/2016		\$0

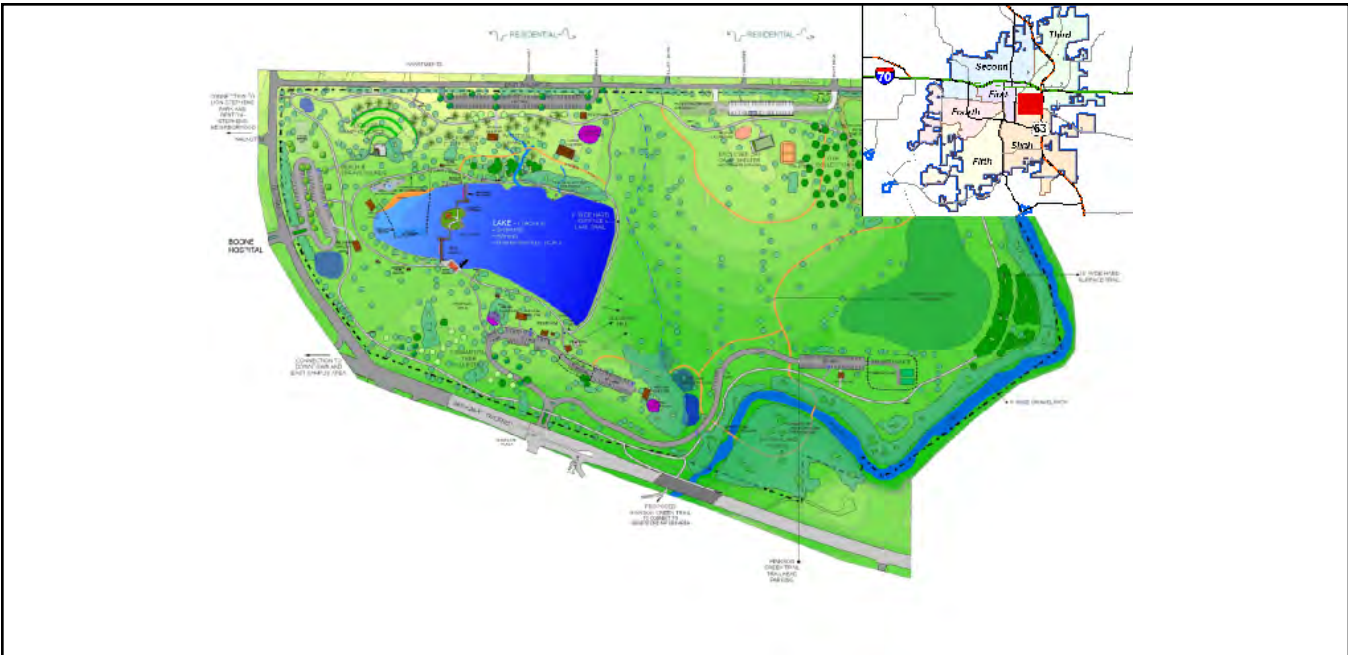
Current Status:
 Unfunded. Project will construct a 120 space parking lot (\$125k), large shelter (\$125k), restroom (\$150k) and playground (\$50k) off of East Walnut.

Factors Effecting Timing/Completion of Project:
 Project is unfunded at this time.

Eligible Funding Sources:
 Future renewal of Park Sales Tax

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2022	Unfunded	\$450,000
		\$450,000



Stephens Lake Park: Lake & Sprayground Improvement

Description:
 This project includes improvements to the sprayground and a new medium shelter, beach changing room, and misc improvements. Shelter to be located off of Old 63 lot & may be used for special events such as Art in the Park.

Ward	Begin Design	Begin Construction
3	2022	2023
Eligible for Percent for Arts?		No
Current Funding Request:		\$190,000
Total Appropriated:		\$0
Total City Project Cost:		\$190,000
Est. Project Balance: 09/30/2016		\$0

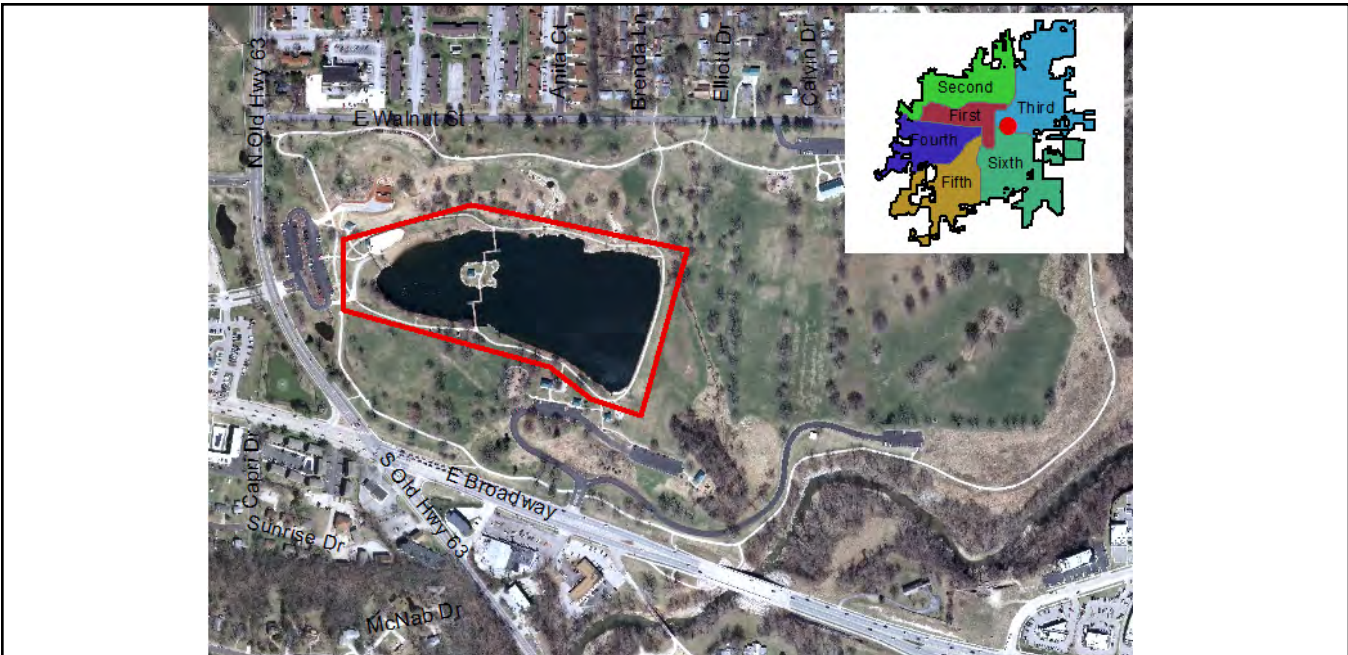
Current Status:
 Unfunded. This project includes improvements to the sprayground (\$70k), a new medium shelter (\$80k), beach changing room (\$25k), and misc improvements (\$15k).

Factors Effecting Timing/Completion of Project:
 Project is unfunded at this time.

Eligible Funding Sources:
 Park Sales Tax

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2023	Unfunded	\$190,000
		\$190,000



Stephens Lake Park: Playground Improvements

Description:
 Replacing existing mulch playground safety surface with a synthetic safety surface.

Ward	Begin Design	Begin Construction
3	2022	2022
Eligible for Percent for Arts?		No
Current Funding Request:		\$150,000
Total Appropriated:		\$0
Total City Project Cost:		\$150,000
Est. Project Balance: 09/30/2016		\$0

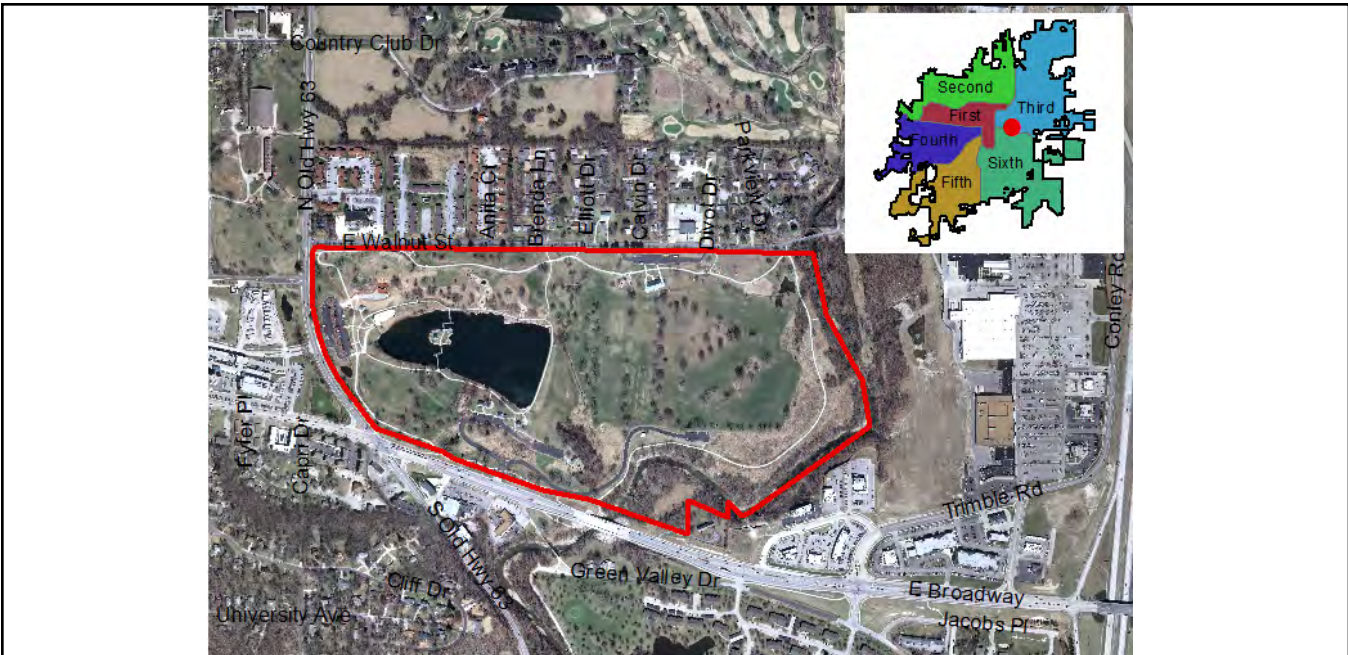
Current Status:
 Unfunded. Replace existing mulch playground safety surface with a synthetic safety surface at Stephens Lake Park playground.

Factors Effecting Timing/Completion of Project:
 Project is unfunded at this time.

Eligible Funding Sources:
 Park Sales Tax

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2022	Unfunded	\$150,000
		\$150,000



Stephens Lake Park: SE Trailhead Improvements

Description:
 This area serves as a trailhead for the Hinkson Trail and connects to the Hominy Creek Trail. Proposed improvements to the southeast section of the park includes a new restroom, parking lot expansion, drinking fountain, and maintenance area.

Ward	Begin Design	Begin Construction
3	2022	2022
Eligible for Percent for Arts?		No
Current Funding Request:		\$175,000
Total Appropriated:		\$0
Total City Project Cost:		\$175,000
Est. Project Balance: 09/30/2016		\$0

Current Status:
 Unfunded. Concept. May become a higher priority as the Hinkson Creek Trail is constructed to the north of Stephens Lake Park.

Factors Effecting Timing/Completion of Project:
 Project is unfunded at this time.

Eligible Funding Sources:
 Possible funding source is future renewal of Park Sales Tax

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2022	Unfunded	\$175,000
		\$175,000



Synthetic Turf - Athletic Field

Description:
 Installation of synthetic turf on one athletic field in order to host games, tournaments and events without fear of cancellation due to inclement weather. Location to be determined through public input and location needs.

Ward	Begin Design	Begin Construction
TBD	2023	2024
Eligible for Percent for Arts?		No
Current Funding Request:		\$800,000
Total Appropriated:		\$0
Total City Project Cost:		\$800,000
Est. Project Balance: 09/30/2016		\$0

Current Status:
 Unfunded project to install synthetic turf on one athletic field in order to host large tournaments and events without fear of cancellation due to inclement weather. Potential location to be determined based on public input and need for field. Synthetic turf field would be used for soccer, football, lacrosse and other sports as needed.

Factors Effecting Timing/Completion of Project:
 Project is unfunded at this time.

Eligible Funding Sources:
 Future ballot issue, donations, grants, RSR

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2024	Unfunded	\$800,000
		\$800,000



Tennis Courts: Enclose 4 Courts with Air Structure

Description:
 Project includes the construction of an air structure over a 4-court complex. Project location is to be determined pending analysis of which courts will work best.

Ward	Begin Design	Begin Construction
TBD	2021	2022
Eligible for Percent for Arts?		No
Current Funding Request:		\$400,000
Total Appropriated:		\$0
Total City Project Cost:		\$400,000
Est. Project Balance: 09/30/2016		\$0

Current Status:
 Unfunded. Potential locations include Cosmo-Bethel or Cosmo Rec Area tennis courts.

Factors Effecting Timing/Completion of Project:
 Project is unfunded at this time.

Eligible Funding Sources:
 Park Sales Tax, Donations

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2022	Unfunded	\$400,000
		\$400,000



Twin Lakes Rec Area: Aquatic Facility-Pool

Description:
Construct a 25 meter swimming pool at Little Mates Cove in the Twin Lakes Recreation Area.

Ward	Begin Design	Begin Construction
4	2024	2025
Eligible for Percent for Arts?		No
Current Funding Request:		\$1,500,000
Total Appropriated:		\$0
Total City Project Cost:		\$1,500,000
Est. Project Balance: 09/30/2016		\$0

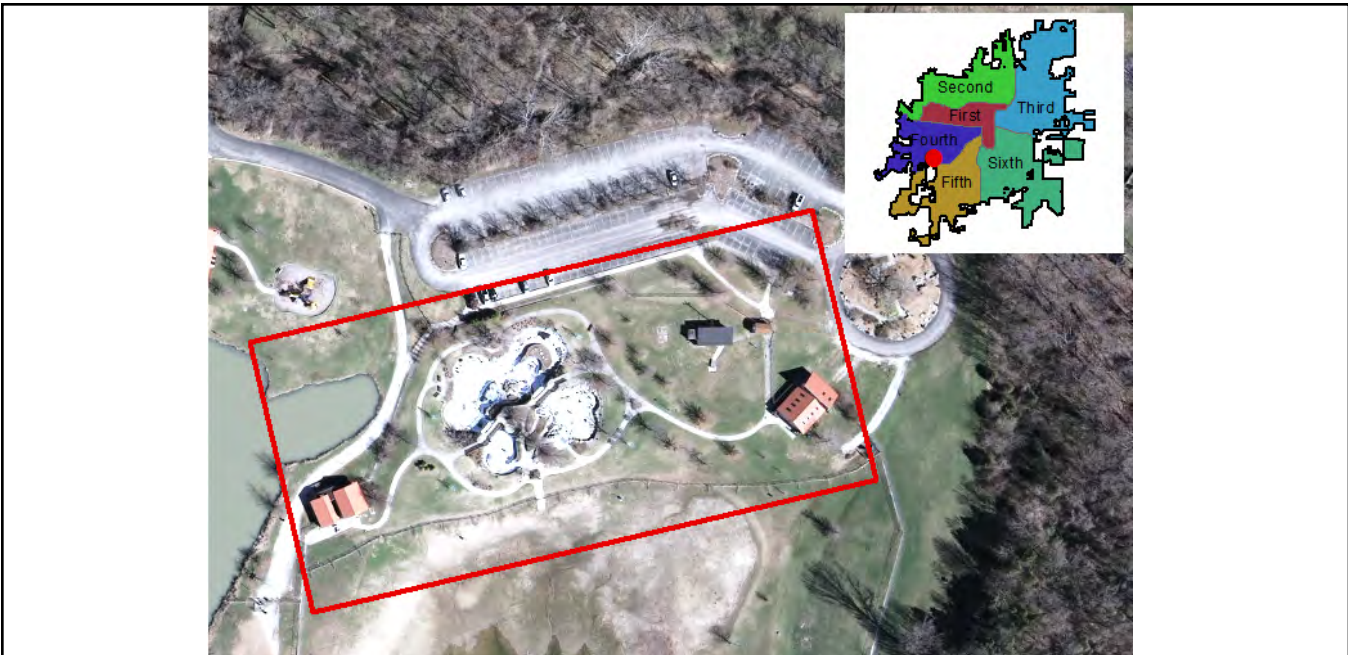
Current Status:
Unfunded. Concept. Public input indicated a desire for a chlorinated swimming pool to replace the closed lake swimming area.

Factors Effecting Timing/Completion of Project:
Project is unfunded at this time.

Eligible Funding Sources:
Possible renewal of Park Sales Tax, Rec Services User Fee funds

Master Plan:
Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2024	Unfunded	\$1,500,000
		\$1,500,000



Twin Lakes Rec Area: Lake & Misc Park Improvements

Description:
Improvements to the large lake, playground, playfield, parking lot and addition of a deep well.

Ward	Begin Design	Begin Construction
4	2021	2022
Eligible for Percent for Arts?		No
Current Funding Request:		\$411,500
Total Appropriated:		\$0
Total City Project Cost:		\$411,500
Est. Project Balance: 09/30/2016		\$0

Current Status:
Unfunded. Concept plan includes lake improvements (\$150k), deep well (\$100k), develop playfield (\$10k), synthetic playground surface (\$50k), new single table shelters (\$16,500), 30 parking spaces (\$70k) and misc park improvements (\$15k).

Factors Effecting Timing/Completion of Project:
Project is unfunded at this time.

Eligible Funding Sources:
Park Sales Tax

Master Plan:
Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2022	Unfunded	\$411,500
		\$411,500



Valleyview Park Improvements

Description:
 Proposed improvements include new playground safety surface, replacing gravel trail with concrete, addition of outdoor fitness equipment and misc park improvements.

Ward	Begin Design	Begin Construction
2	2023	2023
Eligible for Percent for Arts?		No
Current Funding Request:		\$130,000
Total Appropriated:		\$0
Total City Project Cost:		\$130,000
Est. Project Balance: 09/30/2016		\$0

Current Status:
 Unfunded. Concept.

Factors Effecting Timing/Completion of Project:
 Project is unfunded at this time.

Eligible Funding Sources:
 Possible funding source is future renewal of Park Sales Tax

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2023	Unfunded	\$130,000
		\$130,000



Waters-Moss Develop Phase II: Waters & Jones Bldgs

Description:
 Second phase development includes renovating the former Waters & Jones homes and misc. park improvements.

Ward	Begin Design	Begin Construction
6	2022	2023
Eligible for Percent for Arts?		No
Current Funding Request:		\$125,000
Total Appropriated:		\$0
Total City Project Cost:		\$125,000
Est. Project Balance: 09/30/2016		\$0

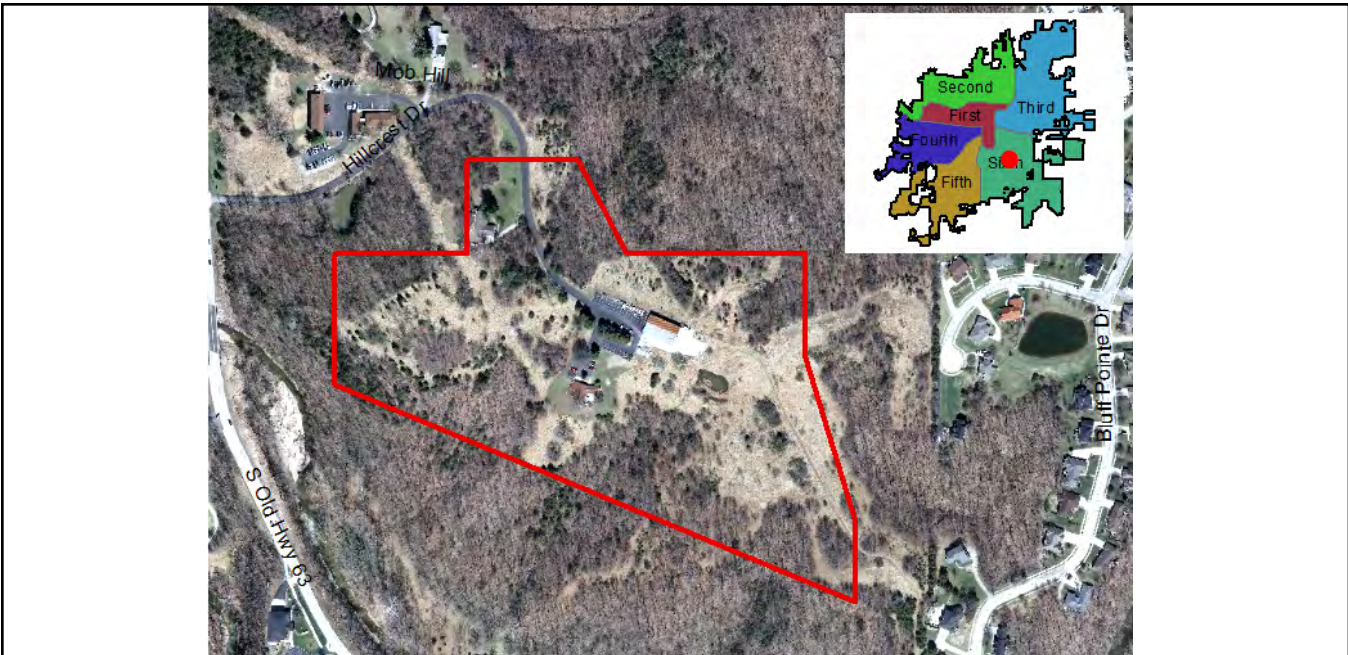
Current Status:
 Unfunded. Second phase development of the Waters-Moss Property includes renovating the former Waters home, Jones home and misc park improvements.

Factors Effecting Timing/Completion of Project:
 Project is unfunded at this time.

Eligible Funding Sources:
 Future ballot issue, Park Sales Tax

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2022	Unfunded	\$125,000
		\$125,000



Westwinds Park Improvements

Description:
 Improvements include renovation of playground and safety surfacing material and converting existing gravel trail to concrete.

Ward	Begin Design	Begin Construction
4	2021	2022
Eligible for Percent for Arts?		No
Current Funding Request:		\$75,000
Total Appropriated:		\$0
Total City Project Cost:		\$75,000
Est. Project Balance: 09/30/2016		\$0

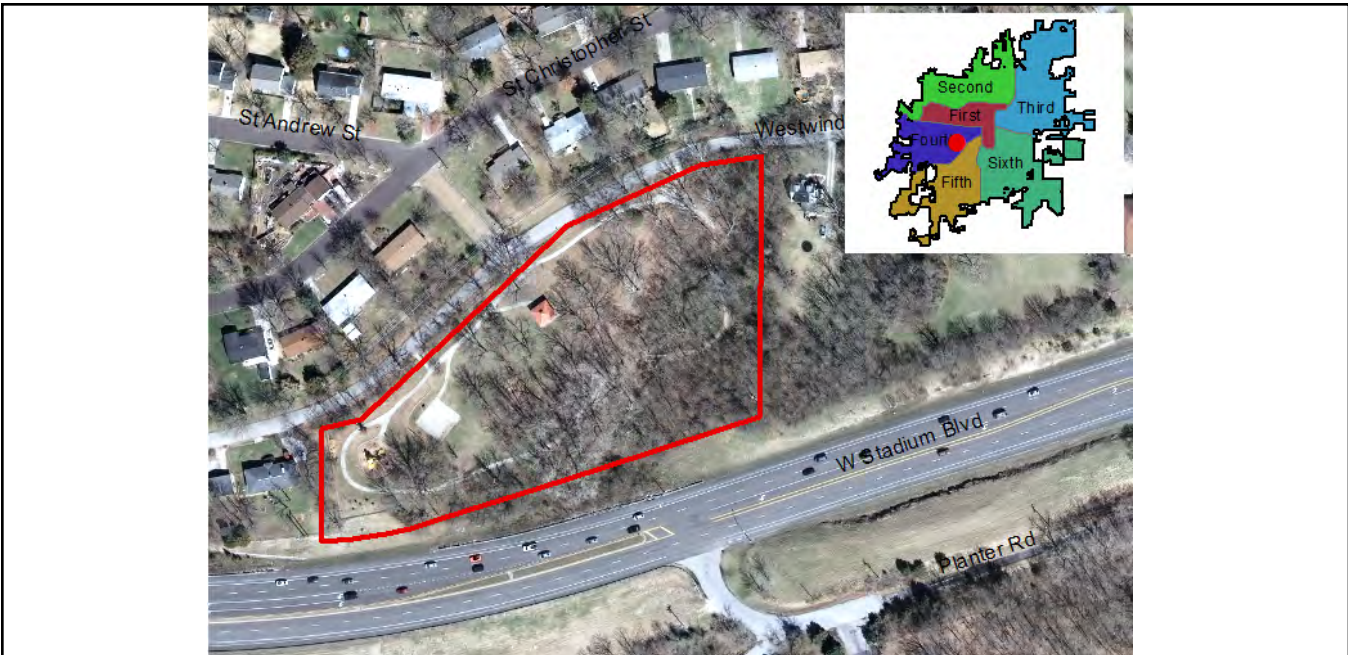
Current Status:
 Unfunded. Concept. Project includes improvements to the playground, replacing existing playground surfacing with synthetic product, converting the existing gravel trail to concrete and misc improvements such as signs, fencing and a shelter.

Factors Effecting Timing/Completion of Project:
 Project is unfunded at this time.

Eligible Funding Sources:
 Possible funding source is future renewal of Park Sales Tax

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2022	Unfunded	\$75,000
		\$75,000



Bear Creek Trail Renovation: Creasy to Skatepark

Description:
 Hard surface of trail due to washout areas and re-grading to lessen slopes of the big hill on BCT connecting Cosmo Skate Park to Creasy Springs trailhead. Part of Twin Lakes Vanderveen bikeway. (see C00353)

Ward	Begin Design	Begin Construction
2	2022	2022
Eligible for Percent for Arts?		No
Current Funding Request:		\$1,075,000
Total Appropriated:		\$0
Total City Project Cost:		\$1,075,000
Est. Project Balance: 09/30/2016		\$0

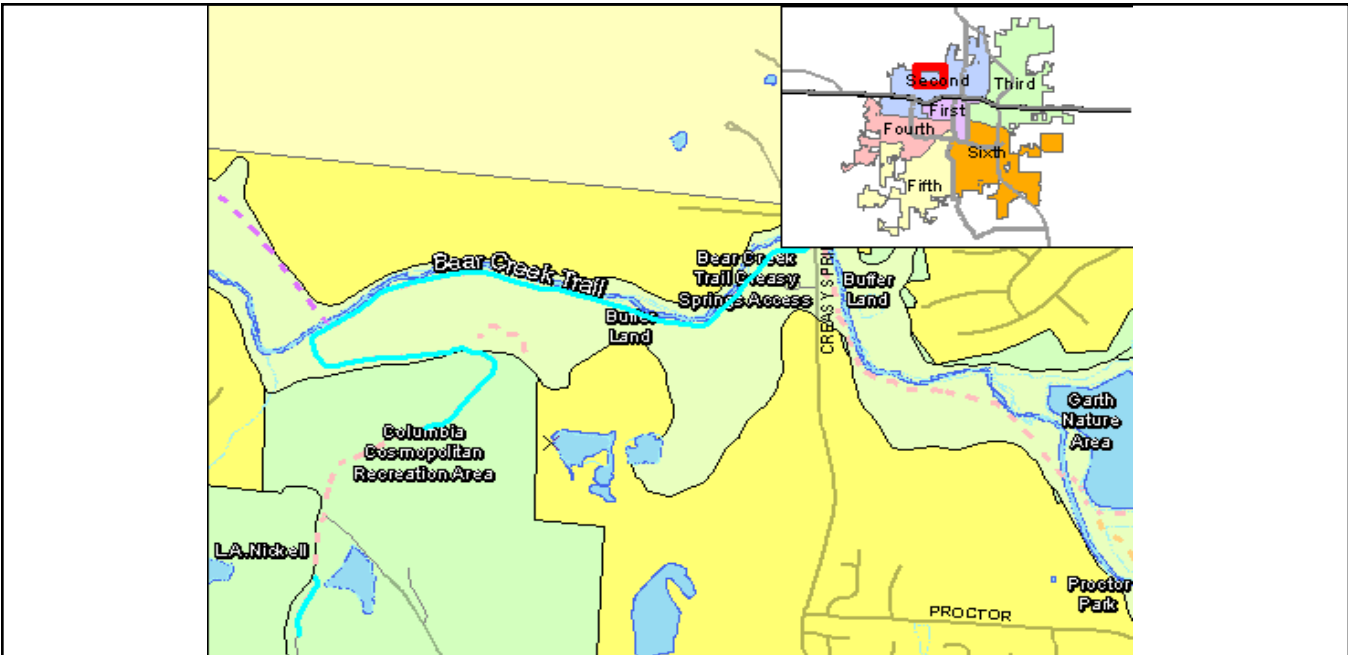
Current Status:
 Unfunded. Project was proposed for non-motorized grant (GNM) funding and is now a proposed unfunded trail project. Trail study was funded by GNM.

Factors Effecting Timing/Completion of Project:
 Project is unfunded at this time.

Eligible Funding Sources:
 Parks Sales Tax

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2022	Unfunded	\$1,075,000
		\$1,075,000



Bear Creek Trail: Albert-Oakland Park to Lange

Description:
 Extension of Bear Creek Trail from Albert-Oakland Park (Blue Ridge Rd.) to Lange Middle School.

Ward	Begin Design	Begin Construction
2	2023	2024
Eligible for Percent for Arts?		No
Current Funding Request:		\$950,000
Total Appropriated:		\$0
Total City Project Cost:		\$950,000
Est. Project Balance: 09/30/2016		\$0

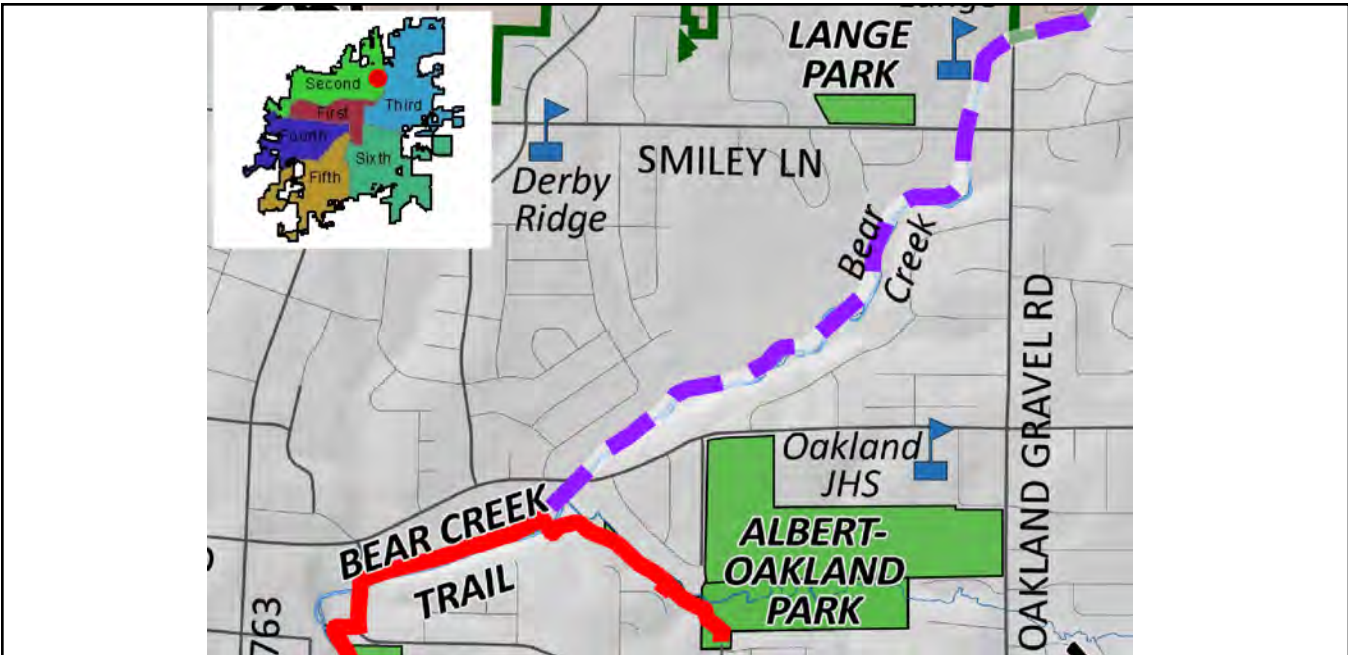
Current Status:
 Funding dependent on future ballot - Project was proposed but not funded for non-motorized grant funding and is now a proposed unfunded trail project.

Factors Effecting Timing/Completion of Project:
 Funding dependent on future ballot. Acquisition.

Eligible Funding Sources:
 Future Ballot Issue - Parks Sales Tax, Grant

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2023	Unfunded	\$950,000
		\$950,000



Bear Creek Trail: CCRA to Blackfoot Rd.

Description:
 A trail connecting from the Bear Creek Trail in the northwest part of Cosmo Park along the Bear Creek up to Blackfoot Rd. This is approximately 0.5 miles and involves one bridge over Bear Creek.

Ward	Begin Design	Begin Construction
2	2023	2023
Eligible for Percent for Arts?		No
Current Funding Request:		\$500,000
Total Appropriated:		\$0
Total City Project Cost:		\$500,000
Est. Project Balance: 09/30/2016		\$0

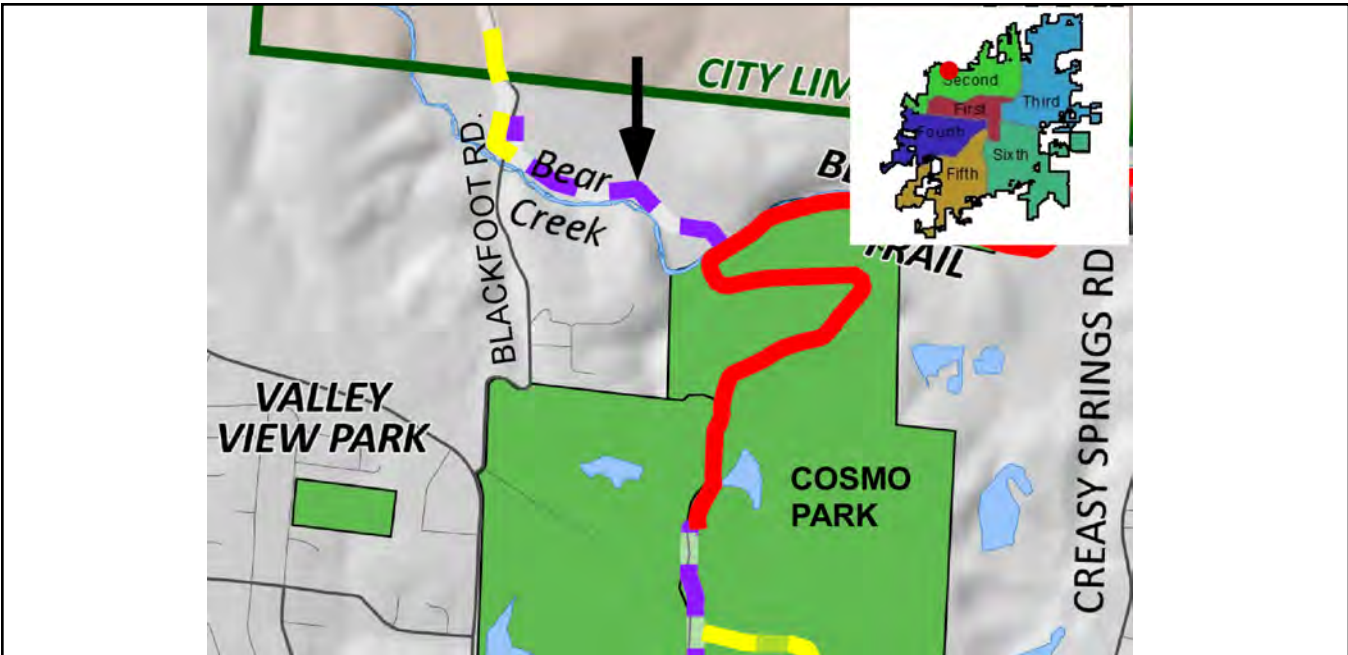
Current Status:
 Unfunded proposed trail project.

Factors Effecting Timing/Completion of Project:
 Project is unfunded at this time.

Eligible Funding Sources:
 Park Sales Tax

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2023	Unfunded	\$500,000
		\$500,000



Bear Creek Trail: Hard Surface Wash/Problem

Description:
Upgrade Bear Creek Trail to hard surface for wash out/problem areas/demonstration.

Ward	Begin Design	Begin Construction
2	2022	2022
Eligible for Percent for Arts?		No
Current Funding Request:		\$710,000
Total Appropriated:		\$0
Total City Project Cost:		\$710,000
Est. Project Balance: 09/30/2016		\$0

Current Status:
Unfunded - Project was originally proposed for Non-motorized grant funding but was not selected as a project. This is now a proposed unfunded trail project.

Factors Effecting Timing/Completion of Project:
Project is unfunded at this time.

Eligible Funding Sources:
Future Ballot Issue - Parks Sales Tax

Master Plan:
Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2022	Unfunded	\$710,000
		\$710,000

Bear Creek Trail washout after storm

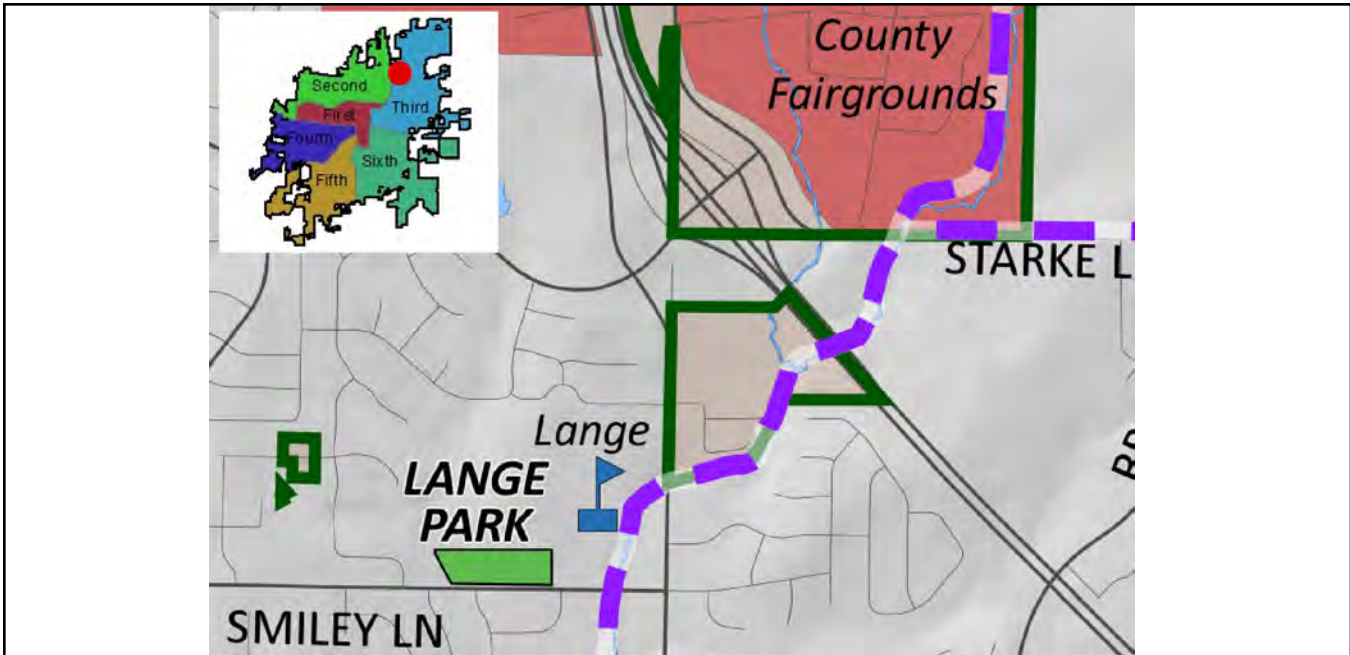


Bear Creek Trail: Lange to Fairgrounds Description: Connecting Lange School to Fairgrounds/Atkins Tract.	Ward	Begin Design	Begin Construction
	2,3	2023	2023
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$2,600,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$2,600,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
 Unfunded. Staff is reviewing plats as they are submitted in order to secure easements when available.

Factors Effecting Timing/Completion of Project:
 Project is unfunded at this time.

Eligible Funding Sources: Park Sales Tax, Grant Master Plan: Parks, Recreation and Open Space	FY	Eligible Funding Sources	Amount
	2023	Unfunded	\$2,600,000 \$2,600,000



COLT RR Trail Ph 1: Columbia College to Vandiver

Description:
 1.5 miles of trail along Colt railroad connecting Columbia College area to Vandiver Rd along Colt RR ROW. Detailed cost estimates have not been created. Bridges over Business Loop 70 and I-70 may be very expensive.

Ward	Begin Design	Begin Construction
3	2023	2024
Eligible for Percent for Arts?		No
Current Funding Request:		\$3,000,000
Total Appropriated:		\$0
Total City Project Cost:		\$3,000,000
Est. Project Balance: 09/30/2016		\$0

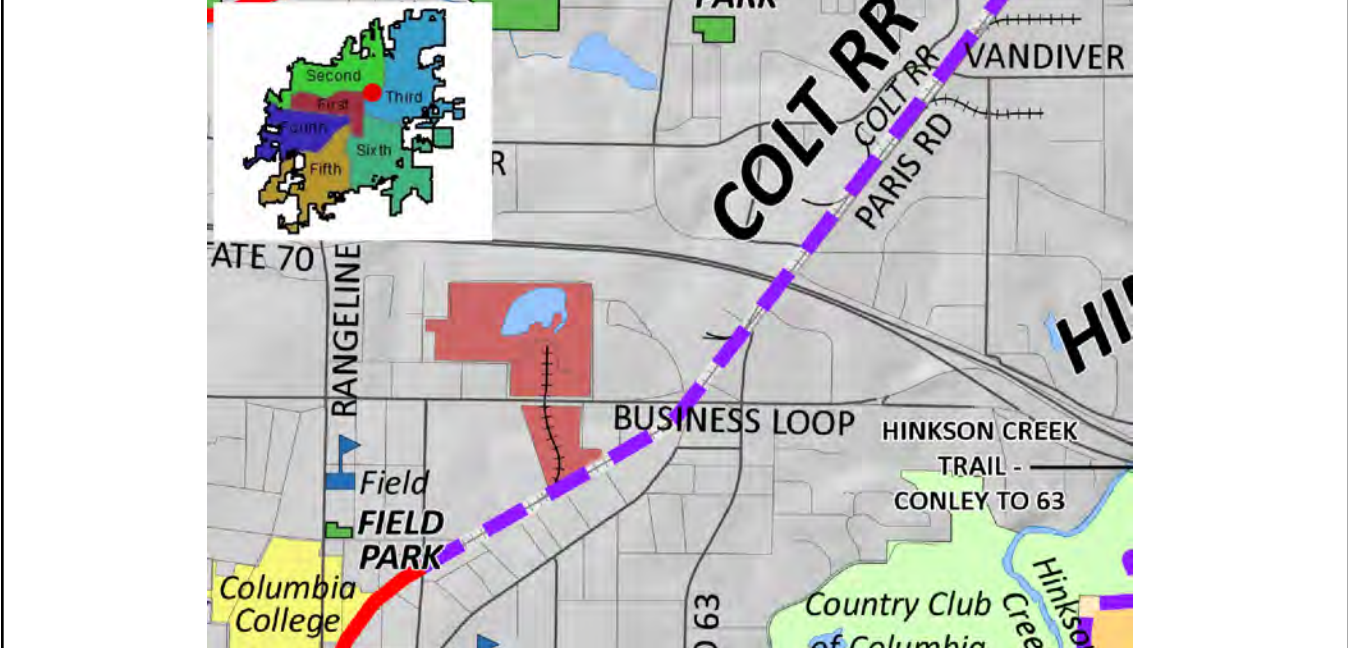
Current Status:
 Proposed unfunded trail

Factors Effecting Timing/Completion of Project:
 Project is unfunded at this time.

Eligible Funding Sources:
 Future ballot issue, grant, federal funds

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2024	Unfunded	\$3,000,000
		\$3,000,000

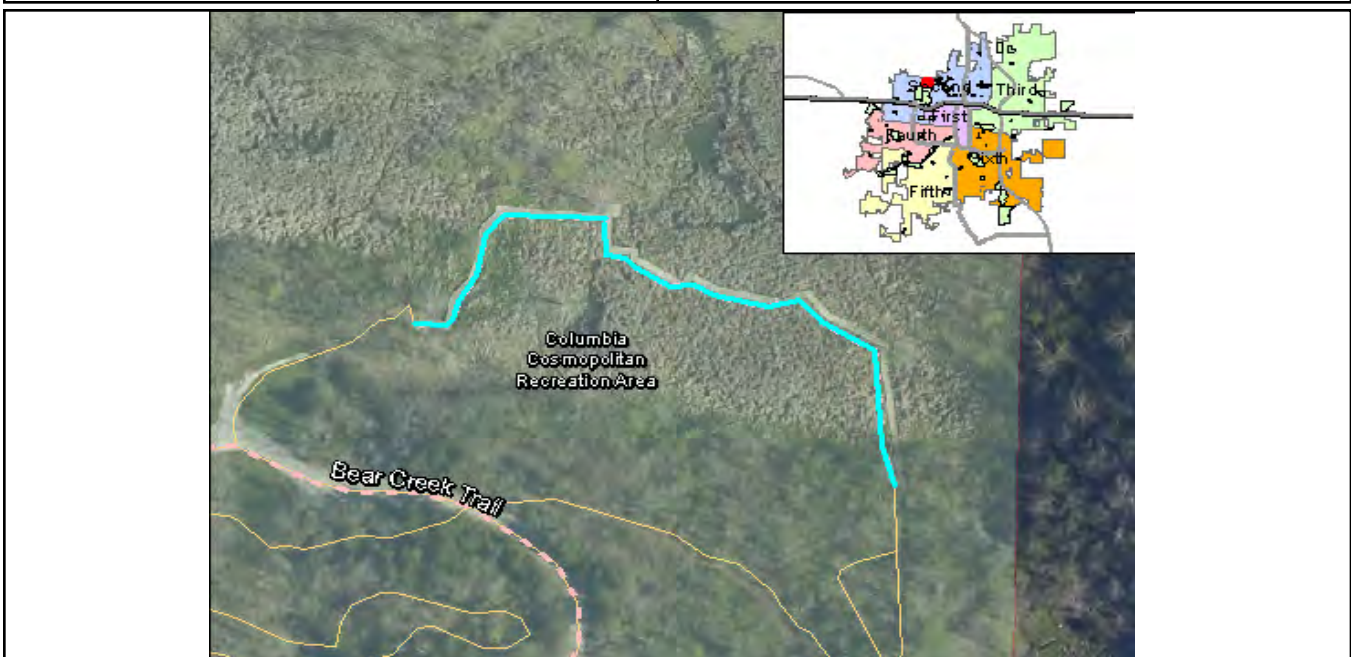


<p>Cosmo Park Bear Creek Boardwalk Renovation</p> <p>Description: Replace wooden boardwalk on Bear Creek Nature Trail in Columbia Cosmopolitan Recreation Area (CCRA)</p>	Ward	Begin Design	Begin Construction
	2	2022	2023
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$125,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$125,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
Unfunded. The wooden boardwalk is approx 20 yrs old and repairs are not sufficient.

Factors Effecting Timing/Completion of Project:
Funding and cost of replacement products.

<p>Eligible Funding Sources: Park Sales Tax</p> <p>Master Plan: Parks, Recreation and Open Space</p>	FY	Eligible Funding Sources	Amount
	2023	Unfunded	\$125,000
			\$125,000



Cosmo Park Trail-Stadium Diverging Diamond to BCT

Description:
 Construct a concrete north-south trail from the existing Bear Creek Trail to the asphalt Cosmo Fitness Trail and from the Cosmo Fitness Trail to the proposed Stadium and I-70 diverging diamond.

Ward	Begin Design	Begin Construction
2	2022	2022
Eligible for Percent for Arts?		No
Current Funding Request:		\$700,000
Total Appropriated:		\$0
Total City Project Cost:		\$700,000
Est. Project Balance: 09/30/2016		\$0

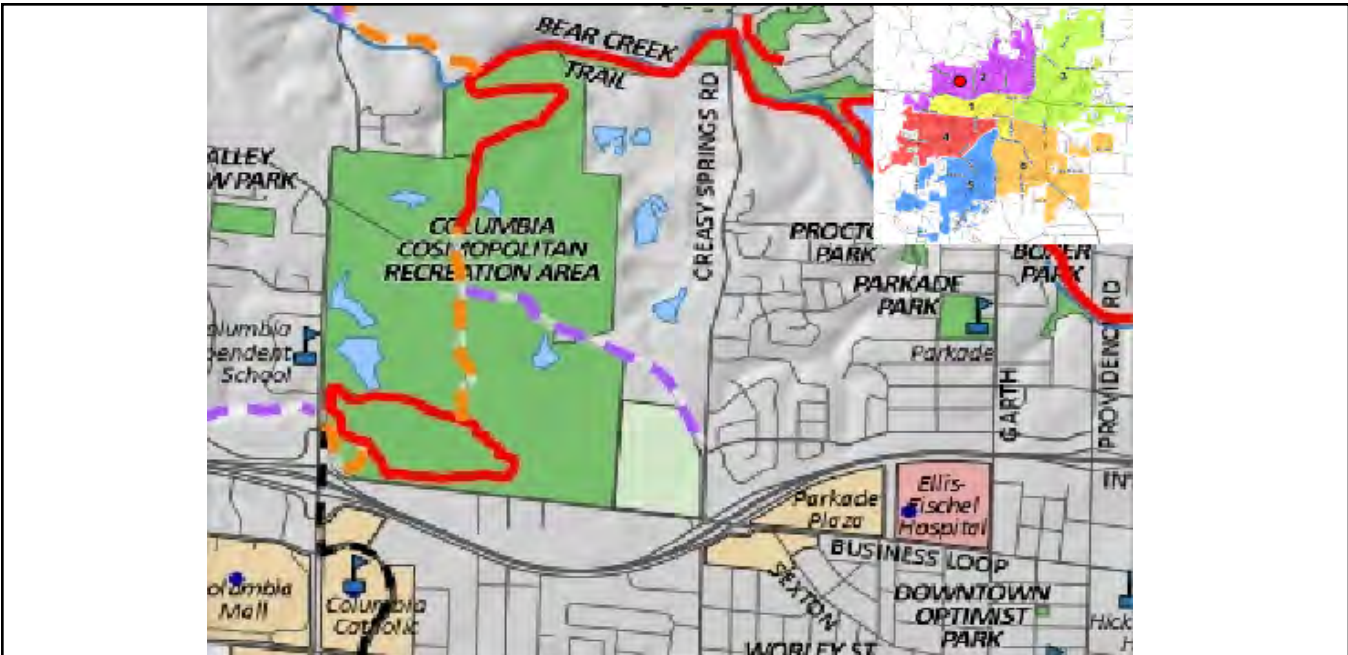
Current Status:
 Proposed unfunded project.

Factors Effecting Timing/Completion of Project:
 Project is unfunded at this time.

Eligible Funding Sources:
 Park Sales Tax

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2022	Unfunded	\$700,000
		\$700,000



Cow Branch: Providence to Auburn Hills

Description:

Cow Branch Trail from Providence Road to Auburn Hills Park. Project includes 1.4 miles of concrete trail, 1 bridge, 3 on-grade crossings.

Ward	Begin Design	Begin Construction
2	2022	2023
Eligible for Percent for Arts?		No
Current Funding Request:		\$1,820,000
Total Appropriated:		\$0
Total City Project Cost:		\$1,820,000
Est. Project Balance: 09/30/2016		\$0

Current Status:

Unfunded - Project was proposed for non-motorized grant funding as an acquisition project and is now a possible unfunded trail project with acquisition built into the cost of the trail.

Factors Effecting Timing/Completion of Project:

Unfunded - possible ballot issue. Successful acquisition of ROW.

Eligible Funding Sources:

Unfunded - possible ballot issue

FY	Eligible Funding Sources	Amount
2022	Unfunded	\$1,820,000
		\$1,820,000

Master Plan:

Parks, Recreation and Open Space



Hinkson Cr Trail: Old 63 to East Campus Connector

Description:
Project replaces the former Rock Hill Park Connector.

Ward	Begin Design	Begin Construction
6	2022	2022
Eligible for Percent for Arts?		No
Current Funding Request:		\$1,740,000
Total Appropriated:		\$0
Total City Project Cost:		\$1,740,000
Est. Project Balance: 09/30/2016		\$0

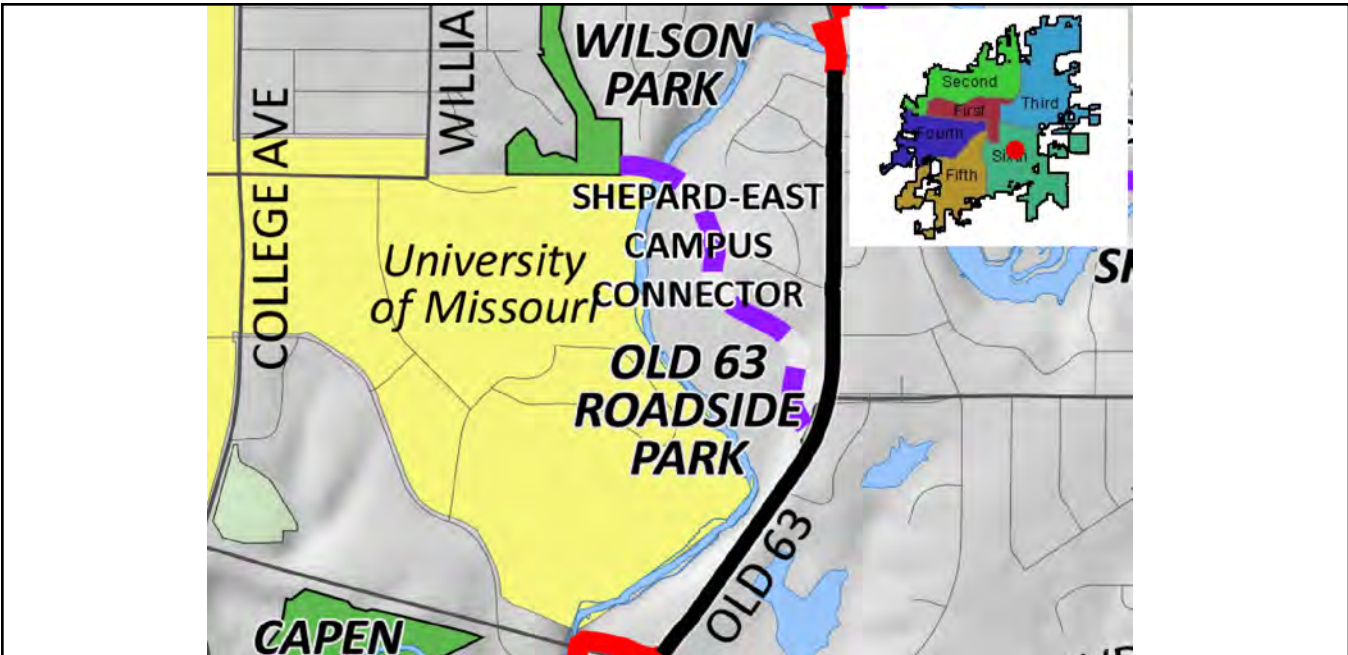
Current Status:
Unfunded. This project may be replaced with PW project 1766 (GNM: Shepard to Rollins) depending on the route chosen in their funded Getabout project. Design and cost estimate being done by Getabout. Costs based on trail winding down steep hill, 7/10 mile with switch backs, may require the purchase of 37 acres which could add to project cost.

Factors Effecting Timing/Completion of Project:
Project is unfunded at this time.

Eligible Funding Sources:
Future Ballot Issue

Master Plan:
Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2022	Unfunded	\$1,740,000
		\$1,740,000



Hinkson Creek Trail: Clark Lane to Vandiver

Description:
 A proposed trail along Hinkson Creek that begins at Clark Lane and ends at the existing Vandiver Pedway. Approximately 1.4 miles in length.

Ward	Begin Design	Begin Construction
3	2022	2023
Eligible for Percent for Arts?		No
Current Funding Request:		\$1,750,000
Total Appropriated:		\$0
Total City Project Cost:		\$1,750,000
Est. Project Balance: 09/30/2016		\$0

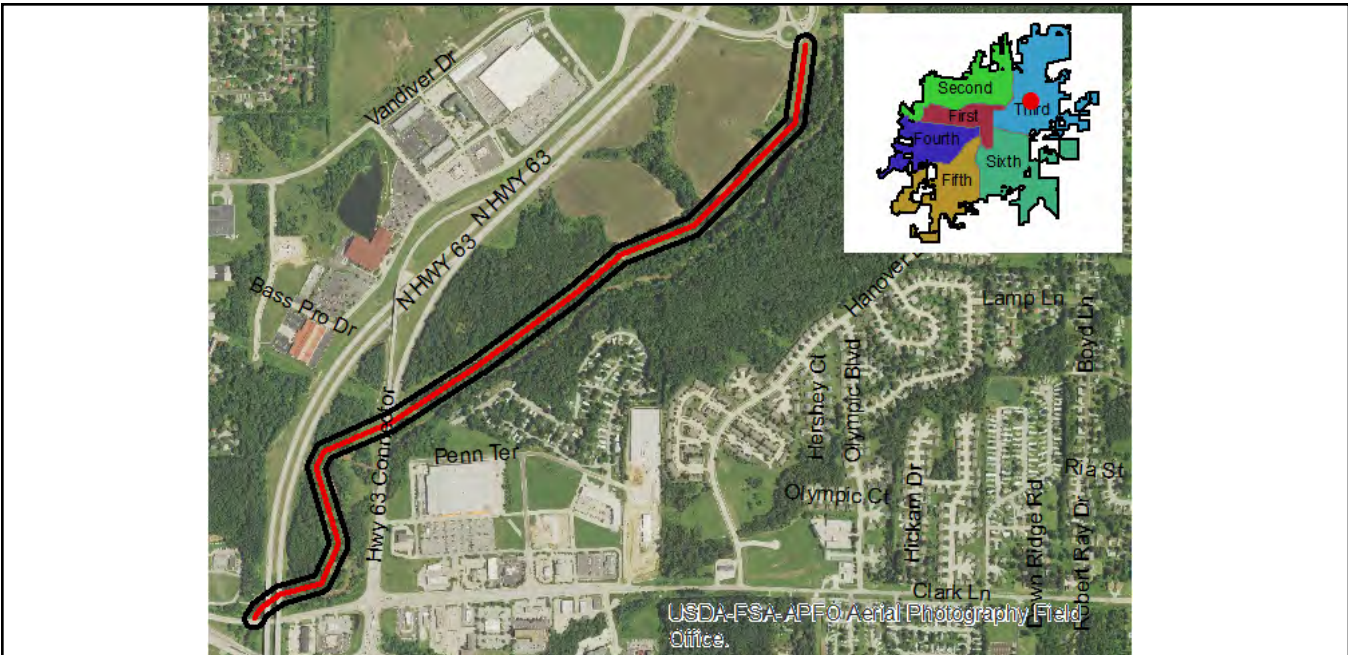
Current Status:
 Proposed unfunded trail.

Factors Effecting Timing/Completion of Project:
 Project is unfunded at this time.

Eligible Funding Sources:
 Park Sales Tax

Master Plan:
 Parks Recreation and Open Space

FY	Eligible Funding Sources	Amount
2022	Unfunded	\$1,750,000
		\$1,750,000



Hinkson Creek Trail: Vandiver pedway to Colt RR

Description:
 A connector trail from the Hinkson Creek Trail to the Colt RR trail. Approx. 0.8 miles. Follows US Hwy 63 road Right-Of-Way. Includes an on-grade crossing or ped. bridge over Route B. Cost est. may be much higher if ped. bridge over Route B included.

Ward	Begin Design	Begin Construction
3	2024	2024
Eligible for Percent for Arts?		No
Current Funding Request:		\$1,300,000
Total Appropriated:		\$0
Total City Project Cost:		\$1,300,000
Est. Project Balance: 09/30/2016		\$0

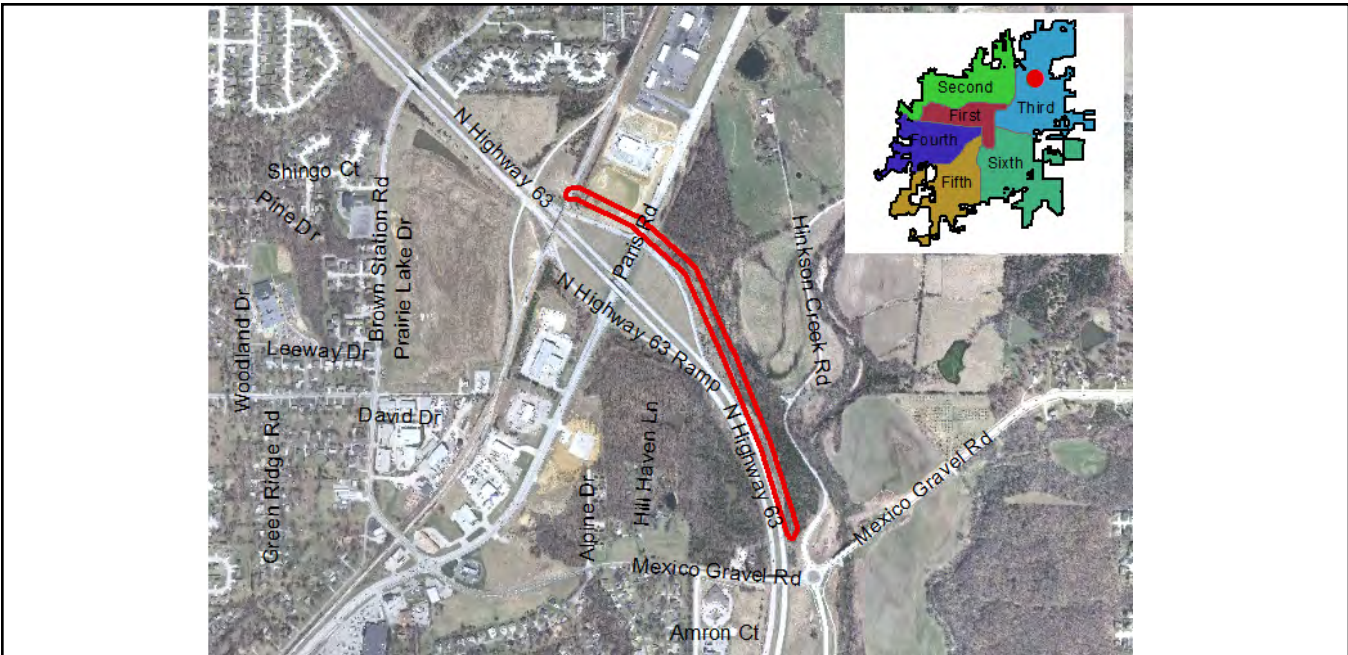
Current Status:
 Proposed unfunded trail.

Factors Effecting Timing/Completion of Project:
 Project is unfunded at this time.

Eligible Funding Sources:
 Park Sales Tax

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2024	Unfunded	\$1,300,000
		\$1,300,000



Hominy Creek Trail: Old 63 to Green Valley

Description:
 A trail connecting the Hinkson Creek Trail at Old 63 to the Hominy Creek Trail at Green Valley Drive. One bridge may be required. Trail distance is 0.8 miles.

Ward	Begin Design	Begin Construction
6	2022	2023
Eligible for Percent for Arts?		No
Current Funding Request:		\$800,000
Total Appropriated:		\$0
Total City Project Cost:		\$800,000
Est. Project Balance: 09/30/2016		\$0

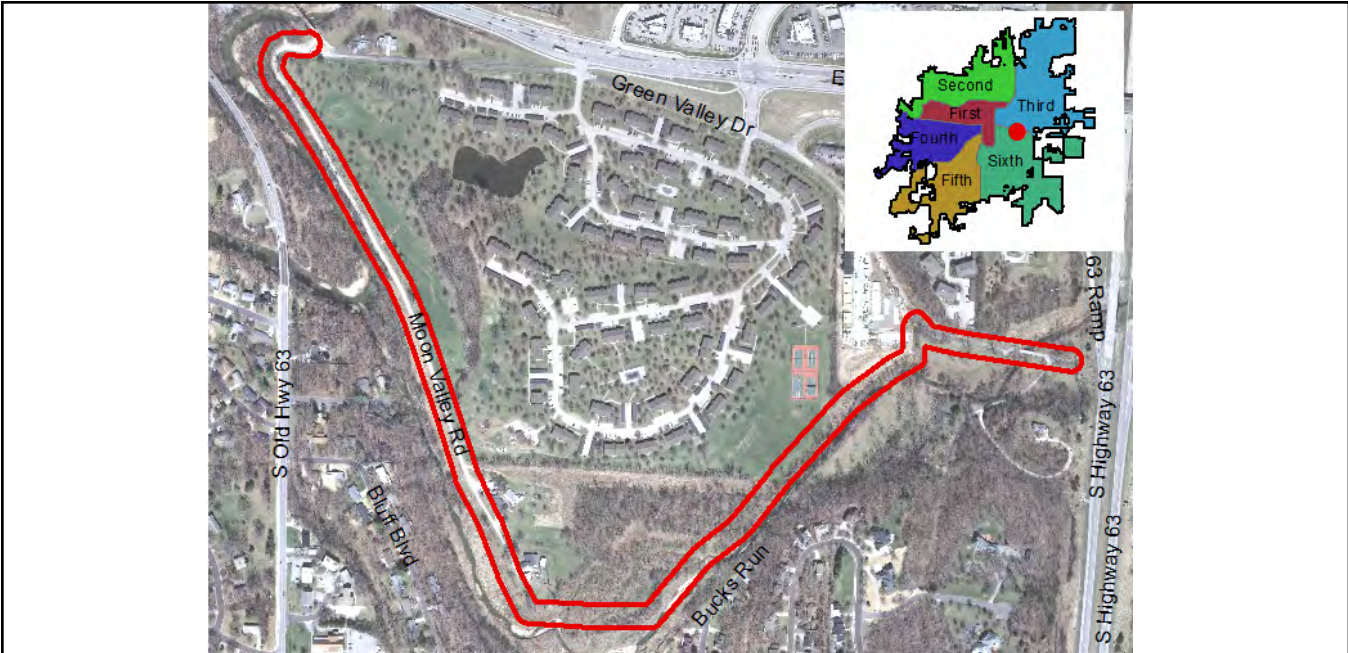
Current Status:
 Proposed unfunded trail

Factors Effecting Timing/Completion of Project:
 Project is unfunded at this time.

Eligible Funding Sources:
 Park Sales Tax

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2022	Unfunded	\$800,000
		\$800,000



MKT Bridge Replacements: #10

Description:
 Replace wooden bridge#10 on the MKT Trail. This bridge is about 190 feet long. This bridge replacement should follow in priority after Bridges #2 and #8.

Ward	Begin Design	Begin Construction
4 & 5	2023	2024
Eligible for Percent for Arts?		No
Current Funding Request:		\$320,000
Total Appropriated:		\$0
Total City Project Cost:		\$320,000
Est. Project Balance: 09/30/2016		\$0

Current Status:
 An engineering study was completed in May 2013 to assess the condition of the bridges on the MKT Trail. This was the 5th priority bridge in need of replacement following Bridges #5, 2, 7 & 8.

Factors Effecting Timing/Completion of Project:
 Project is unfunded at this time.

Eligible Funding Sources:
 Future Ballot Issue

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2023	Unfunded	\$320,000
		\$320,000



MKT Trail: New Restroom at Flat Branch Park

Description:
 This project will construct a restroom with storage space at Flat Branch Phase I which serves as the downtown trailhead for the MKT Trail.

Ward	Begin Design	Begin Construction
1	2022	2022
Eligible for Percent for Arts?		No
Current Funding Request:		\$200,000
Total Appropriated:		\$0
Total City Project Cost:		\$200,000
Est. Project Balance: 09/30/2016		\$0

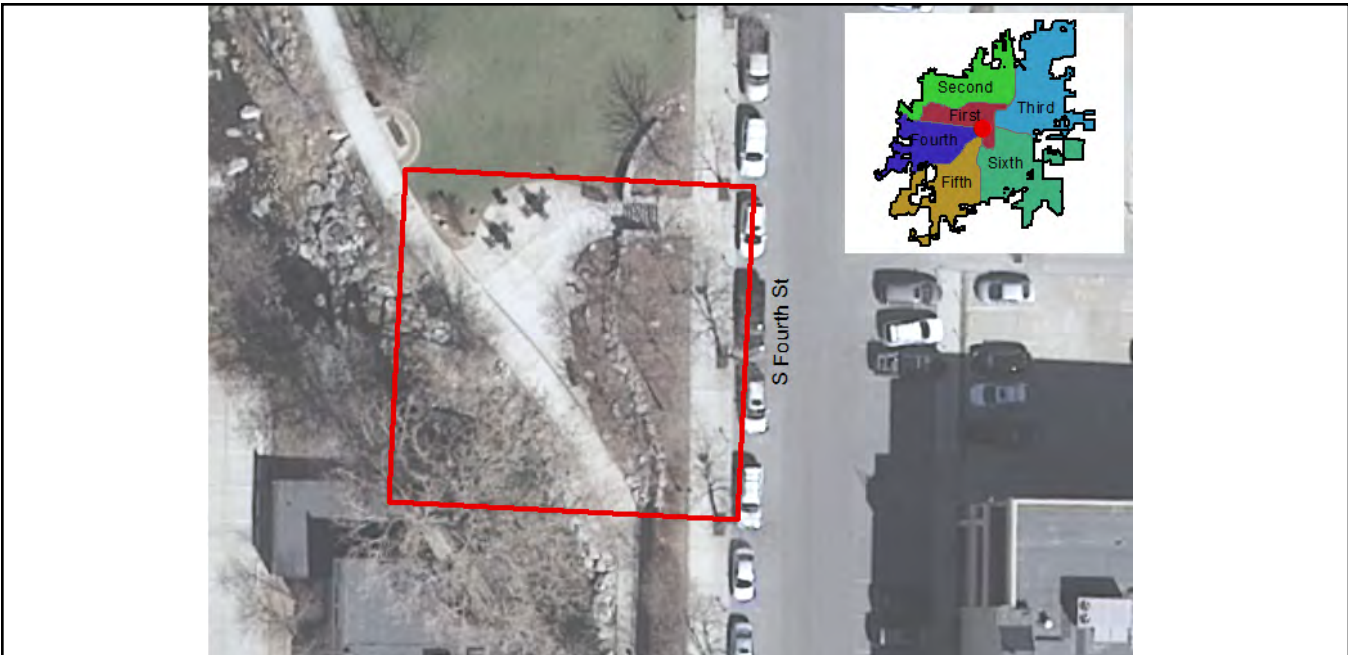
Current Status:
 Unfunded. The original plan for Flat Branch Phase I included a restroom. It was eliminated from the plan due to lack of funding.

Factors Effecting Timing/Completion of Project:
 Project is unfunded at this time.

Eligible Funding Sources:
 Park Sales Tax

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2022	Unfunded	\$200,000
		\$200,000



MKT Trail: Scott Blvd Improvements

Description:
Improvements to the MKT Trailhead at Scott Blvd including a perimeter trail and security lights.

Ward	Begin Design	Begin Construction
5	2022	2022
Eligible for Percent for Arts?		No
Current Funding Request:		\$40,500
Total Appropriated:		\$0
Total City Project Cost:		\$40,500
Est. Project Balance: 09/30/2016		\$0

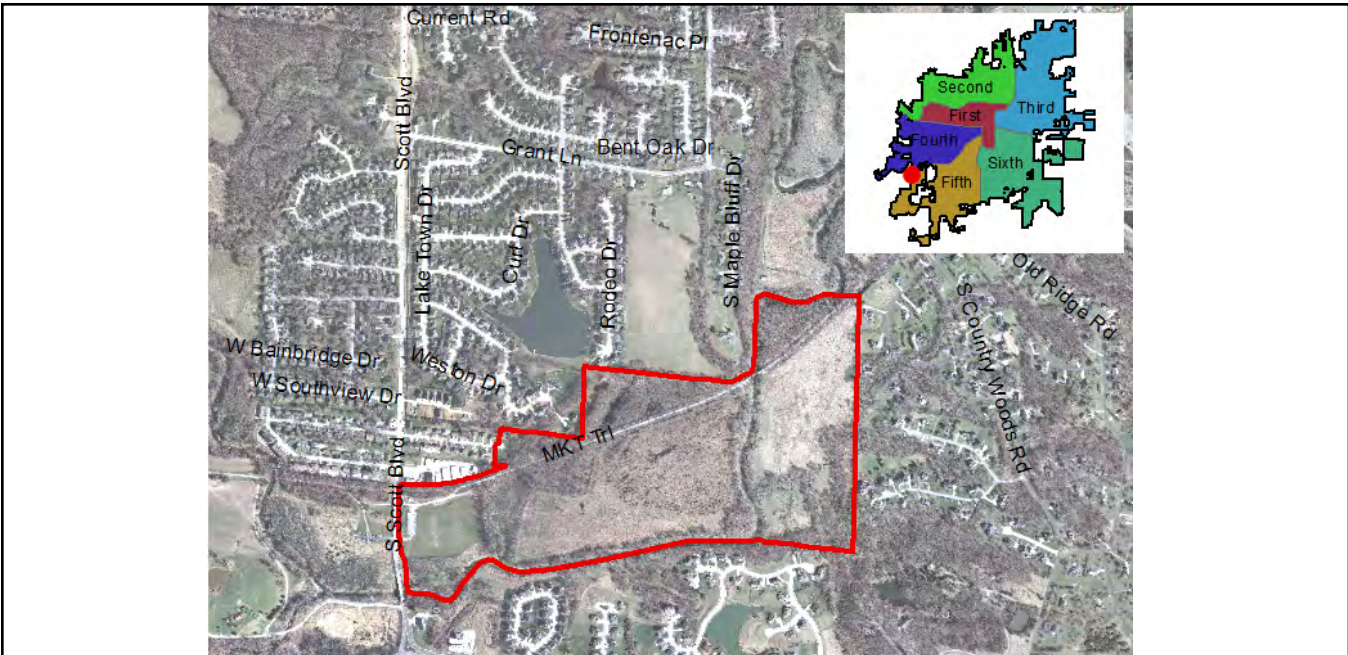
Current Status:
Unfunded. Projects include a perimeter loop trail along creek (\$30k), misc improvements including security lights (\$5k), signs (\$3k) , and installation of a bike repair station (\$2,500).

Factors Effecting Timing/Completion of Project:
Project is unfunded at this time.

Eligible Funding Sources:
Park Sales Tax

Master Plan:
Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2022	Unfunded	\$40,500
		<u>\$40,500</u>



N Fork Grindstone Trail: Confluence to Eastport Pk

Description:

Trail connecting from the confluence of the north and south forks of the Grindstone Creek to Eastport Park. Estimated length 2.7 miles.

Ward	Begin Design	Begin Construction
6,3	2021	2022
Eligible for Percent for Arts?		No
Current Funding Request:		\$2,700,000
Total Appropriated:		\$0
Total City Project Cost:		\$2,700,000
Est. Project Balance: 09/30/2016		\$0

Current Status:

Unfunded proposed trail.

Factors Effecting Timing/Completion of Project:

Project is unfunded at this time.

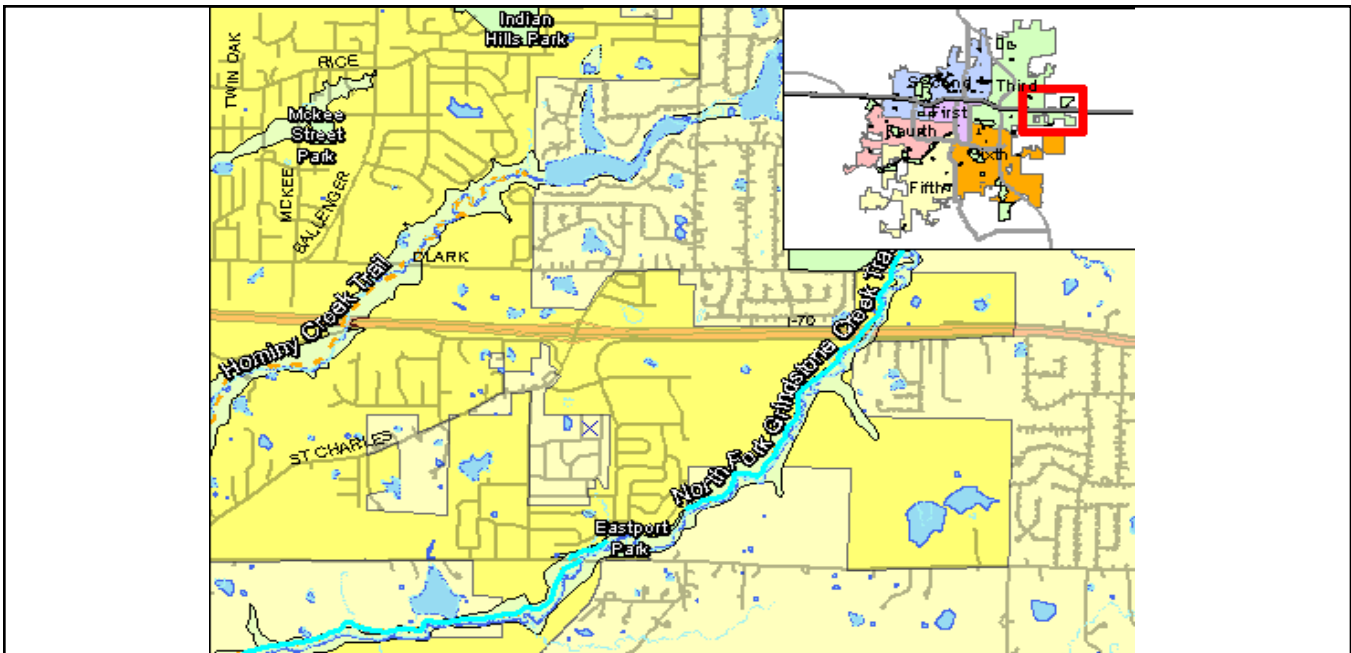
Eligible Funding Sources:

Park Sales Tax, Grant

FY	Eligible Funding Sources	Amount
2022	Unfunded	\$2,700,000
		\$2,700,000

Master Plan:

Parks, Recreation and Open Space



Perche Creek Trail Ph 3: Broadway to I-70

Description:
 A trail along Perche creek from the future Broadway bridge over Perche Creek to I-70. This section is approx. 1.4 miles long and has at least 2 major bridges over Perche Creek.

Ward	Begin Design	Begin Construction
2,4	2023	2024
Eligible for Percent for Arts?		No
Current Funding Request:		\$2,600,000
Total Appropriated:		\$0
Total City Project Cost:		\$2,600,000
Est. Project Balance: 09/30/2016		\$0

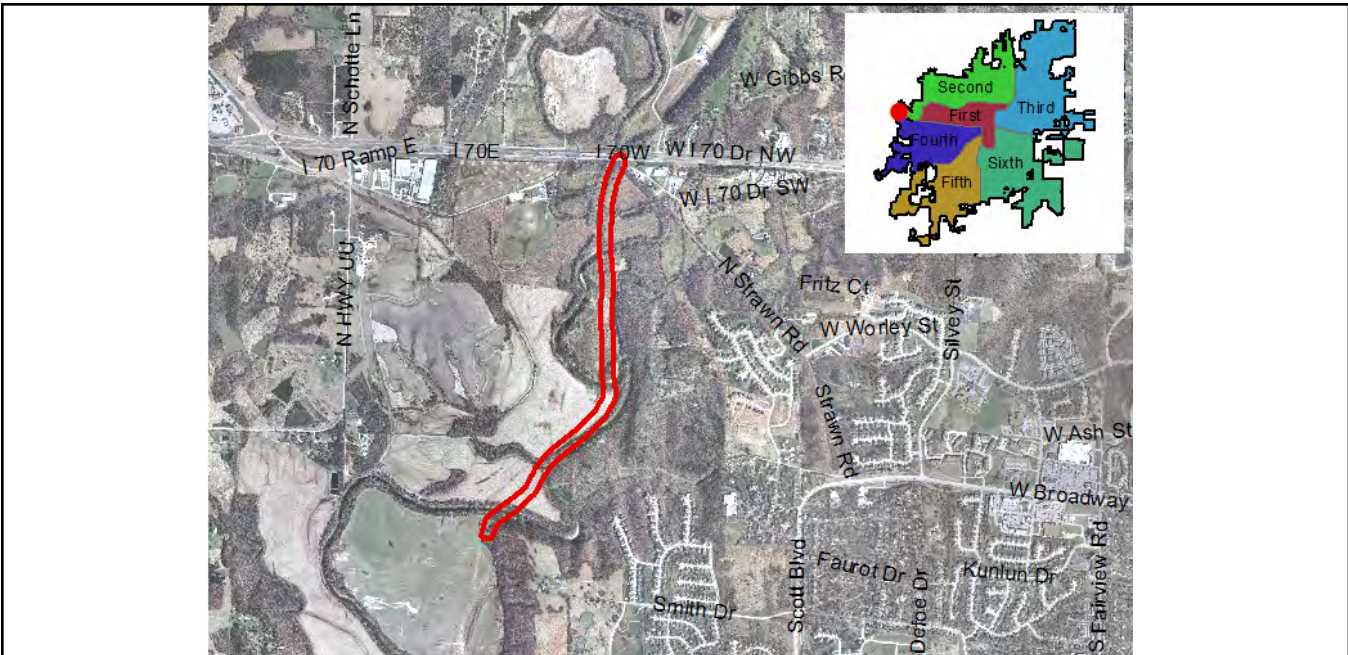
Current Status:
 Proposed unfunded trail.

Factors Effecting Timing/Completion of Project:
 Project is unfunded at this time.

Eligible Funding Sources:
 Park Sales Tax

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2023	Unfunded	\$2,600,000
		\$2,600,000



Perche Crk Trail Ph 2: Gillespie to Broadway

Description:
 Connecting the Perche Creek Trail from Gillespie Bridge Road to the future Broadway bridge over Perche Creek. Approx. 1.5 miles and two major bridges.

Ward	Begin Design	Begin Construction
4	2022	2023
Eligible for Percent for Arts?		No
Current Funding Request:		\$2,800,000
Total Appropriated:		\$0
Total City Project Cost:		\$2,800,000
Est. Project Balance: 09/30/2016		\$0

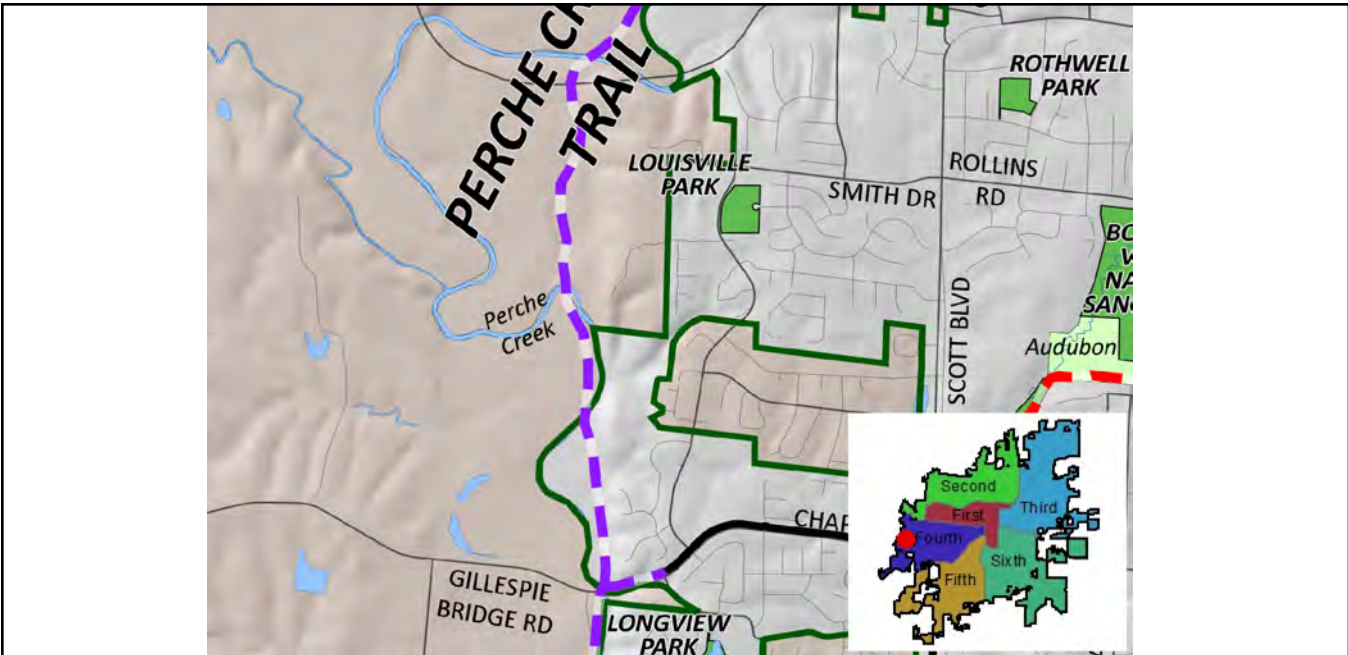
Current Status:
 Proposed unfunded trail.

Factors Effecting Timing/Completion of Project:
 Project is unfunded at this time.

Eligible Funding Sources:
 Future Ballot Issue

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2023	Unfunded	\$2,800,000
		\$2,800,000



Trail restroom: Location TBD

Description:
 Trail side restroom along newly developed trails. Likely Hominy Trail, but TBD.

Ward	Begin Design	Begin Construction
TBD	2024	2024
Eligible for Percent for Arts?		No
Current Funding Request:		\$100,000
Total Appropriated:		\$0
Total City Project Cost:		\$100,000
Est. Project Balance: 09/30/2016		\$0

Current Status:
 Unfunded. Many new trails are being developed throughout the city. As citizens begin using the trails, there will be a need for additional restrooms. Locations to be determined.

Factors Effecting Timing/Completion of Project:
 Project is unfunded at this time.

Eligible Funding Sources:
 Future Ballot Issue

Master Plan:
 Parks, Recreation and Open Space

FY	Eligible Funding Sources	Amount
2024	Unfunded	\$100,000
		\$100,000



Parks and Recreation 10+ Year Projects

Project Name	Ward
Parks Projects	
1 Armory Sports Center Improvements - Gym [ID: 298]	1
2 Community Gardens & Greenhouse [ID: 1686]	TBD
3 Cosmo-Bethel: Trail, Shelter & Lake Improvements [ID: 1684]	5
4 LAN Golf Course Tee Improvements [ID: 324]	2
5 LOW Golf Course Tee Improvements [ID: 323]	Outside city limits
6 Philips/Gans: Ice Skating Facility - Indoor [ID: 303]	TBD
7 Philips/Gans: Ice Skating Facility - Outdoor [ID: 304]	TBD
8 Philips/Gans: Park Development Phase III [ID: 1823]	6
9 Recreation Center [ID: 1270]	City Wide
10 Synthetic Turf-Athletic Fields-Special Event [ID: 1186]	TBD
11 Stephens Lake Park: Amphitheater Phase II Imprv [ID: 1649]	3
12 Twin Lakes Rec Area: Sprayground & Slide [ID: 1634]	4
Greenbelt/Trails	
13 Bear Creek Trail North: Atkins to Oakland Church [ID: 1286]	3
14 Bear Creek Trail: BoCo Fair to Norma Smith Park [ID: 1293]	3
15 Bear Creek Trail: Proctor Dr Connection 00389 [ID: 1107]	2
16 Blue Ridge Connector phase 2 [ID: 1700]	2
17 Bonne Femme Trail ph 1: RBSP to High Pt. Lane [ID: 1709]	5
18 Bonne Femme Trail ph 2: High Pt to Woodie Proctor [ID: 1710]	5
19 Bonne Femme Trail ph 3: Woodie Proctor-Katy Trail [ID: 1711]	5
20 Clear Crk Trail ph 1: Nifong Pk. to Rock Quarry Rd [ID: 1289]	6
21 Clear Crk Trail Ph 2: Rock Quarry Rd. to RBSP [ID: 1650]	6
22 Co. House Trail Ph. 2 East: Stadium-Cowan [ID: 431]	4
23 Co. House Trail Ph. 2 West: Stadium to Rollins Rd. [ID: 1704]	4
24 COLT RR Trail Ph 2: Vandiver to Hwy 63 [ID: 1297]	3
25 COLT RR Trail Ph 3: Hwy 63 to Brown Sta. Park [ID: 1653]	3
26 COLT RR Trail Ph 4: Brown Sta Park to Heller Rd. [ID: 1701]	3
27 Cosmo-Bethel Connector: Bethel Pk to S. Prov. Trail [ID: 1703]	5
28 Cow Branch/Bear Cr: Blackfoot to Providence Rd [ID: 434]	2
29 Gans Creek Trail ph 1: GCRA to Rolling Hills Rd [ID: 1288]	6
30 Gans Creek Trail ph 2: Rolling Hills Rd to Olivet [ID: 1708]	6
31 Harmony Cr Trail: Smithton Connector [ID: 436]	2
32 Harmony Creek Trail: Strawn Road to CCRA [ID: 1272]	1,2
33 Hinkson Cr Trail NE: Mexico Grvl to Rogers Rd [ID: 1287]	3
34 Hinkson Creek Connector to Rice Rd. [ID: 1707]	3
35 Hominy Brnch Trail Ph 3: Clark Ln-Rice Rd [ID: 386]	3
36 Hominy Creek Trail: Molly Ln to Mexico Gravel [ID: 1705]	3
37 Hominy to Battle HS Connector: Molly Ln to Battle [ID: 1706]	3
38 Mill Creek Trail ph 1: MKT to Scott Blvd. [ID: 1291]	5
39 Mill Creek Trail ph 2: Scott Blvd to Co KK [ID: 1712]	5
40 Mill Creek Trail ph 3: Co Rd KK to Nifong [ID: 1713]	5
41 North Fork Grindstone Connector to Olivet Rd. [ID: 1295]	3
42 North Fork of Grindstone: Eastport to Battle HS [ID: 1702]	3
43 Parkside Drive Connector (Cosmo Park) [ID: 1699]	2
44 Perche Creek Trail Ph 4: Blackfoot Rd. to Route E [ID: 451]	2
45 Perche Creek Trail Ph 5: Route E to I-70 [ID: 1665]	2
46 Philips Lake Connector: Nifong to GCRA [ID: 1300]	6
47 Proctor Park Connector to Bear Creek Trail [ID: 1715]	2
48 Rock Bridge SP North Tr: GCRA to RB Elem [ID: 1290]	6
49 S. Fork Grindstone Cr: Confluence-Rolling Hills Rd [ID: 435]	6

Parks and Recreation 10+ Year Projects

Project Name

Ward

Greenbelt/Trails

50	Seven Oaks Connector: Rolling Rck to Seven Oaks [ID: 1294]	6
51	Starke Lane Connector [ID: 1662]	3
52	Thornbrook Connector to Mill Creek Trail [ID: 1714]	5

52 Projects

Public Safety Capital Projects

Planning

Long term capital planning for Public Safety needs include capital projects for fire stations, major fire equipment and police facilities.

Columbia Fire Department utilizes a fire station location master plan and a vehicle replacement master plan to assist in identifying capital improvement projects. Projects are identified and selected using a cost-benefit analysis. Consideration in the analysis is given to, but not limited to, concerns such as response times, loss prevention, current response trends, and apparatus requirements. Staff presents cost – benefit analysis reports to Mayor and Council for policy decisions and direction. The proposed replacement schedule will allow the City to get closer to its ultimate goal of having major apparatus on a replacement schedule that includes 8 years on the front line and 4 years in reserve.

Since most of the vehicles and equipment in the Police Department is included in the annual operating budget, the primary long term capital need is for facilities. Recently the city hired a consultant to do a needs assessment for the current and future police facilities. During that process, it was determined that there is a significant need for larger and improved police facilities. Facilities have been included in the 1-2 year, 3-5 year and 6-10 year plan.

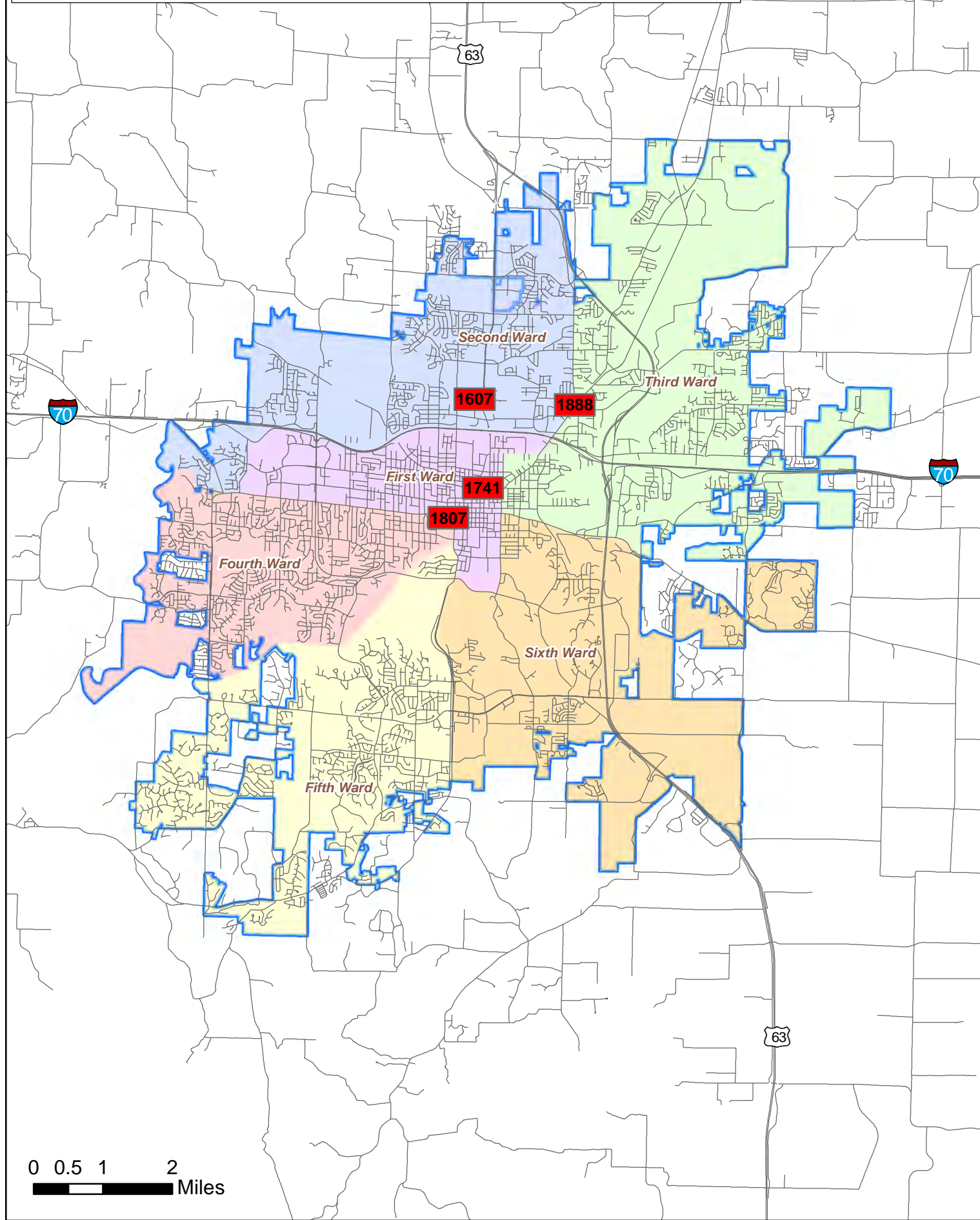
Joint Communications was established in 1977 and combines dispatching for the public safety agencies in Boone County, including fire, police and emergency services (ambulances). All 9-1-1 calls in Boone County are answered by trained Emergency Telecommunicators as well as non-emergency calls coming into the Operations Center. In April 2013, citizens of Boone County and the City of Columbia passed a ¾ cent sales tax to fund the construction of a new facility as well as operating and capital expenses. Future capital projects will be included in the County's budget.

Funding

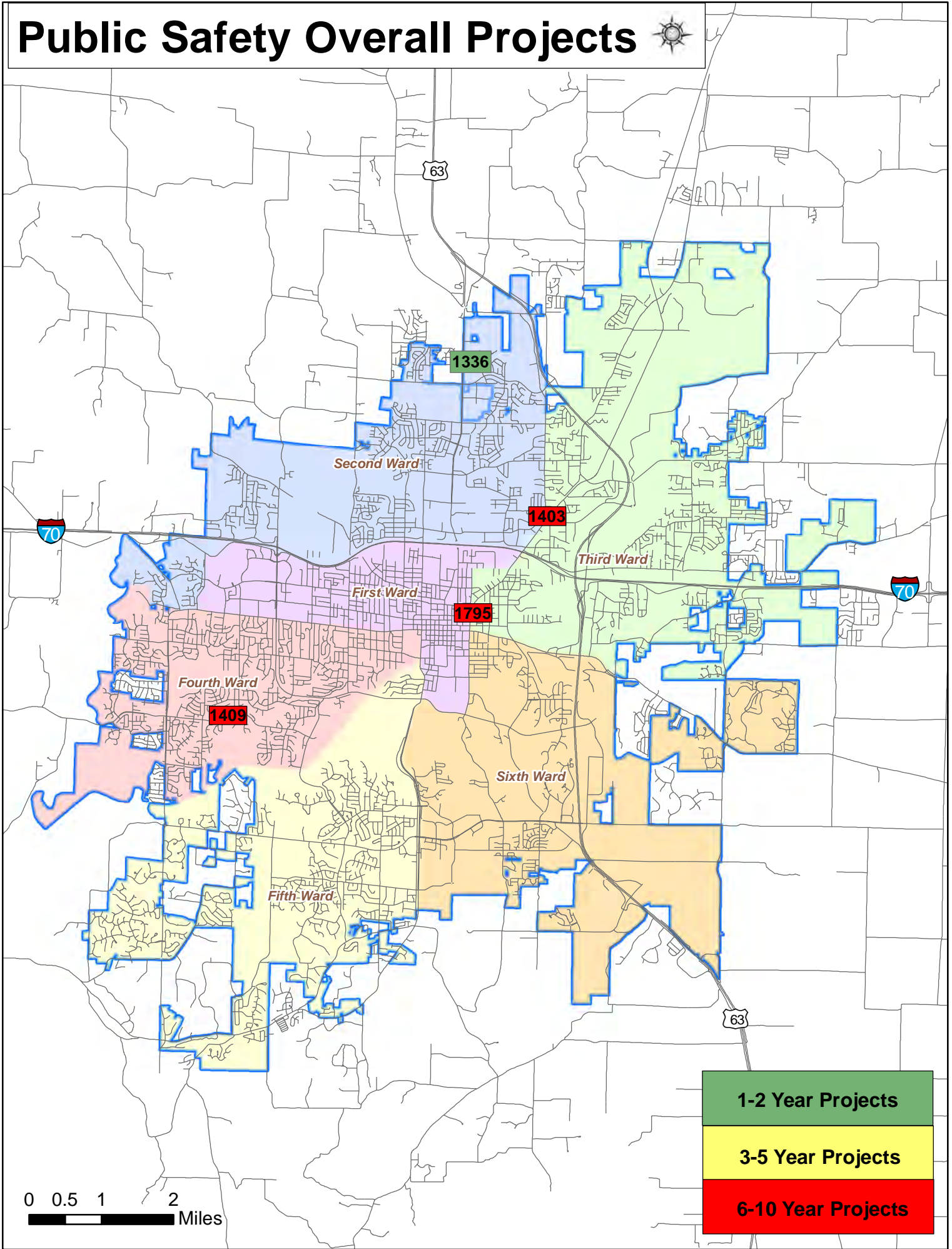
The city utilizes primarily local funding sources to meet its capital improvement needs for public safety; however grant funds are utilized whenever possible.

Sales taxes from the Capital Improvement Sales Tax make up a substantial amount of funding for the public safety. In 1991, 1995, 1999, 2005 and 2015 Columbia voters extended the ¼ Cent Capital Improvement Sales Tax ballot issues that included listings of specific projects to be funded with this tax. The current tax expires in December 2025. A limited amount of funding is provided by the allocation of the city's general sales tax to capital needs. Currently 4.1% of the general sales tax is allocated to the capital plan. This amount has varied over the years as operational needs continue to grow.

Public Safety Current Projects



Public Safety Overall Projects



1-2 Year Projects
3-5 Year Projects
6-10 Year Projects

Public Safety CIP Projects

Project Name	Status	Ward	Begin Construction	Total Appropriated	Funding Still Needed	Unfunded/Future Ballot Amount
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Annual

PSJC

1	Additional Outdoor Warning Sirens - 00464 [ID: 1301]	On-going		\$30,000		
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Fire

2	Fire Apparatus Equipment 00195 [ID: 490]	On-going	Citywide	2007	\$447,956	
				2 Projects	\$477,956	\$0

Current

Police

1	CPD Property Room Upgrade-00567 [ID: 1741]	Ready to Close	1	2014	\$70,377	
2	Downtown Police Building Renovation - 00609 [ID: 1807]	Preliminary Design	1	2016	\$794,960	
3	Records Management System 00498 [ID: 1307]	Construction		2015	\$1,750,000	

Fire

4	Fire Station Sites 40173 [ID: 482]	Proposed	Citywide		\$2,007,000	\$1,000,000
5	Major Fire Station Repairs - 00640 [ID: 1888]	Preliminary Design		2016	\$1,098,000	
6	Rpl. 2001 Quint (15 Years Old) - 00629 [ID: 501]	Preliminary Design		2016	\$900,000	
7	Training Academy Repairs - 00630 [ID: 1607]	Preliminary Design	2	2016	\$500,000	
				7 Projects	\$7,120,337	\$1,000,000

1-2 Years

Police

1	Police Precinct/Municipal Svc Center N - 00641 [ID: 1336]	Preliminary Design	TBD	2018	\$9,690,000	\$8,721,000
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Fire

2	Replace 2002 Quint (15 years old) - 00628 [ID: 1398]	Preliminary Design		2017	\$900,000	
3	Replace 2003 Quint (14 years old) 00661 [ID: 1400]	Proposed		2017	\$950,000	
				3 Projects	\$11,540,000	\$8,721,000

3-5 Years

1	Replace 2004 Quint (14 years old) [ID: 1402]	Proposed		2019	\$1,000,000	\$1,000,000
2	Replace 2006 Quint (14 years old) [ID: 1407]	Proposed		2021	\$1,100,000	\$1,100,000
3	Rpl. 2001 Ladder Truck (18 Years Old) 00496 [ID: 500]	Proposed		2020	\$1,300,000	\$1,300,000
				3 Projects	\$3,400,000	\$3,400,000

6-10 Years

Police

1	Police Headquarters Building [ID: 1192]	Proposed	1	2023	\$7,000,000	\$7,000,000	\$7,000,000
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Public Safety CIP Projects

Project Name	Status	Ward	Begin Construction	Total Project Cost	Funding Still Needed	Unfunded/Future Ballot Amount
6-10 Years						
Fire						
2 Remodel Admin. & Meeting/Conf. Room [ID: 1795]	Proposed	1	2025	\$1,500,000	\$1,500,000	\$1,500,000
3 Replace 1996 Bomb Squad [ID: 1405]	Proposed		2025	\$800,000	\$800,000	\$800,000
4 Replace 1999 Foam Truck [ID: 1401]	Proposed		2025	\$600,000	\$600,000	\$600,000
5 Replace 2006 Quint (15 years old) [ID: 1408]	Proposed		2022	\$1,150,000	\$1,150,000	
6 Replace 2009 Quint (11 years old) [ID: 1406]	Proposed		2023	\$1,200,000	\$1,200,000	\$1,200,000
7 Replace 2009 Quint (14 years old) [ID: 1410]	Proposed		2023	\$1,200,000	\$1,200,000	
8 Replace 2009 Quint (15 years old) [ID: 1404]	Proposed		2024	\$1,250,000	\$1,250,000	
9 Replace 2009 Squad (15 years old) [ID: 1414]	Proposed		2025	\$750,000	\$750,000	
10 Replace 2010 Quint [ID: 1801]	Proposed		2024	\$1,153,000	\$1,153,000	\$1,153,000
11 Replace/Remodel Fire Station 4 [ID: 1403]	Proposed		2025	\$2,500,000	\$2,500,000	\$2,500,000
12 Replace/Remodel Fire Station 6 [ID: 1409]	Proposed	4	2022	\$3,000,000	\$3,000,000	\$3,000,000
12 Projects				\$22,103,000	\$22,103,000	\$17,753,000
27 Total Projects				\$44,641,293	\$35,224,000	\$17,753,000

Police Precinct/Municipal Svc Center N - 00641

Description:
 Construction of 2nd Facility in NE Columbia, part of the proposed Municipal Service Center.
 (This number does NOT include land cost)

Ward	Begin Design	Begin Construction
TBD	2016	2018
Eligible for Percent for Arts?		Yes
Current Funding Request:		\$8,721,000
Total Appropriated:		\$969,000
Total City Project Cost:		\$9,690,000
Est. Project Balance: 09/30/2016		\$481,961

Current Status:
 9/12/16: Architect selection underway again, contract not executed/awarded to Brinkley-Sargent.

Factors Effecting Timing/Completion of Project:
 funding

Eligible Funding Sources:
 Future Ballot

Master Plan:

FY	Eligible Funding Sources	Amount
2018	Cap Imp S Tax - 2015 Ballot	\$8,721,000
		\$8,721,000



<p>Replace 2002 Quint (15 years old) - 00628</p> <p>Description: Replace 2002 Quint (15 years old)</p>	Ward	Begin Design	Begin Construction
		2016	2017
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$0
	Total Appropriated:		\$900,000
	Total City Project Cost:		\$900,000
	Est. Project Balance: 09/30/2016		\$900,000

Current Status:
10/1/15: Future project. Approved on Ballot

Factors Effecting Timing/Completion of Project:
funding

<p>Eligible Funding Sources: Future Ballot Approved Ballot</p> <p>Master Plan:</p>	FY	Eligible Funding Sources	Amount
	2017	Cap Imp S Tax - 2015 Ballot	\$900,000
			\$900,000



Replace 2003 Quint (14 years old) 00661

Description:
 Replace 2003 Quint (14 years old)

Ward	Begin Design	Begin Construction
	2016	2017
Eligible for Percent for Arts?		No
Current Funding Request:		\$0
Total Appropriated:		\$950,000
Total City Project Cost:		\$950,000
Est. Project Balance: 09/30/2016		\$950,000

Current Status:
 Future project

Factors Effecting Timing/Completion of Project:
 funding

Eligible Funding Sources:
 Future Ballot

Master Plan:

FY	Eligible Funding Sources	Amount
2017	Cap Imp S Tax - 2015 Ballot	\$950,000
		\$950,000



Replace 2004 Quint (14 years old)

Description:
 Replace 2004 Quint (14 years old)

Ward	Begin Design	Begin Construction
	2018	2019
Eligible for Percent for Arts?		No
Current Funding Request:		\$1,000,000
Total Appropriated:		\$0
Total City Project Cost:		\$1,000,000
Est. Project Balance: 09/30/2016		\$0

Current Status:
 Future project

Factors Effecting Timing/Completion of Project:
 funding

Eligible Funding Sources:
 Capital improvement sales tax

Master Plan:

FY	Eligible Funding Sources	Amount
2019	Cap Imp S Tax - 2015 Ballot	\$1,000,000
		\$1,000,000



Replace 2006 Quint (14 years old)

Description:
 Replace 2006 Quint (14 years old)

Ward	Begin Design	Begin Construction
	2020	2021
Eligible for Percent for Arts?		No
Current Funding Request:		\$1,100,000
Total Appropriated:		\$0
Total City Project Cost:		\$1,100,000
Est. Project Balance: 09/30/2016		\$0

Current Status:
 Future project

Factors Effecting Timing/Completion of Project:
 funding

Eligible Funding Sources:
 Capital improvement sales tax

Master Plan:

FY	Eligible Funding Sources	Amount
2021	Cap Imp S Tax - 2015 Ballot	\$1,100,000
		\$1,100,000



**Rpl. 2001 Ladder Truck (18 Years Old)
00496**

Description:
Rpl. 2001 Ladder Truck (18 Years Old)

Ward	Begin Design	Begin Construction
	2019	2020
Eligible for Percent for Arts?		No
Current Funding Request:		\$1,300,000
Total Appropriated:		\$0
Total City Project Cost:		\$1,300,000
Est. Project Balance: 09/30/2016		\$0

Current Status:
Future project

Factors Effecting Timing/Completion of Project:
funding

Eligible Funding Sources:
Capital improvement sales tax

Master Plan:

FY	Eligible Funding Sources	Amount
2020	Cap Imp S Tax - 2015 Ballot	\$1,300,000
		\$1,300,000



Police Headquarters Building

Description:
 Construction/Renovation of downtown Police Headquarters (at site of current Police Building)

Ward	Begin Design	Begin Construction
1	2022	2023
Eligible for Percent for Arts?		No
Current Funding Request:		\$7,000,000
Total Appropriated:		\$0
Total City Project Cost:		\$7,000,000
Est. Project Balance: 09/30/2016		\$0

Current Status:
 1/26/16: No change to status - remains unfunded. Will need to revisit needs assessment closer to date to get updated budget numbers.

Factors Effecting Timing/Completion of Project:
 funding

Eligible Funding Sources:

Master Plan:

FY	Eligible Funding Sources	Amount
2022	Unfunded	\$700,000
2023	Unfunded	\$6,300,000
		<u>\$7,000,000</u>



Remodel Admin. & Meeting/Conf. Room

Description:
Remodel Admin. & Meeting/Conf. Room

Ward	Begin Design	Begin Construction
1	2025	2025
Eligible for Percent for Arts?		No
Current Funding Request:		\$1,500,000
Total Appropriated:		\$0
Total City Project Cost:		\$1,500,000
Est. Project Balance: 09/30/2016		\$0

Current Status:
Future project
2/17/16 - Moved to to next Ballot

Factors Effecting Timing/Completion of Project:
funding

Eligible Funding Sources:
Future Ballot

Master Plan:

FY	Eligible Funding Sources	Amount
2020	Unfunded	\$1,500,000
		\$1,500,000



Replace 1996 Bomb Squad

Description:
 Replace 1996 Bomb Squad

Ward	Begin Design	Begin Construction
	2025	2025
Eligible for Percent for Arts?		No
Current Funding Request:		\$800,000
Total Appropriated:		\$0
Total City Project Cost:		\$800,000
Est. Project Balance: 09/30/2016		\$0

Current Status:
 Future project
 2/17/16 - Moved to next Ballot

Factors Effecting Timing/Completion of Project:
 funding

Eligible Funding Sources:
 Future Ballot

Master Plan:

FY	Eligible Funding Sources	Amount
2018	Unfunded	\$800,000
		\$800,000



Replace 1999 Foam Truck

Description:
 Replace 1999 Foam Truck

Ward	Begin Design	Begin Construction
	2024	2025
Eligible for Percent for Arts?		No
Current Funding Request:		\$600,000
Total Appropriated:		\$0
Total City Project Cost:		\$600,000
Est. Project Balance: 09/30/2016		\$0

Current Status:
 Future project
 2/17/16 - Moved out to be covered in next Ballot

Factors Effecting Timing/Completion of Project:
 funding

Eligible Funding Sources:
 Future Ballot

Master Plan:

FY	Eligible Funding Sources	Amount
2025	Unfunded	\$600,000
		\$600,000



Replace 2006 Quint (15 years old)

Description:
 Replace 2006 Quint (15 years old)

Ward	Begin Design	Begin Construction
	2021	2022
Eligible for Percent for Arts?		No
Current Funding Request:		\$1,150,000
Total Appropriated:		\$0
Total City Project Cost:		\$1,150,000
Est. Project Balance: 09/30/2016		\$0

Current Status:
 2-3-15: Proposed project

Factors Effecting Timing/Completion of Project:
 funding

Eligible Funding Sources:
 Capital improvement sale tax

Master Plan:

FY	Eligible Funding Sources	Amount
2022	Cap Imp S Tax - 2015 Ballot	\$1,150,000
		\$1,150,000



Replace 2009 Quint (11 years old)

Description:
 Replace 2009 Quint (11 years old)

Ward	Begin Design	Begin Construction
	2022	2023
Eligible for Percent for Arts?		No
Current Funding Request:		\$1,200,000
Total Appropriated:		\$0
Total City Project Cost:		\$1,200,000
Est. Project Balance: 09/30/2016		\$0

Current Status:
 Future project

Factors Effecting Timing/Completion of Project:
 funding

Eligible Funding Sources:
 Future ballot

Master Plan:

FY	Eligible Funding Sources	Amount
2023	Unfunded	\$1,200,000
		\$1,200,000



<p>Replace 2009 Quint (14 years old)</p> <p>Description: Replace 2009 Quint (14 years old)</p>	Ward	Begin Design	Begin Construction
		2022	2023
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$1,200,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$1,200,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
Unfunded

Factors Effecting Timing/Completion of Project:
funding

<p>Eligible Funding Sources: Capital improvement sales tax</p> <p>Master Plan:</p>	FY	Eligible Funding Sources	Amount
	2023	Cap Imp S Tax - 2015 Ballot	\$1,200,000 \$1,200,000



Replace 2009 Quint (15 years old)	Ward	Begin Design	Begin Construction
		2023	2024
	Description: Replace 2009 Quint (15 years old)	Eligible for Percent for Arts? No	
		Current Funding Request: \$1,250,000	
		Total Appropriated: \$0	
		Total City Project Cost: \$1,250,000	
		Est. Project Balance: 09/30/2016 \$0	

Current Status:
Future project

Factors Effecting Timing/Completion of Project:
funding

Eligible Funding Sources: Capital improvement sales tax	FY	Eligible Funding Sources	Amount
	2024	Cap Imp S Tax - 2015 Ballot	\$1,250,000
			\$1,250,000
Master Plan:			



Replace 2009 Squad (15 years old)

Description:
 Replace 2009 Squad (15 years old)

Ward	Begin Design	Begin Construction
	2024	2025
Eligible for Percent for Arts?		No
Current Funding Request:		\$750,000
Total Appropriated:		\$0
Total City Project Cost:		\$750,000
Est. Project Balance: 09/30/2016		\$0

Current Status:
 Future project

Factors Effecting Timing/Completion of Project:
 funding

Eligible Funding Sources:
 Capital improvement sales tax

Master Plan:

FY	Eligible Funding Sources	Amount
2025	Cap Imp S Tax - 2015 Ballot	\$750,000
		\$750,000



Replace 2010 Quint

Description:
Replace 2010 Quint

Ward	Begin Design	Begin Construction
	2023	2024
Eligible for Percent for Arts?		No
Current Funding Request:		\$1,153,000
Total Appropriated:		\$0
Total City Project Cost:		\$1,153,000
Est. Project Balance: 09/30/2016		\$0

Current Status:
Future project

Factors Effecting Timing/Completion of Project:
funding

Eligible Funding Sources:
Future Ballot

Master Plan:

FY	Eligible Funding Sources	Amount
2024	Unfunded	\$1,153,000
		\$1,153,000



Replace/Remodel Fire Station 4	Ward	Begin Design	Begin Construction
		2024	2025
	Description: Replace Fire Station 4	Eligible for Percent for Arts? Yes	
		Current Funding Request: \$2,500,000	
		Total Appropriated: \$0	
		Total City Project Cost: \$2,500,000	
		Est. Project Balance: 09/30/2016 \$0	

Current Status:
 Future project
 2/17/16 - Moved out to next Ballot.

Factors Effecting Timing/Completion of Project:
 funding

Eligible Funding Sources: Future Ballot	FY	Eligible Funding Sources	Amount
	2018	Unfunded	\$2,500,000
Master Plan:			\$2,500,000



Replace/Remodel Fire Station 6

Description:
 Replace Fire Station 6

Ward	Begin Design	Begin Construction
4	2021	2022
Eligible for Percent for Arts?		Yes
Current Funding Request:		\$3,000,000
Total Appropriated:		\$0
Total City Project Cost:		\$3,000,000
Est. Project Balance: 09/30/2016		\$0

Current Status:
 Future project

Factors Effecting Timing/Completion of Project:
 funding

Eligible Funding Sources:
 Future ballot

Master Plan:

FY	Eligible Funding Sources	Amount
2022	Unfunded	\$3,000,000
		\$3,000,000



Public Safety 10+ Year Projects

Project Name	Ward
Police	
1 Police Precinct/Substation - (Mun Serv Center S) [ID: 1727]	
Fire	
2 Additional Fire Station #10 (Mun Serv Center S) [ID: 475]	Unknown
3 Additional Fire Station #11 [ID: 1799]	
4 Additional Pumper for New Station [ID: 476]	Citywide
5 New Quint for additional station [ID: 1800]	
6 Replace 1993 Bus [ID: 1411]	
7 Replace 2003 Ladder Truck (19 years old) [ID: 1412]	
8 Replace 2008 Air Truck (15 years old) [ID: 1413]	
9 Replace 2011 HazMat Squad (14 years old) [ID: 1415]	
10 Replace 2012 Ladder [ID: 1804]	
11 Replace 2013 Quint [ID: 1805]	
12 Replace 2013 Quint [ID: 1806]	
13 Replace/Remodel Fire Station 5 [ID: 1399]	3
13 Projects	

General Government Capital Projects

Planning

Long term capital planning for General Government needs includes capital projects for public facilities and other community-related capital projects the City chooses to support.

Examples include community-based capital projects in the City's central business area. The City has worked closely with Special Business District and other groups to provide funding for improvements to the central business area of the City.

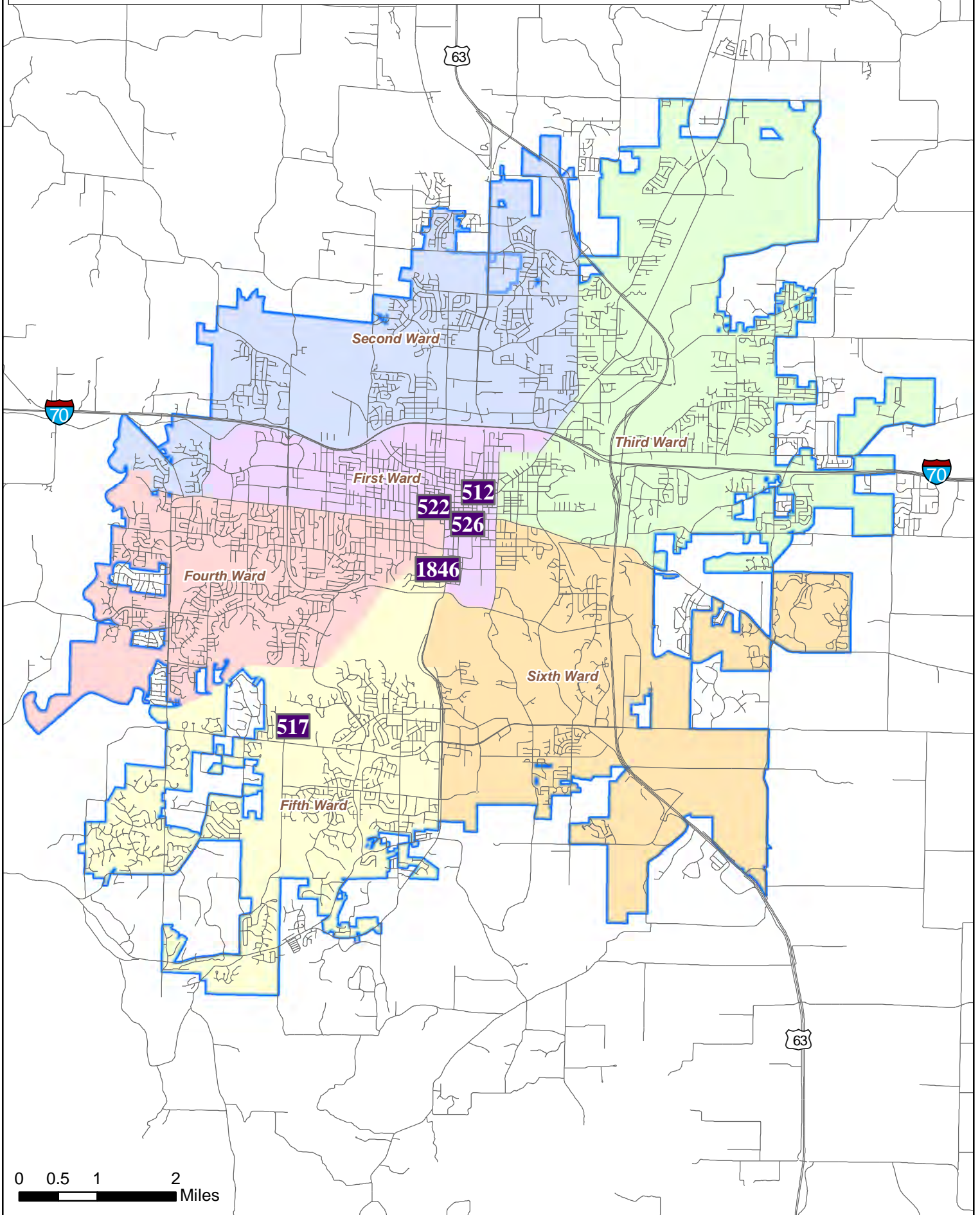
Capital contingency funds are also budgeted in this section.

Funding

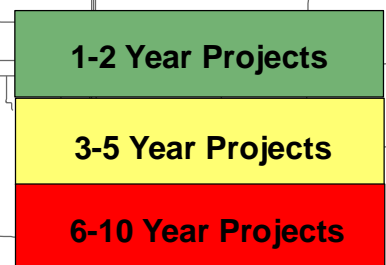
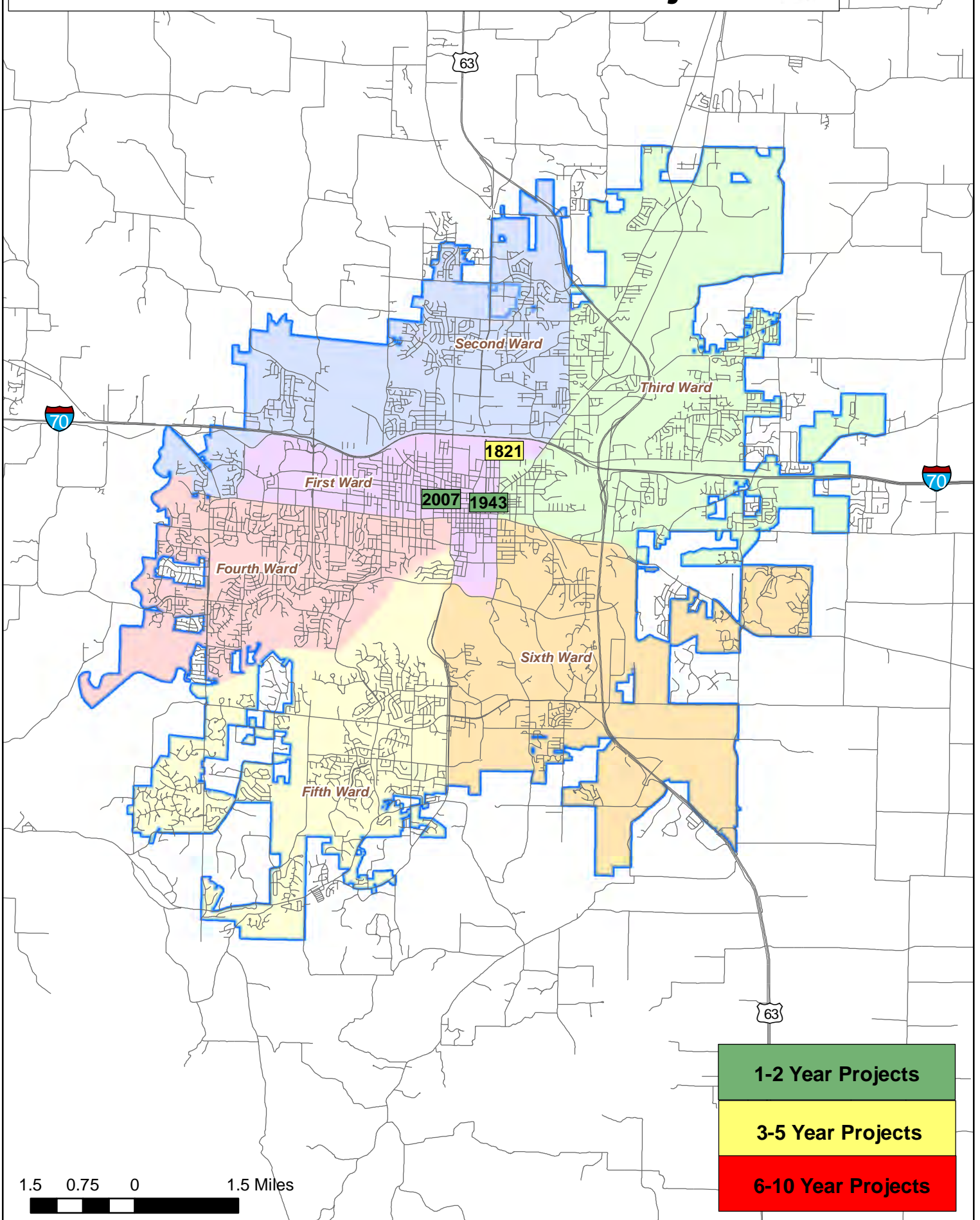
The City primarily uses local funding sources to meet its capital improvement needs for General Government projects. However grant funds are utilized whenever possible.

A limited amount of funding is provided by allocating 4.1% of the City's 1% General Revenue sales tax to capital needs. This allocation percentage has varied over the years as operational needs continue to grow. Also, the City continues to transfer \$700,000 annually from General Fund property taxes to support public building projects until the special obligation bond is fully paid.

Other Government Current Projects



Other Government Overall Projects



Other General Government CIP Projects

Project Name	Status	Ward	Begin Construction	Total Appropriated	Funding Still Needed	Unfunded/Future Ballot Amount
Annual						
1 Adopt A Spot - 00100 [ID: 7]	On-going	Citywide	2009	\$97,500		
2 Contingency 40138 [ID: 518]	On-going			\$1,303,296		
3 Downtown Special Projects 00140 [ID: 519]	On-going			\$536,261		
4 Grissum Fuel Site upgrades - FL001 [ID: 527]	On-going	1	2008	\$536,060		
5 Pub Bldgs Major Maint Ren 00021 [ID: 514]	On-going			\$1,188,539		
5 Projects				\$3,661,656	\$0	\$0

Project Name	Status	Ward	Begin Construction	Total Project Cost	Funding Still Needed	Unfunded/Future Ballot Amount
Current						
1 Blind Boone Home 00123 [ID: 522]	Ready to Close	1	2010	\$803,575		
2 Disabilities Commission Projects 00544 [ID: 1730]	Proposed		2013	\$2,000		
3 Disaster Recovery Facil 00538 [ID: 1736]	Proposed		2014	\$300,000		
4 Eighth St. Plan Avenue of the Col 00126 [ID: 526]	Final Design	1	2012	\$3,253,253	\$185,900	
5 Enterprise Resource Group Software COFERS- 00476 [ID: 1397]	Proposed		2012	\$9,260,519	\$160,000	
6 Land Grissum Expansion - 00369 [ID: 1148]	Proposed		2008	\$39,532		
7 Municipal Office Space Expansion 00099 [ID: 512]	Construction	1	2013	\$24,277,429		
8 Preliminary Project Studies 40140 [ID: 535]	Preliminary Design		2009	\$117,158		
9 Proximity Locks - 00599 [ID: 1858]	Proposed	1	2015	\$600,000	\$150,000	
10 Satellite Ops - Location in SW Columbia 00077 [ID: 517]	Proposed		2012	\$155,000		
11 Site: New Day/Room @ the Inn 00543 [ID: 1729]	Proposed		2013	\$126,741		
12 Transfer to GF for COFFERS Project Manager 00476 [ID: 1567]	Proposed		2013	\$463,825		
13 Walton Bldg Cap Improv 00587 [ID: 1846]	Proposed		2015	\$463,802	\$20,000	
13 Projects				\$39,862,834	\$515,900	\$0

1-2 Years						
1 CID Gateway project - 00680 [ID: 2007]	Proposed	1	2018	\$682,000	\$662,000	\$662,000
2 North Village Land Purchase 00616 [ID: 1943]	Preliminary Design	1	2017	\$200,000		
2 Projects				\$882,000	\$662,000	\$662,000

3-5 Years						
1 Grissum Building Renovations 00659 [ID: 1821]	Proposed		2019	\$4,500,000	\$4,000,000	
1 Projects				\$4,500,000	\$4,000,000	\$0

6-10 Years						
1 Addl Salt Storage Bldg (Mun Serv Center S) - 00632 [ID: 1831]	Proposed		2023	\$2,740,000	\$2,740,000	
2 Garage and fueling station (Mun Serv Center S) [ID: 1832]	Proposed		2025	\$2,000,000	\$2,000,000	
2 Projects				\$4,740,000	\$4,740,000	\$0

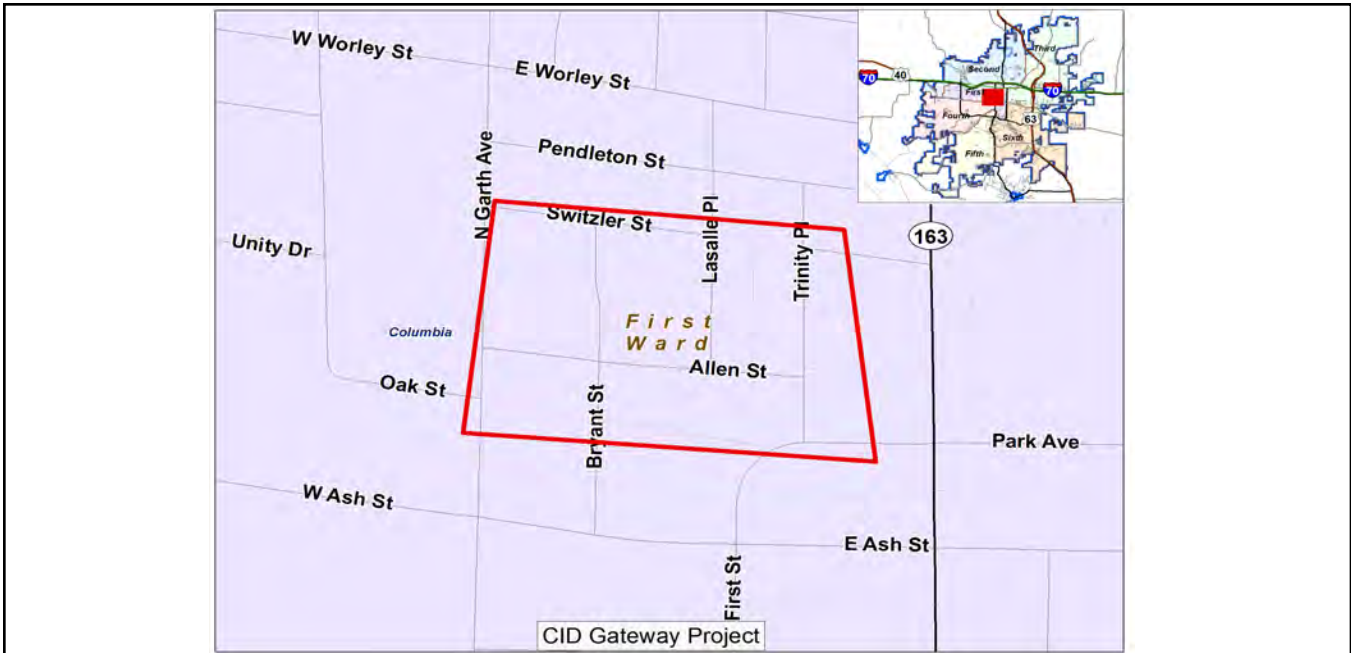
23 Total Projects				\$53,646,490	\$9,917,900	\$662,000
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CID Gateway project - 00680 Description: Collaboration with CID to create a Gateway downtown on Providence/Broadway	Ward	Begin Design	Begin Construction
	1	2017	2018
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$662,000
	Total Appropriated:		\$20,000
	Total City Project Cost:		\$682,000
	Est. Project Balance: 09/30/2016		\$20,000

Current Status:
 7-6-16: Proposed project.

Factors Effecting Timing/Completion of Project:

Eligible Funding Sources:	FY	Eligible Funding Sources	Amount
	2017	Gen Fd/PI	\$20,000
	2018	Unfunded	\$662,000
			\$682,000
Master Plan:			

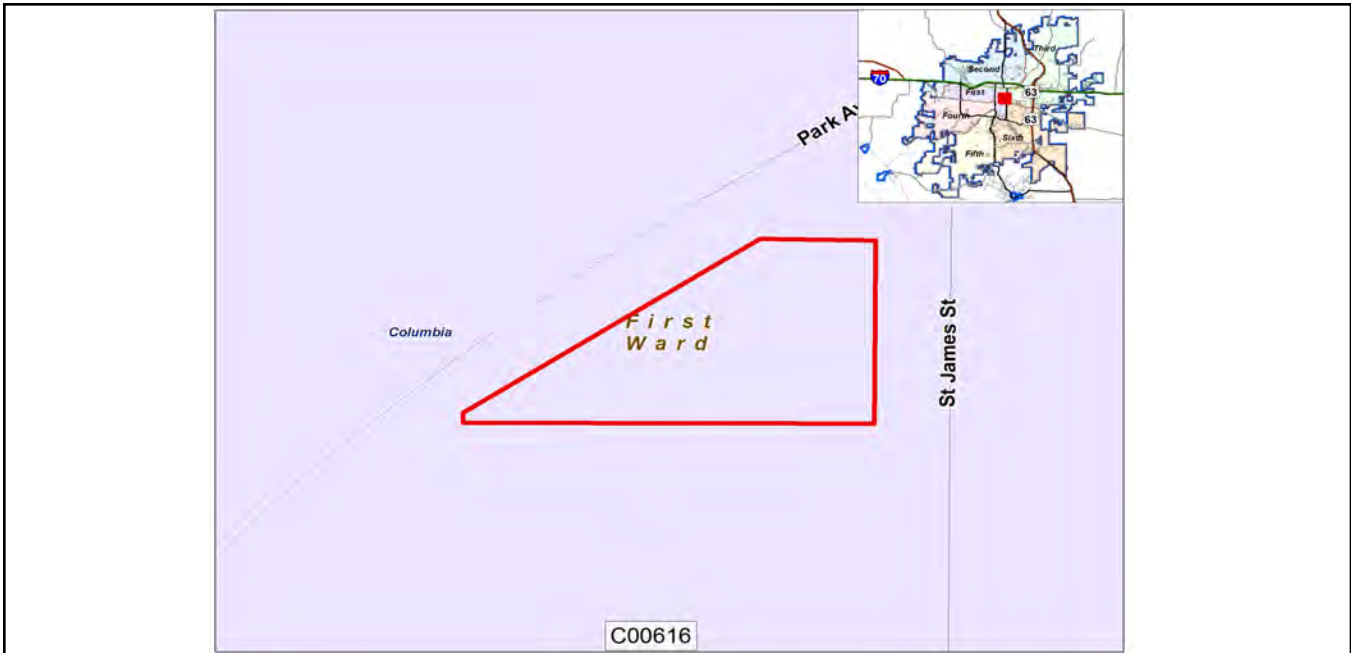


<p>North Village Land Purchase 00616</p> <p>Description: Purchase two (2) lots on St. James (309 and 307 St. James)</p>	Ward	Begin Design	Begin Construction
	1	2015	2017
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$0
	Total Appropriated:		\$200,000
	Total City Project Cost:		\$200,000
	Est. Project Balance: 09/30/2016		\$200,000

Current Status:
Future Project

Factors Effecting Timing/Completion of Project:

<p>Eligible Funding Sources: (B50-15) Appropriated Funds</p> <p>Master Plan:</p>	FY	Eligible Funding Sources	Amount



Grissum Building Renovations 00659

Description:
 Renovate the Grissum Building.
 2017 - Study
 2018 - Design
 2020 - Construction

Ward	Begin Design	Begin Construction
	2017	2019
Eligible for Percent for Arts?		No
Current Funding Request:		\$4,000,000
Total Appropriated:		\$500,000
Total City Project Cost:		\$4,500,000
Est. Project Balance: 09/30/2016		\$500,000

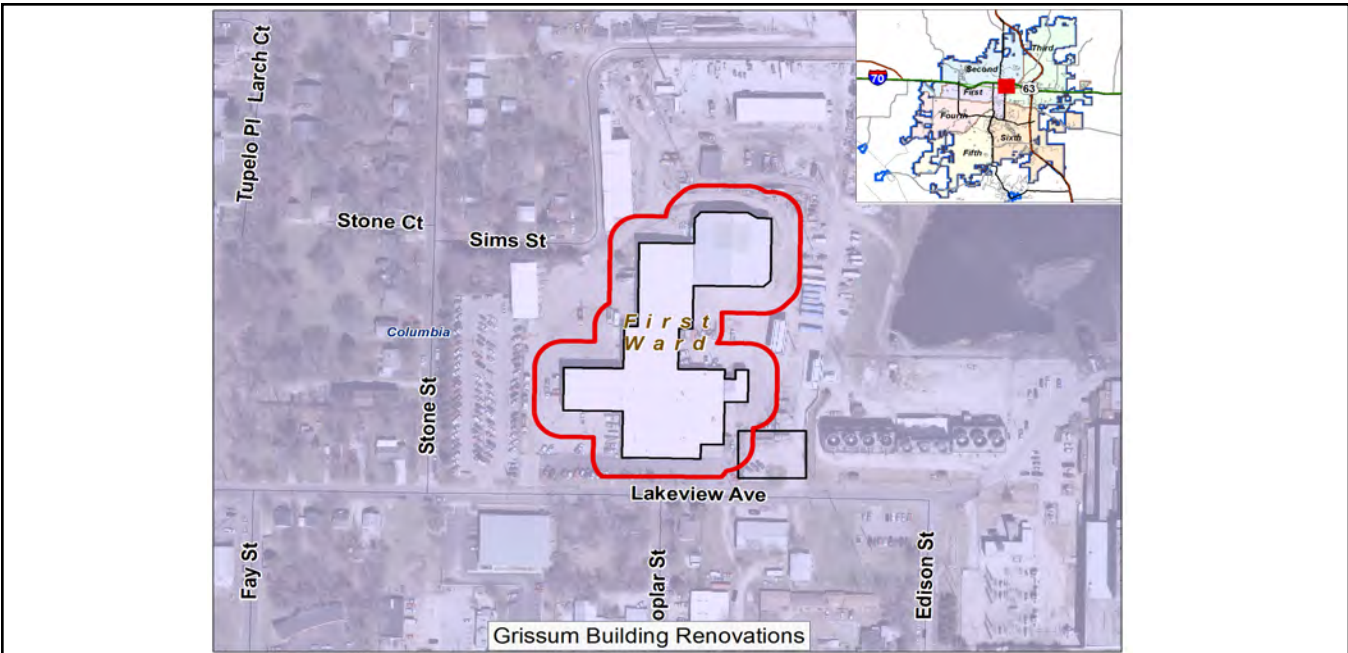
Current Status:
 10/1/15: Proposed project

Factors Effecting Timing/Completion of Project:
 Funding, Weather

Eligible Funding Sources:
 Capital Improvement sales tax

Master Plan:

FY	Eligible Funding Sources	Amount
2017	Cap Imp S Tax - 2015 Ballot	\$500,000
2019	Cap Imp S Tax - 2015 Ballot	\$4,000,000
		<u>\$4,500,000</u>



Addl Salt Storage Bldg (Mun Serv Center S) - 00632

Description:

Land purchase and additional salt dome in the south west portion of Columbia. Will be located on a site where a future police, fire, fueling, and garage facilities will be added to create the Municipal Service Center #2.

Ward	Begin Design	Begin Construction
	2021	2023
Eligible for Percent for Arts?		No
Current Funding Request:		\$2,740,000
Total Appropriated:		\$0
Total City Project Cost:		\$2,740,000
Est. Project Balance: 09/30/2016		\$0

Current Status:

10/1/15: funding in FY 2017

Factors Effecting Timing/Completion of Project:

Funding and Weather

Eligible Funding Sources:

Capital improvement sales tax

FY	Eligible Funding Sources	Amount
2021	Cap Imp S Tax - 2015 Ballot	\$600,000
2023	Cap Imp S Tax - 2015 Ballot	\$2,140,000
		<u>\$2,740,000</u>

Master Plan:



<p>Garage and fueling station (Mun Serv Center S)</p> <p>Description: Add a four bay garage and fueling station in Municipal Service Center #2 to be located in the southwest portion of Columbia</p>	Ward	Begin Design	Begin Construction
		2016	2025
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$2,000,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$2,000,000
	Est. Project Balance: 09/30/2016		\$0

<p>Current Status: 10/1/15: Future project</p>

<p>Factors Effecting Timing/Completion of Project:</p>

<p>Eligible Funding Sources: Capital improvement sales tax</p> <p>Master Plan:</p>	FY	Eligible Funding Sources	Amount
	2025	Cap Imp S Tax - 2015 Ballot	\$2,000,000 \$2,000,000

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Electric Capital Projects

Planning

The Capital Improvements Plan (CIP) Budget is updated annually. The CIP is a multi-year plan for capital expansion and replacement of aging facilities and infrastructure. As part of CIP preparation, the electric system is evaluated for adequacy and replacement requirements. The engineering staff of the electric utility develops recommendations for the CIP after consultation with the electric distribution and electric production staff. These recommendations then go through a review process that includes the Director of Water & Light, the City Manager, the Columbia Water & Light Advisory Board (a citizen advisory board), and finally the Columbia City Council.

Various evaluation tools are utilized to make the recommendations outlined in the annual CIP. This includes evaluation of circuit loading after system peak; evaluation of customer growth patterns; communication with inter-connected systems; and, evaluation of the need to upgrade lower voltage lines and/or replace older lines due to a history of faults.

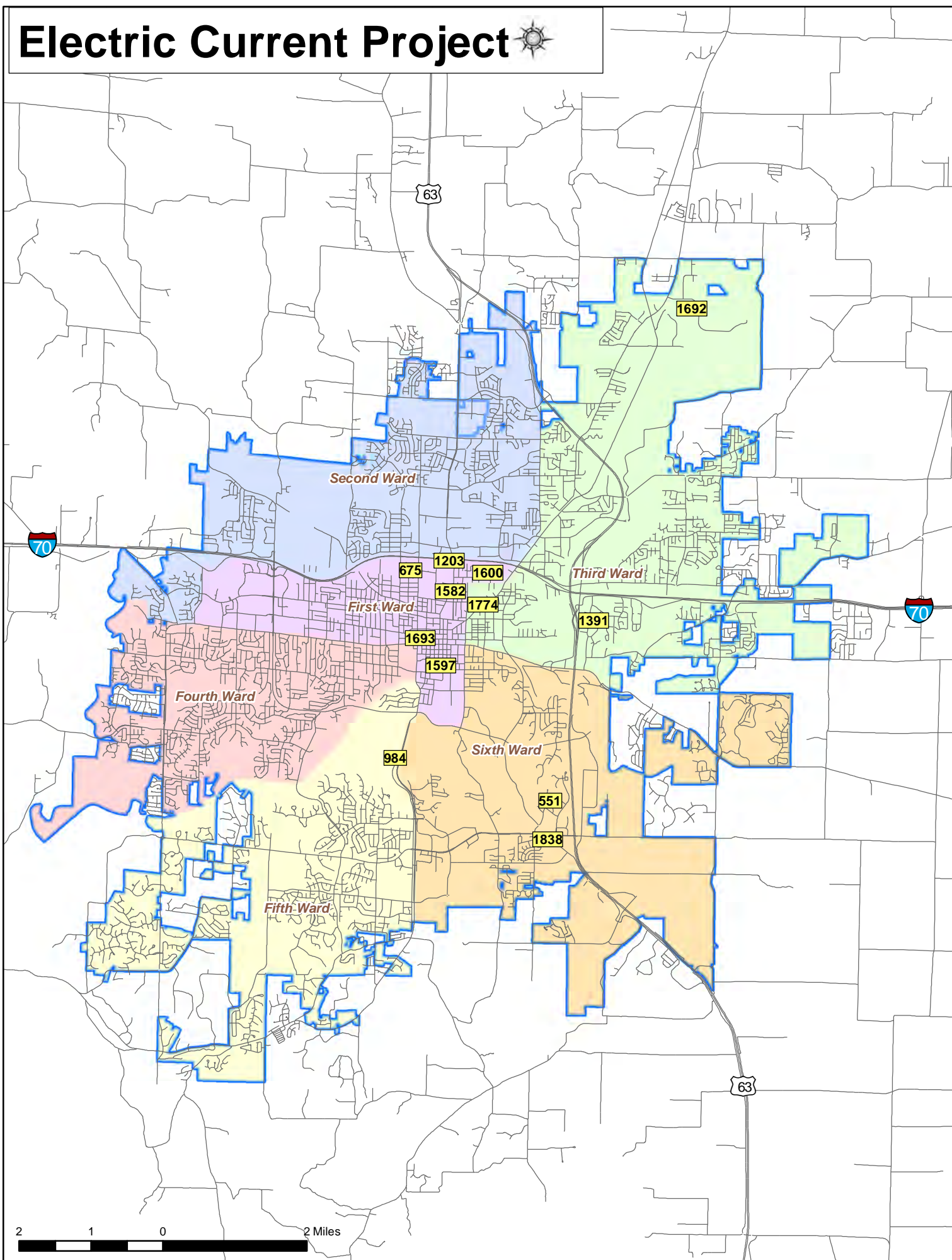
In addition, an active preventive maintenance program is in place that can identify problem areas that may require inclusion in the CIP. This includes:

- 1.) Formal monthly inspections of electric substations.
- 2.) Periodic oil testing of distribution transformers and other major equipment.
- 3.) Infra-red scans of electric substations every six months.
- 4.) Infra-red scans of transformers at large industrial customers annually.
- 5.) Eleven tree-trimming crews to maintain clearances on overhead lines.

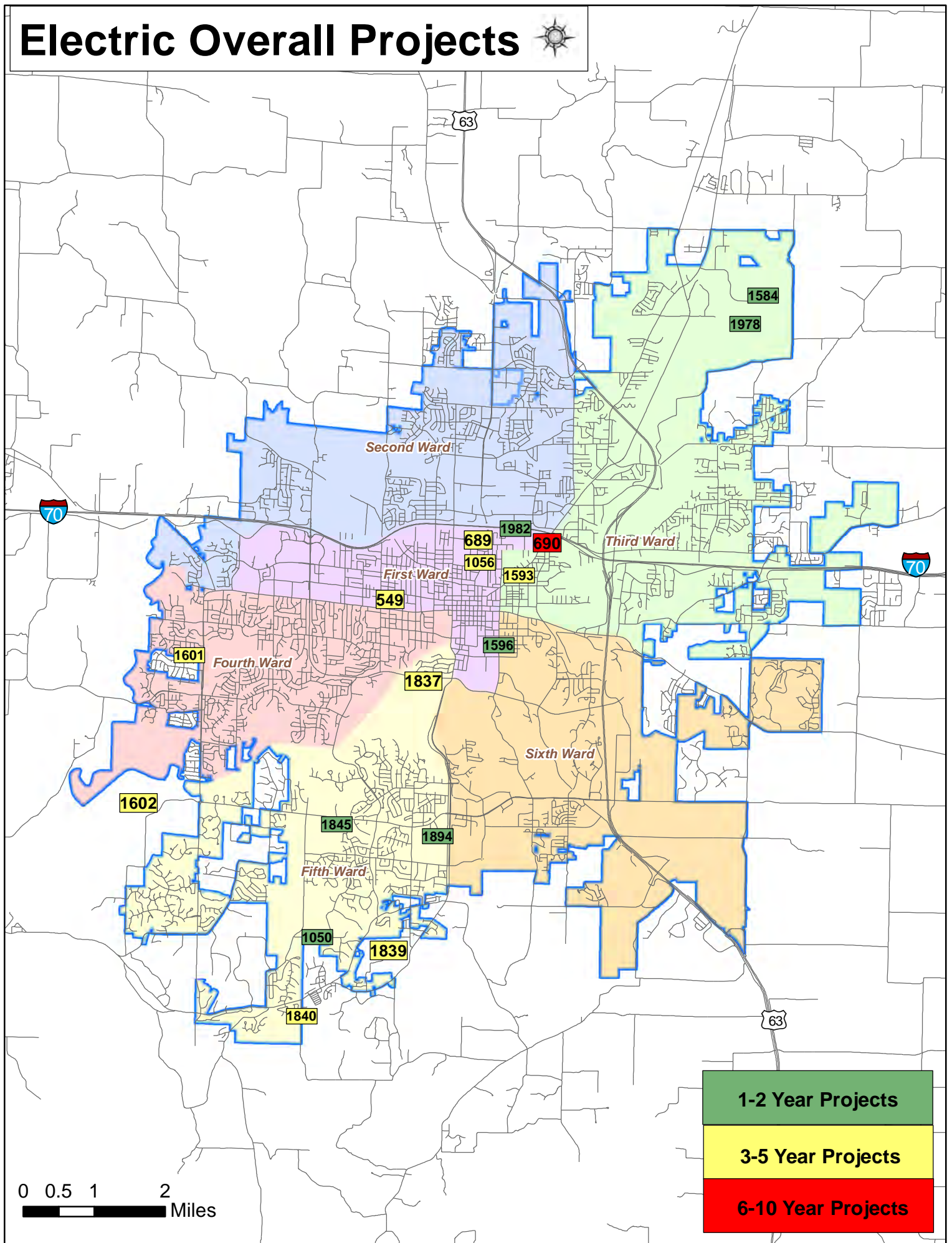
Funding

Funding for the electric CIP program is a combination of revenue bonds and enterprise revenue. This will vary based on the size and timing of projects. The last multi-year revenue bond was passed by voters in 2006, and all funds were appropriated to projects in FY 2006 through FY 2010. A revenue bond was approved by voters in April 2011 for the purchase of the remaining 75% interest in the Columbia Energy Center. A new multi-year revenue bond was approved by the voters in April 2015. Funding for several annual projects will come from enterprise revenue.

Electric Current Project



Electric Overall Projects



0 0.5 1 2 Miles

1-2 Year Projects
3-5 Year Projects
6-10 Year Projects

Electric CIP Projects

Project Name	Status	Ward	Begin Construction	Total Appropriated	Funding Still Needed	Unfunded/Future Ballot Amount
Annual						
1 Annual Bond Contingency - E0009 [ID: 557]	On-going			\$1,005,000	\$400,000	
2 Annual Commercial Expansion - E0117 [ID: 556]	On-going	Citywide		\$10,956,442		
3 Annual Distrib. Transformers & Capacitors - E0021 [ID: 559]	On-going	Citywide		\$19,715,081		
4 Annual Ent Rev Contingency - E0003 [ID: 1359]	On-going			\$59,683		
5 Annual Fiber Optic Cable - E0082 [ID: 560]	On-going	Citywide		\$3,099,166		
6 Annual Load Management - E0049 [ID: 561]	On-going	Citywide		\$2,152,298		
7 Annual New Electric Connections - E0053 [ID: 563]	On-going	Citywide		\$17,047,298		
8 Annual Relocation of Distribution Lines - E0199 [ID: 1847]	On-going			\$650,000		
9 Annual Replace Circuit Breakers - E0153 [ID: 1109]	On-going		2019	\$719,000		
10 Annual Replacement of Existing Overhead - E0118 [ID: 651]	On-going	System-Wide		\$6,108,000		
11 Annual Replacement of Existing UG System - E0107 [ID: 562]	On-going	Citywide		\$2,230,000		
12 Annual Residential Expansion - E0116 [ID: 564]	On-going	Citywide		\$6,785,000		
13 Annual Street Light Additions - E0052 [ID: 565]	On-going	Citywide		\$4,416,651		\$200,000
14 Annual Substation Feeder Additions - E0115 [ID: 566]	On-going	Citywide		\$7,747,294		
15 Annual Transmission System Replacement - E0101 [ID: 567]	On-going	Citywide		\$3,320,000		
16 Annual Underground Conversion - E0027 [ID: 555]	On-going	Citywide		\$10,669,432		
17 Mercury Vapor Streetlight Replacement - E0182 [ID: 1599]	On-going	All	2018	\$100,000		\$100,000
18 Replace Switchgear at Substations - E0189 [ID: 1773]	On-going		2018			
19 Substation Transformer Replacement - E0192 [ID: 1776]	On-going			\$1,200,000		
19 Projects				\$97,980,345	\$400,000	\$300,000

Project Name	Status	Ward	Begin Construction	Total Project Cost	Funding Still Needed	Unfunded/Future Ballot Amount
Current						
1 69 Kv System Relay Upgrade - E0145 [ID: 984]	Final Design	4,5,6	2015	\$763,815		
2 BLoop 70 - Phase 4 Undrgrndg Garth-Prov - E0127 [ID: 675]	Construction	1	2015	\$1,090,000		
3 Boiler 8 Upgrades - E0183 [ID: 1600]	Construction	1	2016	\$2,900,000		
4 Build New Lab - Power Plant - E0174 [ID: 1582]	Construction	1	2016	\$330,000		
5 CEC - Distributed Control Systems - E0186 [ID: 1692]	Construction	3	2016	\$2,500,000		
6 Downtown Streetlights - E0180 [ID: 1597]	Construction	1	2016	\$302,000		
7 New South Side 161/13.8 Kv Substation - E0121 [ID: 551]	Preliminary Design	5 or 6	2016	\$7,006,000		
8 Power Plant Control Center - E0190 [ID: 1774]	Ready to Close	1	2016	\$494,793		
9 Replace Measurement & Data Acquisition Sys - E0159 [ID: 1203]	Construction	3	2016	\$100,000		
10 Replace UG electric, Keene & Lansing - E0168 [ID: 1391]	Preliminary Design	3	2016	\$275,000		
11 Substation Upgrades-Grnstrn & Perche - E0194 [ID: 1838]	Preliminary Design	4 & 6	2016	\$1,270,026		
11 Projects				\$17,031,634	\$0	\$0

1-2 Years						
1 College Undergrounding-Univ to Bouchelle - E0179 [ID: 1596]	Proposed	1 & 6	2017	\$400,000		
2 Distribution Automation - E0200 [ID: 1893]	Proposed	4	2017	\$150,000		
3 Landfill Gas Generator #4 - E0175 [ID: 1584]	Preliminary Design	3	2018	\$2,000,000	\$1,600,000	
4 Mill Creek Sub Transmissn Connect to 2 Subs-E0148 [ID: 1050]	Preliminary Design	5 & outside	2018	\$21,235,000	\$8,000,000	
5 More's Lake Restoration - E0204 [ID: 1982]	Final Design	1	2018	\$1,300,000	\$1,000,000	
6 Reconfiguration of Substation Feeders-E0201 [ID: 1894]	Proposed		2018	\$7,150,000	\$4,300,000	
7 Replace Landfill Gas Generator Engines - E0203 [ID: 1978]	Bid		2017	\$1,500,000		
8 UG Distribution Lines in Trans Corridor - E0198 [ID: 1845]	Proposed		2018	\$4,400,000	\$2,500,000	
8 Projects				\$38,135,000	\$17,400,000	\$0

3-5 Years						
1 Broadway Undergrounding - E0120 [ID: 549]	Proposed	1	2021	\$550,000		

Electric CIP Projects

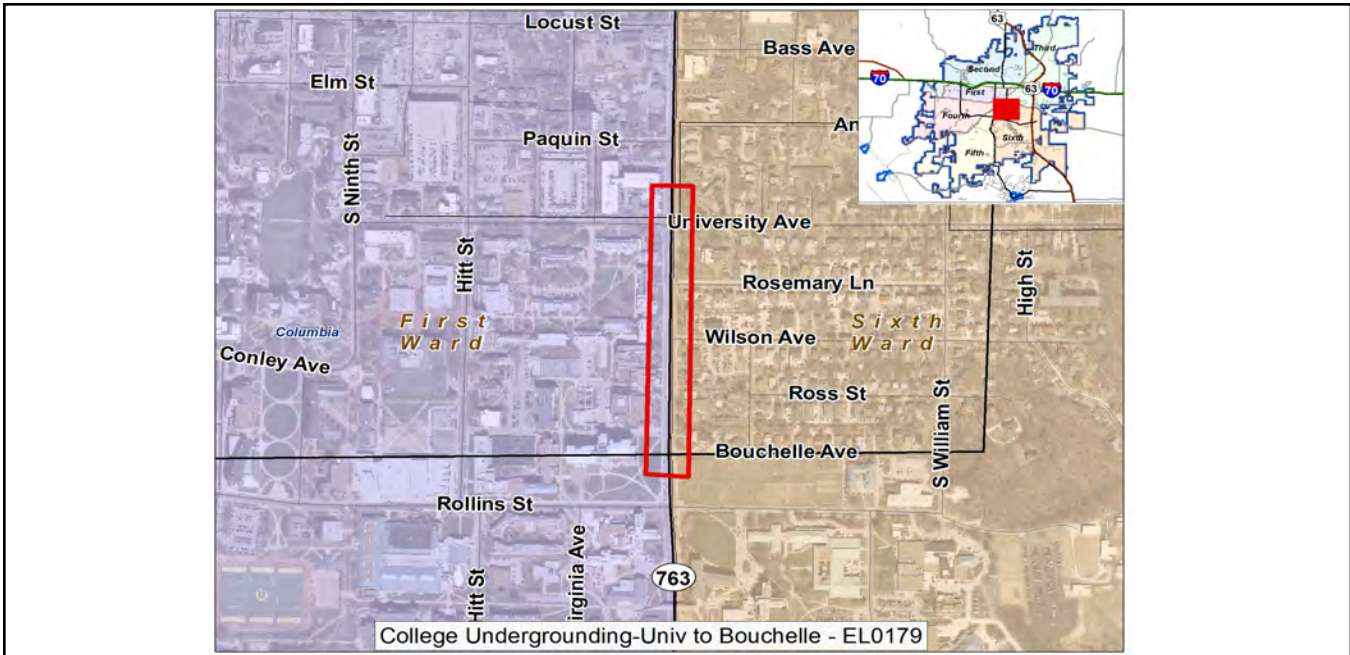
Project Name	Status	Ward	Begin Construction	Total Project Cost	Funding Still Needed	Unfunded/Future Ballot Amount
3-5 Years						
2 Brushwood Lake Road Loop Closure - E0185 [ID: 1602]	Proposed	5 & Outside City	2020	\$750,000	\$750,000	\$750,000
3 Business Loop 70 - Phase 5 Undergrounding - E0140 [ID: 689]	Proposed	1 & 3	2021	\$2,450,000	\$2,450,000	\$2,450,000
4 Extend Hinkson Creek Substation Feeders - E0193 [ID: 1837]	Proposed	5	2019	\$10,000,000	\$10,000,000	\$5,000,000
5 Future Substation Transformer - E0184 [ID: 1601]	Proposed	4	2019	\$800,000	\$600,000	
6 McBaine Substation Upgrades - E0196 [ID: 1840]	Proposed		2021	\$2,500,000	\$2,500,000	\$2,500,000
7 Mill Creek & McBaine Interconnection - E0195 [ID: 1839]	Proposed		2021	\$10,000,000	\$10,000,000	\$10,000,000
8 Power Plant Substation Upgrades - E0151 [ID: 1056]	Proposed	1	2019	\$1,500,000		
9 Warehouse & Enclosed Equipment Parking - E0176 [ID: 1593]	Preliminary Design	3	2020	\$4,800,000	\$4,400,000	\$4,400,000
9 Projects				\$33,350,000	\$30,700,000	\$25,100,000
6-10 Years						
1 Business Loop 70 - Phase 6 Undergrounding - E0141 [ID: 690]	Proposed	1 & 3	2022	\$1,500,000	\$1,500,000	\$1,500,000
1 Projects				\$1,500,000	\$1,500,000	\$1,500,000
48 Total Projects				\$187,996,979	\$50,000,000	\$26,900,000

College Undergrounding-Univ to Bouchelle - E0179 Description: Project to underground section of College Avenue.	Ward	Begin Design	Begin Construction
	1 & 6	2016	2017
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$0
	Total Appropriated:		\$400,000
	Total City Project Cost:		\$400,000
	Est. Project Balance: 09/30/2016		\$400,000

Current Status:
 9/6/16 We are working with the Sigma Nu fraternity and with Christian Campus House to obtain easements for a new padmounted switchgear and transformer, significant to the UG'ing of College Ave near Bouchelle.

Factors Effecting Timing/Completion of Project:
 funding, weather

Eligible Funding Sources: Future ballot Master Plan:	FY	Eligible Funding Sources	Amount



Distribution Automation - E0200 Description: Pilot program to install some meters as part of a automatic metering infrastructure and associated communications.	Ward	Begin Design	Begin Construction
	4	2017	2017
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$0
	Total Appropriated:		\$150,000
	Total City Project Cost:		\$150,000
	Est. Project Balance: 09/30/2016		\$150,000

Current Status:
 10/12/2016 - Location of pilot program has been determined. Higher priority projects have pushed back the timeline for this project.

Factors Effecting Timing/Completion of Project:
 Staff Availability

Eligible Funding Sources: Enterprise Master Plan:	FY	Eligible Funding Sources	Amount

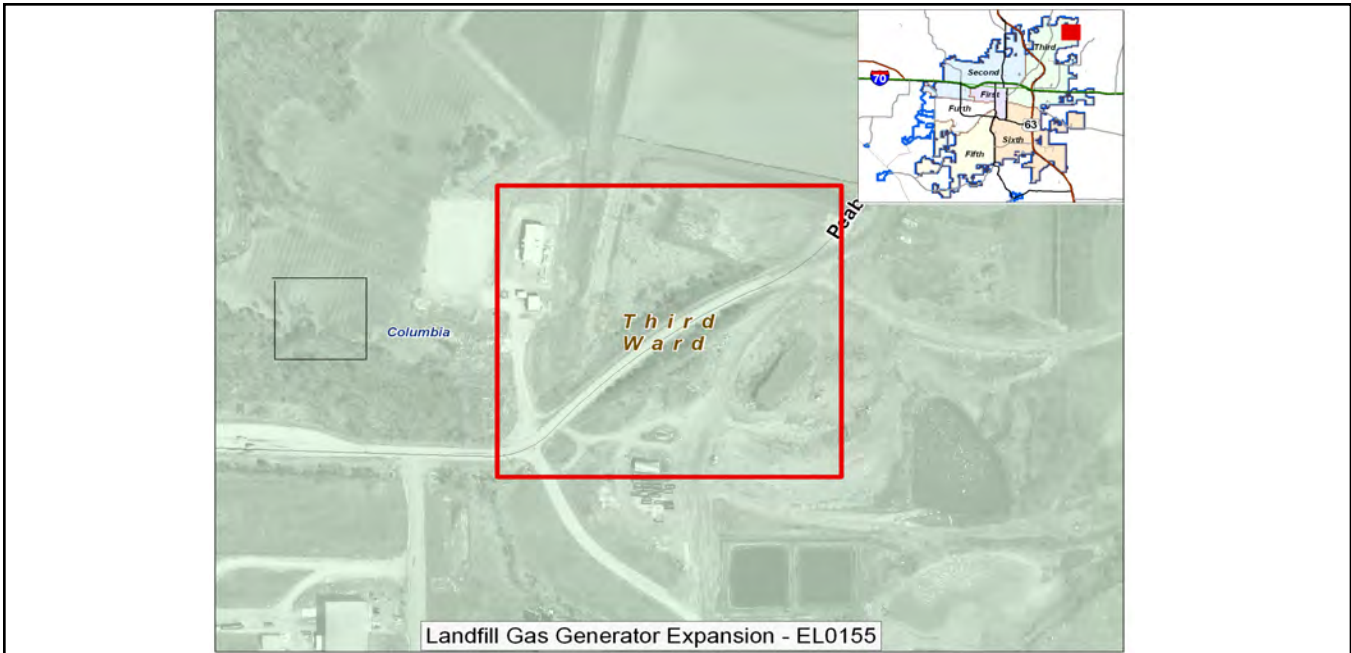


Landfill Gas Generator #4 - E0175 Description: Project to install last generator in space available at Landfill Gas Generation site.	Ward	Begin Design	Begin Construction
	3	2018	2018
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$1,600,000
	Total Appropriated:		\$400,000
	Total City Project Cost:		\$2,000,000
	Est. Project Balance: 09/30/2016		\$388,500

Current Status:
 10-05-2016 - Air permitting work underway for air permit to authorize installation of fourth engine.

Factors Effecting Timing/Completion of Project:
 Funding, sufficient landfill gas, and authorizing air permit from MDNR.

Eligible Funding Sources: Enterprise Revenue & 2015 ballot Master Plan:	FY	Eligible Funding Sources	Amount
	2018	2015 Electric Bond	\$1,600,000 \$1,600,000



Mill Creek Sub Transmism Connect to 2 Subs-E0148

Description:

Project to build transmission lines for the interconnection of the proposed Mill Creek Substation with Grindstone & Perche Substations

Ward	Begin Design	Begin Construction
5 & outside	2011	2018
Eligible for Percent for Arts?		No
Current Funding Request:		\$8,000,000
Total Appropriated:		\$13,235,000
Total City Project Cost:		\$21,235,000
Est. Project Balance: 09/30/2016		\$9,932,159

Current Status:

10-12-16 Because of result of Public Hearing on January 19, 2016 work is to be placed on hold until further notice. Some in process contracts being worked to completion or put on hold in an appropriate manner.

Factors Effecting Timing/Completion of Project:

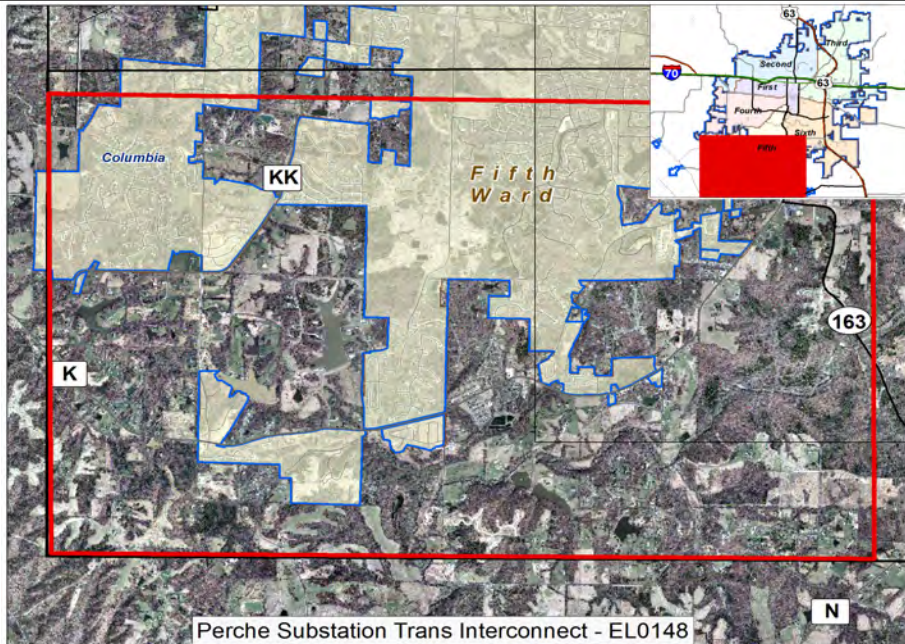
Funding, Easements, Regulatory Pressure

Eligible Funding Sources:

Enterprise Revenue; Future Ballot

FY	Eligible Funding Sources	Amount
2018	2015 Electric Bond	\$8,000,000
		\$8,000,000

Master Plan:



<p>More's Lake Restoration - E0204</p> <p>Description: Restoration of More's Lake at the Columbia Municipal Power Plant.</p>	Ward	Begin Design	Begin Construction
	1	2016	2018
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$1,000,000
	Total Appropriated:		\$300,000
	Total City Project Cost:		\$1,300,000
	Est. Project Balance: 09/30/2016		\$12,223

Current Status:
10-05-2016 - Design work underway by Burns & McDonnell. CWL forces are actively excavating and stockpiling ash.

Factors Effecting Timing/Completion of Project:
Work must be complete by April 2018 per Coal Combustion Residual regulations.

Eligible Funding Sources:	FY	Eligible Funding Sources	Amount
	2017	Ent Rev	\$1,000,000
			\$1,000,000
Master Plan:			



Reconfiguration of Substation Feeders- E0201

Description:
 This project is to install new feeders from the new Mill Creek Substation to off-load other substations. Eight existing feeders have been identified were load will be shifted to the new substation.

Ward	Begin Design	Begin Construction
	2016	2018
Eligible for Percent for Arts?		No
Current Funding Request:		\$4,300,000
Total Appropriated:		\$2,850,000
Total City Project Cost:		\$7,150,000
Est. Project Balance: 09/30/2016		\$2,689,330

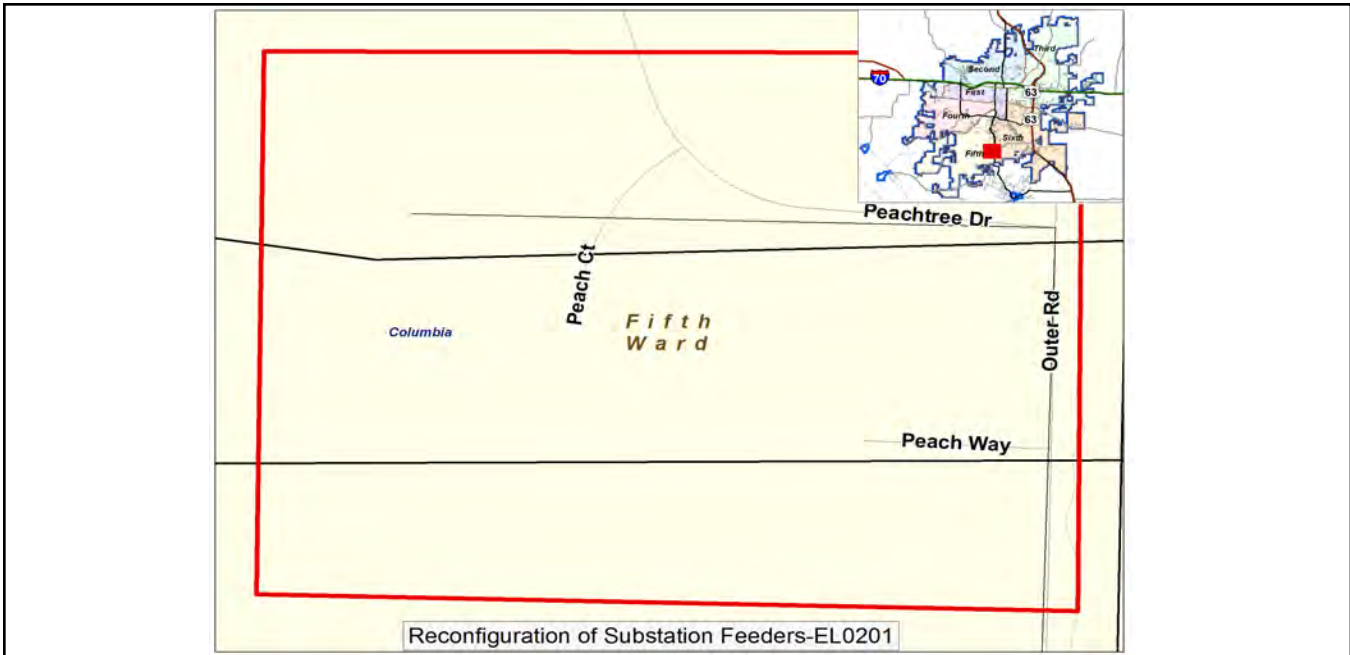
Current Status:
 10-12-16 Because of result of Public Hearing on January 19, 2016 work is to be placed on hold until further notice. Some in process contracts being worked to completion or put on hold in an appropriate manner.

Factors Effecting Timing/Completion of Project:

Eligible Funding Sources:
 2015 ballot

Master Plan:

FY	Eligible Funding Sources	Amount
2018	2015 Electric Bond	\$4,300,000
		\$4,300,000

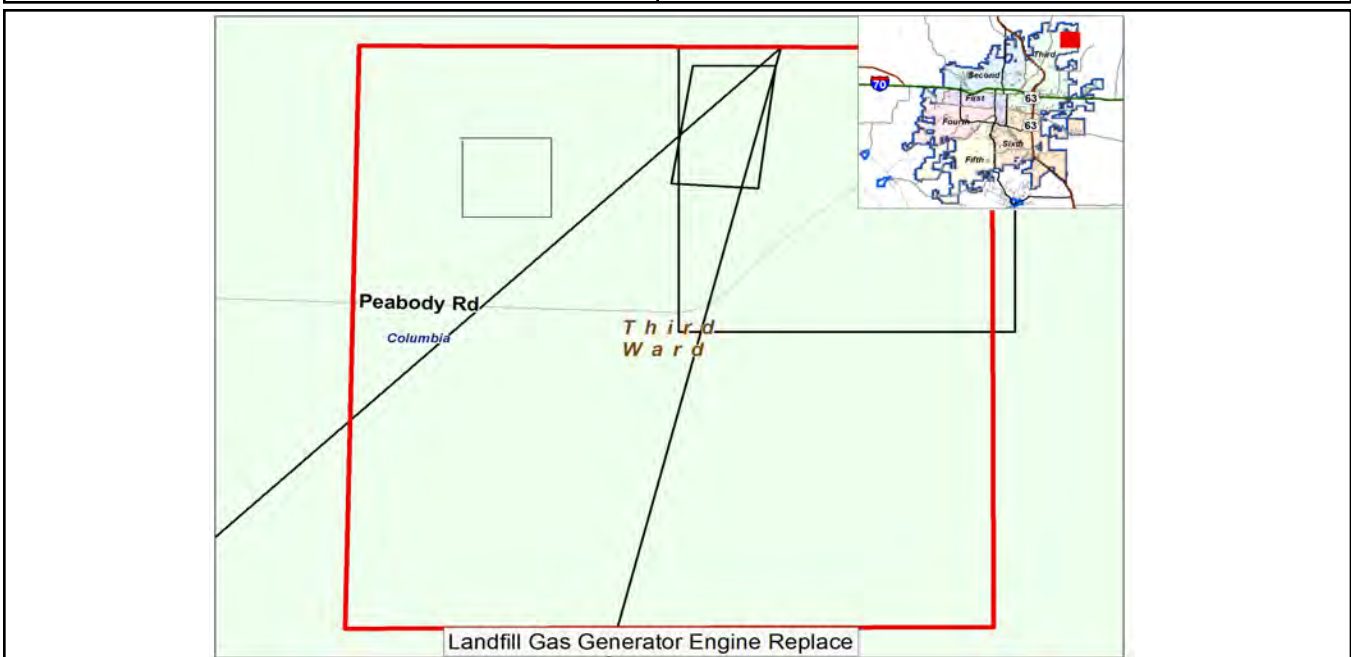


<p>Replace Landfill Gas Generator Engines - E0203</p> <p>Description: Original reciprocating engines have been rebuilt and hours of operation are at the point where replacement is needed.</p>	Ward	Begin Design	Begin Construction
		2017	2017
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$0
	Total Appropriated:		\$1,500,000
	Total City Project Cost:		\$1,500,000
	Est. Project Balance: 09/30/2016		\$1,500,000

Current Status:
10-05-2016 - Replacement engines have been order with 6 month expected delivery time.

Factors Effecting Timing/Completion of Project:

<p>Eligible Funding Sources:</p>	FY	Eligible Funding Sources	Amount
	2017	Ent Rev	\$1,000,000 \$1,000,000
<p>Master Plan:</p>			



UG Distribution Lines in Trans Corridor - E0198

Description:

This project is to underground distribution lines in conjunction with the transmission project EL0148.

Ward	Begin Design	Begin Construction
	2016	2018
Eligible for Percent for Arts?		No
Current Funding Request:		\$2,500,000
Total Appropriated:		\$1,900,000
Total City Project Cost:		\$4,400,000
Est. Project Balance: 09/30/2016		\$1,895,569

Current Status:

10-12-16 Because of result of Public Hearing on January 19, 2016 work is to be placed on hold until further notice. Some in process contracts being worked to completion or put on hold in an appropriate manner.

Factors Effecting Timing/Completion of Project:

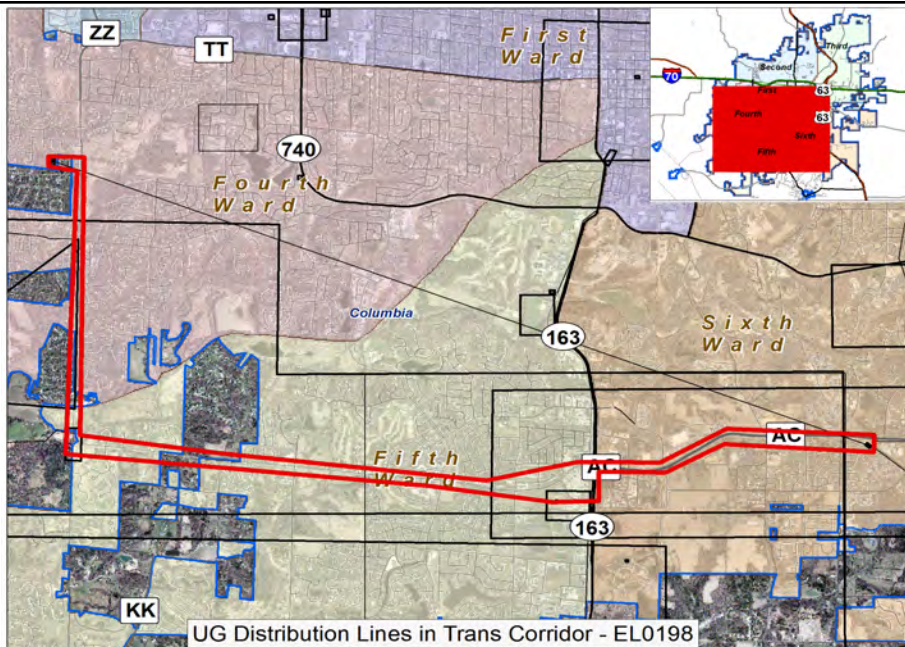
funding

Eligible Funding Sources:

2015 ballot

FY	Eligible Funding Sources	Amount
2018	2015 Electric Bond	\$2,500,000
		\$2,500,000

Master Plan:



UG Distribution Lines in Trans Corridor - EL0198

Broadway Undergrounding - E0120

Description:

Conversion of overhead electric distribution line to underground, including underground of secondary services, phone and cable from Garth to West on West Broadway, in conjunction with W. Broadway rehabilitation.

Ward	Begin Design	Begin Construction
1	2021	2021
Eligible for Percent for Arts?		No
Current Funding Request:		\$0
Total Appropriated:		\$550,000
Total City Project Cost:		\$550,000
Est. Project Balance: 09/30/2016		\$550,000

Current Status:

CW&L will begin work to relocate its facilities after Public Works issues final plans for construction and new utility easements have been acquired.

Factors Effecting Timing/Completion of Project:

Timing of road work on Broadway in conjunction with this project.

Eligible Funding Sources:

Bond Funds 2006

Master Plan:

FY	Eligible Funding Sources	Amount

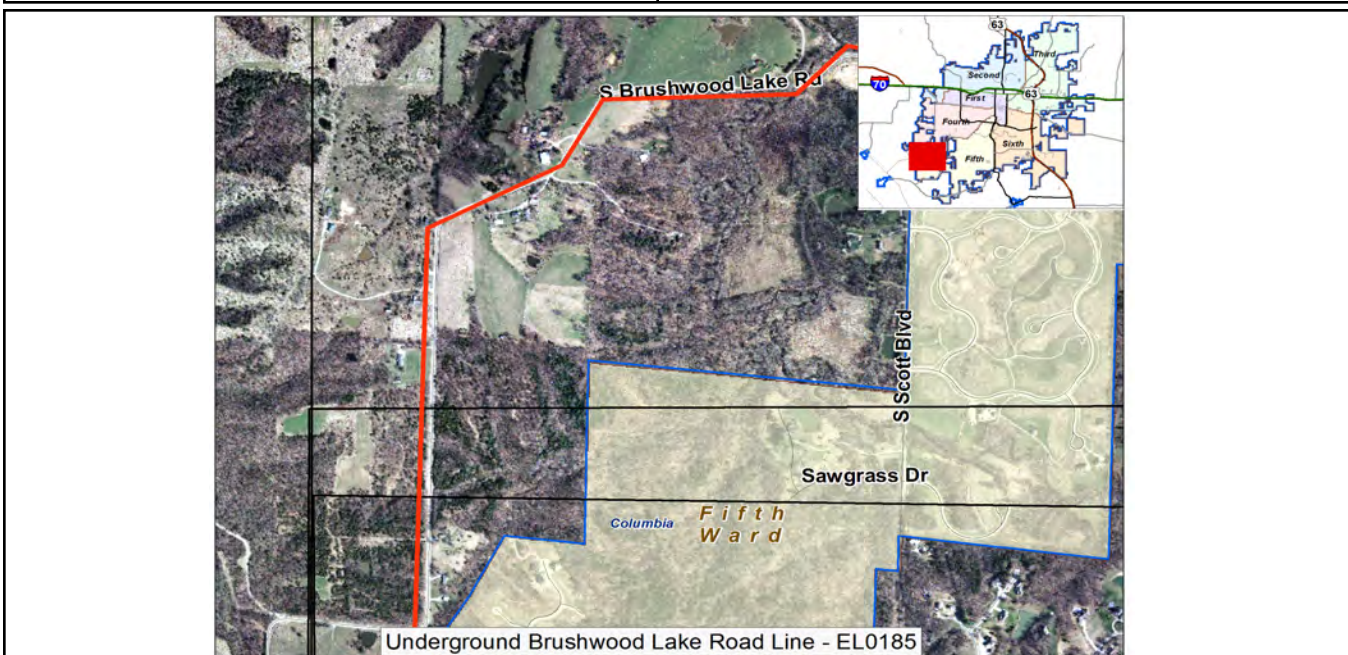


Brushwood Lake Road Loop Closure - E0185 Description: Project to extend three phase 13.8KV electric line on Brushwood Lake Road to provide a loop feed to part of the South West service territory.	Ward	Begin Design	Begin Construction
	5 & Outside City	2020	2020
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$750,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$750,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
 This is a project that could be done in the future depending on the ability to get necessary easements.

Factors Effecting Timing/Completion of Project:
 funding and completion of Scott Blvd Phase 2 project

Eligible Funding Sources: Future Ballot Master Plan:	FY	Eligible Funding Sources	Amount
	2020	Unfunded	\$750,000
			\$750,000

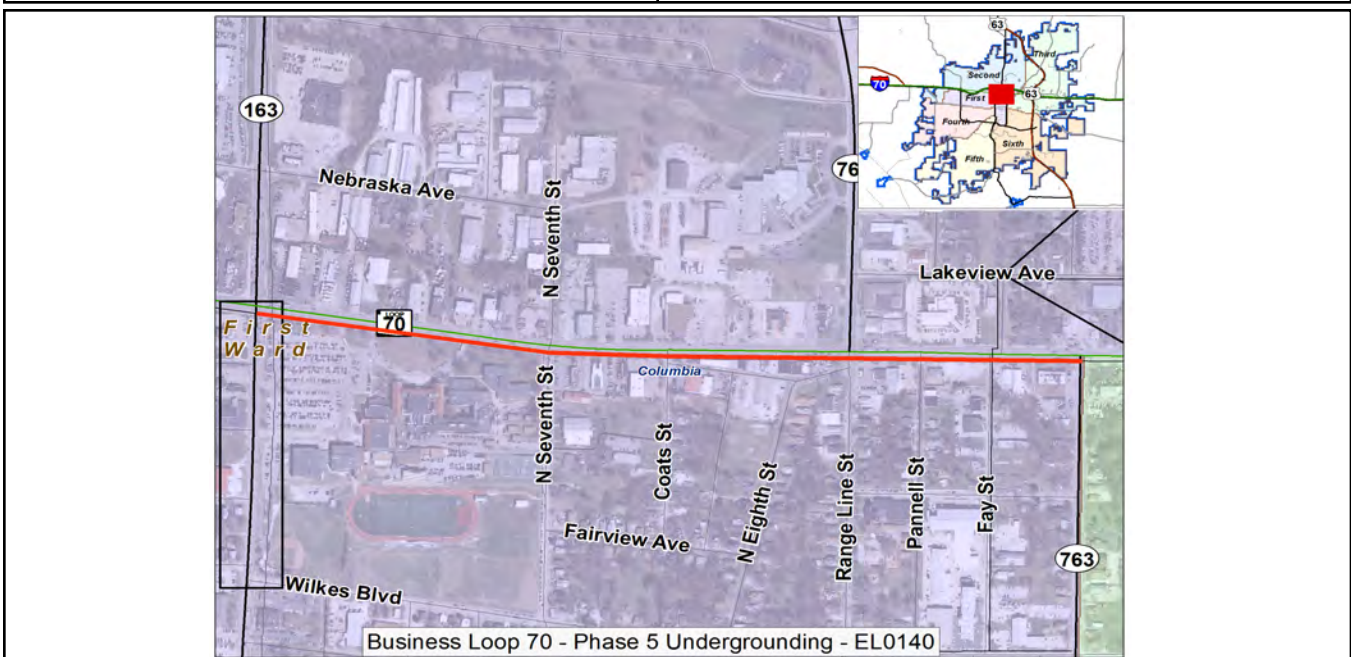


Business Loop 70 - Phase 5 Undergrounding - E0140 Description: Business Loop 70 project to convert 3,600 feet of overhead line to underground between Providence Rd and College Ave.	Ward	Begin Design	Begin Construction
	1 & 3	2020	2021
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$2,450,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$2,450,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
Funding targeted for FY 2020

Factors Effecting Timing/Completion of Project:
Funding, easements, weather, coordination with other utilities (phone, cable)

Eligible Funding Sources: Enterprise revenue, Future Ballot Master Plan:	FY	Eligible Funding Sources	Amount
	2020	Unfunded	\$2,450,000
			\$2,450,000

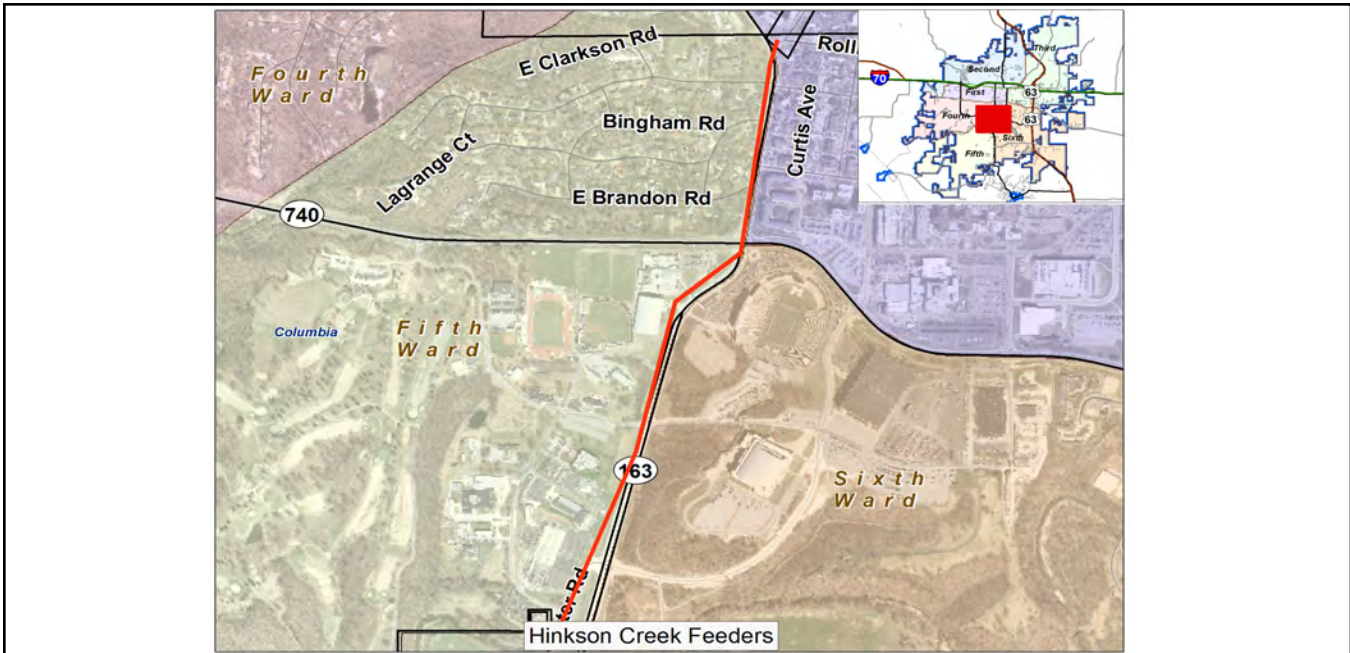


<p>Extend Hinkson Creek Substation Feeders - E0193</p> <p>Description: Project to extend feeders to overloaded areas as needed. Contingent on completion of new south substation. Plan for two feeders - one in 2018 and one in 2020.</p>	Ward	Begin Design	Begin Construction
	5	2018	2019
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$10,000,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$10,000,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
Proposed for FY18. Initial phase to be funded from electric ballot proposal.

Factors Effecting Timing/Completion of Project:

<p>Eligible Funding Sources: Future ballot & 2015 ballot</p> <p>Master Plan:</p>	FY	Eligible Funding Sources	Amount
	2018	2015 Electric Bond	\$5,000,000
	2020	Unfunded	\$5,000,000
			\$10,000,000

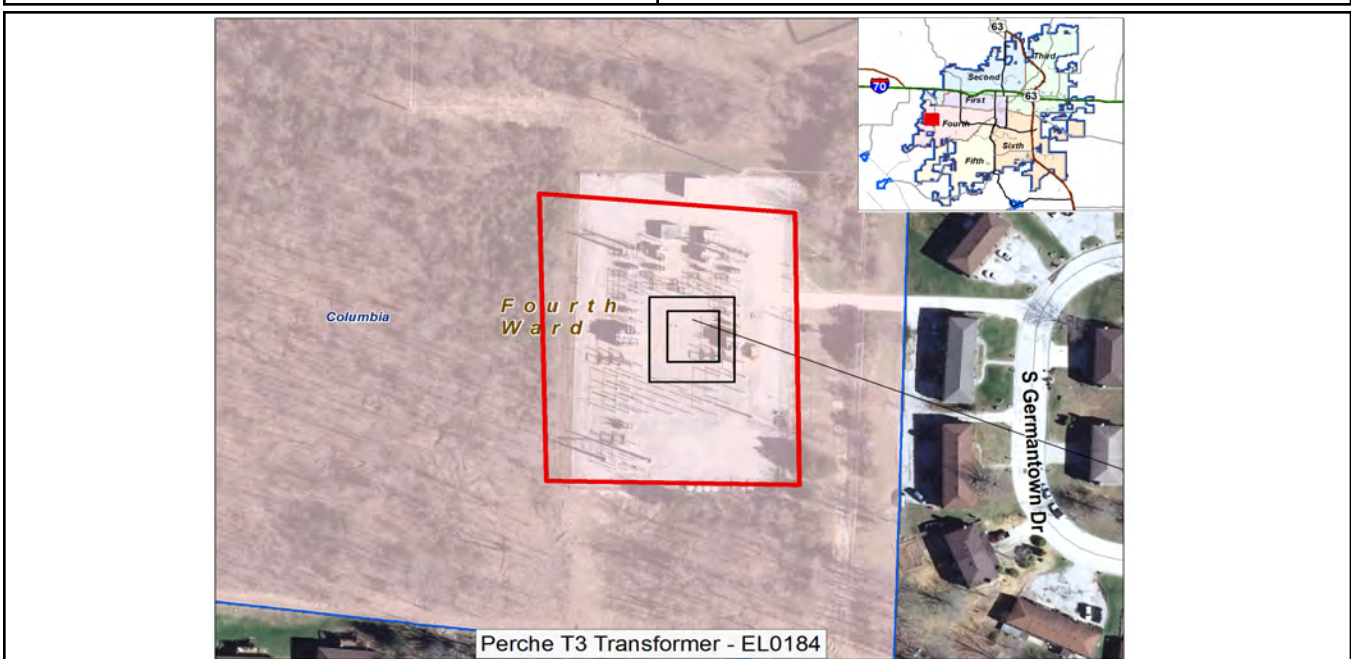


Future Substation Transformer - E0184 Description: Project to install additional transformer as loads dictate.	Ward	Begin Design	Begin Construction
	4	2018	2019
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$600,000
	Total Appropriated:		\$200,000
	Total City Project Cost:		\$800,000
	Est. Project Balance: 09/30/2016		\$200,000

Current Status:
 Re-evaluation of the optimal location for the installation of transformer.

Factors Effecting Timing/Completion of Project:
 funding

Eligible Funding Sources: Enterprise Revenues & Future Ballot Master Plan:	FY	Eligible Funding Sources	Amount
	2018	Ent Rev	\$200,000
	2019	Ent Rev	\$200,000
	2020	Ent Rev	\$200,000
			\$600,000



McBaine Substation Upgrades - E0196 Description: Project to upgrade McBaine Substation to allow connection of transmission line from Mill Creek Substation	Ward	Begin Design	Begin Construction
		2021	2021
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$2,500,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$2,500,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
Proposed project

Factors Effecting Timing/Completion of Project:
funding

Eligible Funding Sources: Enterprise Revenue, Future Ballot Master Plan:	FY	Eligible Funding Sources	Amount
	2021	Unfunded	\$2,500,000
			\$2,500,000



Mill Creek & McBaine Interconnection - E0195

Description:
 Third leg of the transmission interconnection project for Mill Creek Substation. This project will connect Mill Creek with McBaine Substation

Ward	Begin Design	Begin Construction
	2021	2021
Eligible for Percent for Arts?		No
Current Funding Request:		\$10,000,000
Total Appropriated:		\$0
Total City Project Cost:		\$10,000,000
Est. Project Balance: 09/30/2016		\$0

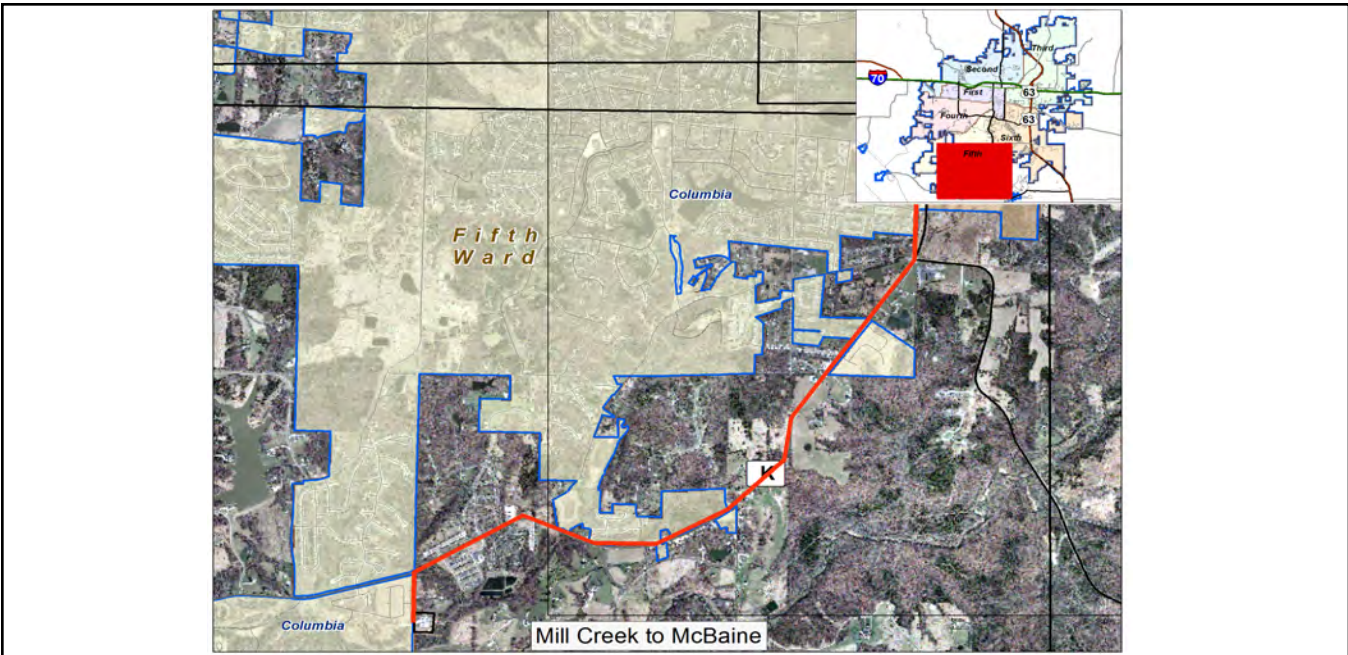
Current Status:
 Proposed project

Factors Effecting Timing/Completion of Project:
 funding

Eligible Funding Sources:
 Enterprise Revenue, Future Ballot

Master Plan:

FY	Eligible Funding Sources	Amount
2021	Unfunded	\$10,000,000
		\$10,000,000



Power Plant Substation Upgrades - E0151

Description:
 Project to address transmission and distribution requirements based on potential retirement of solid fuel units at Municipal Power Plant

Ward	Begin Design	Begin Construction
1	2016	2019
Eligible for Percent for Arts?		Yes
Current Funding Request:		\$0
Total Appropriated:		\$1,500,000
Total City Project Cost:		\$1,500,000
Est. Project Balance: 09/30/2016		\$1,500,000

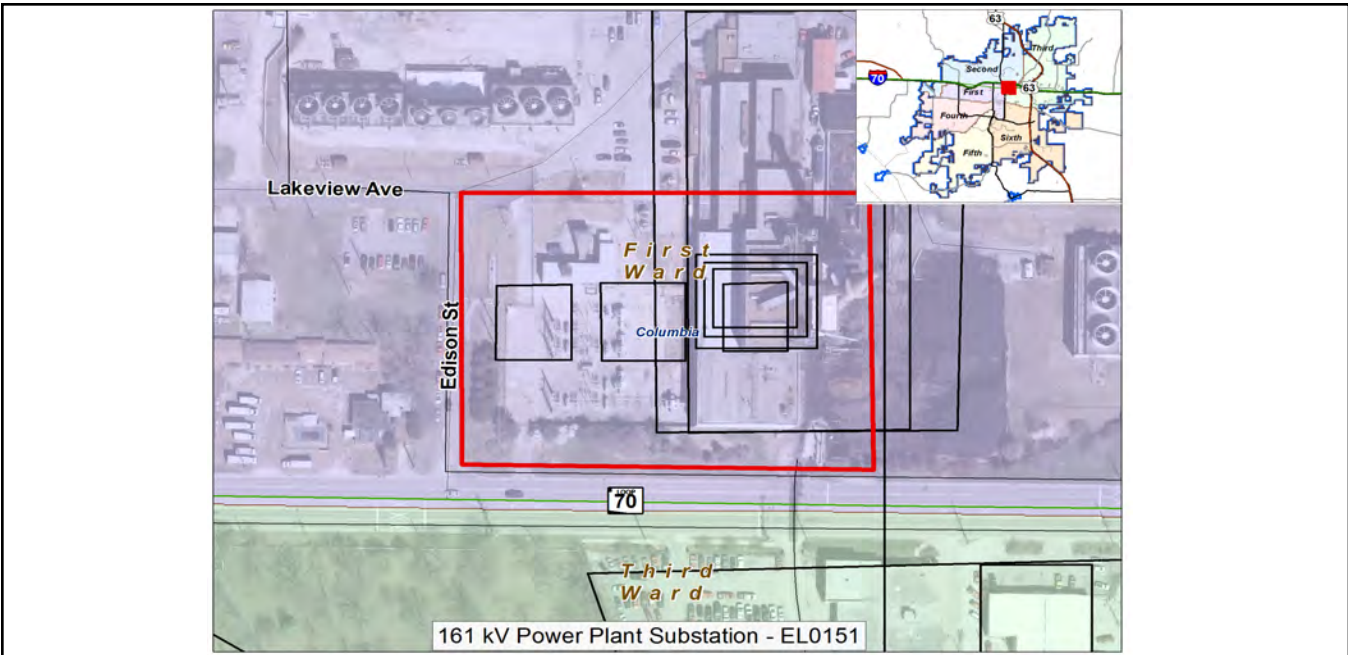
Current Status:
 Future decision regarding solid fuel units at Municipal Power Plant will determine design requirements.

Factors Effecting Timing/Completion of Project:
 Funding

Eligible Funding Sources:
 Enterprise Revenue, Future Bond Issue

Master Plan:

FY	Eligible Funding Sources	Amount



Warehouse & Enclosed Equipment Parking - E0176

Description:
 Project to construct a new storeroom building for water and electric, including enclosed storage for line trucks and other equipment. Cost would be split 20% water and 80% electric.

Ward	Begin Design	Begin Construction
3	2020	2020
Eligible for Percent for Arts?		No
Current Funding Request:		\$4,400,000
Total Appropriated:		\$400,000
Total City Project Cost:		\$4,800,000
Est. Project Balance: 09/30/2016		\$258,748

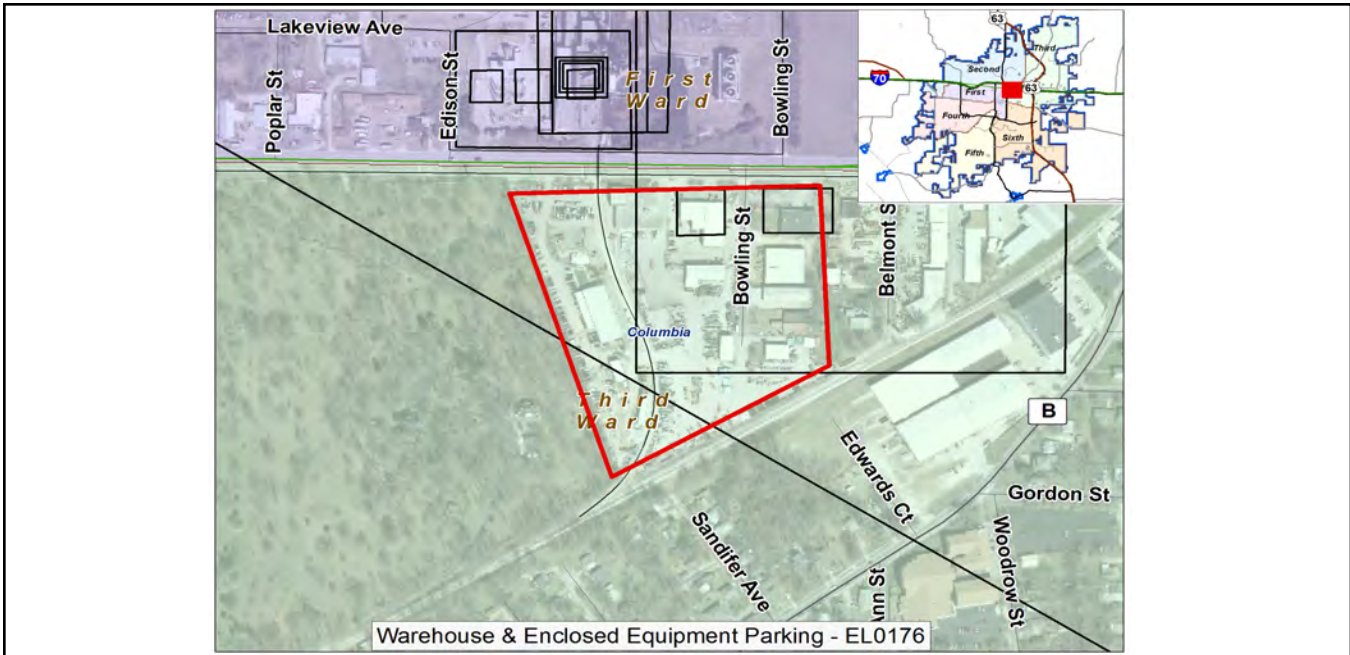
Current Status:
 9-7-16 Met, discussed and evaluated possible contractors to complete space needs analysis. Chose CDG Engineers to do the analysis.

Factors Effecting Timing/Completion of Project:
 funding

Eligible Funding Sources:
 Enterprise Revenue & Future Ballot

Master Plan:

FY	Eligible Funding Sources	Amount
2020	Unfunded	\$4,400,000
		\$4,400,000

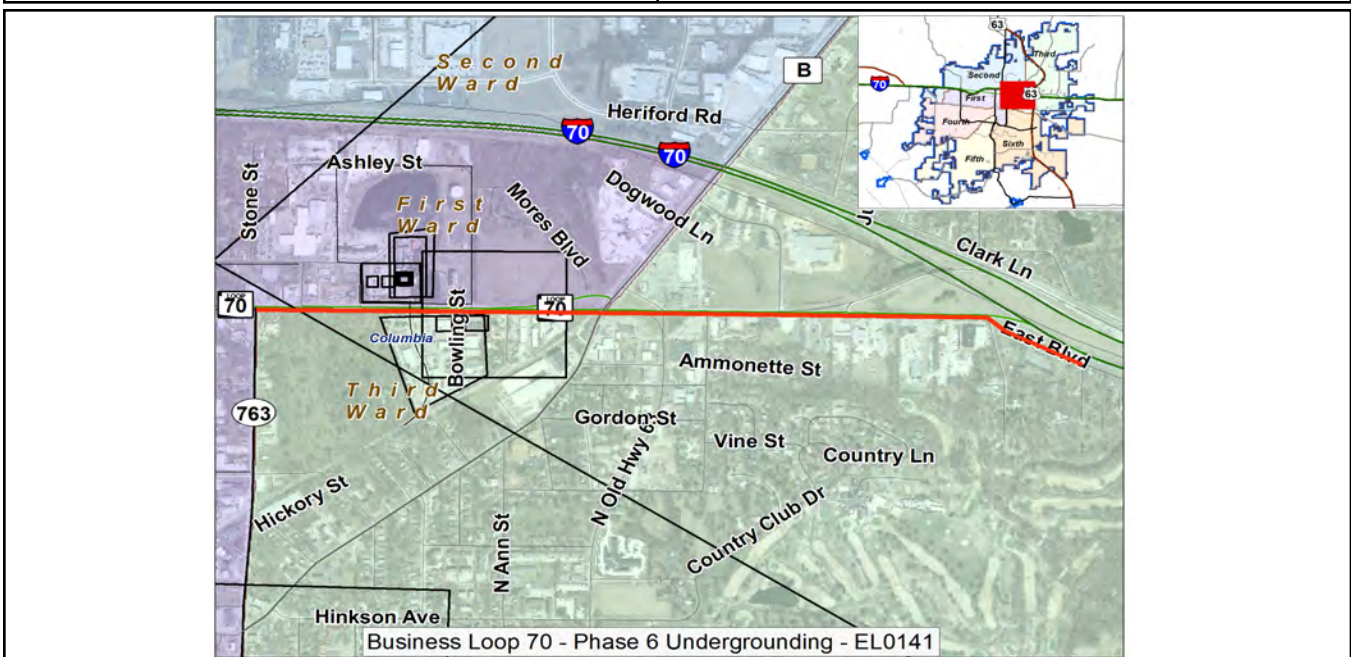


Business Loop 70 - Phase 6 Undergrounding - E0141 Description: Business Loop 70 project to convert overhead line to underground, between College Ave and Power Plant.	Ward	Begin Design	Begin Construction
	1 & 3	2021	2022
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$1,500,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$1,500,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
Proposed project

Factors Effecting Timing/Completion of Project:
Funding, easements, weather

Eligible Funding Sources: Enterprise revenue, Future Ballot Master Plan:	FY	Eligible Funding Sources	Amount
	2021	Unfunded	\$1,500,000
			\$1,500,000



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Water Capital Projects

Planning

The Capital Improvements Plan (CIP) Budget is updated annually. The CIP is a multi-year plan for capital expansion and replacement of aging facilities and infrastructure. As part of preparing the CIP, the water system is evaluated for adequacy and replacement requirements. The water utility engineering staff develops recommendations for the CIP after consultation with the water distribution and water production staff. These recommendations then go through a review process including the Director of Water & Light, the City Manager, the Columbia Water & Light Advisory Board (a citizen advisory board), and finally the Columbia City Council.

Various evaluation tools are utilized to make the recommendations outlined in the annual CIP. These include evaluation of fire flows and system pressure; evaluation of customer growth patterns; communication with inter-connected systems; and the evaluation of needs to upgrade smaller size lines and/or replace older lines due to a history of breaks.

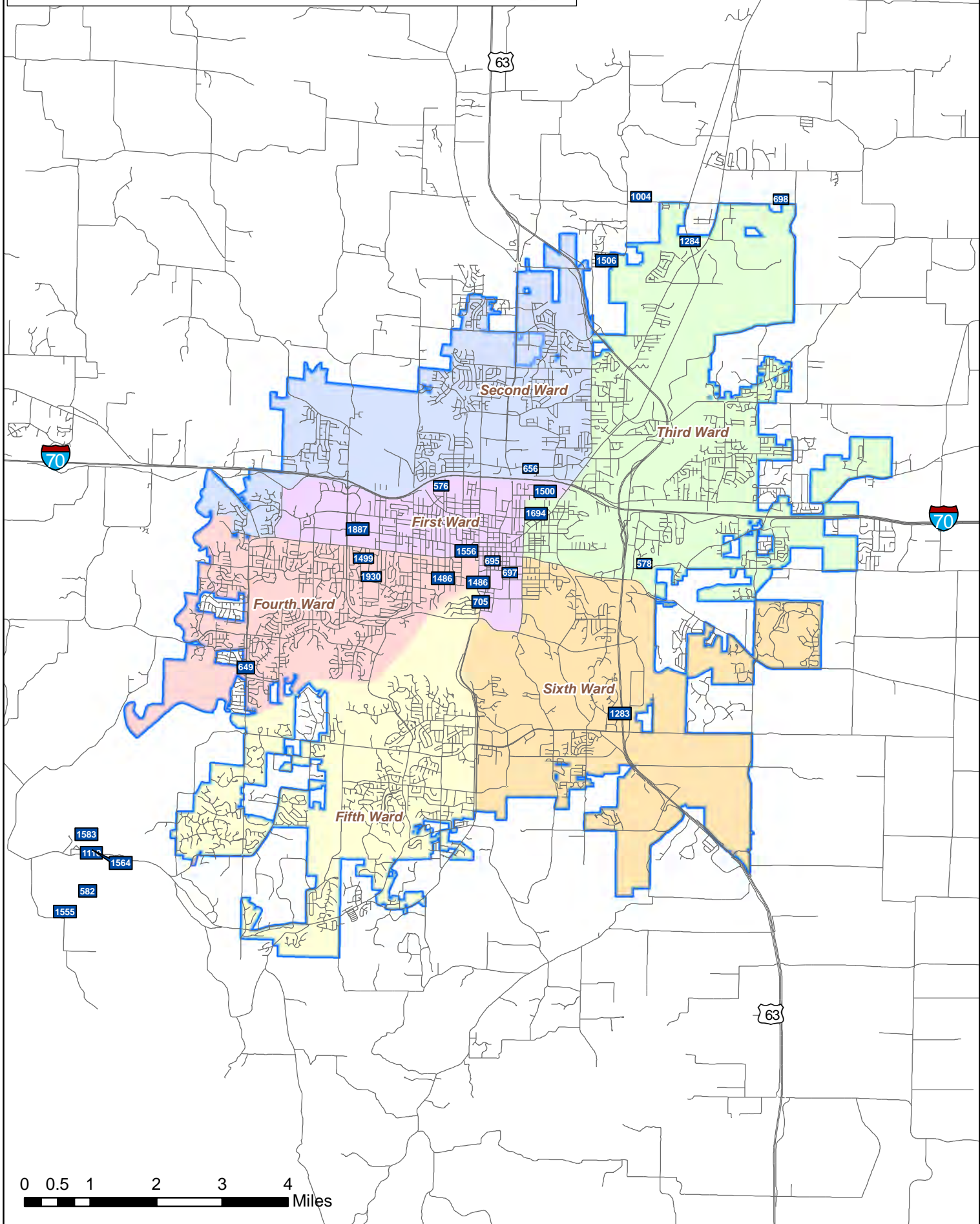
In addition, an active preventive maintenance program is in place to identify problem areas that may require inclusion in the CIP. This program includes:

- 1.) Formal monthly inspections of pump stations and storage facilities.
- 2.) Annual flushing and testing of distribution systems.
- 3.) Sampling and monitoring of supply wells.
- 4.) Cooperation and compliance with State operated agencies such as the Department of Natural Resources

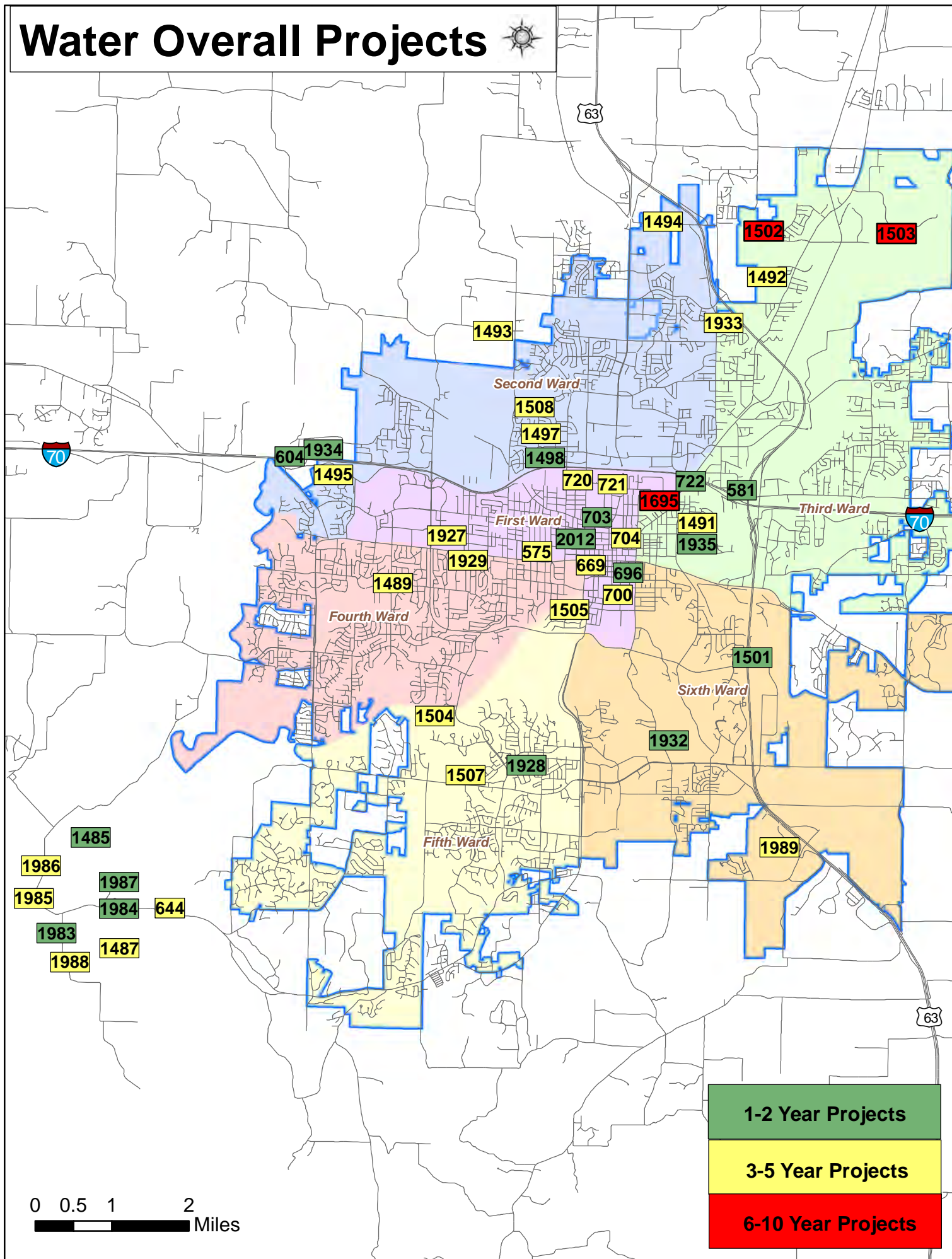
Funding

Funding for the water CIP program is a combination of revenue bonds and enterprise revenue. In general, an attempt is made to balance funding between these two sources, with more reliance on bond funding when undertaking projects lasting a long period of time. Staff has evaluated the capital plan to place a higher emphasis on main replacements and upgrades during the next several years. A ballot issue was approved by voters in 2009. Those revenue bonds will provide funding for numerous identified projects through FY14. Enterprise revenue and prior year appropriations will provide funding for CIP projects in FY15. Another water bond proposal is not planned until 2017.

Water Current Projects



Water Overall Projects



0 0.5 1 2 Miles

1-2 Year Projects
3-5 Year Projects
6-10 Year Projects

Water CIP Projects

Project Name	Status	Ward	Begin Construction	Total Appropriated	Funding Still Needed	Unfunded/Future Ballot Amount
Annual						
1 Annual Close Loops - W0123 [ID: 586]	On-going	Citywide		\$2,180,755	\$150,000	
2 Annual Contingency - W0009 [ID: 718]	On-going	Citywide		\$224,277	\$100,000	\$500,000
3 Annual Differential Payments - W0143 [ID: 642]	On-going	Entire System		\$500,000	\$200,000	
4 Annual Fire Hydrants & Valve Replacements - W0127 [ID: 587]	On-going	Citywide		\$2,115,000	\$250,000	
5 Annual Main Relctn for Streets & Highways - W0125 [ID: 589]	On-going	Citywide		\$3,272,978		\$1,900,000
6 Annual Meter Replacement Program - W0231 [ID: 1362]	On-going			\$4,389,220		\$7,500,000
7 Annual New Srvc Connections:Install/Rpl W0128 [ID: 592]	On-going	Citywide		\$9,998,915		
8 Annual Water Main Replacements - W0130 [ID: 590]	On-going	Citywide		\$2,108,185		\$850,000
9 Contingency - Enterprise Revenue - W0003 [ID: 1865]	On-going			\$63,151	\$100,000	
9 Projects				\$24,852,481	\$800,000	\$10,750,000

Project Name	Status	Ward	Begin Construction	Total Project Cost	Funding Still Needed	Unfunded/Future Ballot Amount
Current						
1 16"Main-BrownStationRd-Route B to Peabody-W0230 [ID: 1284]	Preliminary Design	3	2015	\$340,000		
2 Backup Generators for ASR's & Pump Stations W0150 [ID: 649]	Preliminary Design	System-Wide	2016	\$500,000		
3 Build New Lab at Power Plant - W0262 [ID: 1694]	Construction	1	2016	\$293,151		
4 Deep Well Abandonment - W0249 [ID: 1500]	Bid	1	2014	\$105,000		
5 Drill Alluvial Wells # 16 #17 and #18 - W0138 [ID: 582]	Construction	Citywide	2015	\$1,836,152		
6 DT: 6th St: Broadway to Elm Main Upgrade W0177 [ID: 697]	Final Design	1	2016	\$300,000		
7 DT: Locust: 6th to 8th Main Upgrade - W0175 [ID: 695]	Final Design	1	2016	\$147,500		
8 GL: Burnam/Rollins/Providence Intrsrctn MR W0184 [ID: 705]	Final Design	1 & 5	2016	\$443,200		
9 Gregory Heights District Replacement - W0255 [ID: 1506]	Final Design	Outside City Limits	2016	\$325,000		
10 I-70 - Close Loops - W0153 [ID: 656]	Bid	1 & 2	2015	\$598,000		
11 Install Climbers Cables For Towers - W0260 [ID: 1556]	Preliminary Design	4	2015	\$45,000		
12 Oakland Church Road - 12,000' of 16" Main - W0209 [ID: 1004]	Final Design	Outside city	2014	\$3,265,000		
13 Replumb Influent Connections at WTP W0211 [ID: 1110]	Preliminary Design	Outside city	2016	\$300,000		
14 Thilly & Westmount 6" Main - 2,800 FT - W0235 [ID: 1486]	Final Design	4 & 5	2016	\$546,000		
15 Well & Pump Station Control W0264 [ID: 1887]	Construction		2015	\$220,000		
16 Westridge Drive - W Broadway to Rollins - W0268 [ID: 1930]	Final Design		2016	\$490,000		
16 Projects				\$9,754,003	\$0	\$0

1-2 Years						
1 ASR #3 - Conversion of Existing Deep Well - W0140 [ID: 581]	Preliminary Design	Citywide	2018	\$600,000	\$600,000	
2 Bus Loop - Phase 6A - 3,200' Main Replace - W0200 [ID: 722]	Proposed	3	2018	\$1,160,265	\$520,000	
3 Central Neighborhoods Main Upgrades - W0281 [ID: 2012]	Preliminary Design	1	2017	\$420,000		
4 Country Club Drive S/E Walnut Phase 2 - W0273 [ID: 1935]	Proposed		2018	\$560,000	\$560,000	\$560,000
5 DT: Paquin Av: Hitt to College Main Upgrade W0176 [ID: 696]	Proposed	1	2018	\$196,000	\$196,000	\$196,000
6 Garth Main Replacement - 2,800 FT - W0247 [ID: 1498]	Proposed	2	2018	\$840,000	\$840,000	\$840,000
7 Gibbs Road/Dawn Drive - W0272 [ID: 1934]	Proposed		2018	\$1,424,000	\$712,000	\$712,000
8 Highway Crossings - W0119 [ID: 604]	Proposed	2 & 3	2018	\$850,000	\$200,000	
9 Lime Softening Residual Discharge Pipe - W0234 [ID: 1485]	Proposed	Outside City Limits	2018	\$2,200,000	\$2,000,000	
10 NC: Park Av: Providence-8th St Main Upg W0182 [ID: 703]	Proposed	1	2018	\$407,000	\$407,000	\$407,000
11 Riback Road/Blackberry Lane - W0270 [ID: 1932]	Proposed	6	2018	\$135,000	\$135,000	\$135,000
12 Sierra Madre - El Cortez to Dead End - W0266 [ID: 1928]	Proposed	5	2018	\$127,500	\$127,500	\$127,500
13 Stadium Crossing @ Audubon - W0250 [ID: 1501]	Proposed	6	2018	\$115,600	\$115,600	\$115,600
14 Well Field Valve Upgrades - W0274 [ID: 1983]	Proposed	Outside City Limits	2017	\$250,000		
15 WTP Reclaim Well Modifications - W0275 [ID: 1984]	Proposed	Outside City Limits	2017	\$200,000		
16 WTP Scada Upgrades - W0278 [ID: 1987]	Proposed	Outside City Limits	2017	\$500,000		
16 Projects				\$9,985,365	\$6,413,100	\$3,093,100

3-5 Years						
1 16" Main - Barberry to Worley - 4,300 FT - W0244 [ID: 1495]	Proposed	1 & 2	2021	\$1,400,000	\$1,400,000	\$1,400,000

Water CIP Projects

Project Name	Status	Ward	Begin Construction	Total Project Cost	Funding Still Needed	Unfunded/Future Ballot Amount
3-5 Years						
2 16" Main-Hwy63 - West Crossing to Stadium-W0229 [ID: 1283]	Preliminary Design	3	2020	\$680,000		
3 16" Transmission Main to Prathersville Tank-W0242 [ID: 1493]	Proposed	1 & 2	2020	\$9,500,000	\$9,500,000	\$9,100,000
4 2MG Elevated Storage - Prathersville - W0243 [ID: 1494]	Proposed	2	2021	\$7,700,000	\$7,700,000	\$7,300,000
5 Alluvial Wells #19 AND #20 - W0277 [ID: 1986]	Proposed		2020	\$2,000,000	\$2,000,000	\$2,000,000
6 Bingham Road - Phase II - W0254 [ID: 1505]	Proposed	5	2020	\$375,000	\$375,000	\$375,000
7 Booster Chlorination at ASR's - W0238 [ID: 1489]	Proposed	4	2019	\$660,000	\$660,000	\$660,000
8 Broadway Main Replacement Garth to W Blvd - W0141 [ID: 575]	Proposed	1 & 4	2021	\$230,000		
9 Brown Station Rd - Stark Av to Mojave Ct - W0241 [ID: 1492]	Proposed	3	2021	\$1,035,000	\$1,035,000	\$1,035,000
10 Bus Loop - Garth-Prov - 2,600' Main Replace -W0198 [ID: 720]	Proposed	1	2019	\$664,735	\$645,000	
11 Bus Loop - Phase 5 - 3,800' Main Replace - W0199 [ID: 721]	Proposed	1	2021	\$1,322,000	\$1,322,000	\$1,322,000
12 Clinkscales Road Replacement - W0265 [ID: 1927]	Proposed		2021	\$280,000	\$280,000	\$280,000
13 Crown Point - Loop to Spring Valley - W0267 [ID: 1929]	Preliminary Design		2020	\$420,000	\$420,000	
14 DT: 7th St: Broadway to Ash Main Rpl W0166 [ID: 669]	Proposed	1	2020	\$160,000	\$160,000	\$160,000
15 DT: Waugh St: Locust to Paquin Main Upgrade W0180 [ID: 700]	Proposed	1	2020	\$133,400	\$133,400	\$133,400
16 Loop Closure, Charles St - Business Loop - W0240 [ID: 1491]	Proposed	3	2019	\$480,000	\$480,000	\$480,000
17 Main Adjustment-Forum Blvd Improvements-W0253 [ID: 1504]	Proposed	4 & 5	2019	\$45,000	\$45,000	
18 Main Adjustment-Nifong Blvd Improvements-W0256 [ID: 1507]	Proposed	5	2019	\$250,000	\$250,000	
19 Morris Drive/Heying Drive - W0271 [ID: 1933]	Proposed		2019	\$187,500	\$187,500	\$187,500
20 NC: 5th St: Ash-Hickman Main Upgrade W0183 [ID: 704]	Proposed	1	2019	\$323,000	\$323,000	\$323,000
21 New Southeast Pump Station - W0280 [ID: 1989]	Proposed		2020	\$2,800,000	\$2,800,000	\$2,800,000
22 New Well Platforms - W0279 [ID: 1988]	Proposed		2021	\$1,600,000	\$1,600,000	\$1,600,000
23 Parkade Blvd Main Replacement -3,600 FT- W0246 [ID: 1497]	Proposed	2	2019	\$856,800	\$856,800	\$856,800
24 Proctor Dr - Bear Creak to Creasy Springs-W0257 [ID: 1508]	Proposed	2	2019	\$992,500	\$992,500	\$992,500
25 Replace Alluvial Wells #2 AND #7 - W0276 [ID: 1985]	Proposed		2019	\$1,200,000	\$1,200,000	\$1,200,000
26 Water Treatment Plant Upgrade - Phase 1 - W0236 [ID: 1487]	Proposed	Outside City Limits	2020	\$35,000,000	\$35,000,000	\$35,000,000
27 West Ash Upgrades W0145 [ID: 644]	Proposed	System-Wide	2019	\$3,300,000	\$3,300,000	\$3,300,000
27 Projects				\$73,594,935	\$72,665,200	\$70,505,200
6-10 Years						
1 Construct Warehouse & Enclosed Parking - W0263 [ID: 1695]	Preliminary Design	3	2022	\$1,000,000		
2 Waco Rd - Brown Station to Oakland - W0251 [ID: 1502]	Proposed	3	2022	\$1,292,000	\$1,292,000	\$1,292,000
3 Waco Rd - Route B to Rogers - W0252 [ID: 1503]	Proposed	3	2022	\$1,101,000	\$1,101,000	\$1,101,000
3 Projects				\$3,393,000	\$2,393,000	\$2,393,000
71 Total Projects				\$121,579,784	\$82,271,300	\$86,741,300

ASR #3 - Conversion of Existing Deep Well - W0140

Description:

Project to refurbish deep well as the third aquifer storage reservoir for more in-town storage.

Ward	Begin Design	Begin Construction
Citywide	2018	2018
Eligible for Percent for Arts?		No
Current Funding Request:		\$600,000
Total Appropriated:		\$0
Total City Project Cost:		\$600,000
Est. Project Balance: 09/30/2016		\$0

Current Status:

Planned for FY17

Factors Effecting Timing/Completion of Project:

Funding, bid process, DNR

Eligible Funding Sources:

Enterprise revenue, future bond issue

FY	Eligible Funding Sources	Amount
2018	Ent Rev	\$600,000
		\$600,000

Master Plan:



ASR #3 - Conversion of Existing Deep Well - WT0140

Bus Loop - Phase 6A - 3,200' Main Replace - W0200 Description: Project to replace 3,200' of main on Business Loop 70 - Phase 6A.(College to Old 63)	Ward	Begin Design	Begin Construction
	3	2017	2018
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$520,000
	Total Appropriated:		\$640,265
	Total City Project Cost:		\$1,160,265
	Est. Project Balance: 09/30/2016		\$640,265

Current Status:
 10-12-16 Project design to begin early FY17

Factors Effecting Timing/Completion of Project:
 Funding, easements, weather

Eligible Funding Sources: Enterprise revenue, new bond issue Master Plan:	FY	Eligible Funding Sources	Amount
	2018	Ent Rev	\$520,000
			\$520,000



Central Neighborhoods Main Upgrades - W0281

Description:
 Replace approx. 1020 ft. on Bryant ,
 830 ft. on Trinity Place and 360 ft. on Switzler St.

Ward	Begin Design	Begin Construction
1	2017	2017
Eligible for Percent for Arts?		No
Current Funding Request:		\$0
Total Appropriated:		\$420,000
Total City Project Cost:		\$420,000
Est. Project Balance: 09/30/2016		\$420,000

Current Status:
 10-7-16 Project under design

Factors Effecting Timing/Completion of Project:

Eligible Funding Sources:
 PYA

Master Plan:

FY	Eligible Funding Sources	Amount



Country Club Drive S/E Walnut Phase 2 - W0273 Description: Replace and close loop approx. 3200 ft. along Country Club Drive S southwardly to East Walnut.	Ward	Begin Design	Begin Construction
		2017	2018
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$560,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$560,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
 10-12-16: Design and easement acquisition to begin FY17

Factors Effecting Timing/Completion of Project:

Eligible Funding Sources:	FY	Eligible Funding Sources	Amount
	2018	Future Ballot	\$560,000
			\$560,000
Master Plan:			



DT: Paquin Av: Hitt to College Main Upgrade W0176

Description:
 Project to upgrade 1,000 feet of main on Paquin Ave from Hitt to College.

Ward	Begin Design	Begin Construction
1	2018	2018
Eligible for Percent for Arts?		No
Current Funding Request:		\$196,000
Total Appropriated:		\$0
Total City Project Cost:		\$196,000
Est. Project Balance: 09/30/2016		\$0

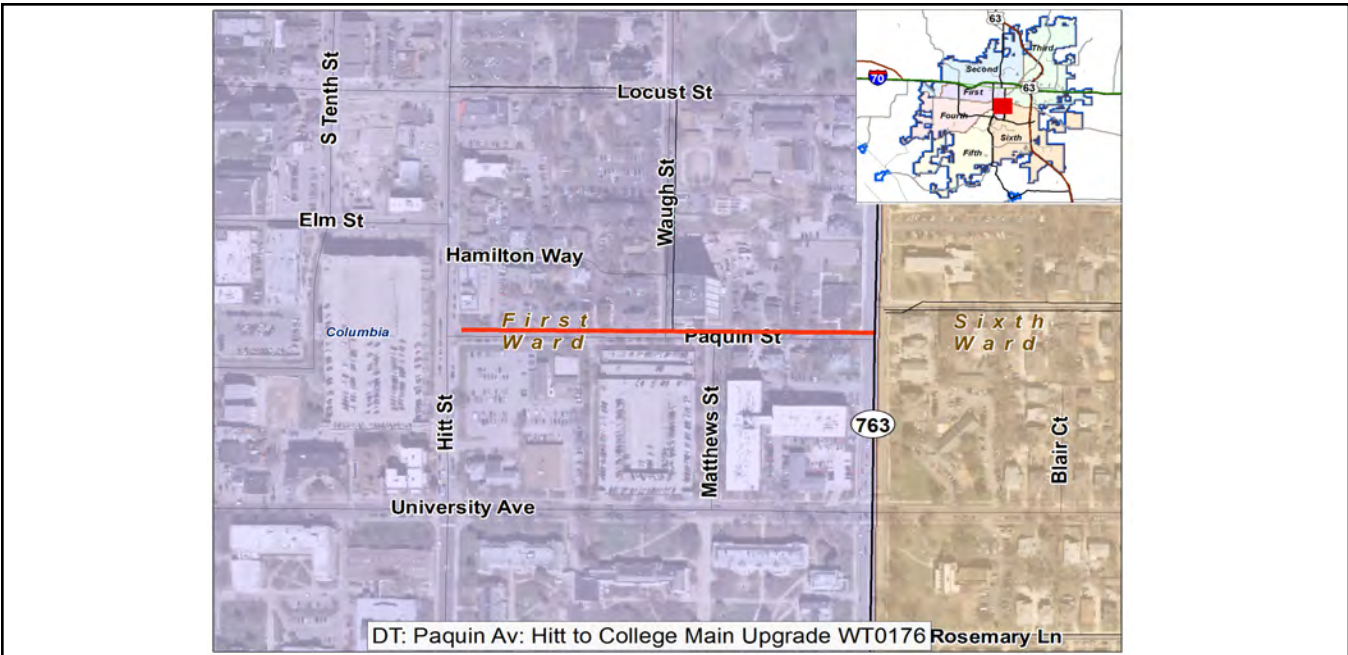
Current Status:
 Project timing reevaluated, proposed for FY18

Factors Effecting Timing/Completion of Project:
 Funding, weather

Eligible Funding Sources:
 future ballot

Master Plan:

FY	Eligible Funding Sources	Amount
2018	Future Ballot	\$196,000
		\$196,000



Garth Main Replacement - 2,800 FT - W0247

Description:
 Upgrade of 2800 ft of Garth Ave Water Main from 6" to 12" from Texas Ave to Thurman St.

Ward	Begin Design	Begin Construction
2	2017	2018
Eligible for Percent for Arts?		No
Current Funding Request:		\$840,000
Total Appropriated:		\$0
Total City Project Cost:		\$840,000
Est. Project Balance: 09/30/2016		\$0

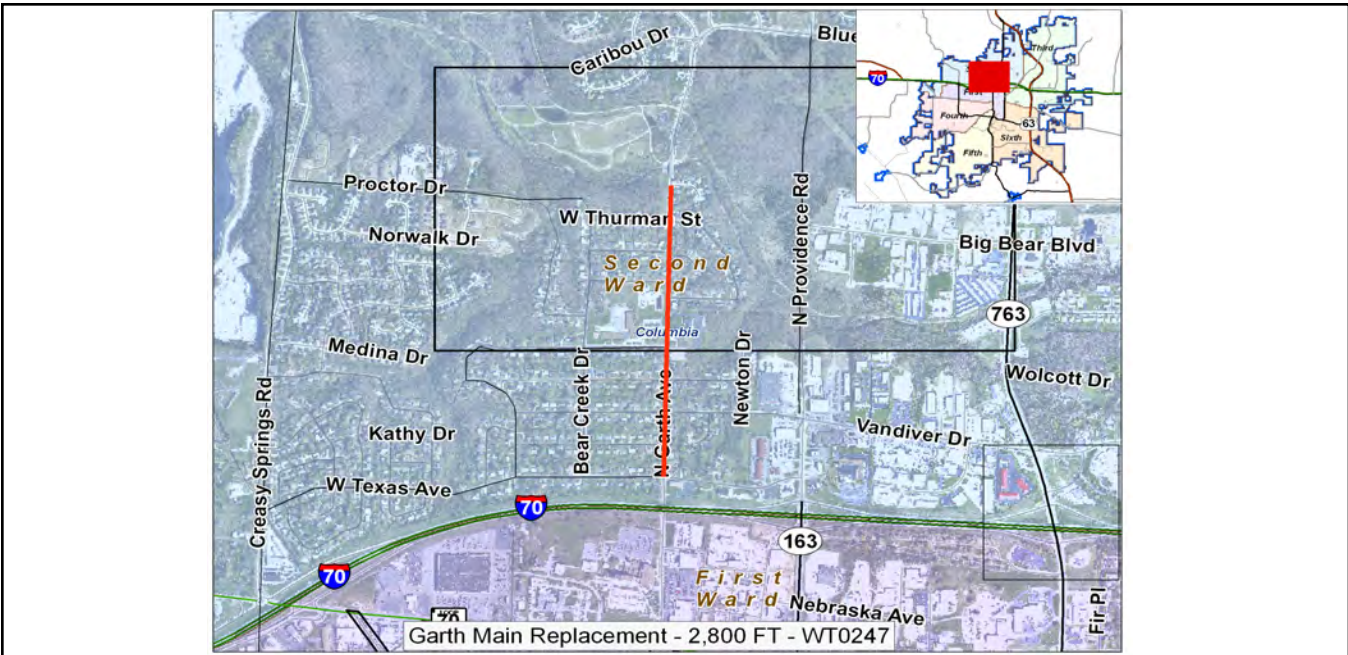
Current Status:
 Proposed

Factors Effecting Timing/Completion of Project:
 funding, weather

Eligible Funding Sources:
 future ballot, Enterprise revenue

Master Plan:

FY	Eligible Funding Sources	Amount
2018	Future Ballot	\$840,000
		\$840,000



Gibbs Road/Dawn Drive - W0272

Description:
 Replace / Upgrade approx. 7120 ft. of 2", 3", and 4" main along Gibbs Road/Dawn Drive.

Ward	Begin Design	Begin Construction
	2017	2018
Eligible for Percent for Arts?		No
Current Funding Request:		\$712,000
Total Appropriated:		\$712,000
Total City Project Cost:		\$1,424,000
Est. Project Balance: 09/30/2016		\$712,000

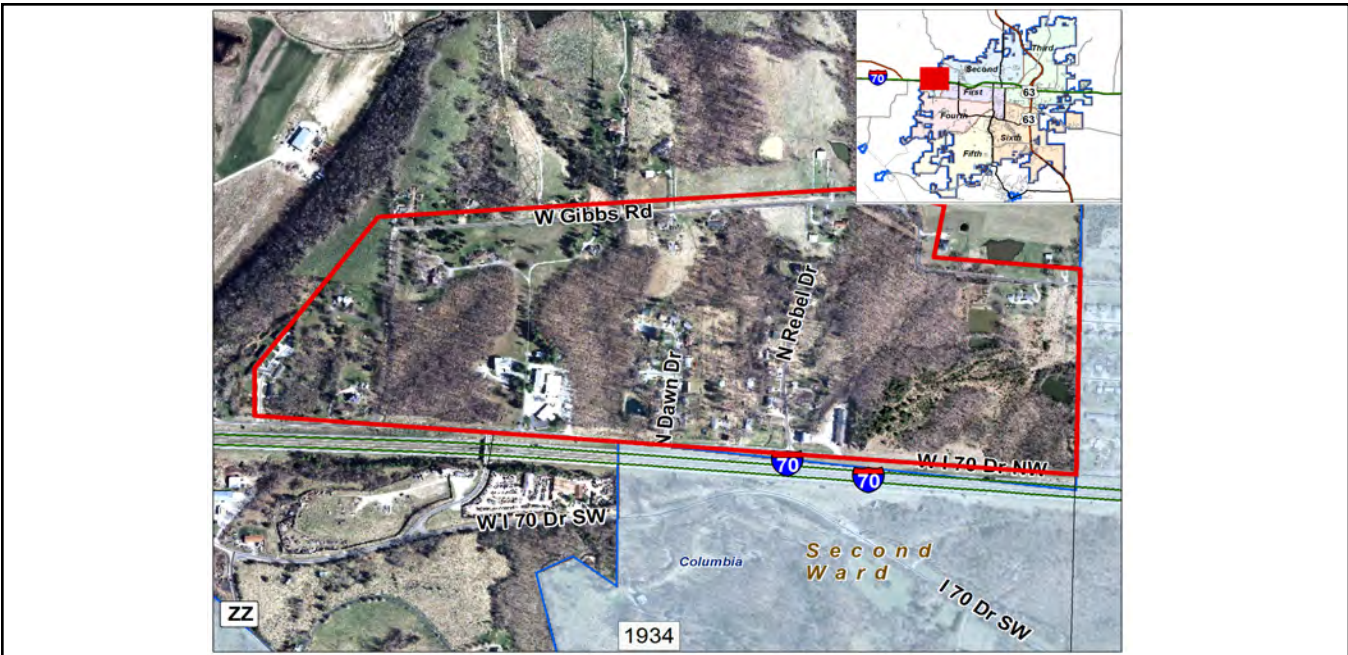
Current Status:
 10-12-16: Design and easement acquisition to begin FY17

Factors Effecting Timing/Completion of Project:

Eligible Funding Sources:
 Enterprise revenue and future ballot

Master Plan:

FY	Eligible Funding Sources	Amount
2018	Future Ballot	\$712,000
		\$712,000



Highway Crossings - W0119

Description:

Project to install or replace large distribution mains under major highways.

Ward	Begin Design	Begin Construction
2 & 3	2017	2018
Eligible for Percent for Arts?		No
Current Funding Request:		\$200,000
Total Appropriated:		\$650,000
Total City Project Cost:		\$850,000
Est. Project Balance: 09/30/2016		\$650,000

Current Status:

Planned for FY 2017. Possibility of completion with future proposed MoDot projects.

Factors Effecting Timing/Completion of Project:

MoDoT final plans and system requirements, funding

Eligible Funding Sources:

Enterprise revenue, future ballot

FY	Eligible Funding Sources	Amount
2018	Ent Rev	\$200,000
		\$200,000

Master Plan:



Lime Softening Residual Discharge Pipe - W0234

Description:
 10,000 feet of 6" main for lime softening residuals to discharge to the Missouri river.

Ward	Begin Design	Begin Construction
Outside City Limits	2016	2018
Eligible for Percent for Arts?		No
Current Funding Request:		\$2,000,000
Total Appropriated:		\$200,000
Total City Project Cost:		\$2,200,000
Est. Project Balance: 09/30/2016		\$3,115

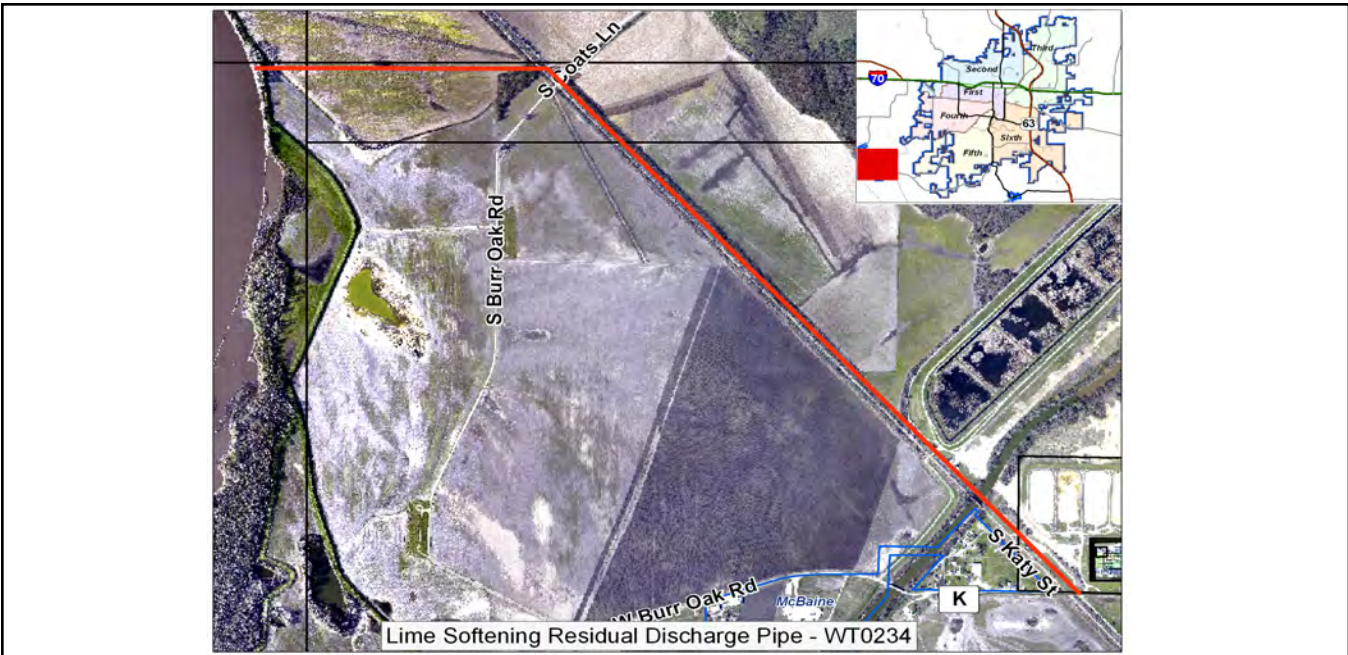
Current Status:
 Project pending results of an ongoing feasibility study and DNR consideration.

Factors Effecting Timing/Completion of Project:
 funding

Eligible Funding Sources:
 Enterprise Revenue

Master Plan:

FY	Eligible Funding Sources	Amount
2018	Ent Rev	\$1,000,000
2019	Ent Rev	\$1,000,000
		<u>\$2,000,000</u>



NC: Park Av: Providence-8th St Main Upg W0182

Description:
 Project to upgrade 1,700 feet of main on Park Ave from Providence to 8th.

Ward	Begin Design	Begin Construction
1	2018	2018
Eligible for Percent for Arts?		No
Current Funding Request:		\$407,000
Total Appropriated:		\$0
Total City Project Cost:		\$407,000
Est. Project Balance: 09/30/2016		\$0

Current Status:
 Project timing reevaluated, proposed for FY18

Factors Effecting Timing/Completion of Project:
 Funding, weather

Eligible Funding Sources:
 Enterprise revenue, future ballot

Master Plan:

FY	Eligible Funding Sources	Amount
2018	Future Bond	\$407,000
		\$407,000



Riback Road/Blackberry Lane - W0270

Description:
 Upgrade approx. 1050 ft. of 1 1/2" main along Riback Road/Blackberry Lane

Ward	Begin Design	Begin Construction
6	2017	2018
Eligible for Percent for Arts?		No
Current Funding Request:		\$135,000
Total Appropriated:		\$0
Total City Project Cost:		\$135,000
Est. Project Balance: 09/30/2016		\$0

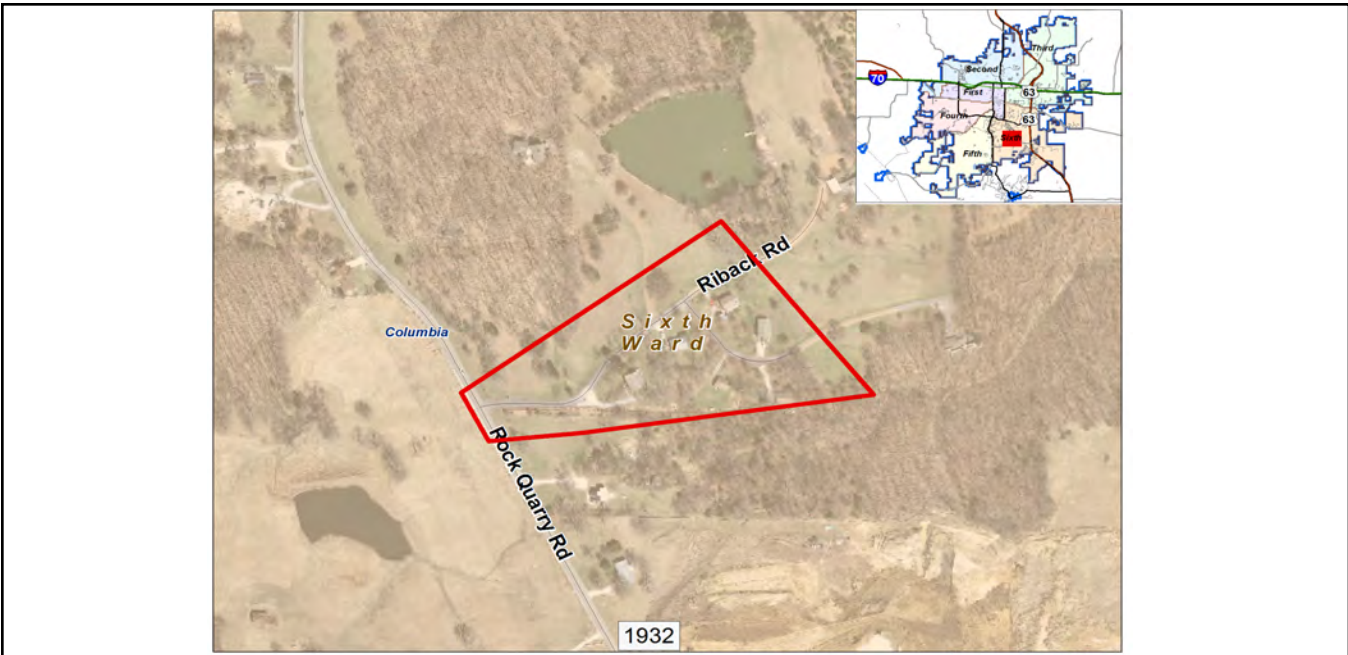
Current Status:
 10-12-16: Design to begin FY17

Factors Effecting Timing/Completion of Project:

Eligible Funding Sources:
 Future ballot

Master Plan:

FY	Eligible Funding Sources	Amount
2018	Future Ballot	\$135,000
		\$135,000



Sierra Madre - El Cortez to Dead End - W0266

Description:
Sierra Madre - Replace approx. 870 ft. of 6" main from El Cortez to Dead End

Ward	Begin Design	Begin Construction
5	2018	2018
Eligible for Percent for Arts?		No
Current Funding Request:		\$127,500
Total Appropriated:		\$0
Total City Project Cost:		\$127,500
Est. Project Balance: 09/30/2016		\$0

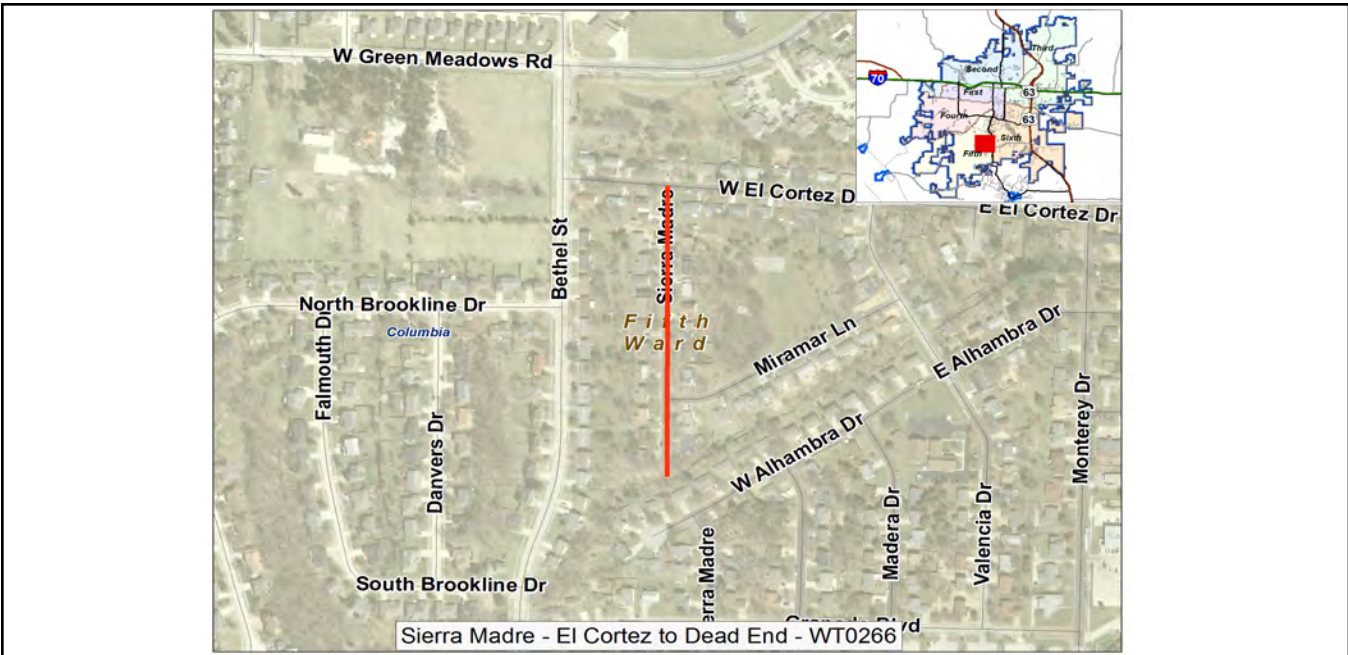
Current Status:
10-12-16: Proposed - Waiting on funding

Factors Effecting Timing/Completion of Project:

Eligible Funding Sources:
Future ballot

Master Plan:

FY	Eligible Funding Sources	Amount
2018	Future Ballot	\$127,500
		\$127,500



Stadium Crossing @ Audubon - W0250

Description:
 Install 8" Crossing at Audubon and East Point Dr. under Stadium Blvd. in conjunction with planned intersection improvements

Ward	Begin Design	Begin Construction
6	2018	2018
Eligible for Percent for Arts?		No
Current Funding Request:		\$115,600
Total Appropriated:		\$0
Total City Project Cost:		\$115,600
Est. Project Balance: 09/30/2016		\$0

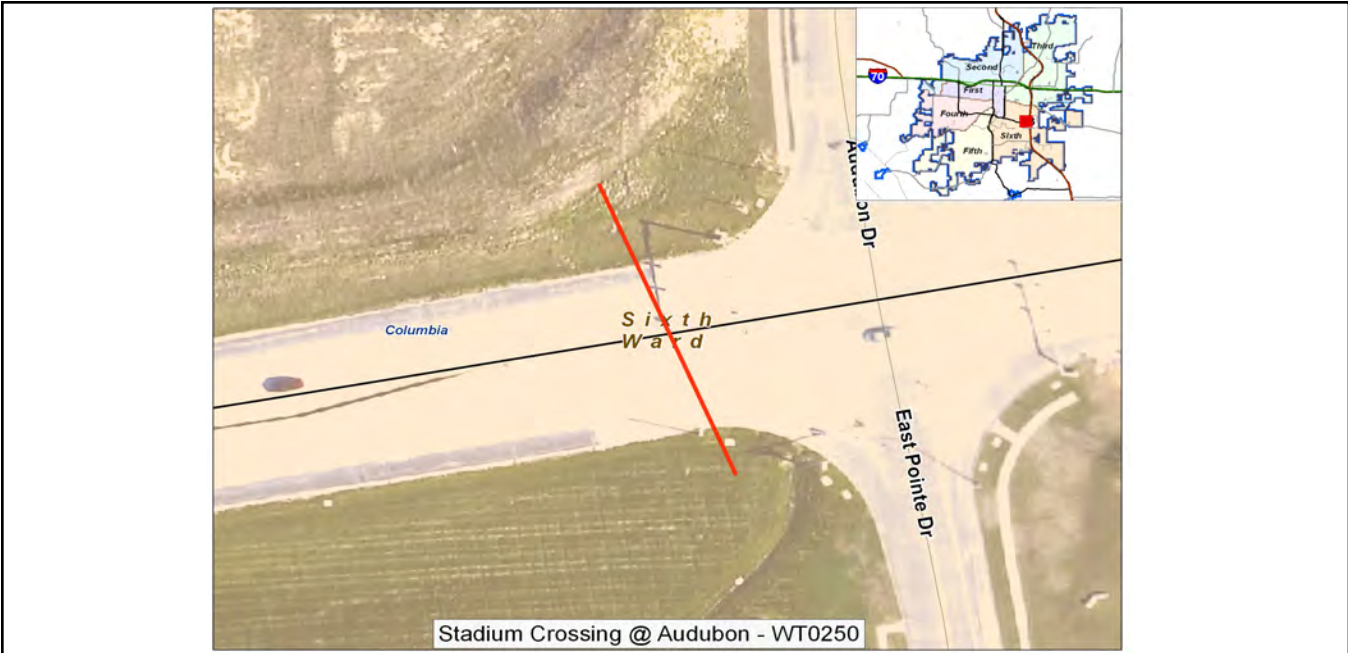
Current Status:
 Proposed

Factors Effecting Timing/Completion of Project:
 funding

Eligible Funding Sources:
 Future Ballot

Master Plan:

FY	Eligible Funding Sources	Amount
2018	Future Ballot	\$115,600
		<u>\$115,600</u>



Well Field Valve Upgrades - W0274

Description:
 Installation of additional main line valves in the McBaine Well Field and modifications to existing valve pits.

Ward	Begin Design	Begin Construction
Outside City Limits	2017	2017
Eligible for Percent for Arts?		No
Current Funding Request:		\$0
Total Appropriated:		\$250,000
Total City Project Cost:		\$250,000
Est. Project Balance: 09/30/2016		\$250,000

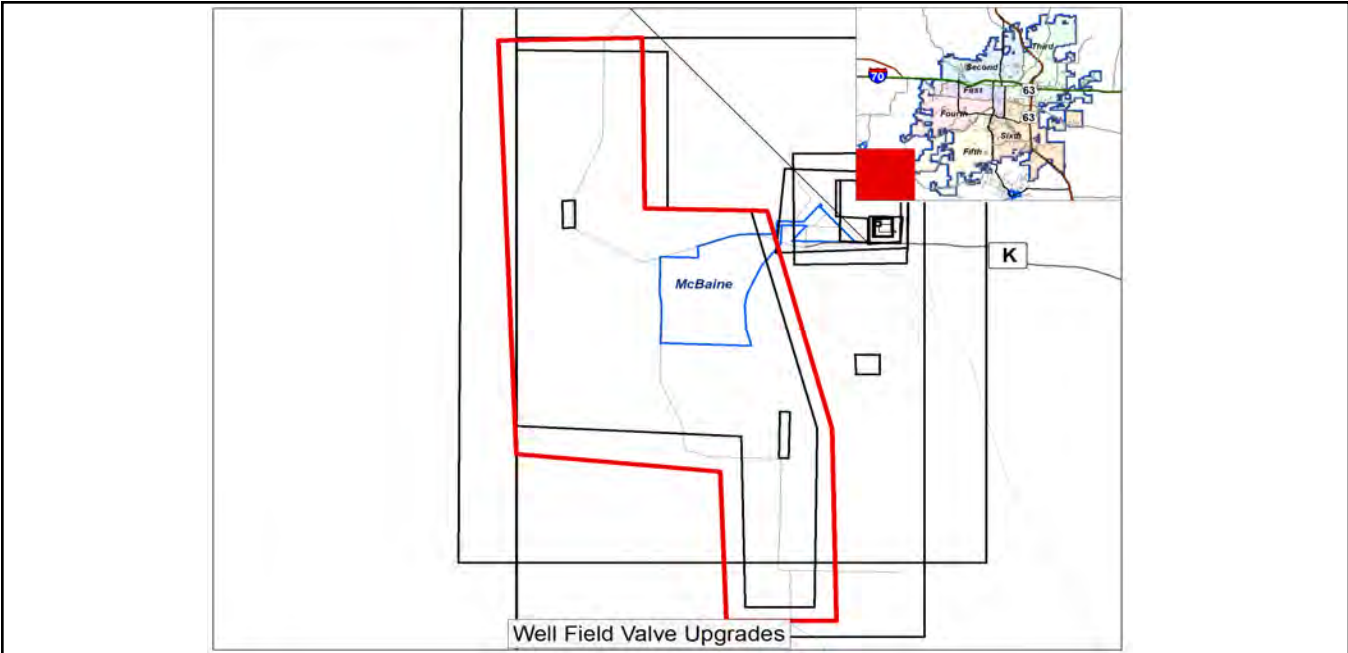
Current Status:
 10/5/2016 Project is currently funded.

Factors Effecting Timing/Completion of Project:

Eligible Funding Sources:

Master Plan:

FY	Eligible Funding Sources	Amount
2017	Ent Rev	\$250,000
		\$250,000



WTP Reclaim Well Modifications - W0275

Description:
 Pump upgrades and modifications to the reclaim well at the McBaine Water Treatment Plant.

Ward	Begin Design	Begin Construction
Outside City Limits	2017	2017
Eligible for Percent for Arts?		No
Current Funding Request:		\$0
Total Appropriated:		\$200,000
Total City Project Cost:		\$200,000
Est. Project Balance: 09/30/2016		\$200,000

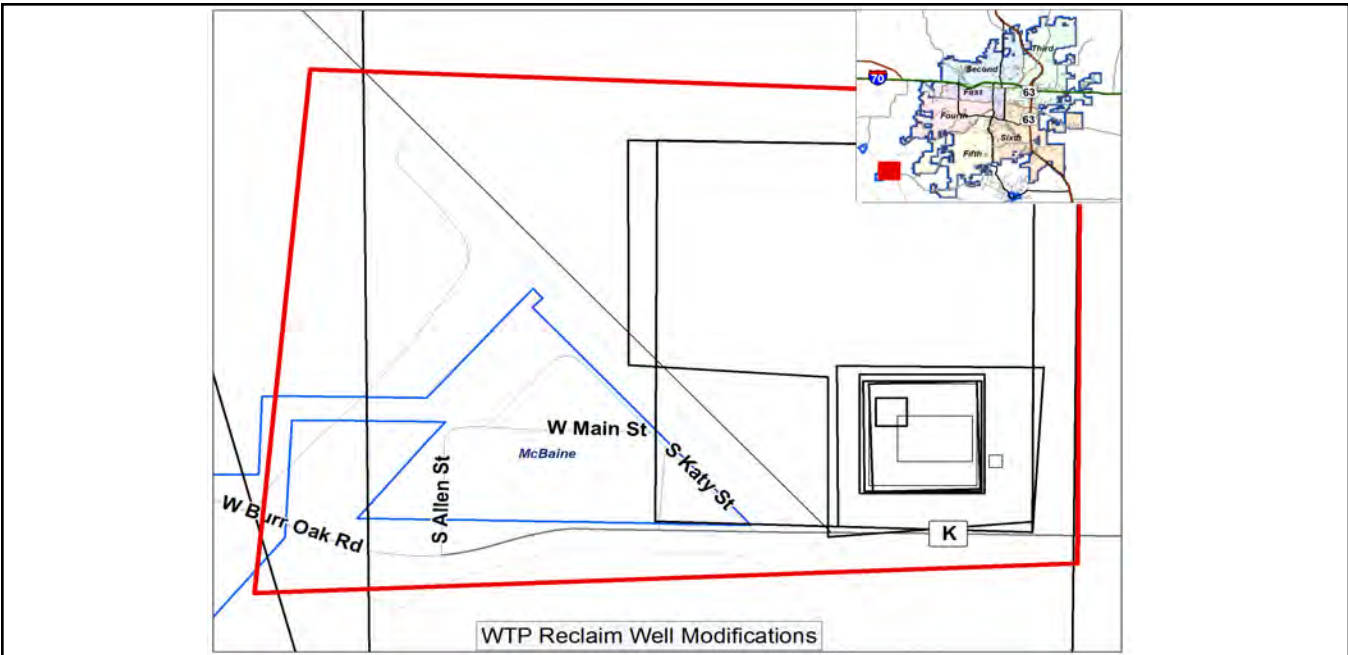
Current Status:
 10/5/2016 Staff is evaluating options and various styles of pumps.

Factors Effecting Timing/Completion of Project:

Eligible Funding Sources:

Master Plan:

FY	Eligible Funding Sources	Amount
2017	Ent Rev	\$200,000
		\$200,000



WTP Scada Upgrades - W0278

Description:
 Upgrade of Water SCADA system. The Water SCADA system is used to control water production from well control, water treatment plant flow and chemical feeds and pump stations moving water into the distribution system.

Ward	Begin Design	Begin Construction
Outside City Limits	2017	2017
Eligible for Percent for Arts?		No
Current Funding Request:		\$0
Total Appropriated:		\$500,000
Total City Project Cost:		\$500,000
Est. Project Balance: 09/30/2016		\$500,000

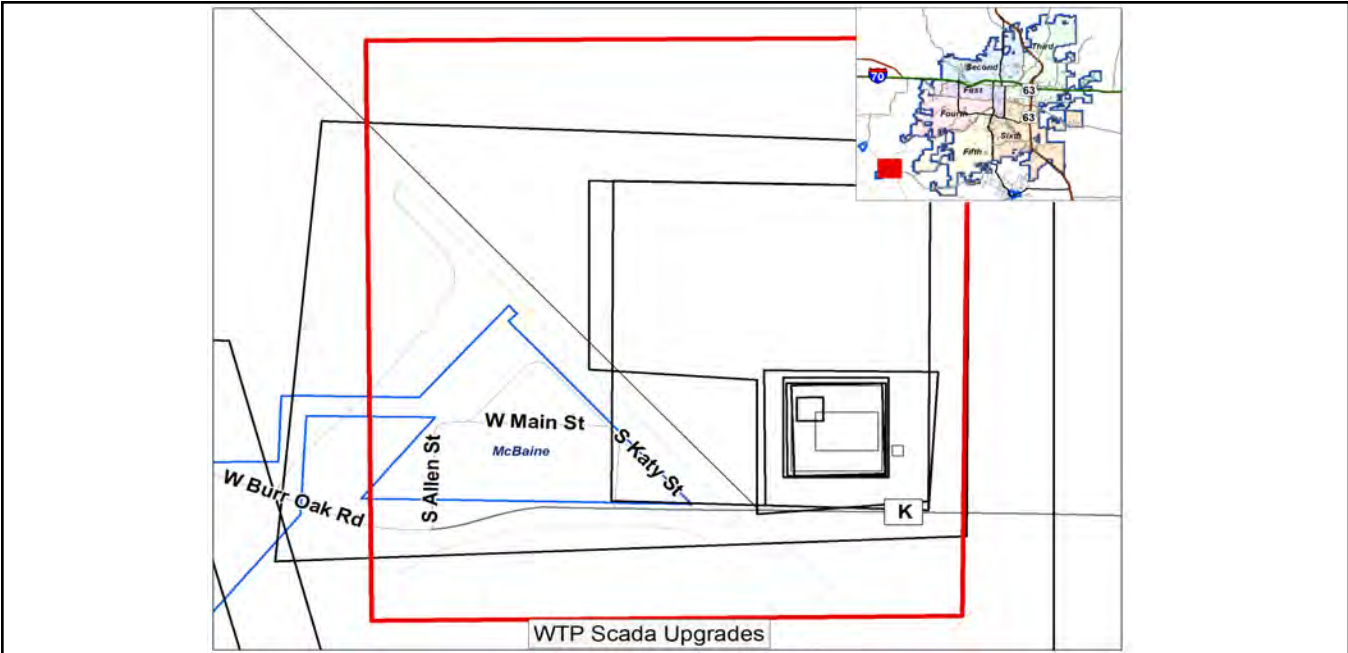
Current Status:
 10/5/2016 - Based on some reviews of OSI, Wonderware and other software, the city will be putting together an RFP for new SCADA purchase.

Factors Effecting Timing/Completion of Project:

Eligible Funding Sources:

Master Plan:

FY	Eligible Funding Sources	Amount
2017	Ent Rev	\$500,000
		\$500,000



16" Main - Barberrry to Worley - 4,300 FT - W0244

Description:
 16" Water Main from Barberrry to Worley, crossing I-70 then along Silvey St. forming a loop closure.

Ward	Begin Design	Begin Construction
1 & 2	2021	2021
Eligible for Percent for Arts?		No
Current Funding Request:		\$1,400,000
Total Appropriated:		\$0
Total City Project Cost:		\$1,400,000
Est. Project Balance: 09/30/2016		\$0

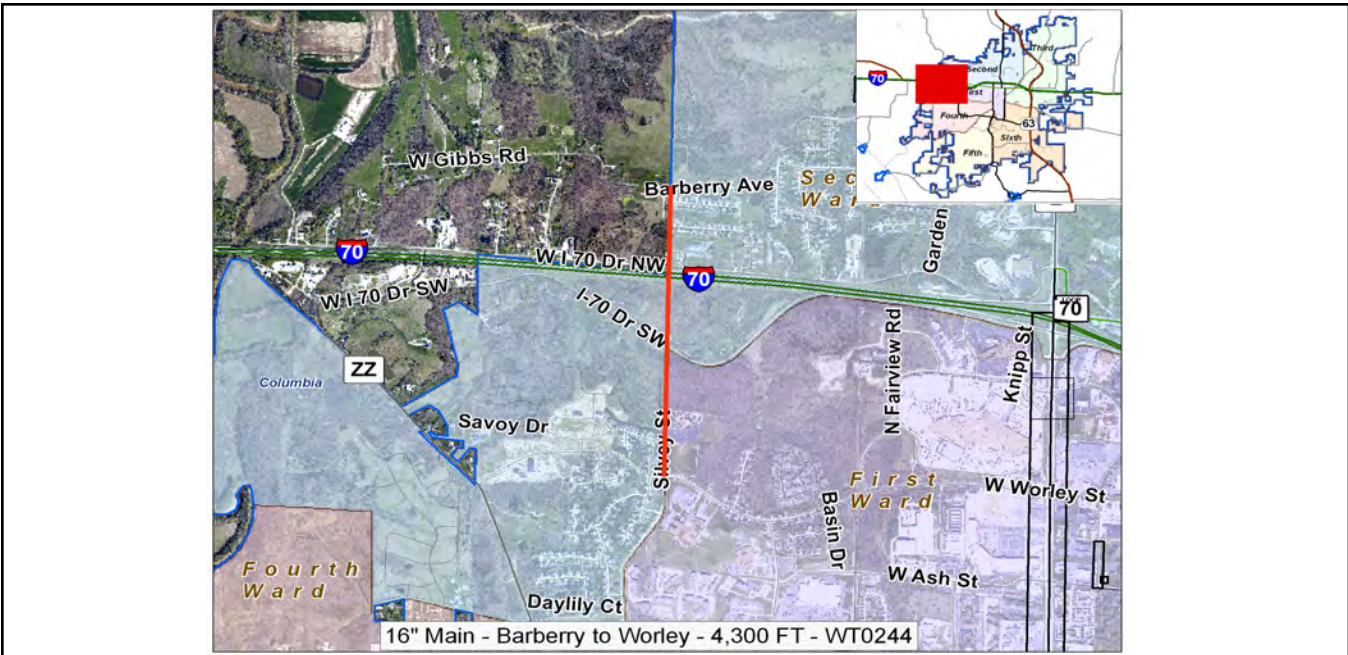
Current Status:
 Proposed

Factors Effecting Timing/Completion of Project:
 funding

Eligible Funding Sources:
 Future Ballot

Master Plan:

FY	Eligible Funding Sources	Amount
2021	Future Ballot	\$1,400,000
		\$1,400,000



16" Main-Hwy63 - West Crossing to Stadium-W0229

Description:
 Replacement of 16" ductile iron main along Highway 63 from Stadium Boulevard to highway crossing at Shepard Tower.

Ward	Begin Design	Begin Construction
3	2019	2020
Eligible for Percent for Arts?		No
Current Funding Request:		\$0
Total Appropriated:		\$680,000
Total City Project Cost:		\$680,000
Est. Project Balance: 09/30/2016		\$680,000

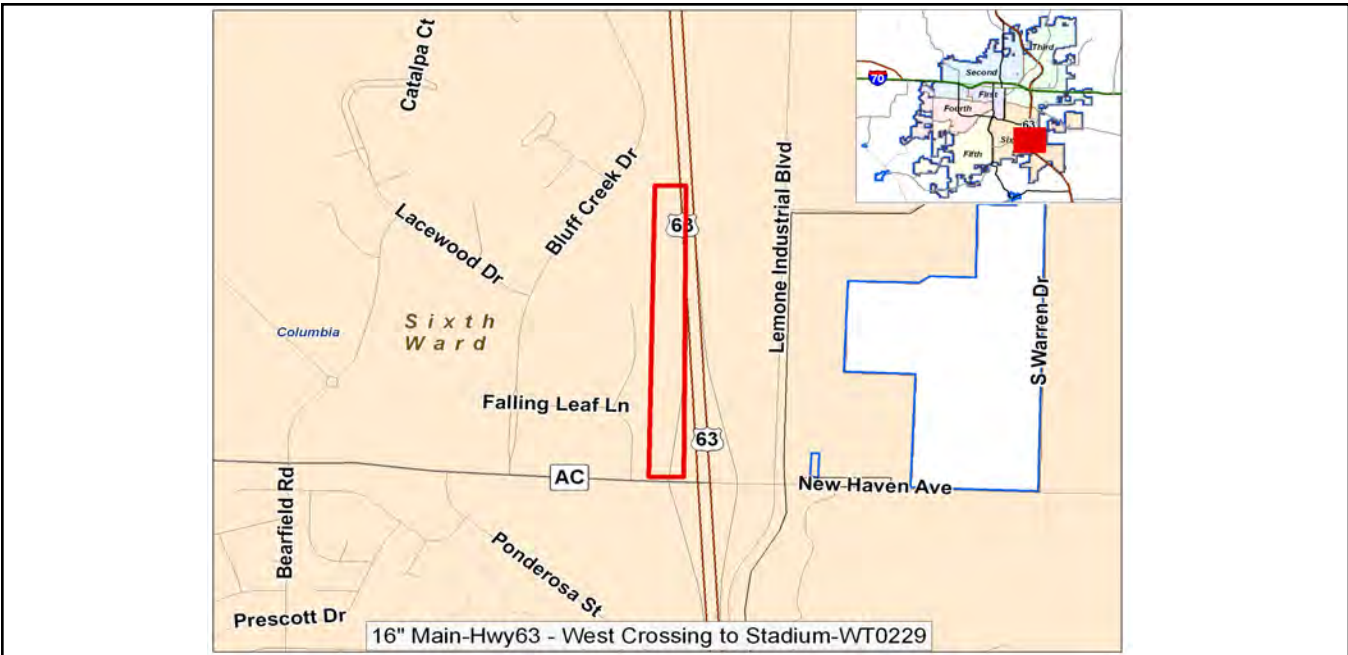
Current Status:
 8-3-2016 Project placed on indefinite hold due to prioritization of projects and funding.

Factors Effecting Timing/Completion of Project:

Eligible Funding Sources:
 Enterprise Revenue, Bond Funds

Master Plan:

FY	Eligible Funding Sources	Amount



16" Transmission Main to Prathersville Tank-W0242

Description:
 West Ash Pump Station North to Prathersville Tank, Transmission Main identified and recommended in 2008 Jacobs Eng Long Range Study.

Ward	Begin Design	Begin Construction
1 & 2	2017	2020
Eligible for Percent for Arts?		No
Current Funding Request:		\$9,500,000
Total Appropriated:		\$0
Total City Project Cost:		\$9,500,000
Est. Project Balance: 09/30/2016		\$0

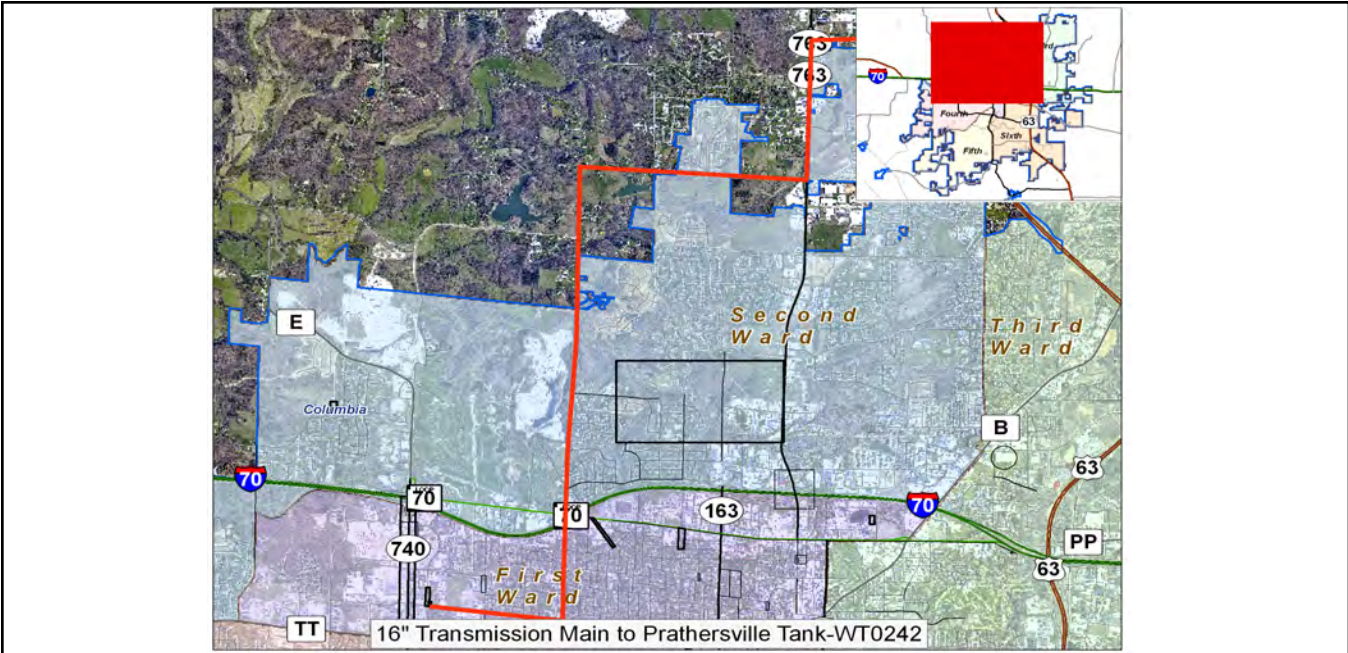
Current Status:
 Proposed

Factors Effecting Timing/Completion of Project:
 funding

Eligible Funding Sources:
 Enterprise Revenue and Future Ballot

Master Plan:

FY	Eligible Funding Sources	Amount
2020	Ent Rev	\$400,000
2019	Future Ballot	\$5,000,000
2020	Future Ballot	\$4,100,000
		<hr/>
		\$9,500,000



2MG Elevated Storage - Prathersville - W0243

Description:
 New Elevated Storage Tank identified in Jacobs Eng 2015 Long Range Study.

Ward	Begin Design	Begin Construction
2	2020	2021
Eligible for Percent for Arts?		No
Current Funding Request:		\$7,700,000
Total Appropriated:		\$0
Total City Project Cost:		\$7,700,000
Est. Project Balance: 09/30/2016		\$0

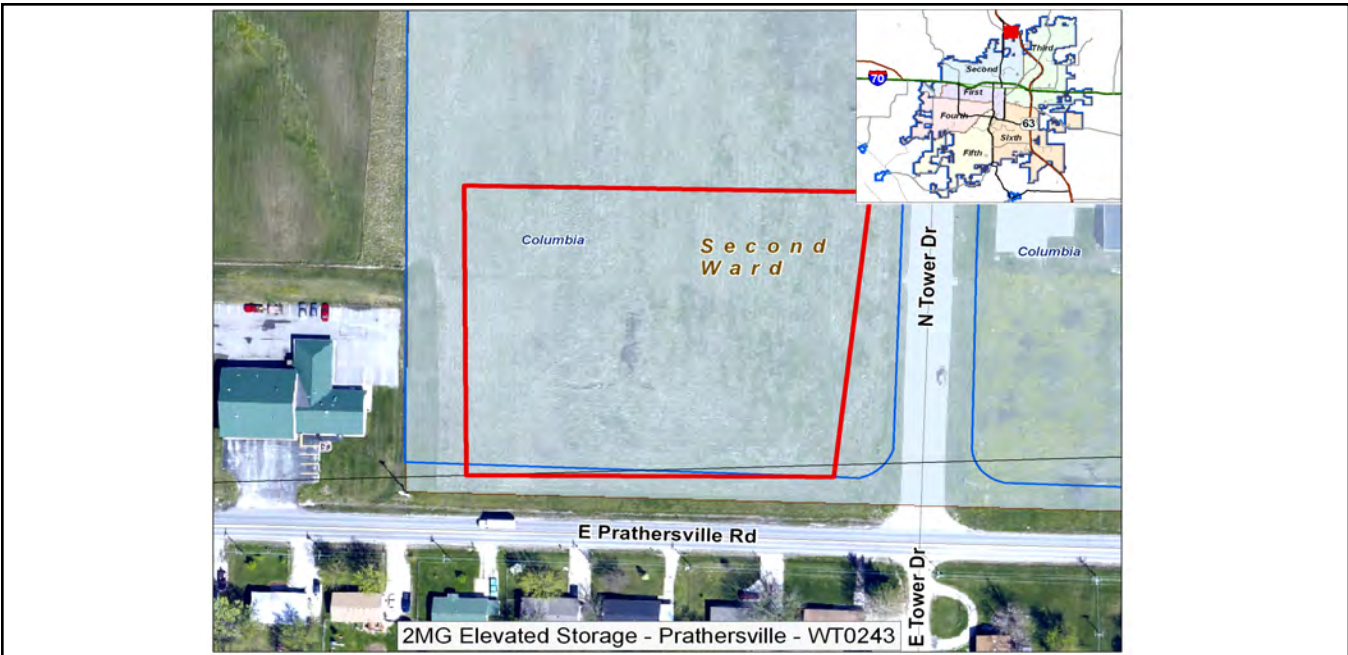
Current Status:
 Proposed

Factors Effecting Timing/Completion of Project:
 funding

Eligible Funding Sources:
 Future Ballot, Enterprise Revenue

Master Plan:

FY	Eligible Funding Sources	Amount
2021	Ent Rev	\$400,000
2020	Future Ballot	\$2,000,000
2021	Future Ballot	\$5,300,000
		<u>\$7,700,000</u>



Alluvial Wells #19 AND #20 - W0277

Description:
Construction of new Alluvial Wells No. 19 and 20 in the McBaine Well Field.

Ward	Begin Design	Begin Construction
	2020	2020
Eligible for Percent for Arts?		No
Current Funding Request:		\$2,000,000
Total Appropriated:		\$0
Total City Project Cost:		\$2,000,000
Est. Project Balance: 09/30/2016		\$0

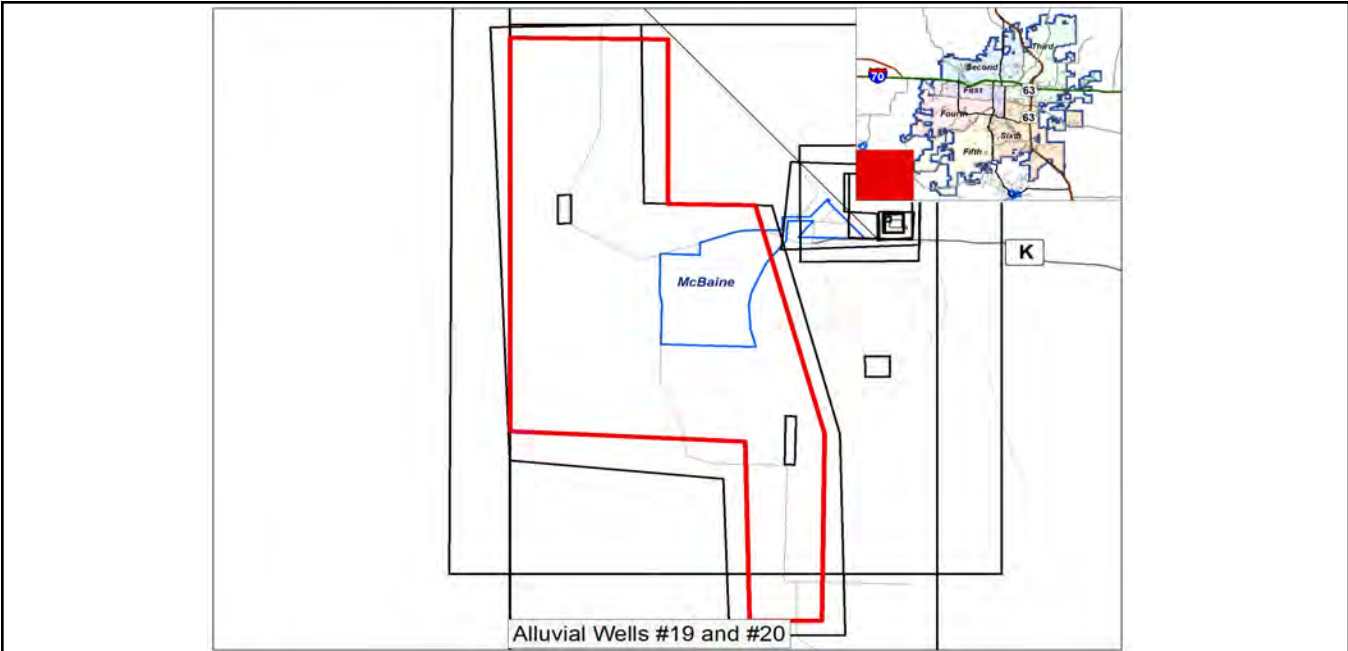
Current Status:
10-12-16 Proposed for FY20. Will re-evaluate need at that time

Factors Effecting Timing/Completion of Project:

Eligible Funding Sources:

Master Plan:

FY	Eligible Funding Sources	Amount
2020	Future Ballot	\$2,000,000
		\$2,000,000



Bingham Road - Phase II - W0254

Description:
 Upgrade 1600 ft of Bingham Rd, 6" Water Main from Brandon Rd. to Wayne Rd.

Ward	Begin Design	Begin Construction
5	2020	2020
Eligible for Percent for Arts?		No
Current Funding Request:		\$375,000
Total Appropriated:		\$0
Total City Project Cost:		\$375,000
Est. Project Balance: 09/30/2016		\$0

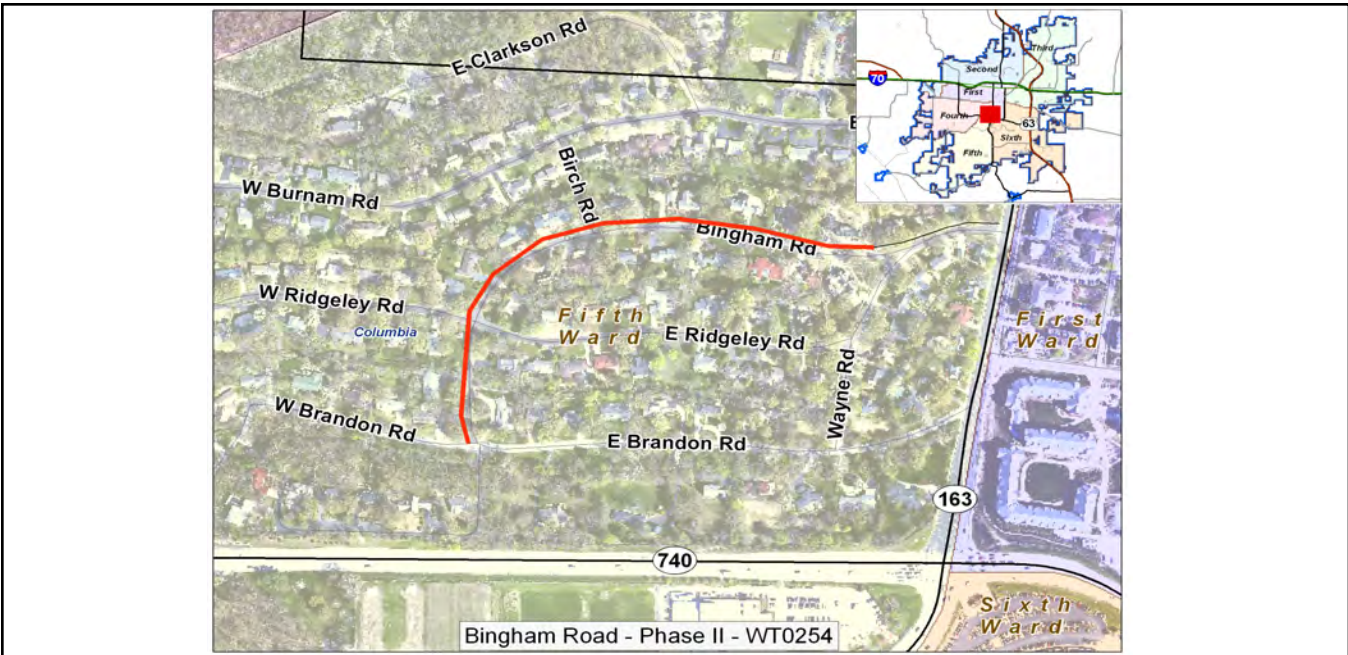
Current Status:
 Proposed

Factors Effecting Timing/Completion of Project:
 funding

Eligible Funding Sources:
 Future Ballot

Master Plan:

FY	Eligible Funding Sources	Amount
2020	Future Ballot	\$375,000
		\$375,000



Booster Chlorination at ASR's - W0238

Description:
 Additional onsite Chlorination facilities at Deep Wells 8 and 10, allowing for full utilization of Aquifer Storage Recovery Well's available water output.

Ward	Begin Design	Begin Construction
4	2018	2019
Eligible for Percent for Arts?		No
Current Funding Request:		\$660,000
Total Appropriated:		\$0
Total City Project Cost:		\$660,000
Est. Project Balance: 09/30/2016		\$0

Current Status:
 Future project to add chlorination at Aquifer Storage & Recovery wells. Planned for FY18.

Factors Effecting Timing/Completion of Project:
 funding

Eligible Funding Sources:
 Future Ballot

Master Plan:

FY	Eligible Funding Sources	Amount
2018	Future Ballot	\$330,000
2019	Future Ballot	\$330,000
		<u>\$660,000</u>



<p>Broadway Main Replacement Garth to W Blvd - W0141</p> <p>Description: Replace existing 6" water main on West Broadway, from Garth Ave to West Blvd, with 4,000 feet of 8" water main in conjunction with the Broadway Road Project.</p>	<p>Ward</p> <p>1 & 4</p>	<p>Begin Design</p> <p>2015</p>	<p>Begin Construction</p> <p>2021</p>	
	<p>Eligible for Percent for Arts?</p>		No	
	<p>Current Funding Request:</p>		\$0	
	<p>Total Appropriated:</p>		\$230,000	
	<p>Total City Project Cost:</p>		\$230,000	
	<p>Est. Project Balance: 09/30/2016</p>		\$230,000	

Current Status:
 Requires completion of street plans.

Factors Effecting Timing/Completion of Project:
 Curb, gutter and street work will be done in conjunction with this project. Easements, weather, funding.

<p>Eligible Funding Sources: Enterprise revenue, 2008 bond issue</p> <p>Master Plan:</p>	<p>FY</p>	<p>Eligible Funding Sources</p>	<p>Amount</p>



Brown Station Rd - Stark Av to Mojave Ct - W0241

Description:
Water Main in conjunction with roadway improvements

Ward	Begin Design	Begin Construction
3	2021	2021
Eligible for Percent for Arts?		No
Current Funding Request:		\$1,035,000
Total Appropriated:		\$0
Total City Project Cost:		\$1,035,000
Est. Project Balance: 09/30/2016		\$0

Current Status:
Project timing reevaluated, proposed for FY21

Factors Effecting Timing/Completion of Project:
funding

Eligible Funding Sources:
Future Ballot

Master Plan:

FY	Eligible Funding Sources	Amount
2018	Future Ballot	\$200,000
2019	Future Ballot	\$245,000
2020	Future Ballot	\$200,000
2021	Future Ballot	\$390,000
		<hr/>
		\$1,035,000

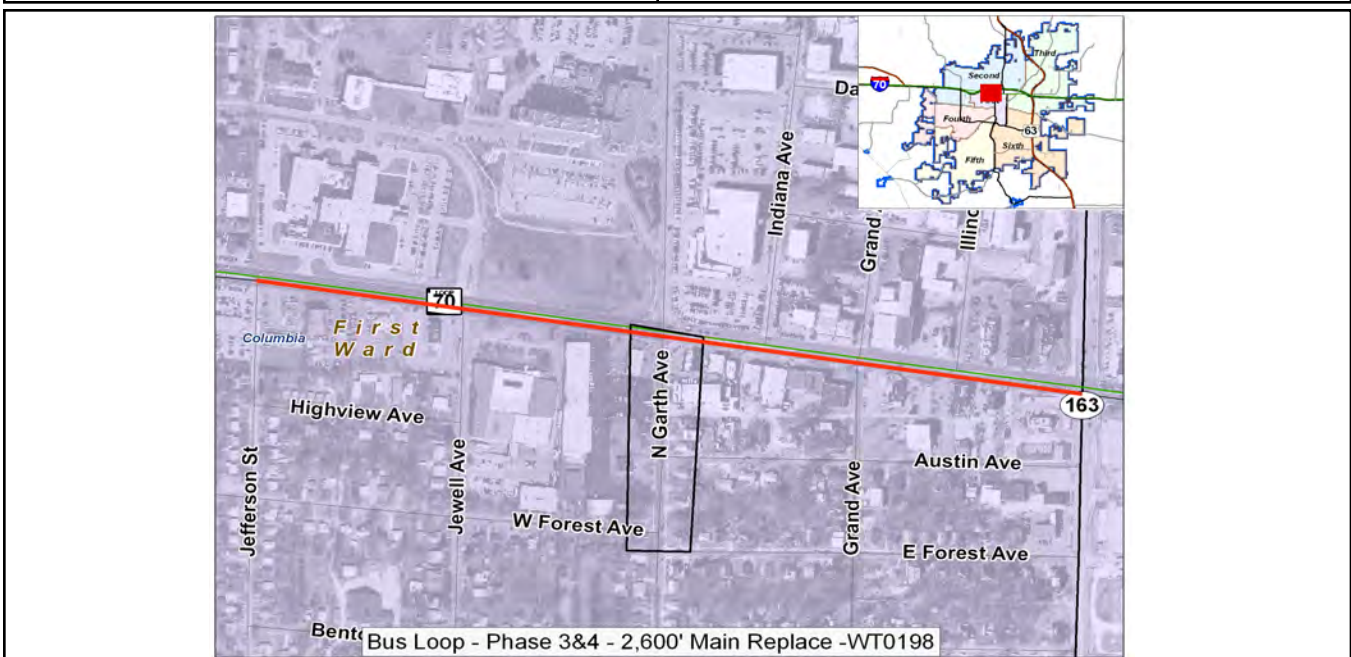


<p>Bus Loop - Garth-Prov - 2,600' Main Replace -W0198</p> <p>Description: Project to replace 2,600' of main on Business Loop 70 - Phase 3&4.</p>	Ward	Begin Design	Begin Construction
	1	2019	2019
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$645,000
	Total Appropriated:		\$19,735
	Total City Project Cost:		\$664,735
	Est. Project Balance: 09/30/2016		\$0

Current Status:
10-12-16 Proposed FY19. Will re-evaluate at that time

Factors Effecting Timing/Completion of Project:
Funding, easements, weather

<p>Eligible Funding Sources: Enterprise revenue, 2008 bond issue</p> <p>Master Plan:</p>	FY	Eligible Funding Sources	Amount
	2018	Ent Rev	\$200,000
	2019	Ent Rev	\$245,000
	2020	Ent Rev	\$200,000
			\$645,000



Bus Loop - Phase 5 - 3,800' Main Replace - W0199

Description:
Project to replace 3,800' of main on Business Loop 70 - Phase 5.

Ward	Begin Design	Begin Construction
1	2020	2021
Eligible for Percent for Arts?		No
Current Funding Request:		\$1,322,000
Total Appropriated:		\$0
Total City Project Cost:		\$1,322,000
Est. Project Balance: 09/30/2016		\$0

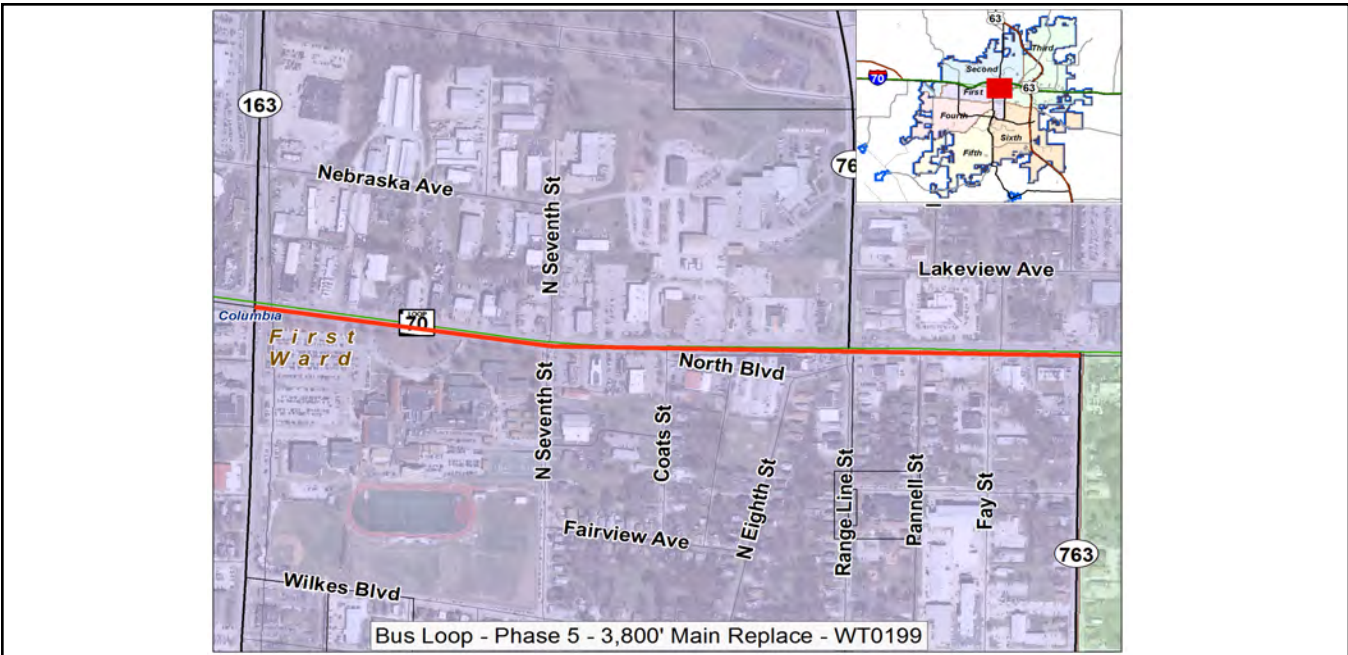
Current Status:
Proposed FY 2020

Factors Effecting Timing/Completion of Project:
Funding, easements, weather

Eligible Funding Sources:
Enterprise revenue, new bond issue

Master Plan:

FY	Eligible Funding Sources	Amount
2020	Future Ballot	\$1,322,000
		\$1,322,000



Clinkscates Road Replacement - W0265

Description:
 Clinkscates Road - Replace approx. 1300 ft. of 6" main from Broadway to Ash

Ward	Begin Design	Begin Construction
	2021	2021
Eligible for Percent for Arts?		No
Current Funding Request:		\$280,000
Total Appropriated:		\$0
Total City Project Cost:		\$280,000
Est. Project Balance: 09/30/2016		\$0

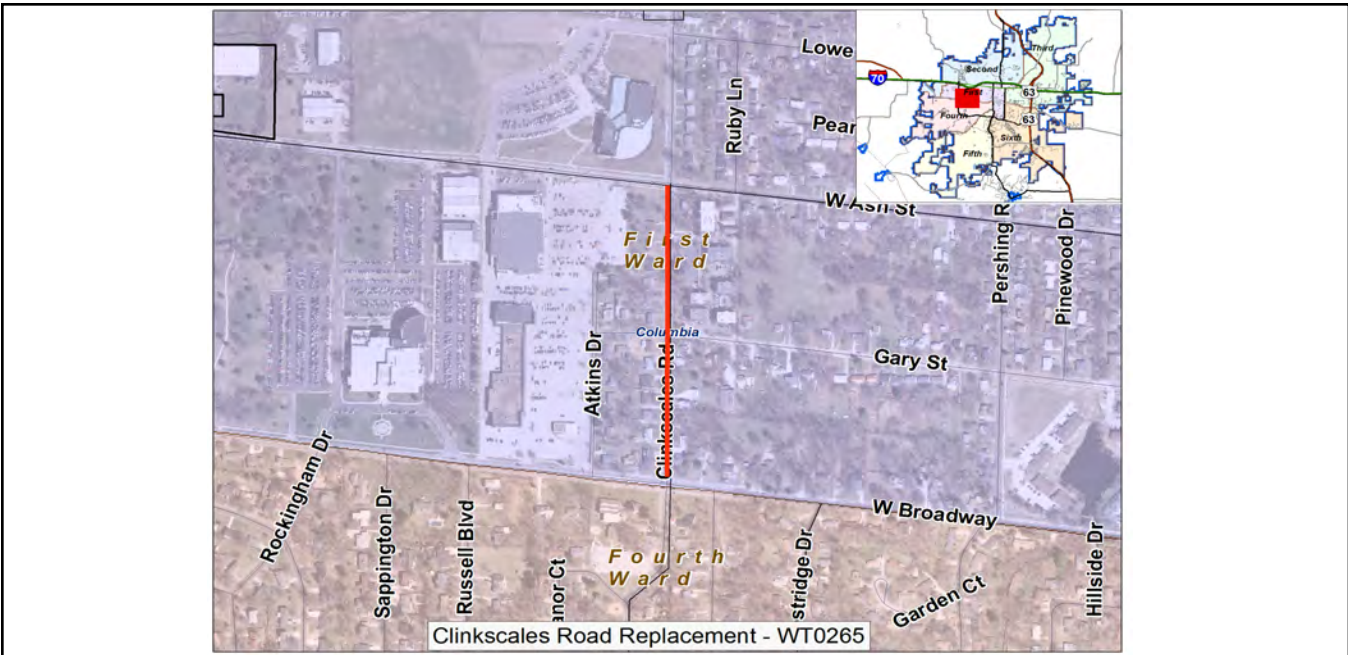
Current Status:
 10-12-16: Proposed - Funding planned for FY 2021

Factors Effecting Timing/Completion of Project:

Eligible Funding Sources:
 Future ballot

Master Plan:

FY	Eligible Funding Sources	Amount
2021	Future Ballot	\$280,000
		\$280,000



Crown Point - Loop to Spring Valley - W0267

Description:
Crown Point - Replace approx. 2400 ft. of 6" main on Loop to Spring Valley

Ward	Begin Design	Begin Construction
	2020	2020
Eligible for Percent for Arts?		No
Current Funding Request:		\$420,000
Total Appropriated:		\$0
Total City Project Cost:		\$420,000
Est. Project Balance: 09/30/2016		\$0

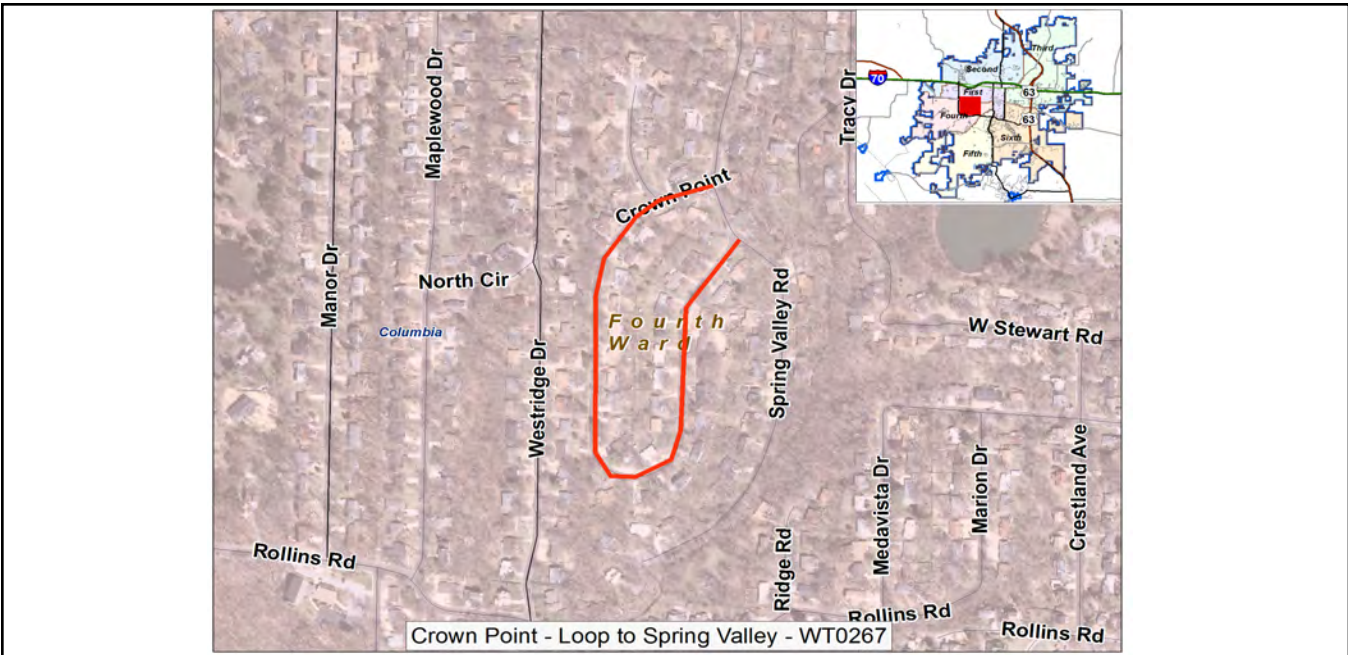
Current Status:
8/3/2016 Funds reallocated to higher priority mains within the strategic planning focus areas.

Factors Effecting Timing/Completion of Project:

Eligible Funding Sources:
PYA

Master Plan:

FY	Eligible Funding Sources	Amount
2020	Ent Rev	\$420,000
		\$420,000



DT: 7th St: Broadway to Ash Main Rpl W0166 Description: Main replacement by installing approximately 750 feet of main.	Ward	Begin Design	Begin Construction
	1	2020	2020
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$160,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$160,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
 Project timing reevaluated..planned for FY20

Factors Effecting Timing/Completion of Project:
 Funding, weather

Eligible Funding Sources: Enterprise revenue, new bond issue Master Plan:	FY	Eligible Funding Sources	Amount
	2020	Future Ballot	\$160,000
			\$160,000



DT: Waugh St: Locust to Paquin Main Upgrade W0180

Description:

Project to upgrade 650 feet of main on Waugh St from Locust to Paquin.

Ward	Begin Design	Begin Construction
1	2020	2020
Eligible for Percent for Arts?		No
Current Funding Request:		\$133,400
Total Appropriated:		\$0
Total City Project Cost:		\$133,400
Est. Project Balance: 09/30/2016		\$0

Current Status:

Proposed

Factors Effecting Timing/Completion of Project:

Funding, weather

Eligible Funding Sources:

Enterprise revenue, future ballot

FY	Eligible Funding Sources	Amount
2020	Future Ballot	\$133,400
		\$133,400

Master Plan:



Loop Closure, Charles St - Business Loop - W0240

Description:
 Loop Closure, Charles St - Business Loop to McAlester

Ward	Begin Design	Begin Construction
3	2018	2019
Eligible for Percent for Arts?		No
Current Funding Request:		\$480,000
Total Appropriated:		\$0
Total City Project Cost:		\$480,000
Est. Project Balance: 09/30/2016		\$0

Current Status:
 Proposed

Factors Effecting Timing/Completion of Project:
 funding

Eligible Funding Sources:
 Future Ballot

Master Plan:

FY	Eligible Funding Sources	Amount
2018	Future Ballot	\$480,000
		\$480,000



Main Adjustment-Forum Blvd Improvements-W0253

Description:
Water Main adjustments coinciding with roadway improvements

Ward	Begin Design	Begin Construction
4 & 5	2019	2019
Eligible for Percent for Arts?		No
Current Funding Request:		\$45,000
Total Appropriated:		\$0
Total City Project Cost:		\$45,000
Est. Project Balance: 09/30/2016		\$0

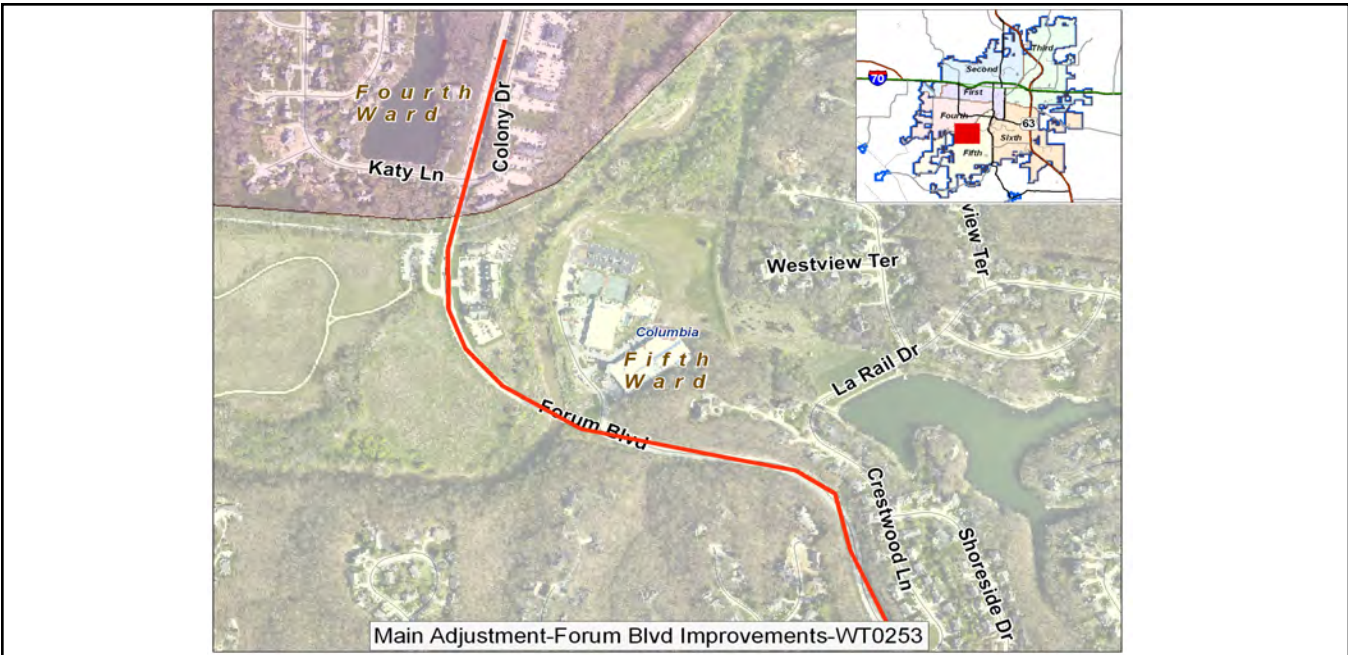
Current Status:
Proposed

Factors Effecting Timing/Completion of Project:
Based on road improvements on Forum Blvd. Will be funded from existing funds in WT0125 (Annual Main relocation for streets and highways)

Eligible Funding Sources:
Enterprise Revenue

Master Plan:

FY	Eligible Funding Sources	Amount
2019	PYA - various	\$45,000
		\$45,000



Main Adjustment-Nifong Blvd Improvements-W0256

Description:
Main adjustments coinciding with Nifong Blvd roadway improvements from Bethel St. to Vawter School Rd.

Ward	Begin Design	Begin Construction
5	2019	2019
Eligible for Percent for Arts?		No
Current Funding Request:		\$250,000
Total Appropriated:		\$0
Total City Project Cost:		\$250,000
Est. Project Balance: 09/30/2016		\$0

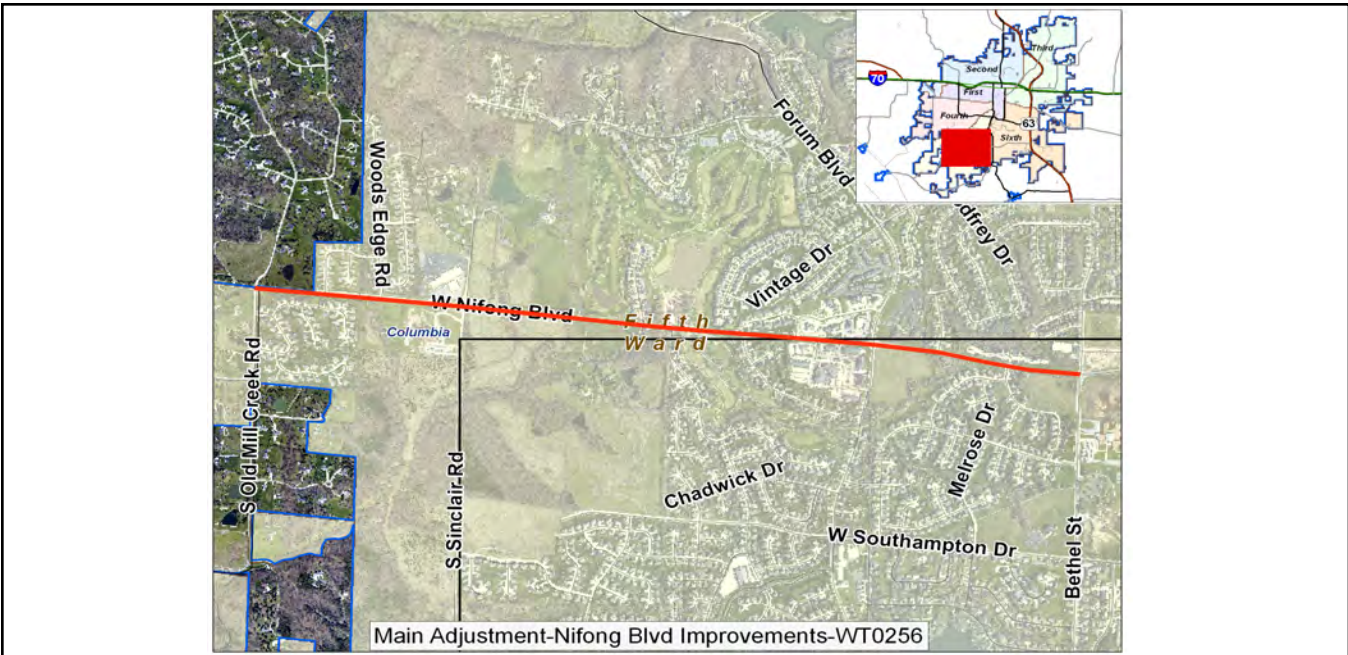
Current Status:
Proposed

Factors Effecting Timing/Completion of Project:
Depends on road improvements for Nifong Blvd. Will be funded from existing funding in WT0125 (Annual main relocation for streets and highways)

Eligible Funding Sources:
Enterprise Revenue

Master Plan:

FY	Eligible Funding Sources	Amount
2019	PYA - various	\$250,000
		\$250,000



Morris Drive/Heying Drive - W0271

Description:
 Upgrade approx. 1500 ft. of 2" main along Morris Drive/Heying Drive

Ward	Begin Design	Begin Construction
	2019	2019
Eligible for Percent for Arts?		No
Current Funding Request:		\$187,500
Total Appropriated:		\$0
Total City Project Cost:		\$187,500
Est. Project Balance: 09/30/2016		\$0

Current Status:
 10-12-16: Proposed - Funding planned for FY 2019

Factors Effecting Timing/Completion of Project:

Eligible Funding Sources:
 Future ballot

Master Plan:

FY	Eligible Funding Sources	Amount
2019	Future Ballot	\$187,500
		\$187,500



NC: 5th St: Ash-Hickman Main Upgrade W0183

Description:
Project to upgrade 1,575 feet of main on Fifth St from Ash to Hickman.

Ward	Begin Design	Begin Construction
1	2019	2019
Eligible for Percent for Arts?		No
Current Funding Request:		\$323,000
Total Appropriated:		\$0
Total City Project Cost:		\$323,000
Est. Project Balance: 09/30/2016		\$0

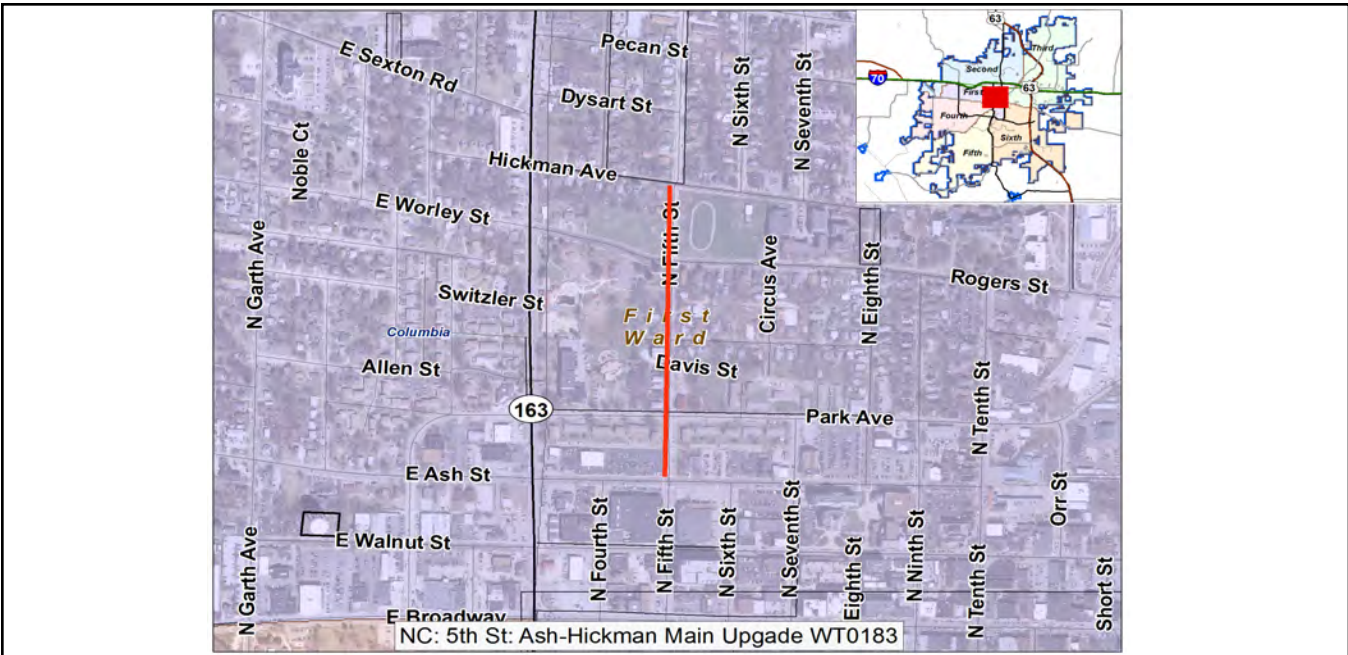
Current Status:
Project timing reevaluated, proposed for FY19

Factors Effecting Timing/Completion of Project:
Funding, weather

Eligible Funding Sources:
Enterprise revenue, future ballot

Master Plan:

FY	Eligible Funding Sources	Amount
2019	Future Ballot	\$323,000
		\$323,000



New Southeast Pump Station - W0280

Description:
Installation of booster pump station and pressure zone in the Phillips Lake Area.

Ward	Begin Design	Begin Construction
	2019	2020
Eligible for Percent for Arts?		No
Current Funding Request:		\$2,800,000
Total Appropriated:		\$0
Total City Project Cost:		\$2,800,000
Est. Project Balance: 09/30/2016		\$0

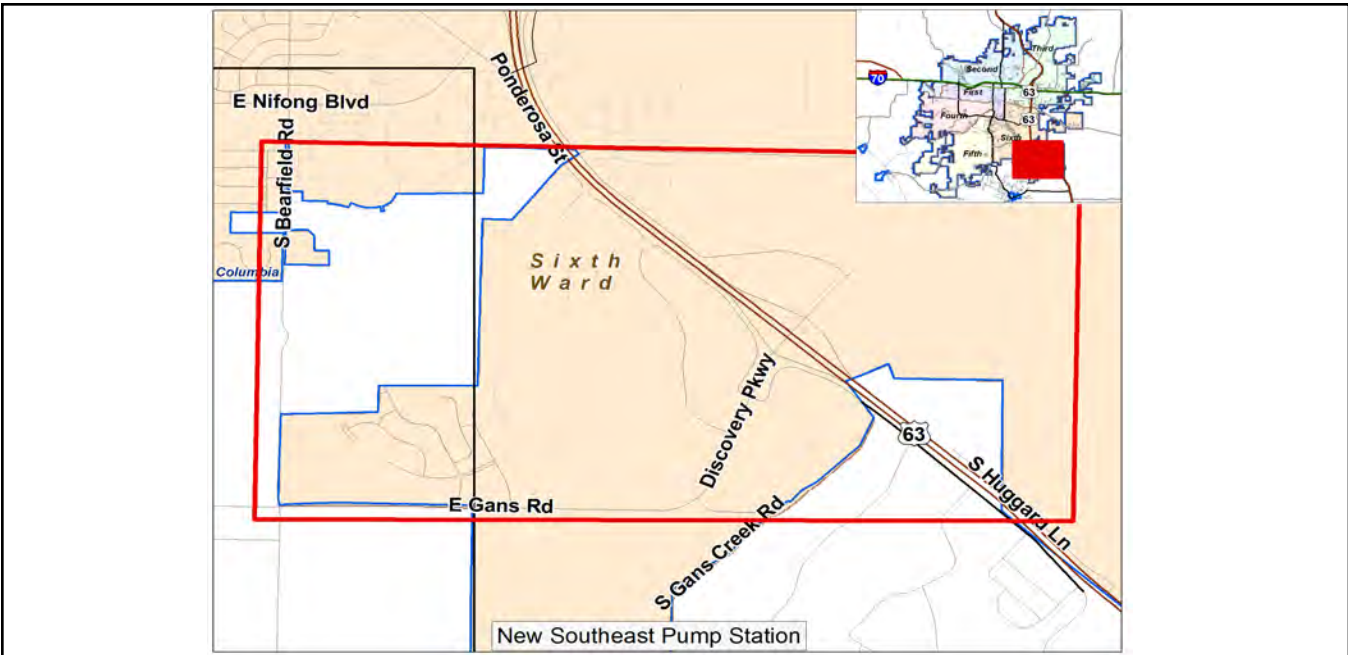
Current Status:
10-12-16 Design to begin FY19, waiting on funding

Factors Effecting Timing/Completion of Project:

Eligible Funding Sources:

Master Plan:

FY	Eligible Funding Sources	Amount
2019	Future Ballot	\$300,000
2020	Future Ballot	\$2,500,000
		<u>\$2,800,000</u>



New Well Platforms - W0279

Description:
Replacement of Well Platforms on eight wells in the McBaine Well Field.

Ward	Begin Design	Begin Construction
	2021	2021
Eligible for Percent for Arts?		No
Current Funding Request:		\$1,600,000
Total Appropriated:		\$0
Total City Project Cost:		\$1,600,000
Est. Project Balance: 09/30/2016		\$0

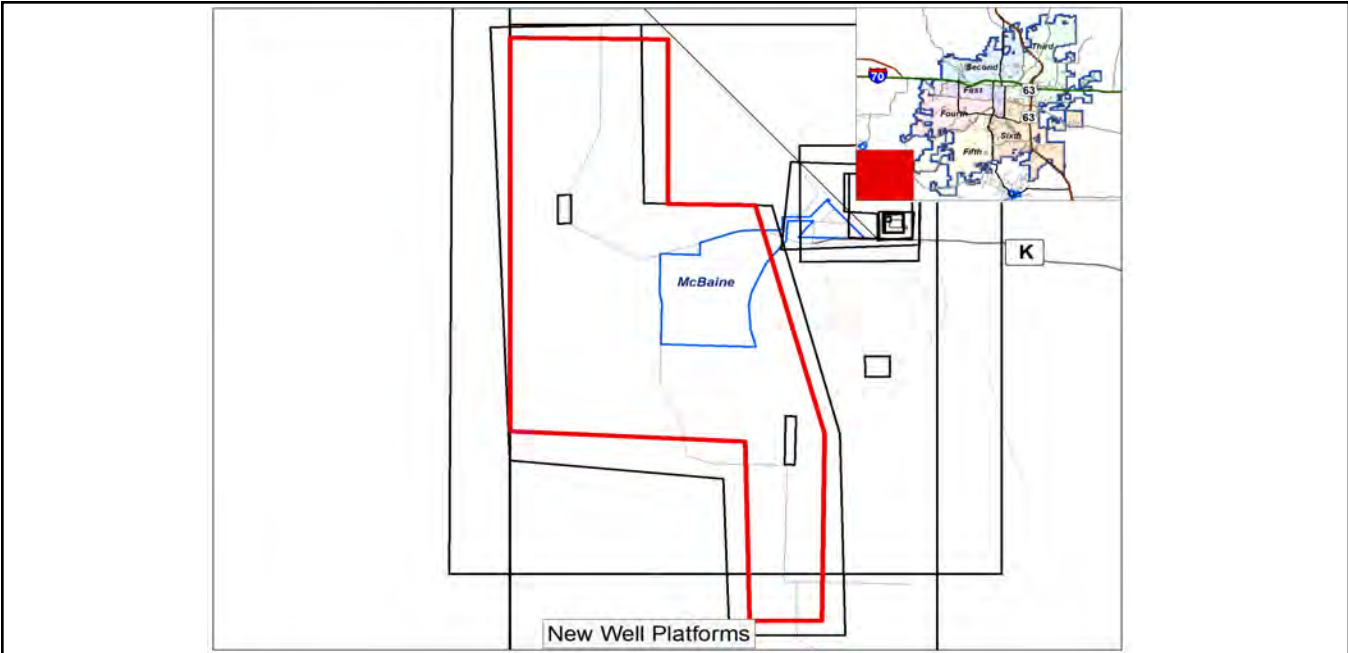
Current Status:
10-12-16 Proposed for FY21, waiting on funding

Factors Effecting Timing/Completion of Project:

Eligible Funding Sources:

Master Plan:

FY	Eligible Funding Sources	Amount
2021	Future Ballot	\$1,600,000
		\$1,600,000



Parkade Blvd Main Replacement -3,600 FT- W0246

Description:
 Upgrade of 3600 ft of Water Main on Parkade Blvd from 6" to 8" from Garth Ave curving around to Texas Ave.

Ward	Begin Design	Begin Construction
2	2019	2019
Eligible for Percent for Arts?		No
Current Funding Request:		\$856,800
Total Appropriated:		\$0
Total City Project Cost:		\$856,800
Est. Project Balance: 09/30/2016		\$0

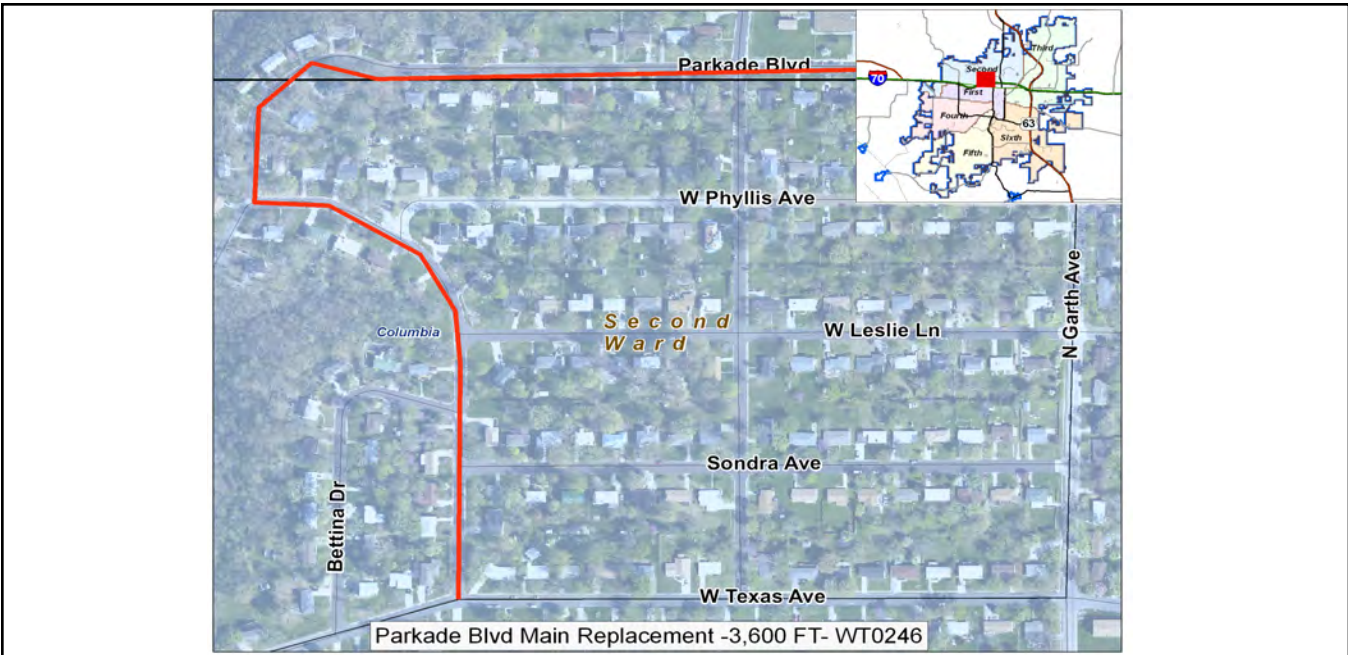
Current Status:
 Proposed

Factors Effecting Timing/Completion of Project:
 funding

Eligible Funding Sources:
 Enterprise Revenue and Future Ballot

Master Plan:

FY	Eligible Funding Sources	Amount
2019	Future Ballot	\$856,800
		<u>\$856,800</u>



<p>Proctor Dr - Bear Creek to Creasy Springs-W0257</p> <p>Description: Coinciding with road replacement, Proctor Dr, 4100 ft of 6" main replacement, from Bear Creek Dr. to Creasy Springs Rd.</p>	Ward	Begin Design	Begin Construction
	2	2018	2019
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$992,500
	Total Appropriated:		\$0
	Total City Project Cost:		\$992,500
	Est. Project Balance: 09/30/2016		\$0

Current Status:
Project timing reevaluated, proposed for FY19

Factors Effecting Timing/Completion of Project:
funding

<p>Eligible Funding Sources: Enterprise Fund and Future Ballot</p> <p>Master Plan:</p>	FY	Eligible Funding Sources	Amount
	2018	Future Ballot	\$400,000
	2019	Future Ballot	\$592,500
			\$992,500



Replace Alluvial Wells #2 AND #7 - W0276

Description:
Replacement of Alluvial Wells No 2 and 7 in the McBaine Well Field.

Ward	Begin Design	Begin Construction
	2019	2019
Eligible for Percent for Arts?		No
Current Funding Request:		\$1,200,000
Total Appropriated:		\$0
Total City Project Cost:		\$1,200,000
Est. Project Balance: 09/30/2016		\$0

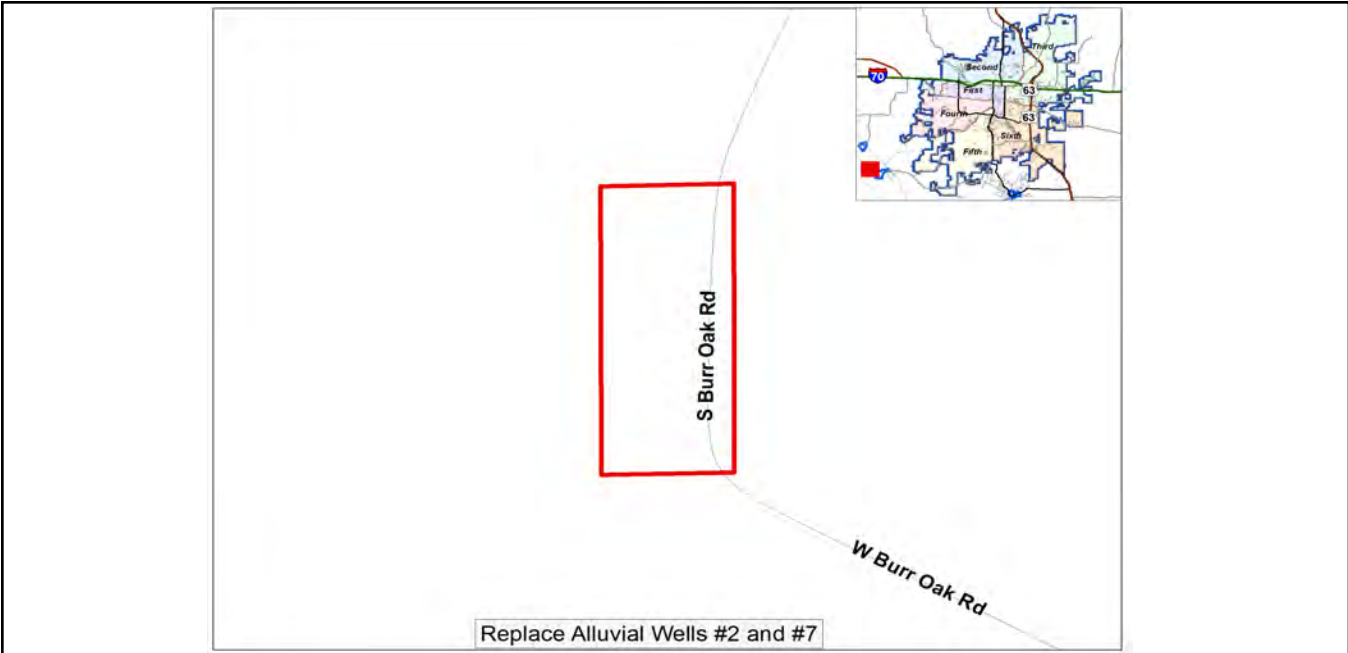
Current Status:
10-12-16 Proposed for FY19, waiting on funding

Factors Effecting Timing/Completion of Project:

Eligible Funding Sources:

Master Plan:

FY	Eligible Funding Sources	Amount
2019	Future Ballot	\$1,200,000
		\$1,200,000



Water Treatment Plant Upgrade - Phase 1 - W0236

Description:
 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.

Ward	Begin Design	Begin Construction
Outside City Limits	2018	2020
Eligible for Percent for Arts?		No
Current Funding Request:		\$35,000,000
Total Appropriated:		\$0
Total City Project Cost:		\$35,000,000
Est. Project Balance: 09/30/2016		\$0

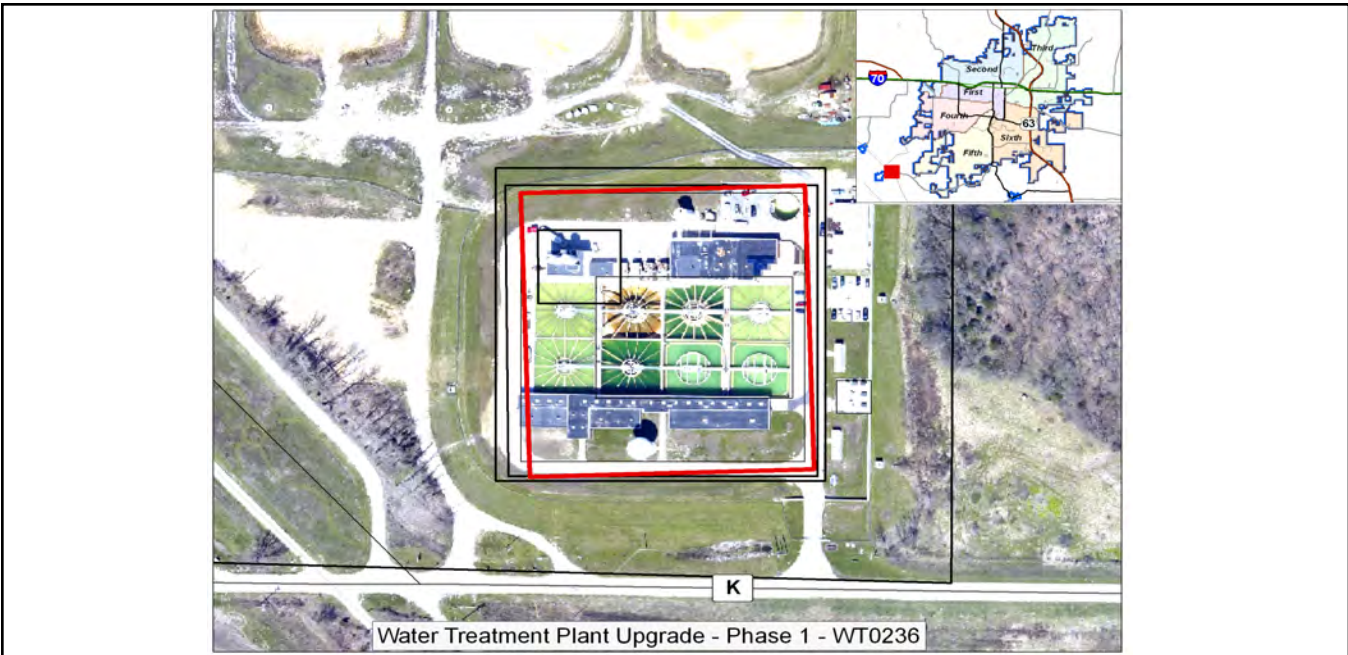
Current Status:
 Proposed FY18 Bond Project

Factors Effecting Timing/Completion of Project:
 funding

Eligible Funding Sources:
 Future Ballot

Master Plan:

FY	Eligible Funding Sources	Amount
2018	Future Ballot	\$5,000,000
2019	Future Ballot	\$20,000,000
2020	Future Ballot	\$10,000,000
		<u>\$35,000,000</u>



West Ash Upgrades W0145

Description:

Install new variable drive pumps to convert the existing constant drive pumps at the West Ash pumping station.

Ward	Begin Design	Begin Construction
System-Wide	2018	2019
Eligible for Percent for Arts?		No
Current Funding Request:		\$3,300,000
Total Appropriated:		\$0
Total City Project Cost:		\$3,300,000
Est. Project Balance: 09/30/2016		\$0

Current Status:

Proposed FY18 Bond Project

Factors Effecting Timing/Completion of Project:

Availability of pumps, contractor, and funding

Eligible Funding Sources:

Enterprise Revenue, future ballot

FY	Eligible Funding Sources	Amount
2018	Future Ballot	\$300,000
2019	Future Ballot	\$3,000,000
		<u>\$3,300,000</u>

Master Plan:



Construct Warehouse & Enclosed Parking - W0263

Description:
 Due to limited space at water and electric distribution center, this project would construct a new warehouse with enclosed parking for equipment. Funding split - 20% water and 80% electric

Ward	Begin Design	Begin Construction
3	2019	2022
Eligible for Percent for Arts?		No
Current Funding Request:		\$0
Total Appropriated:		\$1,000,000
Total City Project Cost:		\$1,000,000
Est. Project Balance: 09/30/2016		\$1,000,000

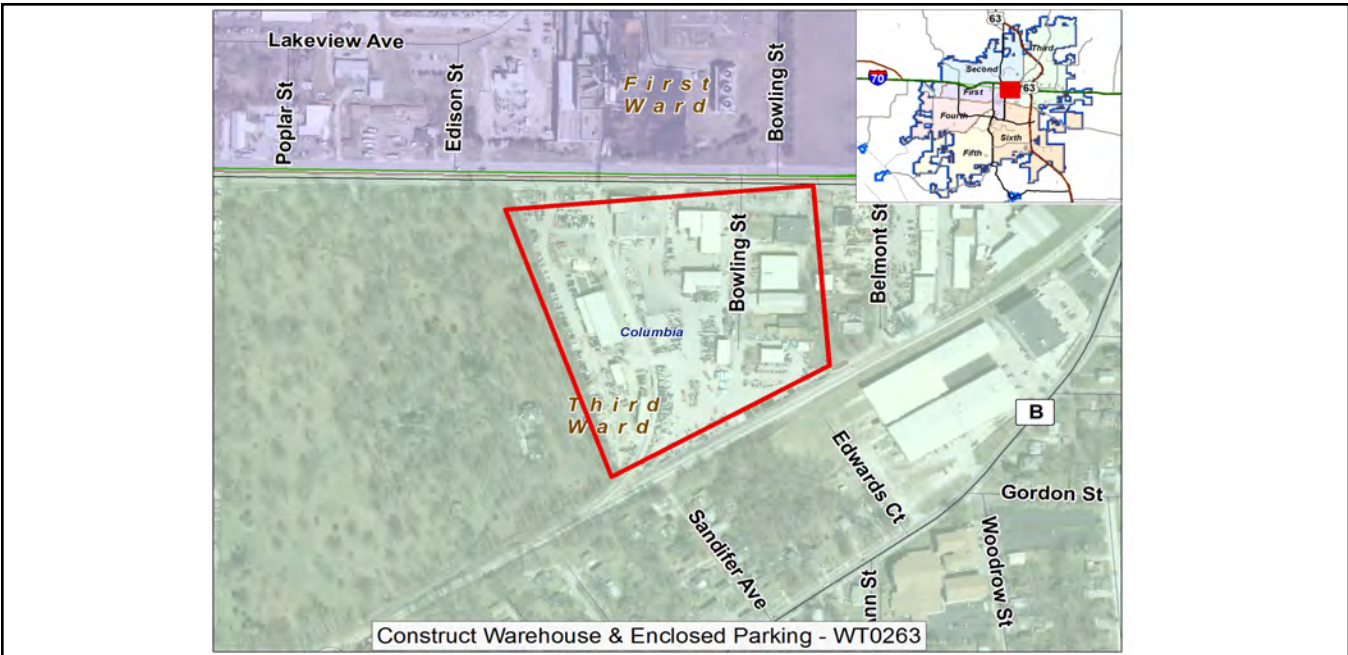
Current Status:
 10-12-16 Project on hold after interview with Architects. Looking at other options to build on another site. Possibly 2 - 5 yrs out.

Factors Effecting Timing/Completion of Project:
 funding

Eligible Funding Sources:
 Enterprise Revenue

Master Plan:

FY	Eligible Funding Sources	Amount



Waco Rd - Brown Station to Oakland - W0251

Description:
Water Main in conjunction with roadway improvements

Ward	Begin Design	Begin Construction
3	2021	2022
Eligible for Percent for Arts?		No
Current Funding Request:		\$1,292,000
Total Appropriated:		\$0
Total City Project Cost:		\$1,292,000
Est. Project Balance: 09/30/2016		\$0

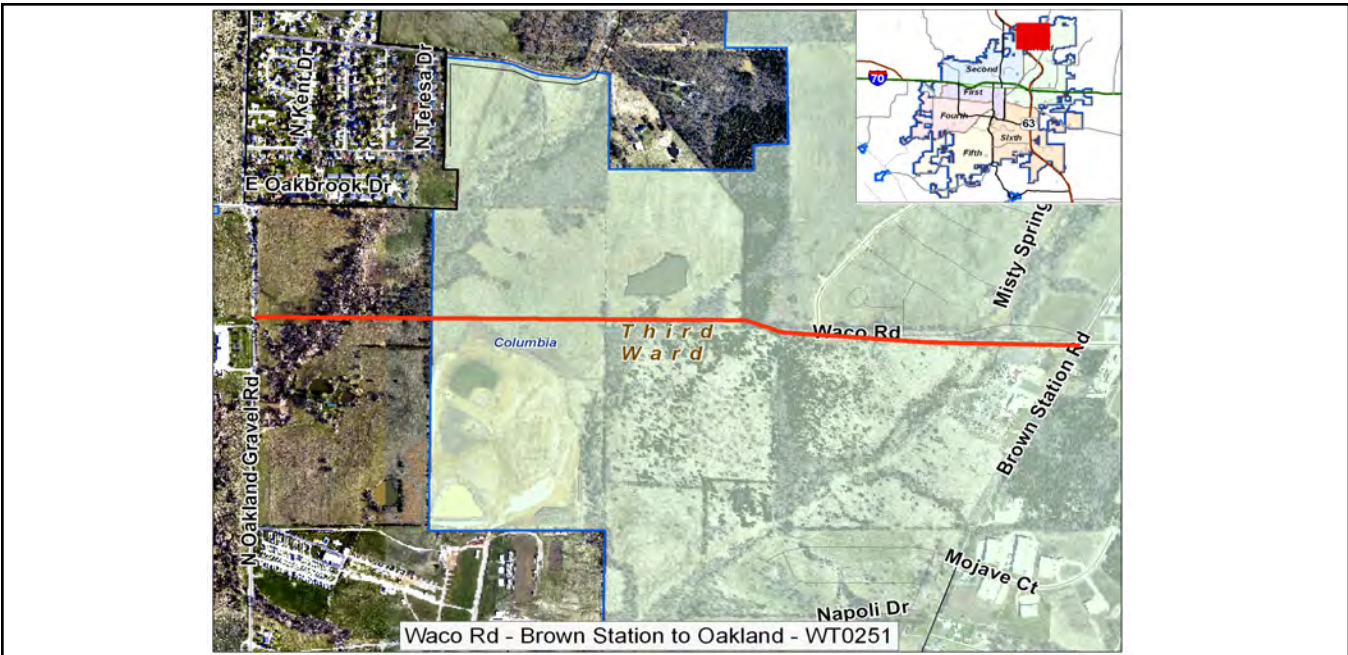
Current Status:
Proposed

Factors Effecting Timing/Completion of Project:
funding

Eligible Funding Sources:
Future Ballot and Enterprise Revenue

Master Plan:

FY	Eligible Funding Sources	Amount
2021	Future Ballot	\$562,000
2022	Future Ballot	\$730,000
		<hr/>
		\$1,292,000



Waco Rd - Route B to Rogers - W0252

Description:
Water Main in conjunction with roadway improvements

Ward	Begin Design	Begin Construction
3	2021	2022
Eligible for Percent for Arts?		No
Current Funding Request:		\$1,101,000
Total Appropriated:		\$0
Total City Project Cost:		\$1,101,000
Est. Project Balance: 09/30/2016		\$0

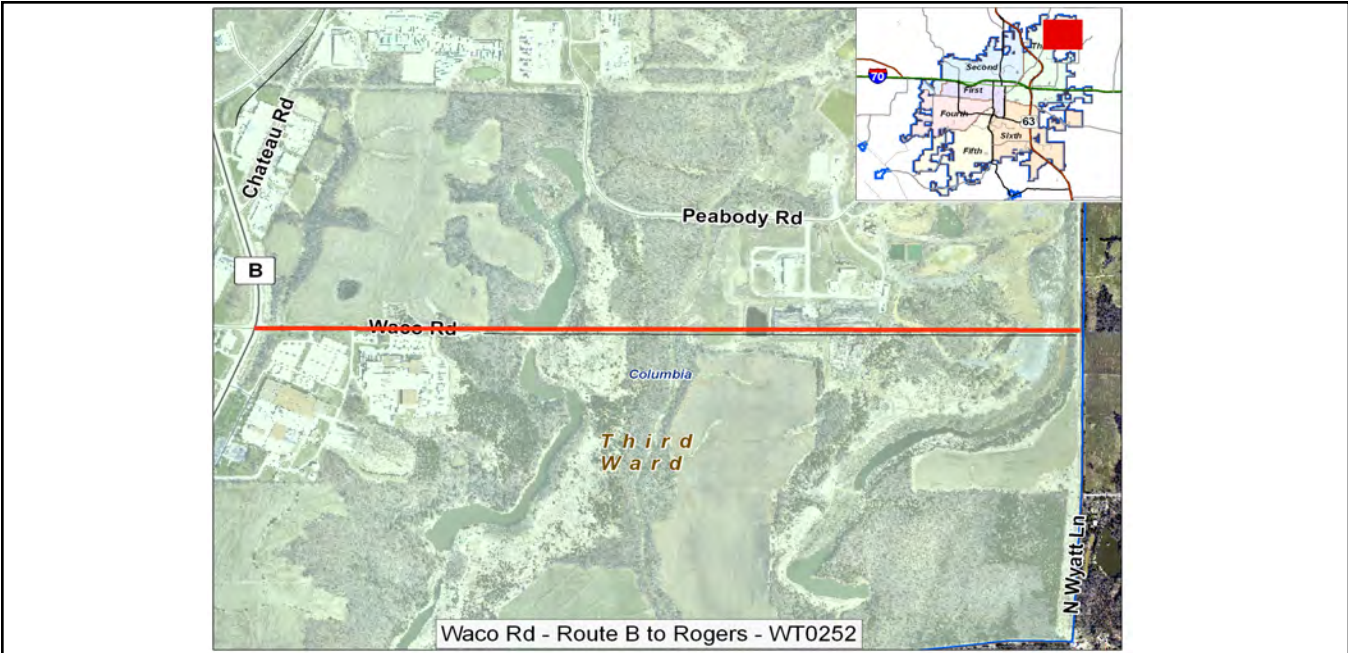
Current Status:
Proposed

Factors Effecting Timing/Completion of Project:
funding

Eligible Funding Sources:
Enterprise Revenue and Future Ballot

Master Plan:

FY	Eligible Funding Sources	Amount
2021	Future Ballot	\$445,000
2022	Future Ballot	\$656,000
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		\$1,101,000



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Railroad Capital Projects

Planning

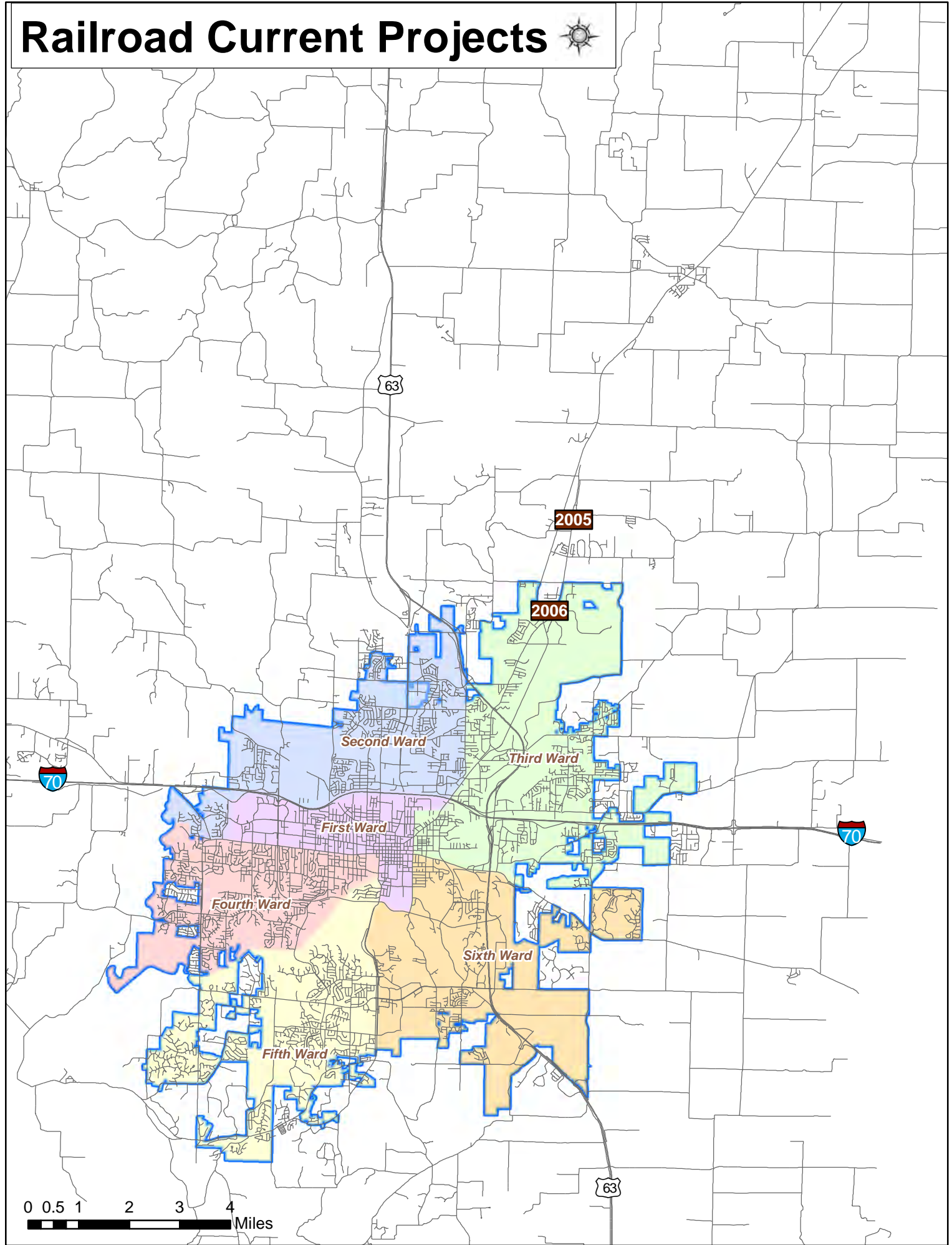
The Capital Improvements Plan (CIP) Budget is updated annually. The CIP is a multi-year plan for capital expansion and replacement of aging facilities and infrastructure. As part of preparing the CIP, the short line railroad is evaluated for adequacy and replacement requirements. The railroad engineering staff develops recommendations for the CIP based on the condition of existing infrastructure, other public projects impacting the railroad, railroad traffic conditions, railroad customer requirements, and railroad operating requirements. These recommendations then go through a review process including the Director of Water & Light, the City Manager, the Railroad Advisory Board (a citizen advisory board), and finally the Columbia City Council.

Various evaluation tools are utilized to make recommendations outlined in the annual CIP. These include evaluation of existing infrastructure condition through routine inspections, review of maintenance records, evaluation and projection of future traffic quantities and types, evaluation of existing and projected operating practices, and use of detailed analytical models to predict failure rates and asset lives.

Funding

Funding for the railroad CIP program is a combination of enterprise revenue, CDBG grants, funding from other governmental entities, and loans from the electric utility.

Railroad Current Projects



Railroad CIP Projects

Project Name	Status	Ward	Begin Construction	Total Appropriated	Funding Still Needed	Unfunded/Future Ballot Amount
Annual						
1 Annual Capital Maintenance - R0045 [ID: 626]	On-going	3 & Outside City		\$685,933		
2 Annual Rail Replacement Program - R0014 [ID: 627]	On-going	3 & Outside City		\$431,850		
3 Annual Surfacing Program - R0013 [ID: 629]	On-going	3 & Outside City		\$414,183		
4 Annual Tie Program - R0012 [ID: 630]	On-going	3 & Outside City		\$1,409,102		
4 Projects				\$2,941,068	\$0	\$0

Project Name	Status	Ward	Begin Construction	Total Project Cost	Funding Still Needed	Unfunded/Future Ballot Amount
Current						
1 Access Control & Video Monitoring System R0072 [ID: 2006]	Preliminary Design	3	2016	\$40,000		
2 Orear Crossing Improvement R0071 [ID: 2005]	Proposed			\$125,000		
2 Projects				\$165,000	\$0	\$0
6 Total Projects				\$3,106,068	\$0	\$0

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Sanitary Sewer Utility Capital Projects

Planning

The Capital Improvements Plan (CIP) Budget is updated annually. The CIP is a multi-year plan for expansion and rehabilitation/replacement of sanitary sewer collection and treatment facilities. As part of preparing the CIP, the sanitary sewer collection and treatment facilities are evaluated for adequacy and replacement requirements. The City Utilities Director and sewer utility staff develop recommendations for the CIP. These recommendations are then reviewed by the City Manager and the Columbia City Council.

Various evaluation tools are utilized to make the recommendations outlined in the annual CIP. These include petitions requesting private common collector elimination and sewer district projects, the Sewer Utility Master Plan, modeling the sanitary sewer collection system to evaluate existing system capacity; the impact of future proposed development and determination of when collection system improvements are necessary; evaluation of customer growth patterns; communication with the Boone County Regional Sewer District regarding inter-connected systems, and the evaluation of the wastewater treatment facility needs.

The City Council approved the Sewer Utility Master Plan in January 2007. The Master Plan outlined the capital improvement projects needed to ensure the sewer utility continues to provide adequate wastewater collection and treatment. The Master Plan will be utilized to help prepare future sewer utility CIP budgets.

In addition, an active preventive maintenance program is in place to identify problem areas that may require inclusion in the CIP. This program includes:

1. Annual inspection of trunk sewers along major creeks to identify any street bank erosion problems that could effect the sanitary sewer collection system.
2. Manhole inspection program to identify sewer manholes that need to be repaired or replaced.
3. Internal television inspection of sanitary sewers to identify lines that need to be rehabilitated or replaced.

Funding

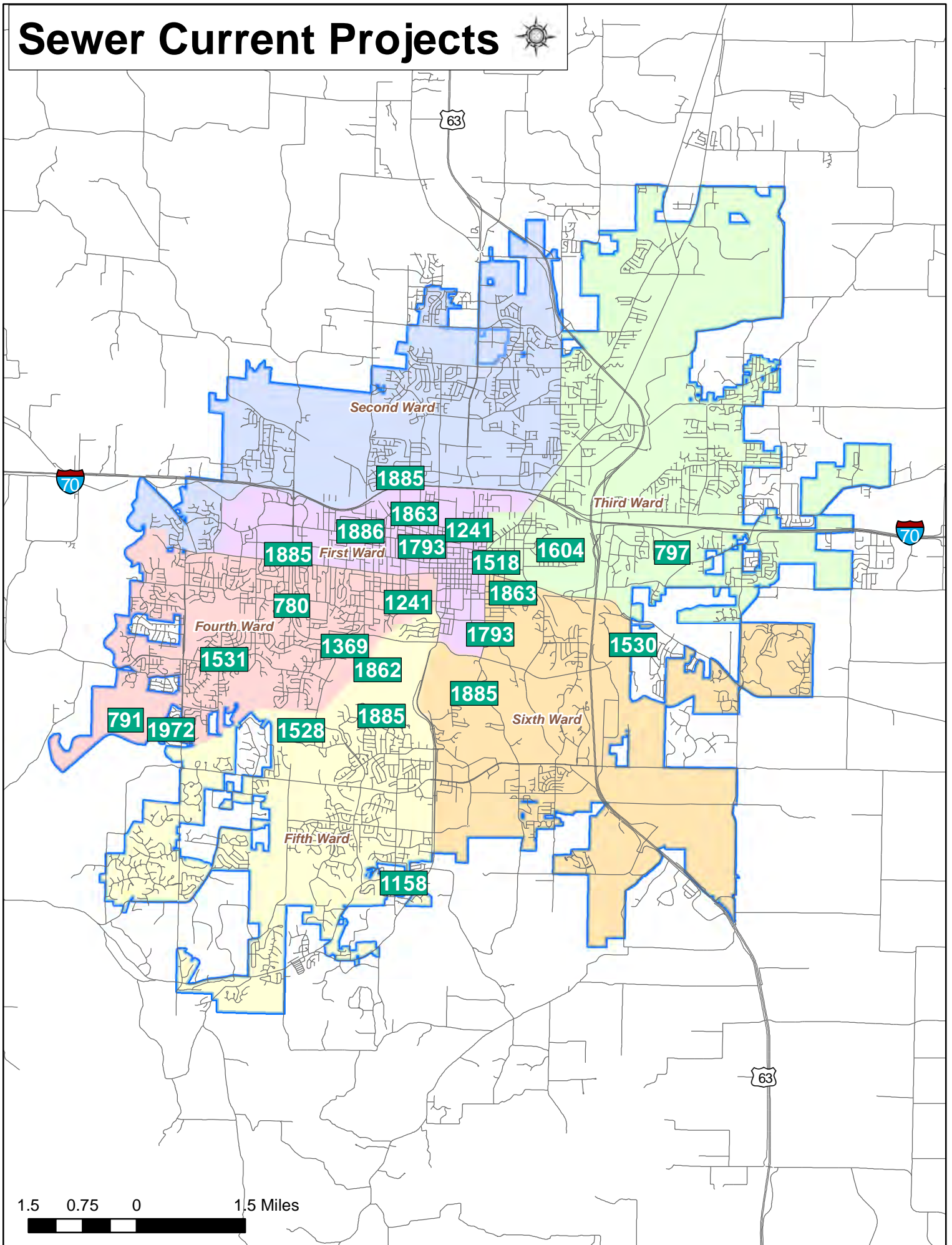
Funding for the sanitary sewer utility CIP program in a combination of revenue bonds and enterprise revenue.

On April 8, 2008, Columbia voters approved a \$77 million ballot issue for the purpose of improving the city's sewer system. These improvements included upgrades at the wastewater treatment plant and collection system improvements. The final project from these bonds is the Upper Hinkson Outfall Extension, anticipated to be completed during FY2017.

In FY 2013, Columbia voters approved a \$32 million ballot issue for the primary purpose of rehabilitating the existing sewer collection system to address inflow and infiltration. This ballot issue also included funding for continued elimination of private common collector sewers, sewer extensions and digester improvements at the Waste Water Treatment Plant.

A cost of service study was conducted in 2014 to determine rates required to sustain and expand the division as the city grows and industry standards and regulations evolve.

Sewer Current Projects



Sewer CIP Projects

Project Name	Status	Ward	Begin Construction	Total Appropriated	Funding Still Needed	Unfunded/Future Ballot Amount
Annual						
1 Annual 100-Acre Point Trunks Revolving Fd - SW111 [ID: 749]	On-going			\$280,000		
2 Annual Inflow & Infiltration Program - SW251 [ID: 1718]	On-going	All		\$2,000,000	\$2,466,000	\$15,000,000
3 Annual Private Common Collectors - SW112 [ID: 752]	On-going			\$909,020		
4 Annual Sewer Main and Manhole Rehab - SW100 [ID: 753]	On-going			\$5,691,507		\$1,000,000
5 Annual Sewer System Improvements - SW183 [ID: 750]	On-going			\$709,216		\$1,500,000
5 Projects				\$9,589,743	\$2,466,000	\$17,500,000

Project Name	Status	Ward	Begin Construction	Total Project Cost	Funding Still Needed	Unfunded/Future Ballot Amount
Current						
1 FBRS - Elm & 6th Street #3- SW257 [ID: 1863]	Final Design	1	2016	\$2,336,000		
2 FBRS - Stadium to Elm #1- SW256 [ID: 1862]	Bid	1,4 & 5	2016	\$4,442,985		
3 FBRS to Turner Relief Sewer #2- SW250 [ID: 1793]	Final Design	1 & 5	2016	\$710,000		
4 FY2014 Sewer Main Rehab - SW260 [ID: 1885]	Construction	Various	2014	\$1,308,701		
5 FY2015 Sewer Main Rehab - SW501 [ID: 1946]	Proposed	Various	2015	\$2,708,842		
6 Hominy Branch Outfall relief Sewer SW210 [ID: 797]	In Service	3	2011	\$3,793,309		
7 North Grindstone Creek Bank Stabilization SW244 [ID: 1530]	In Service	6	2016	\$200,000		
8 PCCE # 3 - Stewart & Medavista - SW198 [ID: 780]	Final Design	4	2016	\$834,030		
9 PCCE # 8 : Thilly Lathrop SW221 [ID: 1241]	Final Design	4	2016	\$1,980,970		
10 PCCE #20 - Ridgemont - SW248 [ID: 1369]	Final Design	4	2016	\$551,851	\$216,000	
11 PCCE #24 - St. James & St. Joseph - SW253 [ID: 1604]	Final Design	1	2016	\$154,100		
12 PCCE #39 Hubbell Drive Sewer Improvement - SW500 [ID: 1886]	Final Design	1	2016	\$171,000		
13 Sewer District #170 - S. Bethel Church Road SW232 [ID: 1158]	Final Design	5	2016	\$268,380		
14 Upper Merideth Branch Stream Bank Stabiliz. SW245 [ID: 1531]	Final Design	4	2016	\$500,000		
15 Westwood Avenue Sewer Relocation SW246 [ID: 1518]	In Service	4	2015	\$321,715		
16 Woodrail Sewer Replacement Project -SW247 [ID: 1528]	Final Design	5	2016	\$281,049		
17 WWTP Engineering Addition - SW264 [ID: 1972]	In Service	4	2016	\$100,000		
18 WWTP Improvement Project Phase I - SW194 [ID: 791]	Ready to Close	4	2010	\$63,643,991		
18 Projects				\$84,306,923	\$216,000	\$0

1-2 Years						
1 Again Street 1105 Property Acquisition - SW509 [ID: 2002]	Proposed	1	2017	\$190,000		
2 Court and Hickory Street Sewer Relocation - SW505 [ID: 1890]	Preliminary Design	3	2017	\$485,000	\$427,793	
3 FY2016 Sewer Main Rehab [ID: 2016]	Proposed	Varies	2017	\$2,000,000		
4 Henderson Brnch Sewer :Midway Sewer Ext -SW255 [ID: 1060]	Preliminary Design	Outside City	2017	\$4,635,644	\$2,928,047	
5 PCCE #16 - Bingham Rd & West Ridgeley Rd SW240 [ID: 1366]	Preliminary Design	5	2017	\$895,000	\$133,900	
6 PCCE #18 - Spring Valley Road SW241 [ID: 1365]	Preliminary Design	4	2017	\$149,000		
7 PCCE #21 - Stanford - SW507 [ID: 1912]	Proposed	4	2018	\$95,000	\$80,000	
8 PCCE #22 - Shannon Place - SW502 [ID: 1603]	Preliminary Design	4	2018	\$109,000	\$100,000	
9 PCCE #27 - Grace Ellen - SW254 [ID: 1606]	Preliminary Design	2	2017	\$128,000		
10 SD #172 Northland Drive - SW506 [ID: 1977]	Proposed	2	2018	\$250,000		
11 Upper Hinkson Creek Outfall Ext. SW213 [ID: 806]	Final Design	3	2017	\$9,650,174		
12 WWTP - Digester Complex Improvements - SW508 [ID: 1303]	Proposed	4	2018	\$4,450,000	\$4,450,000	
12 Projects				\$23,036,818	\$8,119,740	\$0

3-5 Years						
1 FBRS - 4th Street - Elm to Rogers/Broadway -SW258 [ID: 1864]	Proposed	1	2019	\$3,862,251	\$3,862,251	
2 Gans Creek Pump Station Upgrade [ID: 1196]	Proposed	6	2021	\$2,750,000	\$2,750,000	\$2,750,000
3 North Grindstone Outfall Ext. Phase III SW214 [ID: 732]	Final Design	Outside city	2019	\$1,560,000	\$1,400,000	

Sewer CIP Projects

Project Name	Status	Ward	Begin Construction	Total Project Cost	Funding Still Needed	Unfunded/Future Ballot Amount
3-5 Years						
4 PCCE #23 - Lakeshore Drive & Edgewood Ave - SW503 [ID: 1911]	Proposed	4	2019	\$275,000	\$275,000	
5 PCCE #25 - Glenwood & Redbud - SW504 [ID: 1605]	Proposed	4	2019	\$610,000	\$560,000	
6 PCCE #28 - Hickory Hill Drive & Sunset Drive [ID: 1910]	Proposed	4	2020	\$180,000	\$180,000	\$160,000
7 PCCE #29 - East Sunset Lane [ID: 1909]	Proposed	4	2020	\$275,000	\$275,000	\$250,000
8 PCCE #30 - West Stewart, Edgewood, Westmount ave [ID: 1908]	Proposed	4	2020	\$395,000	\$395,000	\$360,000
9 PCCE #31 - Oakwood Court [ID: 1907]	Proposed	4	2021	\$170,000	\$170,000	\$170,000
10 PCCE #33 - Lyon Street [ID: 1906]	Proposed	1	2020	\$95,000	\$95,000	\$85,000
11 PCCE #34 - Forest Hill Court & Ridge Road [ID: 1905]	Proposed	4	2021	\$610,000	\$610,000	\$610,000
12 PCCE #35 - Richmond Avenue [ID: 1904]	Proposed	1	2021	\$155,000	\$155,000	\$155,000
13 Sexton Road Relief Sewer [ID: 1326]	Proposed	1	2021	\$2,543,200	\$2,543,200	
14 Stephens Park Sewer Relocation [ID: 747]	Proposed	3	2021	\$140,000	\$140,000	\$140,000
15 Upper Bear Creek Sewer Replacement [ID: 1529]	Proposed	3	2021	\$601,030	\$601,030	
15 Projects				\$14,221,481	\$14,011,481	\$4,680,000

6-10 Years						
1 B-8 Relief Sewer - Rangeline & Vandiver [ID: 794]	Proposed	1, 2 & 3	2025	\$2,250,000	\$2,250,000	\$2,250,000
2 B-9 Relief Sewer - Garth & Vandiver [ID: 795]	Proposed	2	2025	\$750,000	\$750,000	\$750,000
3 Calvert Drive Sewer Relocation - SW252 [ID: 1698]	Proposed	3	2026	\$220,000		
4 Haystack Acres Pump Station Interceptor SW230 [ID: 1304]	Proposed	Outside City	2025	\$724,045	\$700,000	
5 Little Bonne Femme Regional Pump Station [ID: 729]	Proposed	Not in City	2023	\$10,000,000	\$10,000,000	\$10,000,000
6 Lower Southwest Outfall Relief Sewer - SW261 [ID: 798]	Proposed	4	2024	\$809,320	\$809,320	\$809,320
7 PCCE #17 - Wilson Street / Ross Street SW226 [ID: 1341]	Final Design	6	2025	\$283,858	\$225,397	\$225,397
8 PCCE #38 - North Eighth Street [ID: 1903]	Proposed	1	2026	\$165,000	\$165,000	\$165,000
9 PCCE #40 - Sunset Dr, Prospect St, Crestland Ave [ID: 1902]	Proposed	4	2026	\$510,000	\$510,000	\$510,000
10 PCCE #41 - W Stewart Road & West Blvd [ID: 1901]	Proposed	4	2026	\$190,691	\$190,691	\$190,691
11 Sewer District #171 - Crites Lane - SW263 [ID: 1361]	Proposed	3	2022	\$83,388	\$72,438	\$72,438
12 Sewer District - Hillcreek Road [ID: 1370]	Proposed	5	2022	\$511,163	\$511,163	\$511,163
13 Southwest Trunk #2 Relief Sewer [ID: 799]	Proposed	4	2025	\$809,650	\$809,650	\$809,650
14 Upper Southwest Outfall Relief [ID: 800]	Proposed	1	2023	\$317,900	\$317,900	\$317,900
15 Woodstock MHP WWTP Interceptor [ID: 1526]	Proposed	6	2023	\$115,570	\$115,570	\$115,570
15 Projects				\$17,740,585	\$17,427,129	\$16,727,129

65 Total Projects

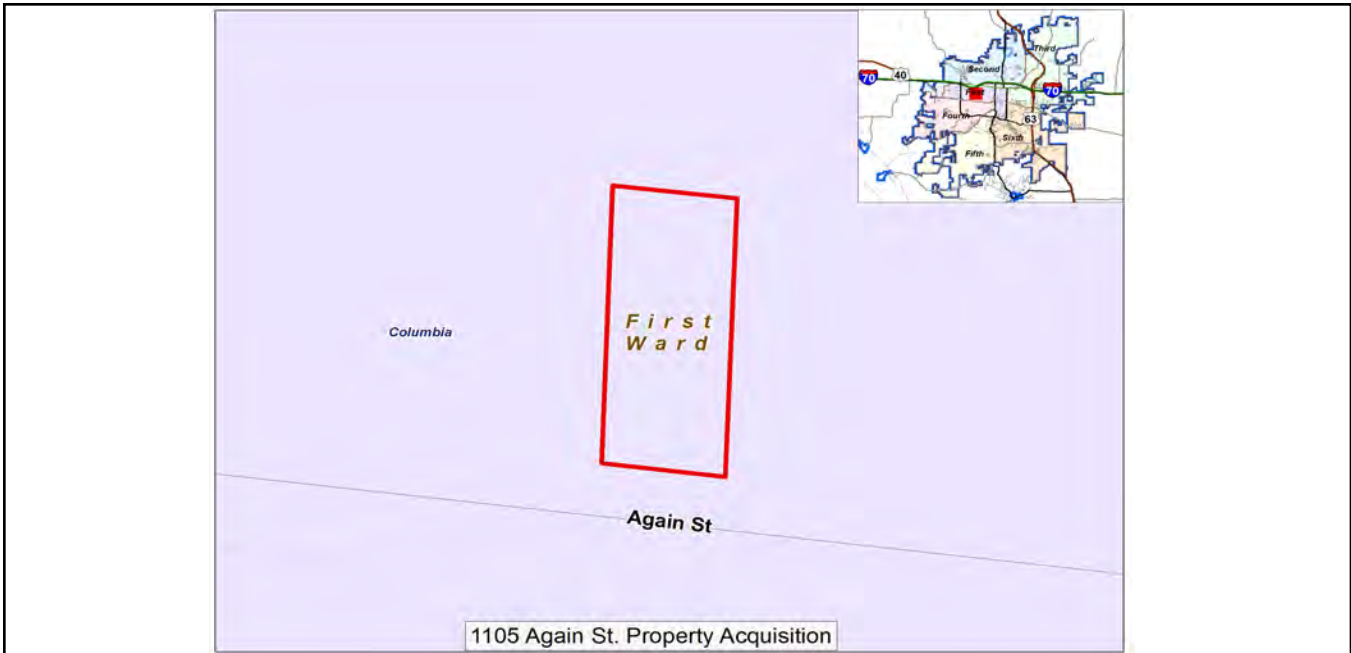
\$148,895,550 \$42,240,350 \$38,907,129

<p>Again Street 1105 Property Acquisition - SW509</p> <p>Description: Investigate acquiring the property for stormwater and sanitary sewer purposes.</p>	Ward	Begin Design	Begin Construction
	1	2016	2017
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$0
	Total Appropriated:		\$190,000
	Total City Project Cost:		\$190,000
	Est. Project Balance: 09/30/2016		\$189,600

Current Status:
Conceptual

Factors Effecting Timing/Completion of Project:
Dependent on funding and property owner interest.

<p>Eligible Funding Sources:</p> <p>Master Plan: None</p>	FY	Eligible Funding Sources	Amount



Court and Hickory Street Sewer Relocation - SW505

Description:
 Replace deteriorated 6 inch VCP sanitary sewer in Hickory and Court Streets with 8 inch PVC pipe. Replace two sewer mains under College Avenue and the COLT Railroad with a single encased sewer line. Relocated the public sewer from under an existing building.

Ward	Begin Design	Begin Construction
3	2015	2017
Eligible for Percent for Arts?		No
Current Funding Request:		\$427,793
Total Appropriated:		\$57,207
Total City Project Cost:		\$485,000
Est. Project Balance: 09/30/2016		\$50,846

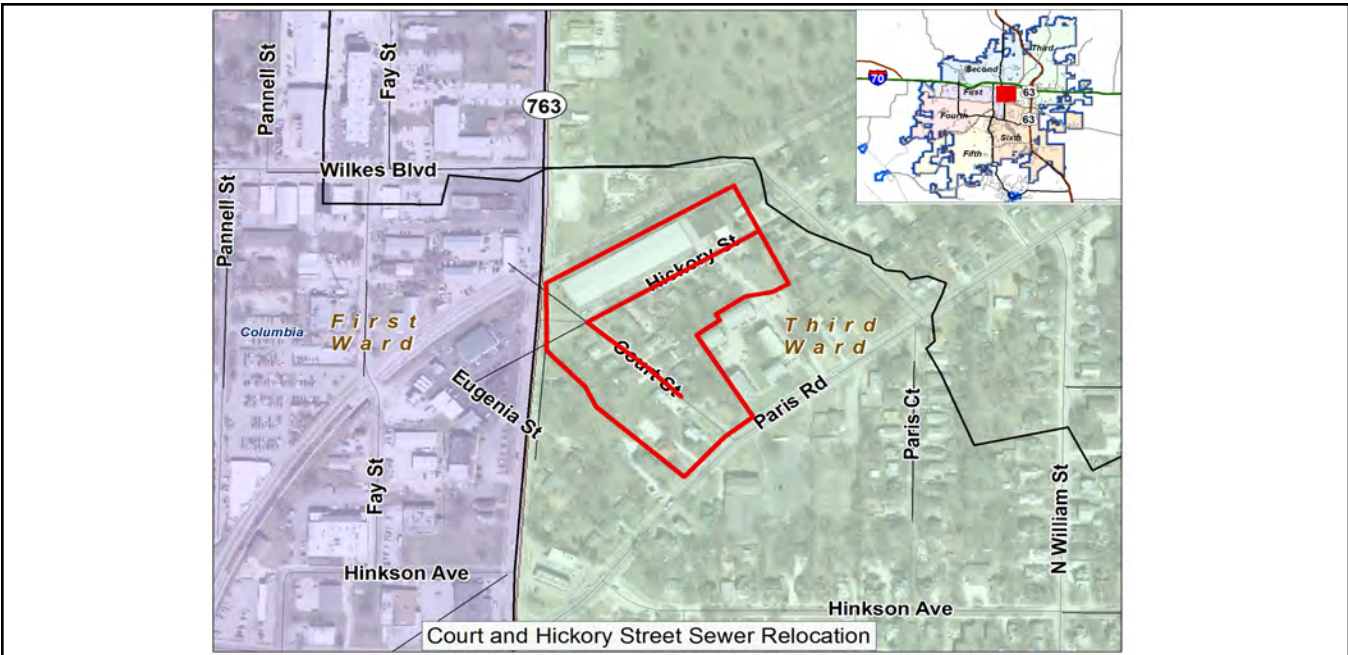
Current Status:
 6/13/16 - funding pushed back to FY 17

Factors Effecting Timing/Completion of Project:
 Funding, Easement acquisition

Eligible Funding Sources:
 Enterprise Revenue

Master Plan:
 None

FY	Eligible Funding Sources	Amount
2021	Ent Rev	\$427,793
		\$427,793



FY2016 Sewer Main Rehab	Ward	Begin Design	Begin Construction
	Varies	2017	2017
Description: This project will continue rehabilitating the public manholes and public sewer mains throughout our target basins.	Eligible for Percent for Arts?		No
	Current Funding Request:		\$0
	Total Appropriated:		\$2,000,000
	Total City Project Cost:		\$2,000,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
 10/11/16: In Construction

Factors Effecting Timing/Completion of Project:

Eligible Funding Sources: 2014 Ballot	FY	Eligible Funding Sources	Amount
	2017	PYA Ballot	\$2,000,000
			\$2,000,000
Master Plan: Yes			

Henderson Brnch Sewer :Midway Sewer Ext -SW255

Description:
Construct approximately 8,000 linear feet of Gravity Sewer along the Henderson Branch to extend sewers to the Midway area.

Ward	Begin Design	Begin Construction
Outside City	2015	2017
Eligible for Percent for Arts?		No
Current Funding Request:		\$2,928,047
Total Appropriated:		\$1,707,597
Total City Project Cost:		\$4,635,644
Est. Project Balance: 09/30/2016		\$1,404,860

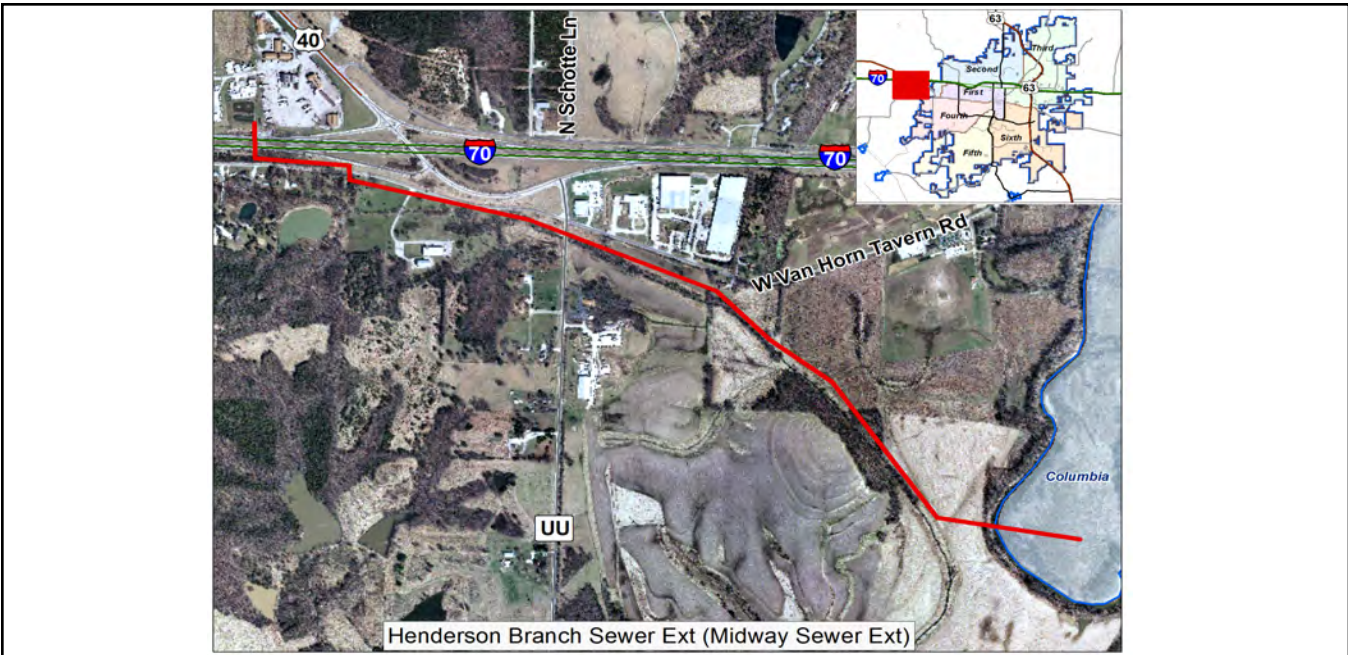
Current Status:
07/13/16 - Public Hearing tabled until Oct. 2016

Factors Effecting Timing/Completion of Project:
Funding, Growth

Eligible Funding Sources:
2014 Ballot, Ent Rev, Dev Contribution, BCRSD

Master Plan:
Sewer Master Plan

FY	Eligible Funding Sources	Amount
2017	2014 Ballot	\$2,300,000
2018	BCRSD	\$628,047
2017	Ent Rev	\$1,400,000
		<hr/>
		\$4,328,047



PCCE #16 - Bingham Rd & West Ridgeley Rd SW240

Description:
 Replace failing private common collector sewer

Ward	Begin Design	Begin Construction
5	2013	2017
Eligible for Percent for Arts?		No
Current Funding Request:		\$133,900
Total Appropriated:		\$761,100
Total City Project Cost:		\$895,000
Est. Project Balance: 09/30/2016		\$688,226

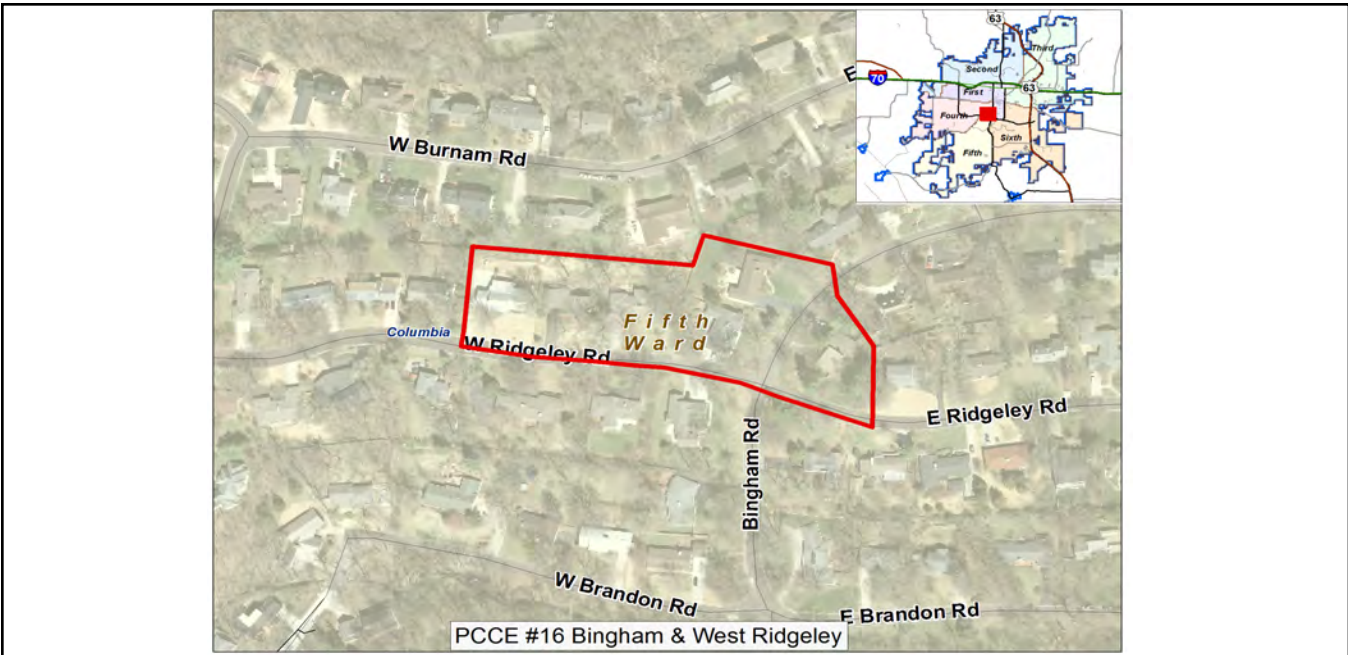
Current Status:
 01/25/16: Preliminary design

Factors Effecting Timing/Completion of Project:
 Funding and weather

Eligible Funding Sources:
 2014 Ballot

Master Plan:
 Sewer Master Plan

FY	Eligible Funding Sources	Amount
2017	2014 Ballot	\$133,900
2017	Ent Rev	\$671,043
		<hr/>
		\$804,943



PCCE #18 - Spring Valley Road SW241

Description:
 Replace failing private common collector sewer

Ward	Begin Design	Begin Construction
4	2016	2017
Eligible for Percent for Arts?		No
Current Funding Request:		\$0
Total Appropriated:		\$149,000
Total City Project Cost:		\$149,000
Est. Project Balance: 09/30/2016		\$139,309

Current Status:
 01/25/16: Preliminary design.

Factors Effecting Timing/Completion of Project:
 Funding and weather

Eligible Funding Sources:
 2008 ballot, 2014 Ballot Issue

Master Plan:
 Sewer Master Plan

FY	Eligible Funding Sources	Amount



PCCE #21 - Stanford - SW507

Description:
Eliminate private common collector along Stanford Drive.

Ward	Begin Design	Begin Construction
4	2017	2018
Eligible for Percent for Arts?		No
Current Funding Request:		\$80,000
Total Appropriated:		\$15,000
Total City Project Cost:		\$95,000
Est. Project Balance: 09/30/2016		\$15,000

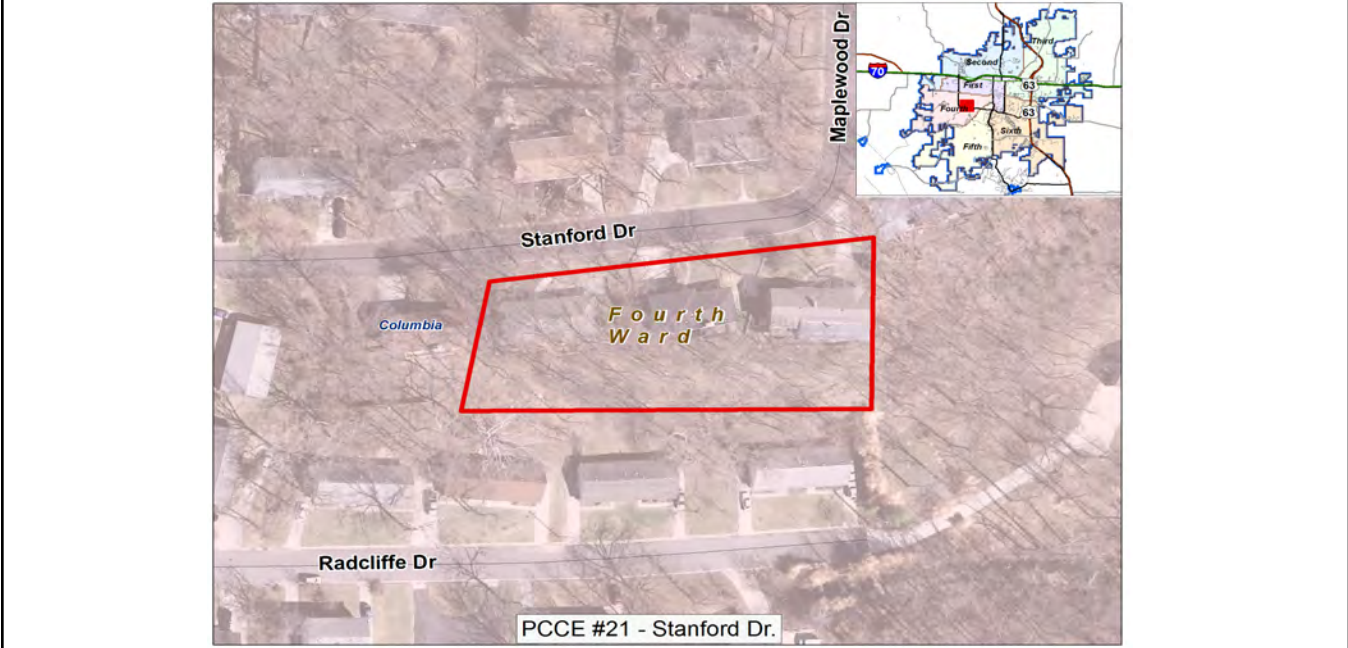
Current Status:
Proposed

Factors Effecting Timing/Completion of Project:
Funding, Easements, Weather

Eligible Funding Sources:
2013 Sewer Ballot

Master Plan:
2004 Sewer Master Plan

FY	Eligible Funding Sources	Amount
2017	Ent Rev	\$15,000
2018	Ent Rev	\$80,000
		<hr/>
		\$95,000



PCCE #22 - Shannon Place - SW502

Description:
Eliminate private common collector on Shannon Place.

Ward	Begin Design	Begin Construction
4	2016	2018
Eligible for Percent for Arts?		No
Current Funding Request:		\$100,000
Total Appropriated:		\$9,000
Total City Project Cost:		\$109,000
Est. Project Balance: 09/30/2016		\$9,000

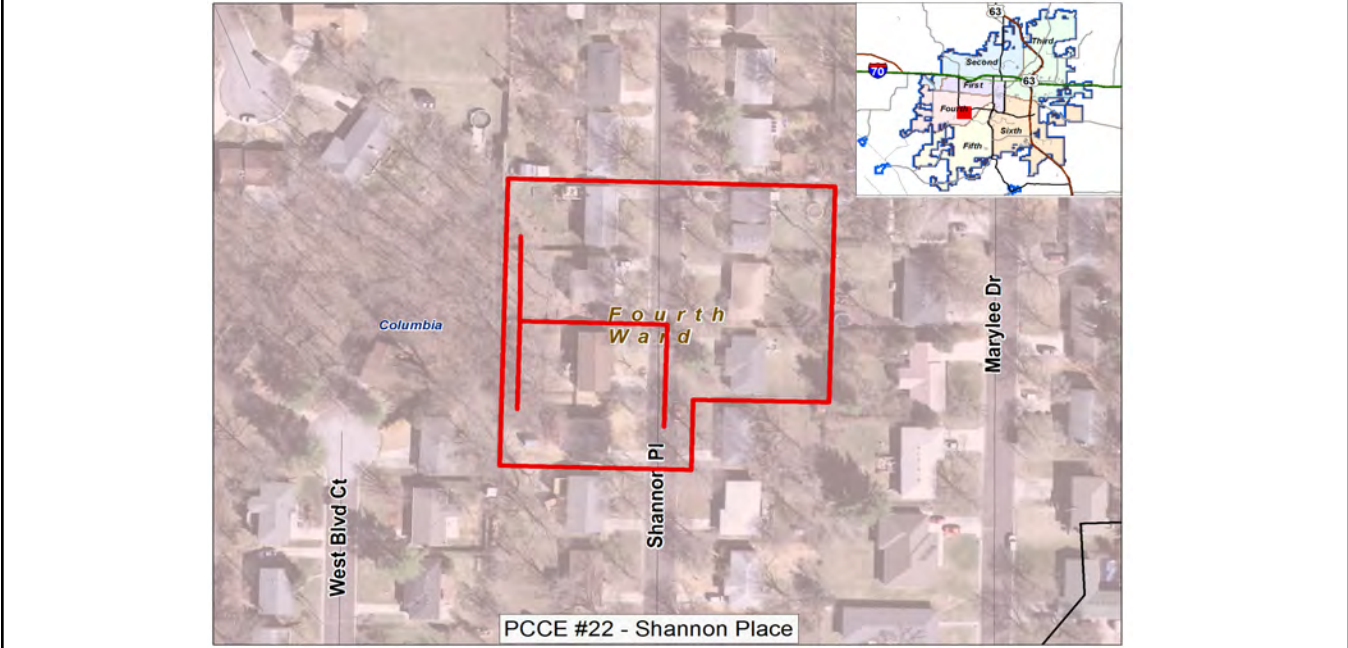
Current Status:
1/28/16: Preliminary design to begin late 2016.

Factors Effecting Timing/Completion of Project:
Funding, easements, weather

Eligible Funding Sources:
2014 ballot

Master Plan:

FY	Eligible Funding Sources	Amount
2018	2014 Ballot	\$100,000
		\$100,000

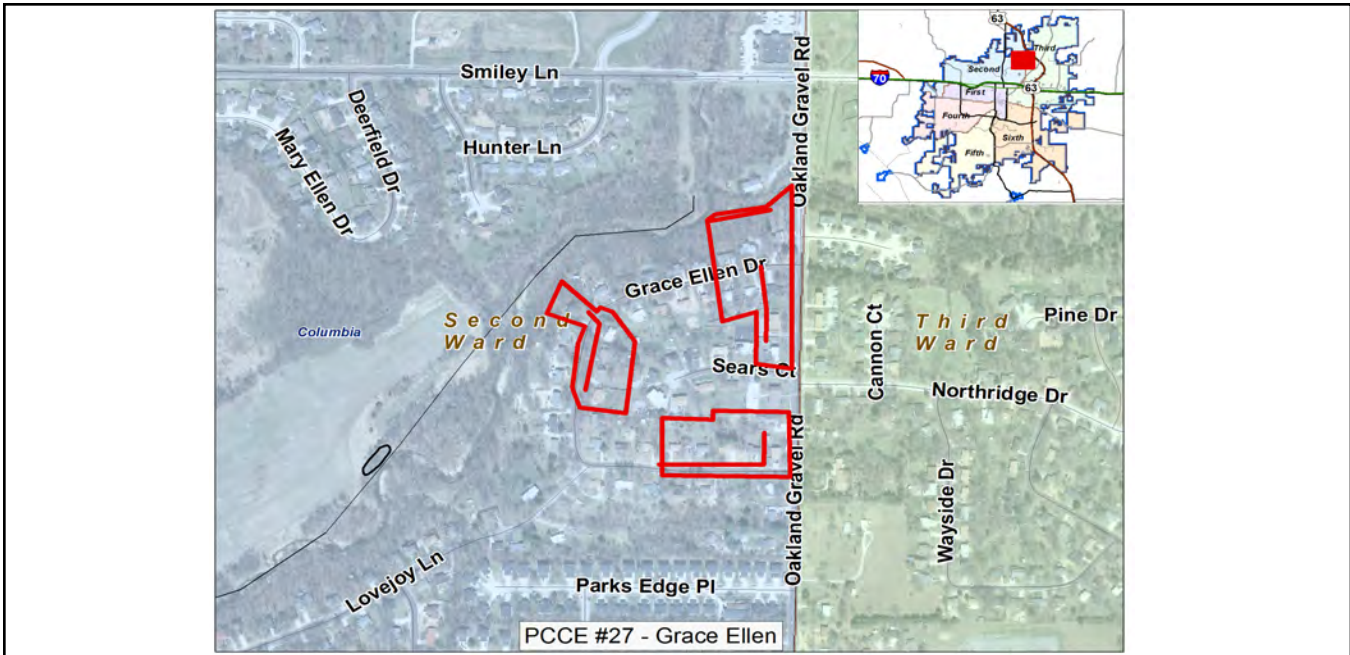


PCCE #27 - Grace Ellen - SW254 Description: Eliminate private common collector on Grace Ellen Drive	Ward	Begin Design	Begin Construction
	2	2016	2017
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$0
	Total Appropriated:		\$128,000
	Total City Project Cost:		\$128,000
	Est. Project Balance: 09/30/2016		\$105,410

Current Status:
 1/25/16: IP held 1/13/16

Factors Effecting Timing/Completion of Project:
 Funding, easements, weather

Eligible Funding Sources: 2014 Ballot Master Plan:	FY	Eligible Funding Sources	Amount



SD #172 Northland Drive - SW506

Description:
Construction of a sewer district petitioned for by owners

Ward	Begin Design	Begin Construction
2	2016	2018
Eligible for Percent for Arts?		No
Current Funding Request:		\$0
Total Appropriated:		\$250,000
Total City Project Cost:		\$250,000
Est. Project Balance: 09/30/2016		\$250,000

Current Status:
7/13/16: IP meeting held Jan 26, 2016. Since that time a proposal has been submitted to privately subdivide and develop one of the lots that petitioned for the project. Holding survey until sewer district boundary can be established.

Factors Effecting Timing/Completion of Project:
Dependent on resources available to perform design and acquire easements.

Eligible Funding Sources:
Enterprise Revenue

Master Plan:

FY	Eligible Funding Sources	Amount
2017	Ent Rev	\$225,000
		\$225,000



Upper Hinkson Creek Outfall Ext. SW213

Description:

This project will begin at the terminus of the existing Upper Hinkson Creek Outfall Sewer near Mexico Gravel Road and extend up the Hinkson Creek approximately 23,000 linear feet to Ewing Industrial Subdivision.

Ward	Begin Design	Begin Construction
3	2012	2017
Eligible for Percent for Arts?		No
Current Funding Request:		\$0
Total Appropriated:		\$9,650,174
Total City Project Cost:		\$9,650,174
Est. Project Balance: 09/30/2016		\$8,978,627

Current Status:

6/7/2016: All bids were rejected. Project will be bid next fiscal year to ensure adequate funding.

Factors Effecting Timing/Completion of Project:

Weather, funding.

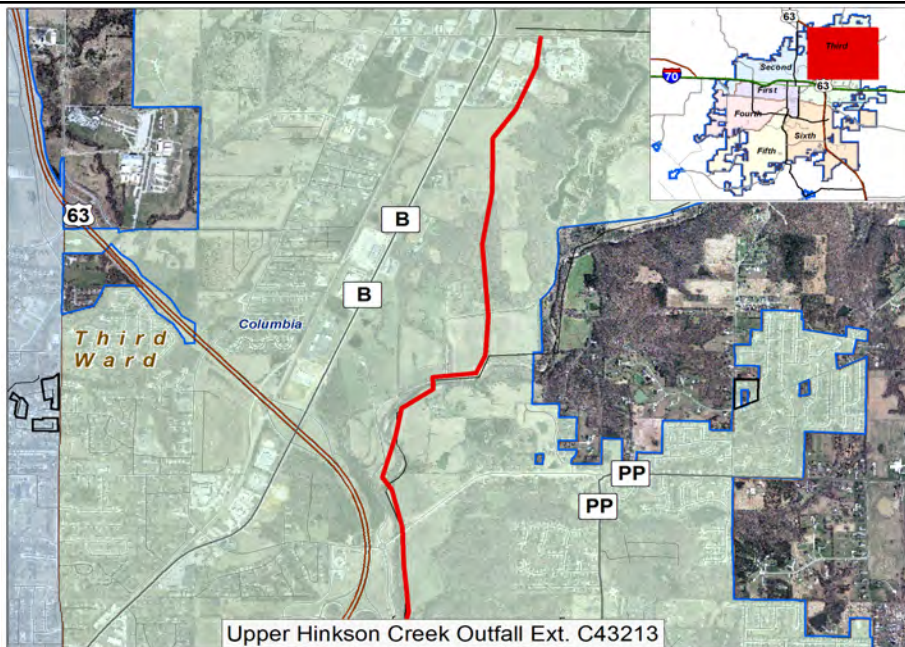
Eligible Funding Sources:

2008 Ballot

Master Plan:

Sewer Master Plan

FY	Eligible Funding Sources	Amount
2017	Ent Rev	\$2,000,000
		\$2,000,000



WWTP - Digester Complex Improvements - SW508

Description:

Project involves replacing the primary digester cover, installing a digester mixing and pumping system and installing a fats, oils and grease receiving station for the digestors.

Ward	Begin Design	Begin Construction
4	2017	2018
Eligible for Percent for Arts?		No
Current Funding Request:		\$4,450,000
Total Appropriated:		\$0
Total City Project Cost:		\$4,450,000
Est. Project Balance: 09/30/2016		\$0

Current Status:

Future project

Factors Effecting Timing/Completion of Project:

Funding

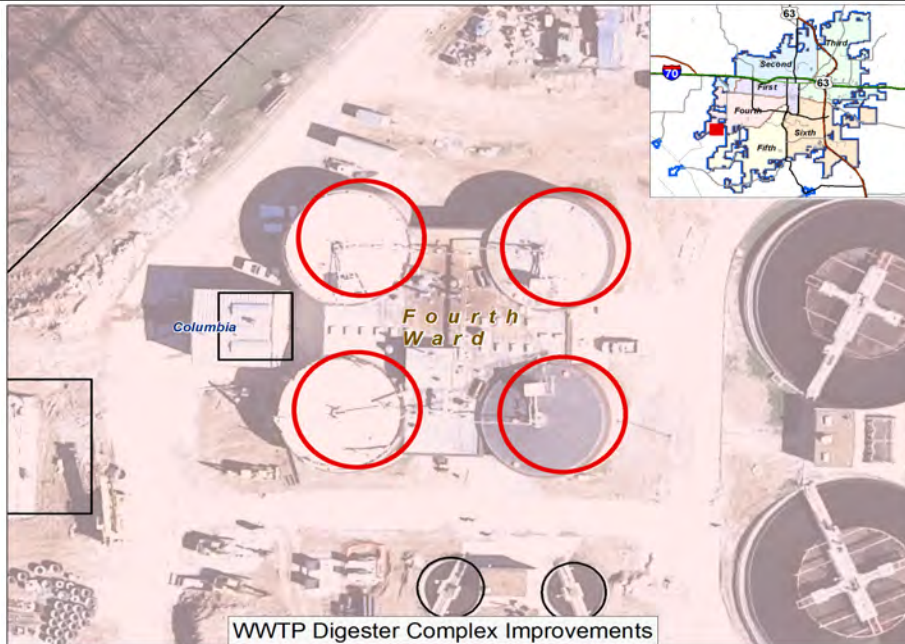
Eligible Funding Sources:

2014 ballot

Master Plan:

Sewer Master Plan

FY	Eligible Funding Sources	Amount
2017	2014 Ballot	\$450,000
2018	2014 Ballot	\$3,650,000
2018	Ent Rev	\$350,000
		<hr/>
		\$4,450,000



FBRS - 4th Street - Elm to Rogers/Broadway -SW258

Description:
Construct approximately 5,000 linear feet of relief sewers varying in size from 10 to 24 inch along 4th street between Elm & Rogers & the ally between Broadway & Ash from 4th Street to 10th Street.

Ward	Begin Design	Begin Construction
1	2018	2019
Eligible for Percent for Arts?		No
Current Funding Request:		\$3,862,251
Total Appropriated:		\$0
Total City Project Cost:		\$3,862,251
Est. Project Balance: 09/30/2016		\$0

Current Status:
Future project

Factors Effecting Timing/Completion of Project:
Weather, Easements

Eligible Funding Sources:
Enterprise Revenue, Future Ballot

Master Plan:
November 2004

FY	Eligible Funding Sources	Amount
2020	Ent Rev	\$376,018
2021	Ent Rev	\$3,486,233
		\$3,862,251



Gans Creek Pump Station Upgrade	Ward	Begin Design	Begin Construction
	6	2020	2021
	Description:		Eligible for Percent for Arts?
	Future project to increase pumping capacity of Gans Creek Pump Station		No
	Current Funding Request:		\$2,750,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$2,750,000
Est. Project Balance: 09/30/2016		\$0	

Current Status:
 Future project

Factors Effecting Timing/Completion of Project:
 Easements, Funding

Eligible Funding Sources: Future Ballot	FY	Eligible Funding Sources	Amount
	2022	Future Ballot	\$250,000
	2023	Future Ballot	\$2,500,000
			\$2,750,000
Master Plan: Sewer Master Plan			



**North Grindstone Outfall Ext. Phase III
SW214**

Description:
Interstate 70 to St. Charles Road, extend current sewer to serve upper reaches of the N. Grindstone watershed

Ward	Begin Design	Begin Construction
Outside city	2019	2019
Eligible for Percent for Arts?		No
Current Funding Request:		\$1,400,000
Total Appropriated:		\$160,000
Total City Project Cost:		\$1,560,000
Est. Project Balance: 09/30/2016		\$35,093

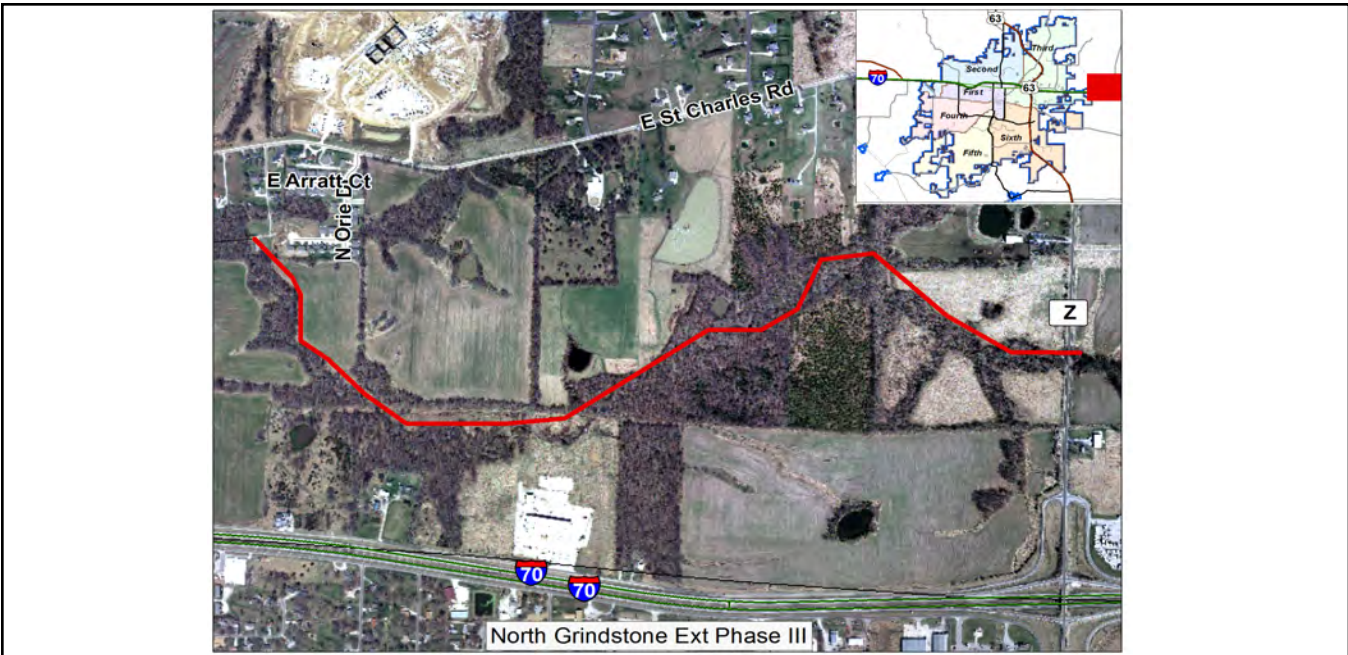
Current Status:
10/8/15: Project on hold.

Factors Effecting Timing/Completion of Project:
City growth & funding, development

Eligible Funding Sources:
2014 Ballot

Master Plan:

FY	Eligible Funding Sources	Amount
2019	2014 Ballot	\$1,140,000
2019	Ent Rev	\$260,000
		<hr/>
		\$1,400,000



PCCE #23 - Lakeshore Drive & Edgewood Ave - SW503

Description:
 Replace failing private common collector along Lakeshore Dr & Edgewood ave.

Ward	Begin Design	Begin Construction
4	2018	2019
Eligible for Percent for Arts?		No
Current Funding Request:		\$275,000
Total Appropriated:		\$0
Total City Project Cost:		\$275,000
Est. Project Balance: 09/30/2016		\$0

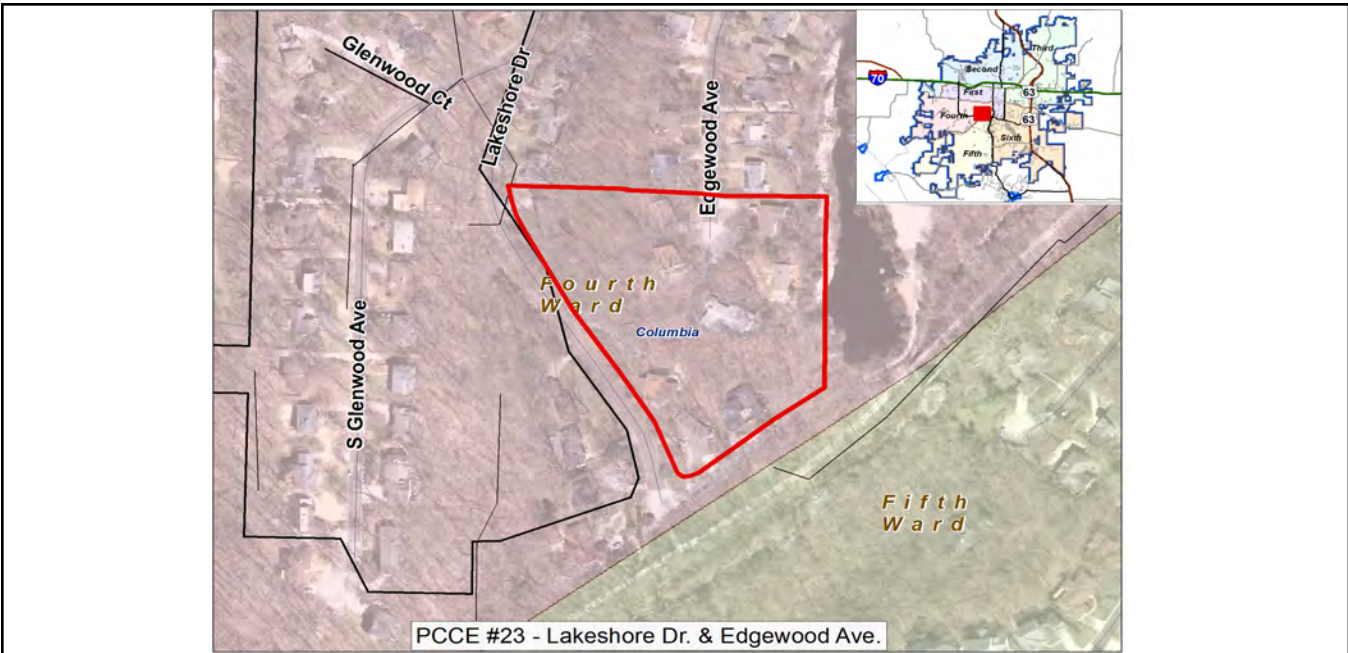
Current Status:
 Proposed

Factors Effecting Timing/Completion of Project:
 Funding, Easements, Weather

Eligible Funding Sources:
 2013 Sewer Ballot

Master Plan:
 2004 Sewer Master Plan

FY	Eligible Funding Sources	Amount
2018	Ent Rev	\$25,000
2019	Ent Rev	\$250,000
		<u>\$275,000</u>



PCCE #25 - Glenwood & Redbud - SW504

Description:
Eliminate private common collector on S Glenwood Avenue and Redbud Lane.

Ward	Begin Design	Begin Construction
4	2017	2019
Eligible for Percent for Arts?		No
Current Funding Request:		\$560,000
Total Appropriated:		\$50,000
Total City Project Cost:		\$610,000
Est. Project Balance: 09/30/2016		\$50,000

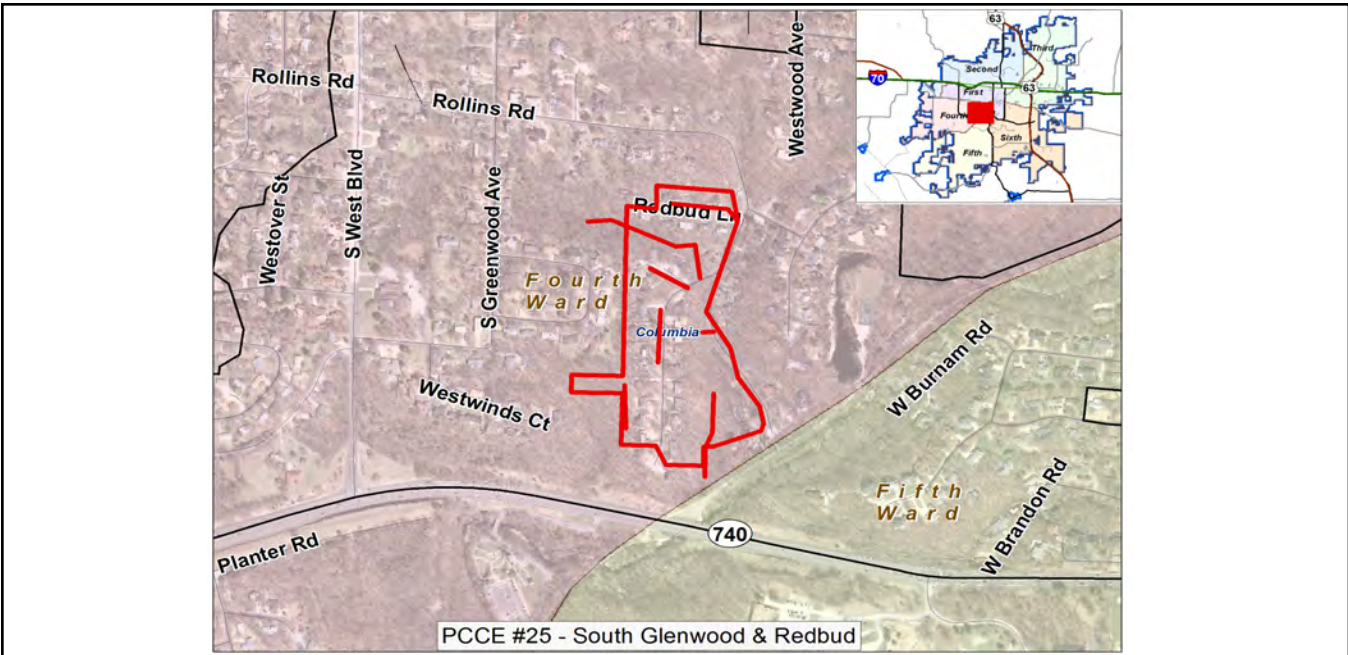
Current Status:
Future project, petition on file

Factors Effecting Timing/Completion of Project:
Funding, easements, weather

Eligible Funding Sources:
2014 ballot

Master Plan:

FY	Eligible Funding Sources	Amount
2019	2014 Ballot	\$327,200
2019	Ent Rev	\$232,800
		<hr/>
		\$560,000

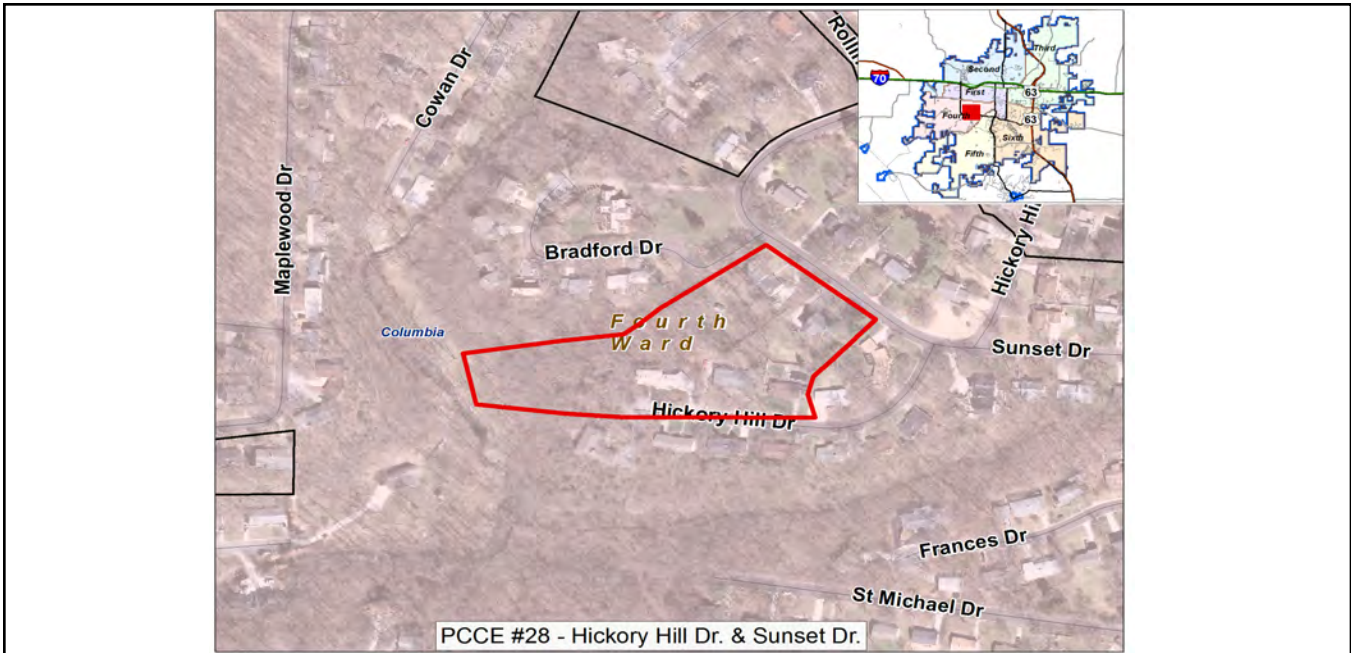


PCCE #28 - Hickory Hill Drive & Sunset Drive Description: Replace failing private common collector along Hickory Hill Drive & Sunset Drive.	Ward	Begin Design	Begin Construction
	4	2019	2020
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$180,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$180,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
Proposed

Factors Effecting Timing/Completion of Project:
Funding, Easements, Weather

Eligible Funding Sources: Future Ballot Master Plan: 2004 Sewer Master Plan	FY	Eligible Funding Sources	Amount
	2019	Ent Rev	\$20,000
	2020	Future Ballot	\$160,000
			\$180,000



PCCE #29 - East Sunset Lane

Description:
 Replace failing private common collector along East Sunset lane & West Broadway.

Ward	Begin Design	Begin Construction
4	2019	2020
Eligible for Percent for Arts?		No
Current Funding Request:		\$275,000
Total Appropriated:		\$0
Total City Project Cost:		\$275,000
Est. Project Balance: 09/30/2016		\$0

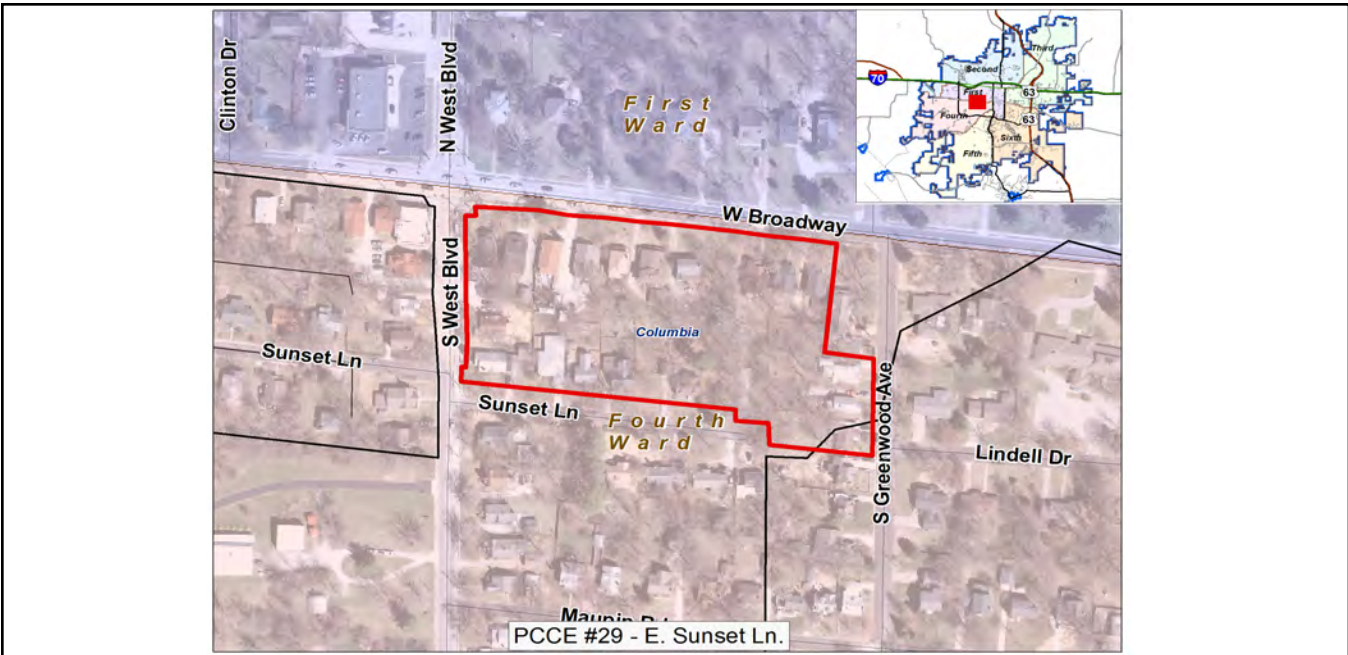
Current Status:
 Proposed

Factors Effecting Timing/Completion of Project:
 Funding, Easements, Weather

Eligible Funding Sources:
 Future Ballot

Master Plan:
 2004 Sewer Master Plan

FY	Eligible Funding Sources	Amount
2019	Ent Rev	\$25,000
2020	Future Ballot	\$250,000
		<u>\$275,000</u>

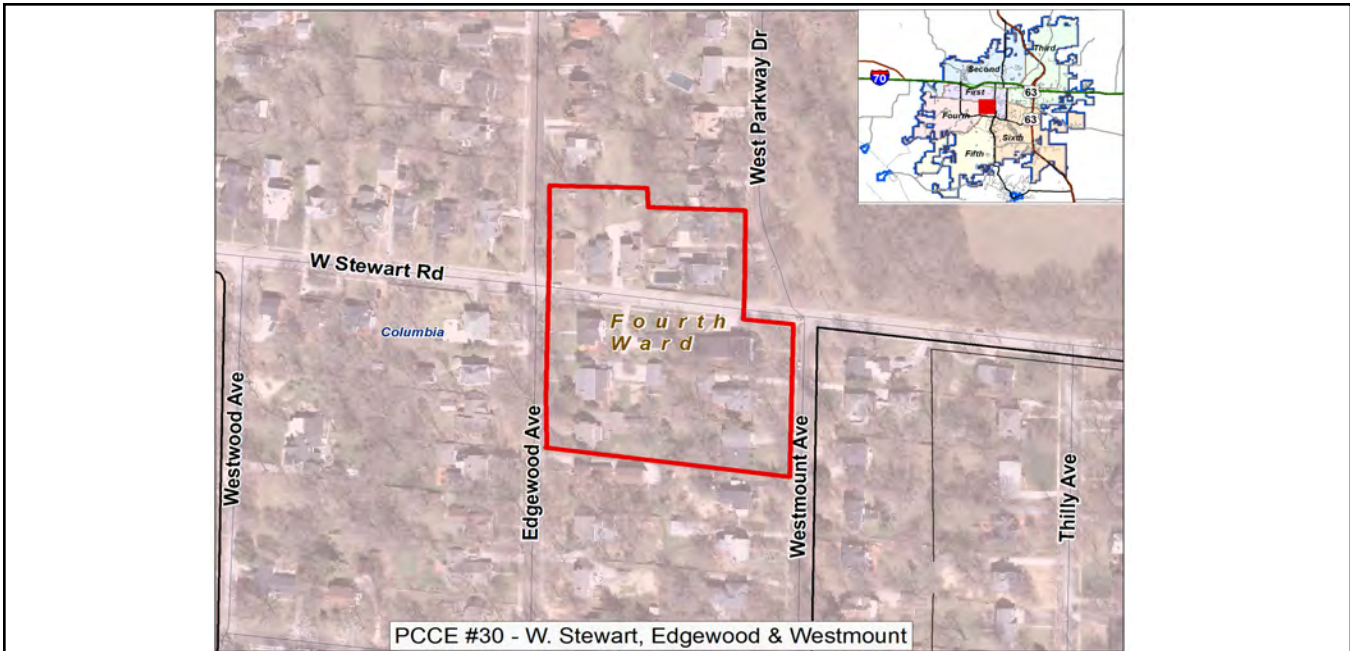


PCCE #30 - West Stewart, Edgewood, Westmount ave Description: Replace failing private common collector between Edgewood Ave & Westmount Ave.	Ward	Begin Design	Begin Construction
	4	2019	2020
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$395,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$395,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
Proposed

Factors Effecting Timing/Completion of Project:
Funding, Easements, Weather

Eligible Funding Sources: Future Ballot Master Plan: 2004 Sewer Master Plan	FY	Eligible Funding Sources	Amount
	2019	Ent Rev	\$35,000
	2020	Future Ballot	\$360,000
			\$395,000



PCCE #31 - Oakwood Court

Description:
 Replace failing private common collector on Oakwood court.

Ward	Begin Design	Begin Construction
4	2020	2021
Eligible for Percent for Arts?		No
Current Funding Request:		\$170,000
Total Appropriated:		\$0
Total City Project Cost:		\$170,000
Est. Project Balance: 09/30/2016		\$0

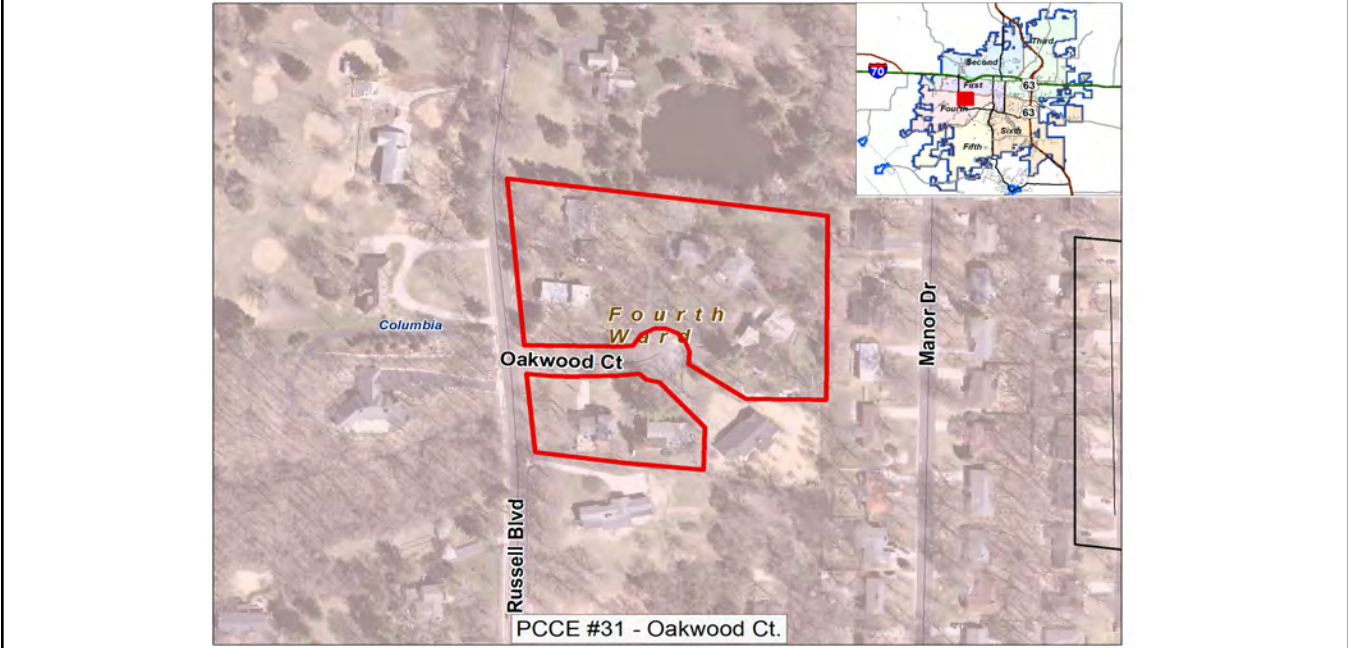
Current Status:
 Proposed

Factors Effecting Timing/Completion of Project:
 Funding, Easements, Weather

Eligible Funding Sources:
 Future Ballot

Master Plan:
 2004 Sewer Master Plan

FY	Eligible Funding Sources	Amount
2020	Future Ballot	\$20,000
2021	Future Ballot	\$150,000
		<u>\$170,000</u>



PCCE #33 - Lyon Street

Description:
 Replace failing private common collector along Lyon & North Eighth Street.

Ward	Begin Design	Begin Construction
1	2019	2020
Eligible for Percent for Arts?		No
Current Funding Request:		\$95,000
Total Appropriated:		\$0
Total City Project Cost:		\$95,000
Est. Project Balance: 09/30/2016		\$0

Current Status:
 Proposed

Factors Effecting Timing/Completion of Project:
 Funding, Easements, Weather

Eligible Funding Sources:
 Future Ballot

Master Plan:
 2004 Sewer Master Plan

FY	Eligible Funding Sources	Amount
2019	Ent Rev	\$10,000
2020	Future Ballot	\$85,000
		<hr/>
		\$95,000



PCCE #34 - Forest Hill Court & Ridge Road

Description:
 Replace Failing private common collector along Forest Hill Court.

Ward	Begin Design	Begin Construction
4	2020	2021
Eligible for Percent for Arts?		No
Current Funding Request:		\$610,000
Total Appropriated:		\$0
Total City Project Cost:		\$610,000
Est. Project Balance: 09/30/2016		\$0

Current Status:
 Proposed

Factors Effecting Timing/Completion of Project:
 Funding, Easements, Weather

Eligible Funding Sources:
 Future Ballot

Master Plan:
 2004 Sewer Master Plan

FY	Eligible Funding Sources	Amount
2020	Future Ballot	\$60,000
2021	Future Ballot	\$550,000
		<hr/>
		\$610,000



PCCE #35 - Richmond Avenue

Description:
 Replace failing private common collector between Richmond and Tiger Avenue.

Ward	Begin Design	Begin Construction
1	2020	2021
Eligible for Percent for Arts?		No
Current Funding Request:		\$155,000
Total Appropriated:		\$0
Total City Project Cost:		\$155,000
Est. Project Balance: 09/30/2016		\$0

Current Status:
 Proposed

Factors Effecting Timing/Completion of Project:
 Funding, Easements, Weather

Eligible Funding Sources:
 Future Ballot

Master Plan:
 2004 Sewer master plan

FY	Eligible Funding Sources	Amount
2020	Future Ballot	\$15,000
2021	Future Ballot	\$140,000
		<hr/>
		\$155,000



Sexton Road Relief Sewer

Description:
Relief sewer to replace existing 12" VCP with 18" PVC. Project will reduce I & I and eliminate basement backups.

Ward	Begin Design	Begin Construction
1	2020	2021
Eligible for Percent for Arts?		No
Current Funding Request:		\$2,543,200
Total Appropriated:		\$0
Total City Project Cost:		\$2,543,200
Est. Project Balance: 09/30/2016		\$0

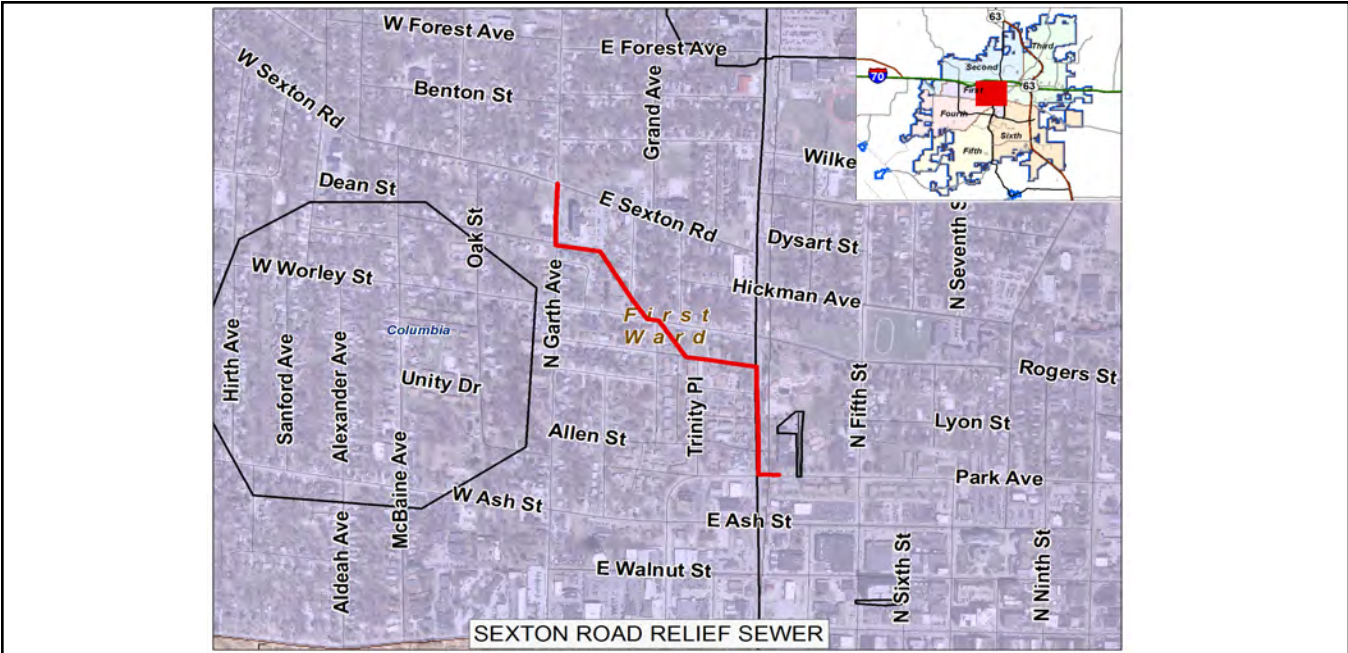
Current Status:
Future Project

Factors Effecting Timing/Completion of Project:
Funding, Easements

Eligible Funding Sources:
Future Ballot

Master Plan:
Sewer Master Plan

FY	Eligible Funding Sources	Amount



Stephens Park Sewer Relocation Description: Relocate existng sewer to eliminate aerial crossing on Hinkson Creek	Ward	Begin Design	Begin Construction
	3	2020	2021
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$140,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$140,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
 Future project

Factors Effecting Timing/Completion of Project:
 funding, easements

Eligible Funding Sources: Future Ballot Master Plan:	FY	Eligible Funding Sources	Amount
	2020	Future Ballot	\$20,000
	2021	Future Ballot	\$120,000
			\$140,000



Upper Bear Creek Sewer Replacement

Description:
 This proposed project involves replacing 2,500 feet of 8-inch to 12-inch sewer with 15-inch to 18-inch sewer. The existing smaller sewer lines were constructed as part of a local private development along the main stem of the Bear Creek and are no longer sized large enough to serve the entire upstream areas.

Ward	Begin Design	Begin Construction
3	2020	2021
Eligible for Percent for Arts?		No
Current Funding Request:		\$601,030
Total Appropriated:		\$0
Total City Project Cost:		\$601,030
Est. Project Balance: 09/30/2016		\$0

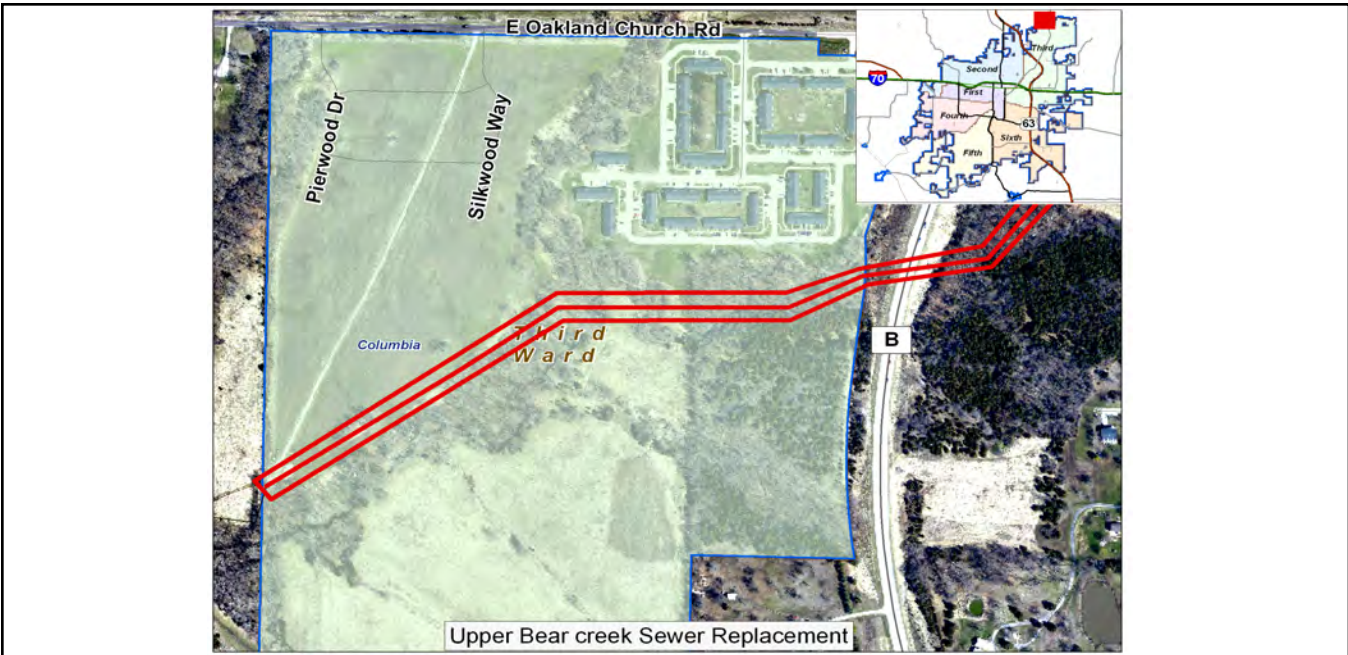
Current Status:
 Future project

Factors Effecting Timing/Completion of Project:
 Easements, Funding and Weather

Eligible Funding Sources:
 Enterprise Revenue

Master Plan:
 2004 Sewer Master Plan

FY	Eligible Funding Sources	Amount
2020	Ent Rev	\$56,300
2021	Ent Rev	\$544,730
		<hr/>
		\$601,030

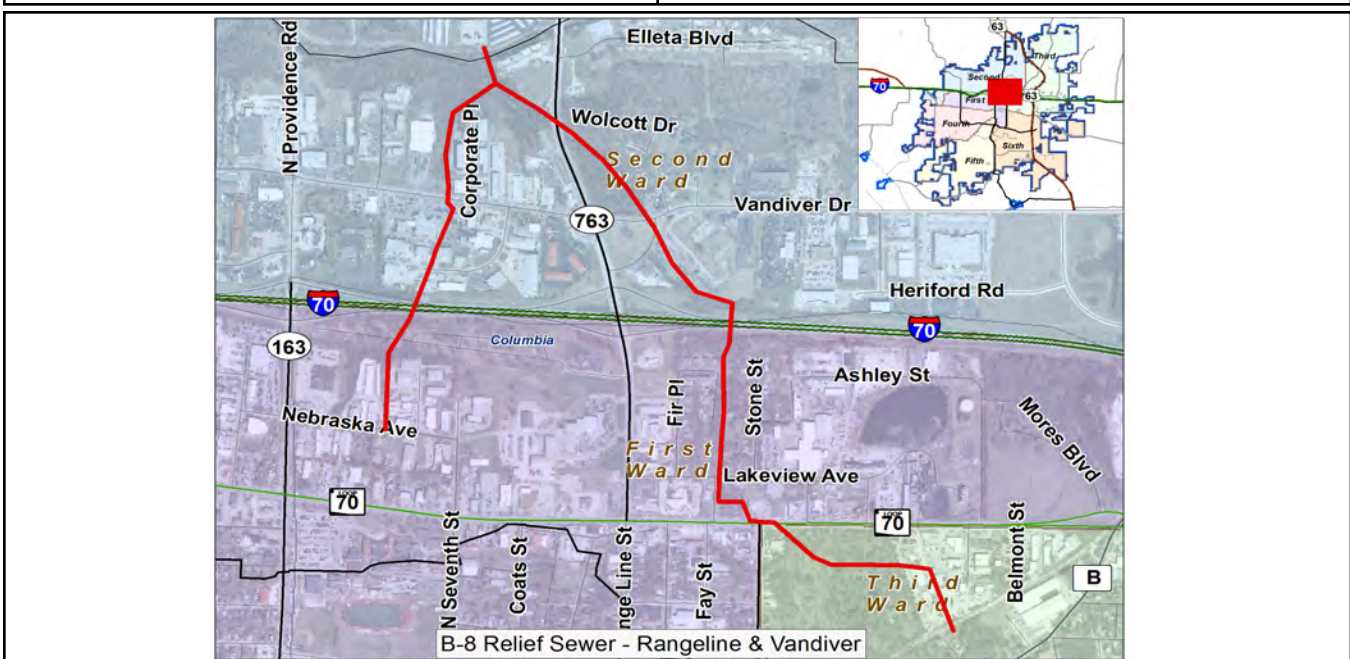


B-8 Relief Sewer - Rangeline & Vandiver Description: Construct 10,000 feet of gravity relief sewer, intersection of Rangeline and Vandiver.	Ward	Begin Design	Begin Construction
	1, 2 & 3	2024	2025
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$2,250,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$2,250,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
 Future project

Factors Effecting Timing/Completion of Project:
 funding, easements

Eligible Funding Sources: Future ballot	FY	Eligible Funding Sources	Amount
	2024	Future Ballot	\$250,000
	2025	Future Ballot	\$2,000,000
			\$2,250,000
Master Plan: Sewer master plan			

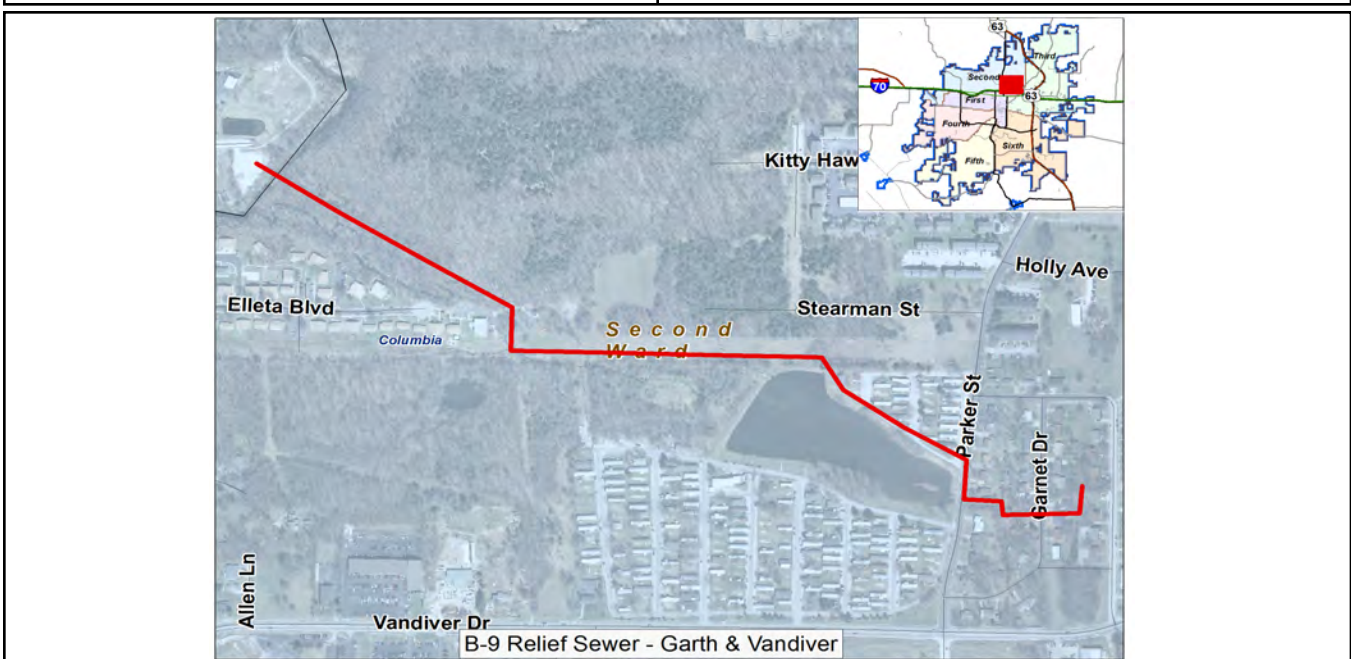


B-9 Relief Sewer - Garth & Vandiver	Ward	Begin Design	Begin Construction
	2	2024	2025
	Description:		Eligible for Percent for Arts?
	Construct 4,000 feet of relief sewer, intersection of Garth and Vandiver		No
	Current Funding Request:		\$750,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$750,000
Est. Project Balance: 09/30/2016		\$0	

Current Status:
Future project

Factors Effecting Timing/Completion of Project:
funding, easements

Eligible Funding Sources: Future ballot	FY	Eligible Funding Sources	Amount
	2024	Future Ballot	\$75,000
	2025	Future Ballot	\$675,000
			\$750,000
Master Plan: Sewer master plan			

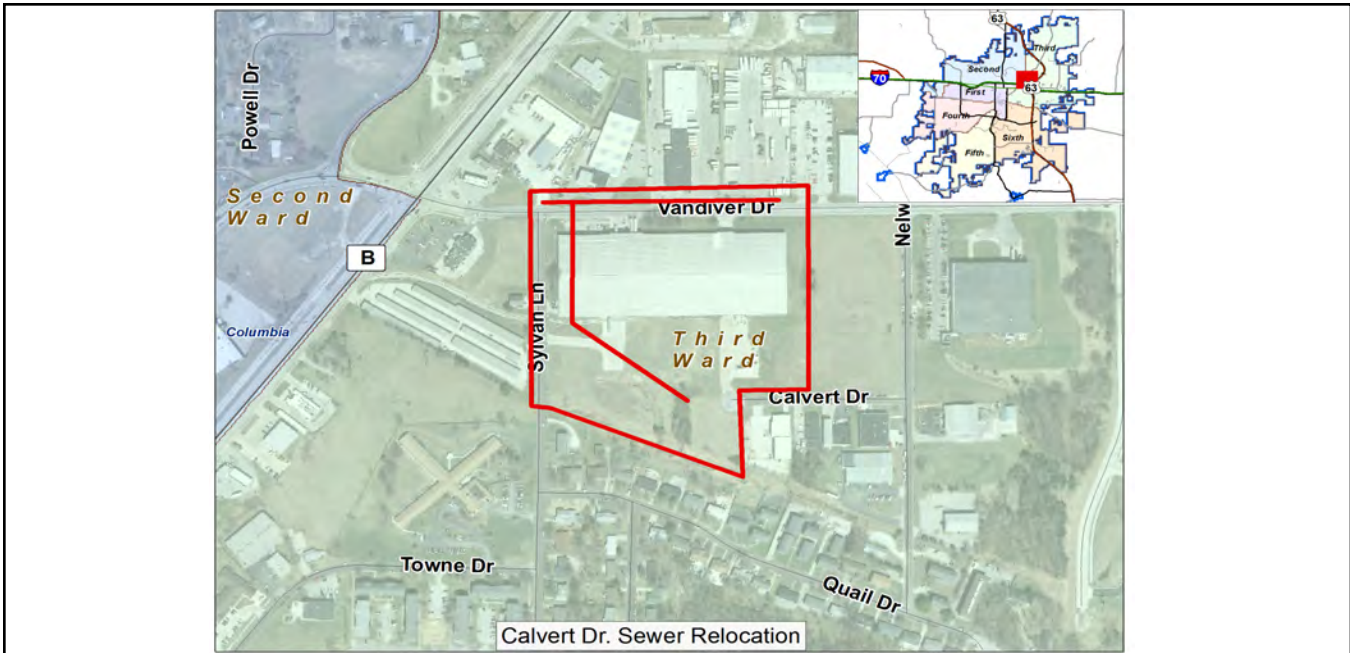


<p>Calvert Drive Sewer Relocation - SW252</p> <p>Description: Relocate a sanitary sewer that goes under a building. Coordinate with storm water project (Vandiver/Sylvan)</p>	Ward	Begin Design	Begin Construction
	3	2025	2026
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$0
	Total Appropriated:		\$220,000
	Total City Project Cost:		\$220,000
	Est. Project Balance: 09/30/2016		\$220,000

Current Status:
Future project. Dependent on stormwater project.

Factors Effecting Timing/Completion of Project:
Funding, easements, weather, stormwater project.

<p>Eligible Funding Sources: 2014 Ballot</p> <p>Master Plan:</p>	FY	Eligible Funding Sources	Amount



Haystack Acres Pump Station Interceptor SW230

Description:
Project involves constructing approximately 4,000 linear feet of gravity sewer to eliminate 2 existing City owned pumped stations.

Ward	Begin Design	Begin Construction
Outside City	2024	2025
Eligible for Percent for Arts?		No
Current Funding Request:		\$700,000
Total Appropriated:		\$24,045
Total City Project Cost:		\$724,045
Est. Project Balance: 09/30/2016		\$1

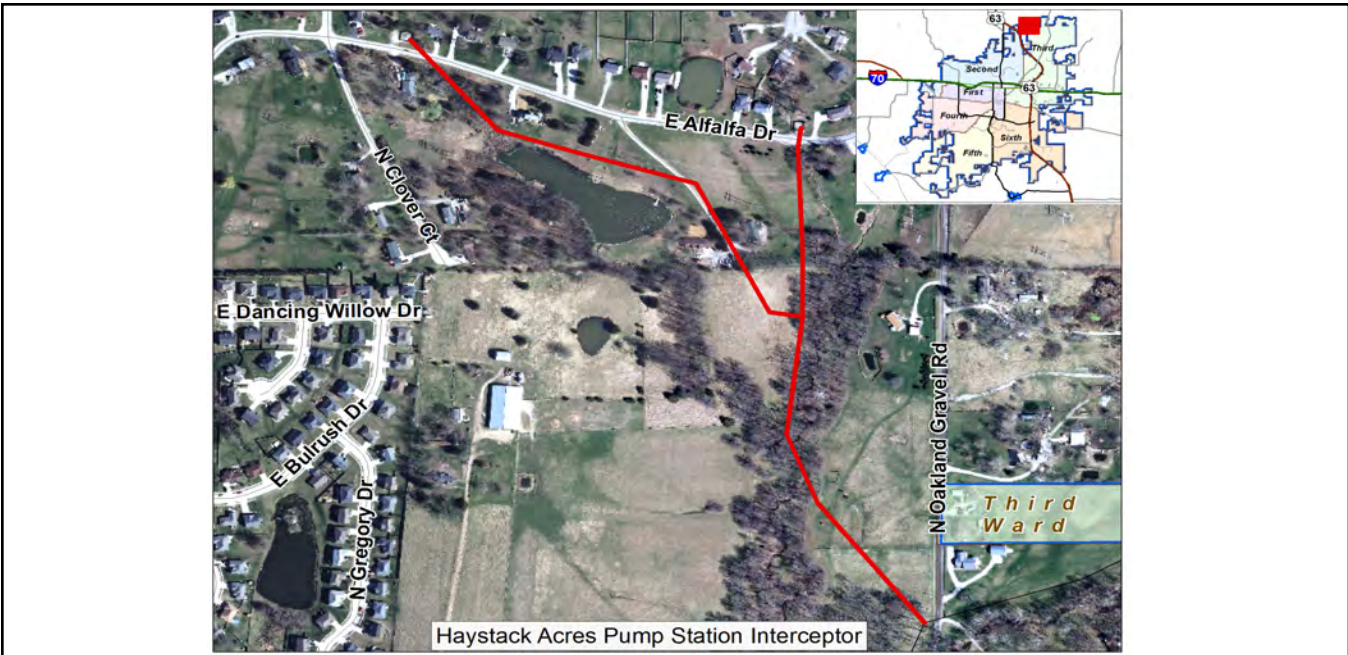
Current Status:
5/13/16: Future project to be designed and constructed as development warrants.

Factors Effecting Timing/Completion of Project:
Funding and Easements

Eligible Funding Sources:
Enterprise Revenue

Master Plan:
Sewer Master Plan

FY	Eligible Funding Sources	Amount
2024	Ent Rev	\$700,000
		\$700,000

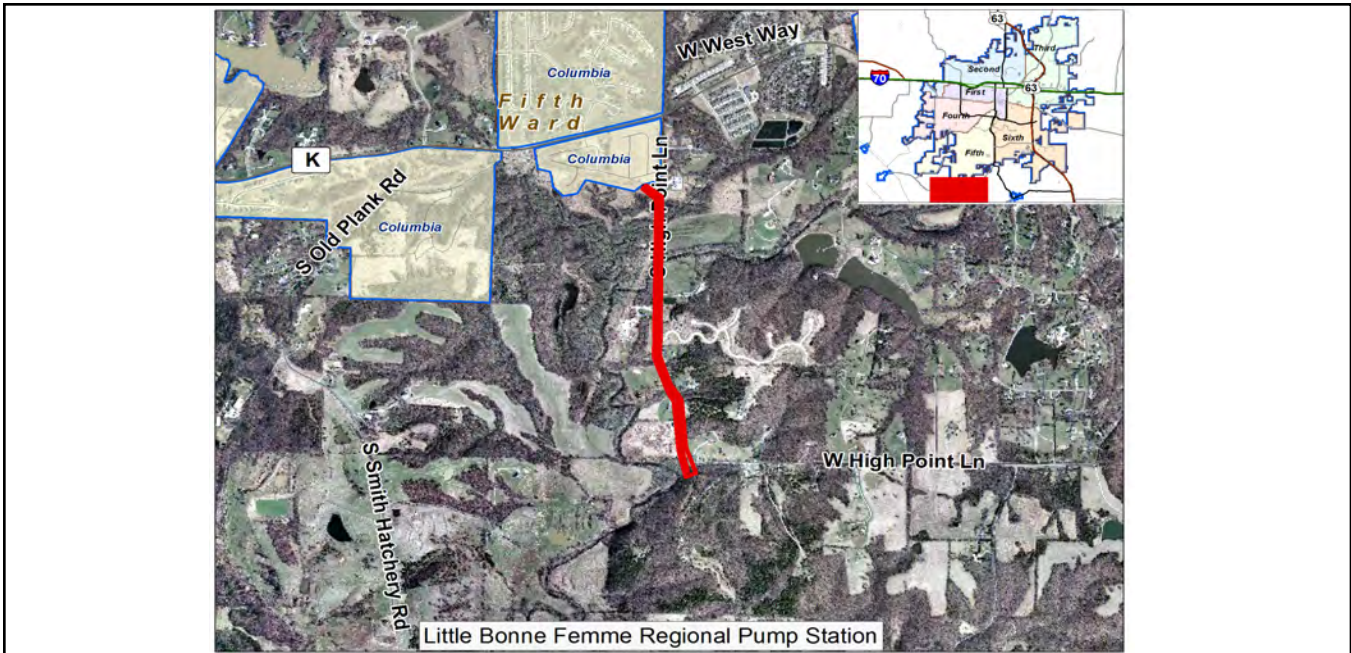


<p>Little Bonne Femme Regional Pump Station</p> <p>Description: Construct regional pump station for LBF watershed.</p>	<table border="1"> <thead> <tr> <th>Ward</th> <th>Begin Design</th> <th>Begin Construction</th> </tr> </thead> <tbody> <tr> <td>Not in City</td> <td>2021</td> <td>2023</td> </tr> </tbody> </table>	Ward	Begin Design	Begin Construction	Not in City	2021	2023
	Ward	Begin Design	Begin Construction				
	Not in City	2021	2023				
	<p>Eligible for Percent for Arts? No</p>						
	<p>Current Funding Request: \$10,000,000</p>						
	<p>Total Appropriated: \$0</p>						
	<p>Total City Project Cost: \$10,000,000</p>						
<p>Est. Project Balance: 09/30/2016 \$0</p>							

Current Status:
Future project

Factors Effecting Timing/Completion of Project:
City growth and funding, development

<p>Eligible Funding Sources: future ballot</p>	<table border="1"> <thead> <tr> <th>FY</th> <th>Eligible Funding Sources</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>2021</td> <td>Future Ballot</td> <td>\$1,000,000</td> </tr> <tr> <td>2023</td> <td>Future Ballot</td> <td>\$9,000,000</td> </tr> <tr> <td colspan="2"></td> <td><hr/></td> </tr> <tr> <td colspan="2"></td> <td>\$10,000,000</td> </tr> </tbody> </table>	FY	Eligible Funding Sources	Amount	2021	Future Ballot	\$1,000,000	2023	Future Ballot	\$9,000,000			<hr/>			\$10,000,000
	FY	Eligible Funding Sources	Amount													
2021	Future Ballot	\$1,000,000														
2023	Future Ballot	\$9,000,000														
		<hr/>														
		\$10,000,000														
<p>Master Plan:</p>																

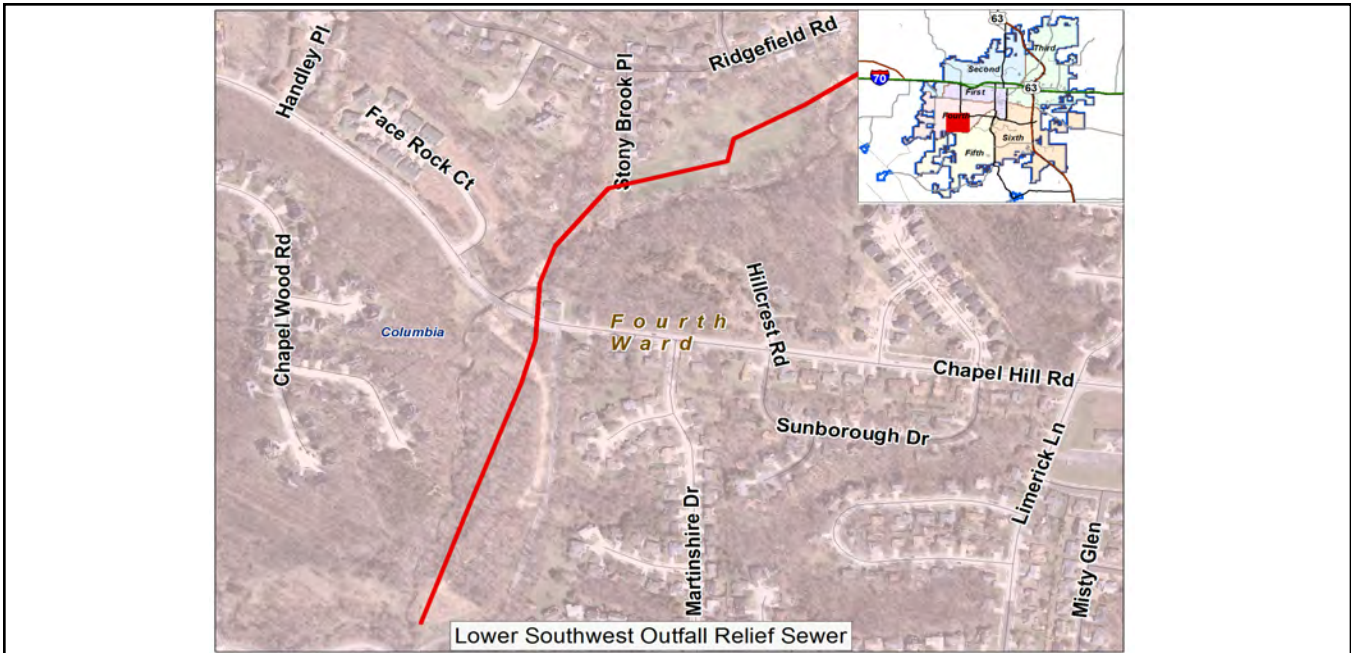


Lower Southwest Outfall Relief Sewer - SW261 Description: Construct 4,000 feet of gravity relief sewer, along County House Branch from Chapel Hill to Ridgemont	Ward	Begin Design	Begin Construction
	4	2023	2024
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$809,320
	Total Appropriated:		\$0
	Total City Project Cost:		\$809,320
	Est. Project Balance: 09/30/2016		\$0

Current Status:
 Future project

Factors Effecting Timing/Completion of Project:
 funding, easements

Eligible Funding Sources: Future ballot issue Master Plan: Sewer master plan	FY	Eligible Funding Sources	Amount
	2023	Future Ballot	\$67,560
	2024	Future Ballot	\$741,760
			\$809,320



PCCE #17 - Wilson Street / Ross Street SW226 Description: Replace failing Private Common Collector Sewers	Ward	Begin Design	Begin Construction
	6	2025	2025
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$225,397
	Total Appropriated:		\$58,461
	Total City Project Cost:		\$283,858
	Est. Project Balance: 09/30/2016		\$0

Current Status:
 Project is on hold until easements can be acquired.

Factors Effecting Timing/Completion of Project:
 Funding and weather

Eligible Funding Sources: 2008 Ballot & Enterprise Revenue Master Plan:	FY	Eligible Funding Sources	Amount
	2025	Future Ballot	\$225,397
			\$225,397



PCCE #38 - North Eighth Street Description: Replace failing private common collector along North Eighth Street.	Ward	Begin Design	Begin Construction
	1	2025	2026
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$165,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$165,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
Proposed

Factors Effecting Timing/Completion of Project:
Funding, Easements, Weather

Eligible Funding Sources: Future Ballot Master Plan: 2004 Sewer master plan	FY	Eligible Funding Sources	Amount
	2025	Future Ballot	\$15,000
	2026	Future Ballot	\$150,000
			\$165,000

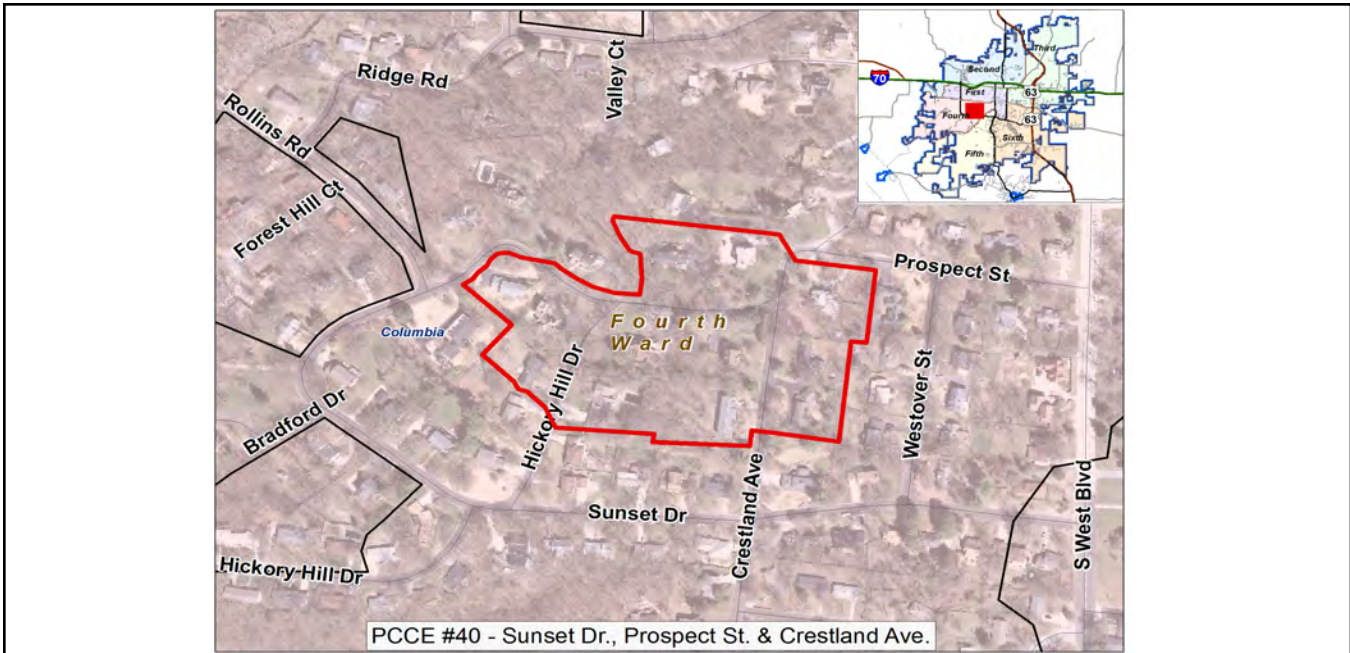


PCCE #40 - Sunset Dr, Prospect St, Crestland Ave Description: Replace failing private common collector along Sunset Drive and Crestland Avenue.	Ward	Begin Design	Begin Construction
	4	2025	2026
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$510,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$510,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
Proposed

Factors Effecting Timing/Completion of Project:
Funding, Easements, Weather

Eligible Funding Sources: Future Ballot Master Plan: 2004 Sewer Master Plan	FY	Eligible Funding Sources	Amount
	2025	Future Ballot	\$45,000
	2026	Future Ballot	\$465,000
			\$510,000

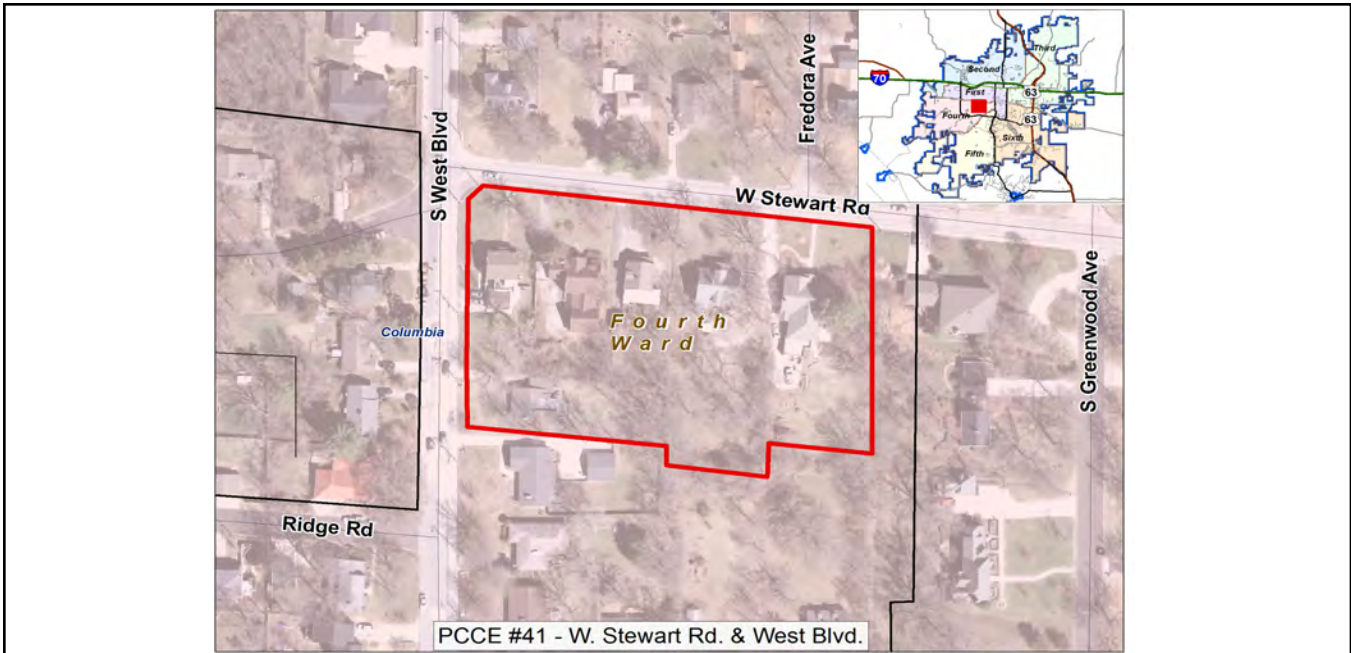


PCCE #41 - W Stewart Road & West Blvd Description: Replace failing private common collector at West Stewart and South West Blvd	Ward	Begin Design	Begin Construction
	4	2025	2026
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$190,691
	Total Appropriated:		\$0
	Total City Project Cost:		\$190,691
	Est. Project Balance: 09/30/2016		\$0

Current Status:
Proposed

Factors Effecting Timing/Completion of Project:
Funding, easements and weather

Eligible Funding Sources: Future Ballot Master Plan: 2004 Sewer Master Plan	FY	Eligible Funding Sources	Amount
	2025	Future Ballot	\$18,579
	2026	Future Ballot	\$172,112
			\$190,691



Sewer District #171 - Crites Lane - SW263	Ward	Begin Design	Begin Construction
	3	2020	2022
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$72,438
	Total Appropriated:		\$10,950
	Total City Project Cost:		\$83,388
	Est. Project Balance: 09/30/2016		\$10,950

Current Status:
 Future project

Factors Effecting Timing/Completion of Project:
 Weather & additional funding if needed

Eligible Funding Sources: Future Ballot	FY	Eligible Funding Sources	Amount
	2021	Future Ballot	\$72,438
			\$72,438
Master Plan: Yes, 2004			



Sewer District - Hillcreek Road

Description:
 Replace failing on-site sewer

Ward	Begin Design	Begin Construction
5	2021	2022
Eligible for Percent for Arts?		No
Current Funding Request:		\$511,163
Total Appropriated:		\$0
Total City Project Cost:		\$511,163
Est. Project Balance: 09/30/2016		\$0

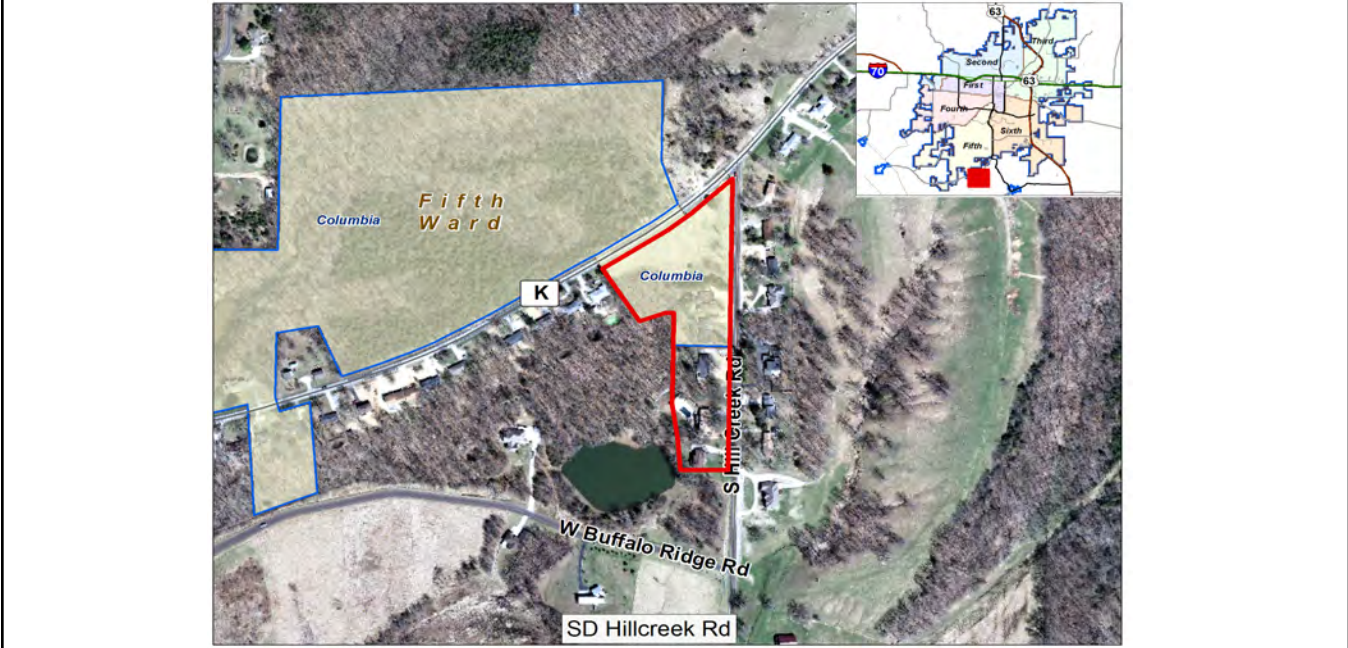
Current Status:
 Future Project

Factors Effecting Timing/Completion of Project:
 Funding and weather

Eligible Funding Sources:
 Future Ballot

Master Plan:
 Sewer Master Plan

FY	Eligible Funding Sources	Amount
2021	Future Ballot	\$74,756
2022	Future Ballot	\$436,407
		<u>\$511,163</u>

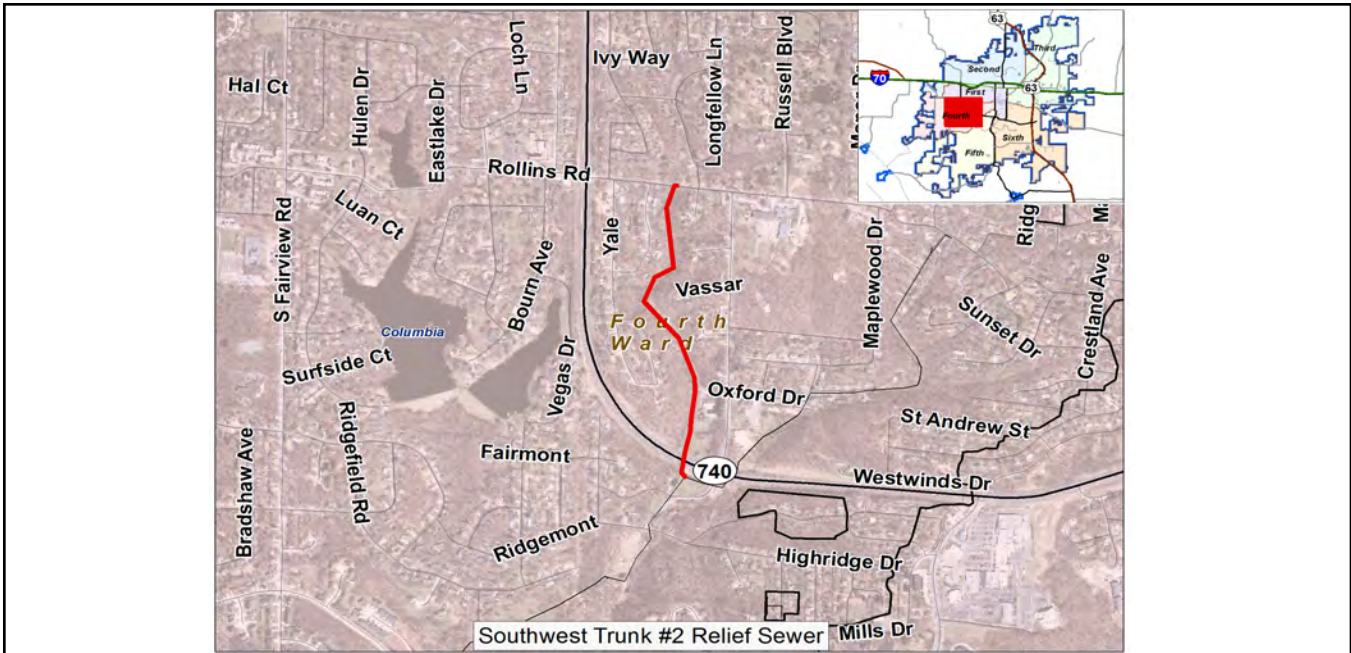


Southwest Trunk #2 Relief Sewer	Ward	Begin Design	Begin Construction	
	4	2024	2025	
	Description:		Eligible for Percent for Arts?	No
	Construct 6,000 feet of gravity relief sewer, east and north of Stadium, west of College Park, south of Rollins.		Current Funding Request:	\$809,650
			Total Appropriated:	\$0
			Total City Project Cost:	\$809,650
			Est. Project Balance: 09/30/2016	\$0

Current Status:
 Future project

Factors Effecting Timing/Completion of Project:
 funding, easements

Eligible Funding Sources: Future ballot	FY	Eligible Funding Sources	Amount
	2024	Future Ballot	\$56,300
	2025	Future Ballot	\$753,350
			\$809,650
Master Plan: Sewer master plan			



Upper Southwest Outfall Relief

Description:
 Construct 2,000 feet of gravity relief sewer, north of W. Broadway, east of Pershing, south on W. Worley, west of West Blvd.

Ward	Begin Design	Begin Construction
1	2022	2023
Eligible for Percent for Arts?		No
Current Funding Request:		\$317,900
Total Appropriated:		\$0
Total City Project Cost:		\$317,900
Est. Project Balance: 09/30/2016		\$0

Current Status:
 Future project

Factors Effecting Timing/Completion of Project:
 funding, easements

Eligible Funding Sources:
 Future ballot issue

Master Plan:
 Sewer master plan

FY	Eligible Funding Sources	Amount
2022	Future Ballot	\$28,150
2023	Future Ballot	\$289,750
		<u>\$317,900</u>



Woodstock MHP WWTP Interceptor

Description:
 Construct 700 linear feet of gravity sewer to intercept two existing wastewater treatment facilities that currently serve portions of Woodstock MHP park. The two existing wastewater treatment facilities discharge treated effluent to the Grindstone Creek. Grindstone Creek is currently listed on the State's impaired waters list for bacteria.

Ward	Begin Design	Begin Construction
6	2022	2023
Eligible for Percent for Arts?		No
Current Funding Request:		\$115,570
Total Appropriated:		\$0
Total City Project Cost:		\$115,570
Est. Project Balance: 09/30/2016		\$0

Current Status:
 Future project

Factors Effecting Timing/Completion of Project:
 Easements, funding and weather.

Eligible Funding Sources:
 Future Ballot

Master Plan:
 2004 Master Plan

FY	Eligible Funding Sources	Amount
2022	Future Ballot	\$11,260
2023	Future Ballot	\$104,310
		<hr/>
		\$115,570



Sewer 10+ Year Projects

Project Name	Ward
1 WWTP - Fine Screen Facility [ID: 1302]	4
1 Projects	

Storm Water Utility Capital Projects

Planning

The Capital Improvement Plan (CIP) Budget is updated annually. The CIP is a plan for the reconstruction, replacement and upgrade of existing infrastructure to address flooding and failing storm water conveyance facilities. As part of preparing the CIP, storm water systems are evaluated for adequacy and replacement requirements. Staff develops recommendations for the CIP based on review of citizen's complaints and consultation with operations staff. These recommendations then go through a review process that includes the Director of City Utilities, the City Manager, and finally the Columbia City Council.

Various tools are utilized to make recommendations outlined in the annual CIP. These include evaluation of development, annexations, and growth patterns, review of communications with citizens, and analysis of needs for upgrading smaller size infrastructure and/or replacing older lines due to a history of storm water problems or deterioration of the facilities.

In addition, an active preventive maintenance program is in place to identify problem areas that may require inclusion in the CIP. This program includes:

1. Annual inspections of storm water detention facilities
2. Inspection of storm water systems
3. Cooperation and compliance with State operated agencies such as the Department of National Resources

Funding

Funding for the storm water CIP program is by enterprise revenue approved by voters in 1991. The City also continues to look for grant opportunities to support this capital plan.

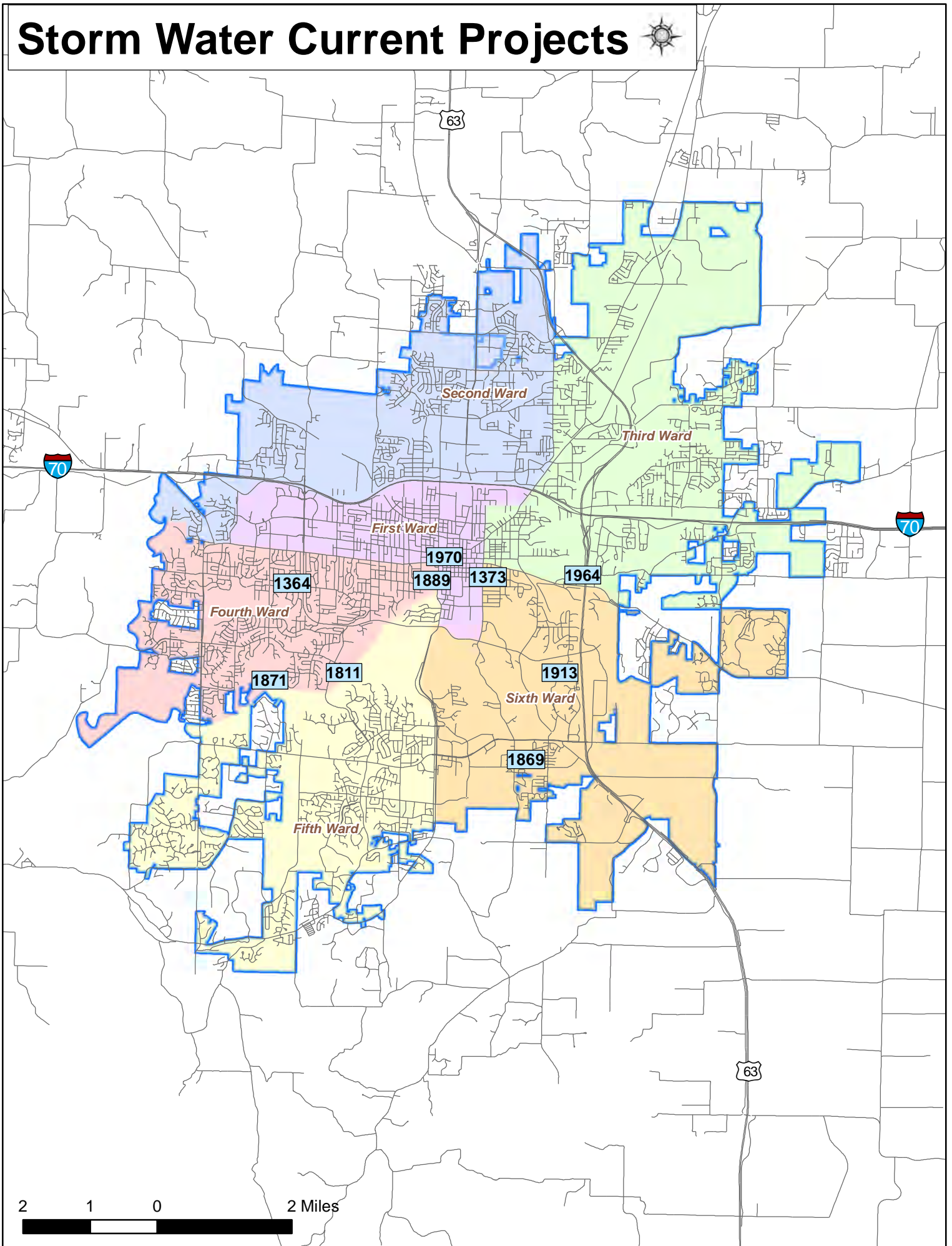
CH2M HILL, an outside consulting firm, completed an engineering study of the City's Storm Water Utility and CIP program in 2008. This study determined the Storm Utility's rate structure at that time was not generating sufficient revenues to adequately support the Storm Water CIP program.

In 2011, ERC Inc, another outside consulting firm, completed a cost of service study for the Storm Water Utility, recommending a rate structure and business plan to address revenue needs.

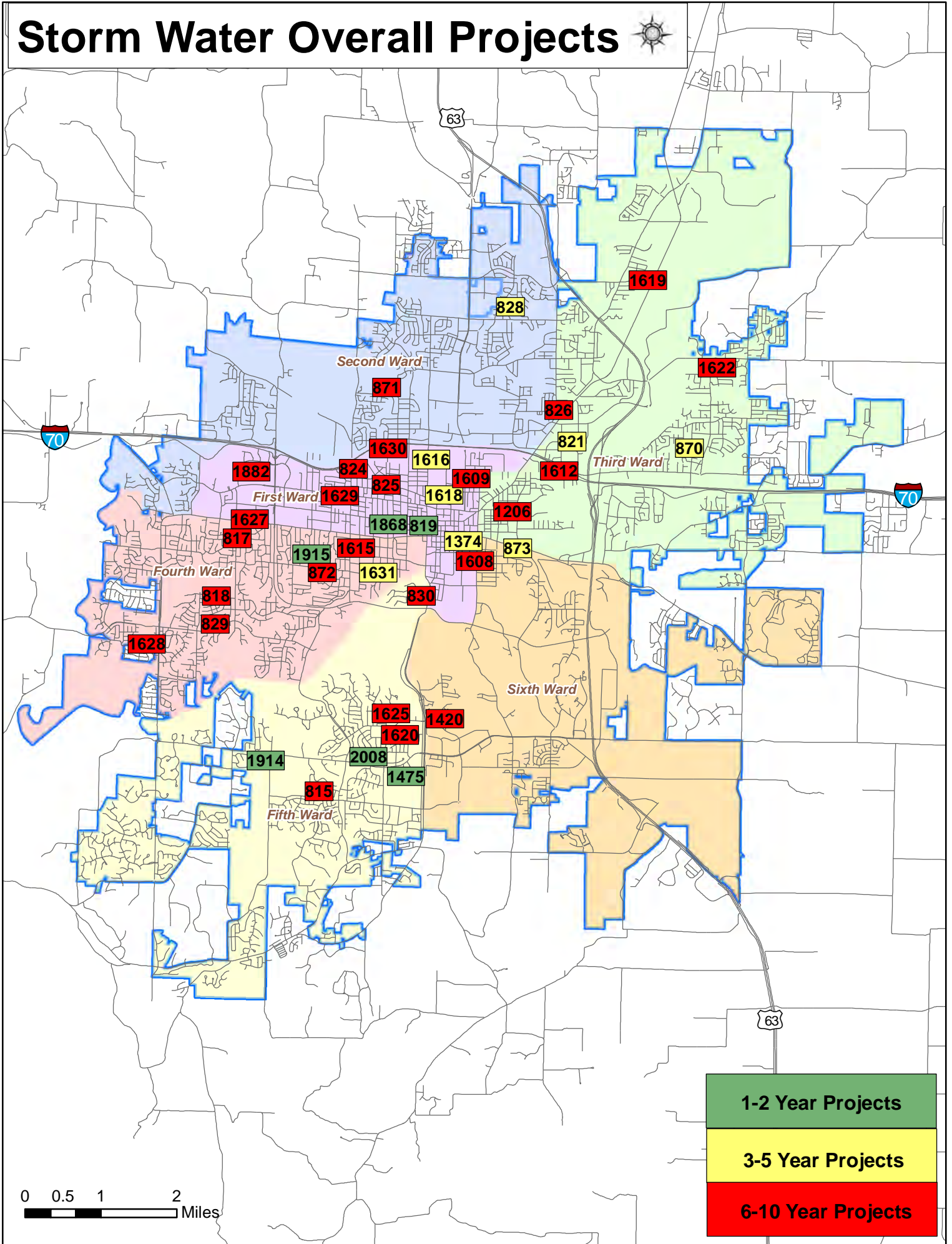
A cost of service study was conducted in 2014 to determine rates required to sustain and expand the division as the city grows and industry standards and regulations evolve.

A ballot issue was approved by voters in the April 2015. The approval of the ballot issue allows the Storm Water Utility rates to be increased over a five year period. The first incremental increase was approved with the FY2016 budget. These increases will provide additional funding needed to increase maintenance and replacement of existing storm water infrastructure and will allow for completion of some projects currently identified in the CIP in a more timely manner.

Storm Water Current Projects



Storm Water Overall Projects



Storm Water CIP Projects

Project Name	Status	Ward	Begin Construction	Total Appropriated	Funding Still Needed	Unfunded/Future Ballot Amount
Annual						
1 Annual CAM Projects - SS114 [ID: 1611]	On-going	All		\$50,000		\$60,000
2 Annual Downtown Tree Planters - SS115 [ID: 1621]	On-going	1				\$50,000
3 Annual Floodplain Mapping - SS116 [ID: 1614]	On-going	All				\$50,000
4 Annual Mitigation Bank Program - SS133 [ID: 1866]	On-going	1, 2, 3, 4, 5, 6	2021	\$50,000		\$30,000
5 Annual Projects - SS017 [ID: 839]	On-going	Citywide		\$225,965		
6 Annual Property Acquisition - SS118 [ID: 1726]	On-going	All				\$100,000
7 Annual TV Inspections [ID: 1867]	On-going	1, 2, 3, 4, 5, 6				
7 Projects				\$325,965	\$0	\$290,000

Project Name	Status	Ward	Begin Construction	Total Project Cost	Funding Still Needed	Unfunded/Future Ballot Amount
Current						
1 CAM - Forum Nature Area - SS113 [ID: 1811]	In Service	5	2014	\$50,000		
2 CAM - Hubbart Flow & Sediment Study - SS128 [ID: 1871]	Proposed	1, 3, 4, 5, 6	2016	\$72,282	\$24,940	
3 Downtown Tree Planter 2015 - SS127 [ID: 1970]	In Service	1	2016	\$36,000		
4 E Nifong Culvert Rehab - SS124 [ID: 1869]	Ready to Close	6	2016	\$108,500		
5 East Point Lining - SS122 [ID: 1913]	Ready to Close	6	2016	\$100,000		
6 Hinkson Bacteria Assessment - SS126 [ID: 1947]	Pending Final Rpt to	All	2015	\$15,167		
7 Hitt and Elm SS099 [ID: 1373]	Bid	1	2015	\$207,260		
8 Ninth and Elm Storm Drain Replacement - SS121 [ID: 1889]	Final Design	1	2016	\$193,000		
9 Rollins Rd at Rock Creek - SS130 [ID: 1364]	Preliminary Design	4	2016	\$400,000		
10 Trimble Rd Storm Lining - SS132 [ID: 1964]	Ready to Close	3	2016	\$41,500		
10 Projects				\$1,223,709	\$24,940	\$0

1-2 Years						
1 Again Street 1105 Property Acquisition - SS135 [ID: 2003]	Preliminary Design	1	2017	\$100,000	\$90,000	
2 Aldeah & Ash Storm Pipe Rehab - SS123 [ID: 1868]	Proposed	1	2017	\$150,000		
3 Garth @ Oak Tower SS110 [ID: 819]	Proposed	1	2018	\$460,000	\$410,000	
4 Manor Drive - SS129 [ID: 1915]	Preliminary Design	4	2017	\$92,960		
5 Mill Creek - 307 W Alhambra - SS136 [ID: 2008]	Proposed	5	2018	\$200,000	\$150,000	
6 Nifong & Bethel Drainage Project - SS105 [ID: 1475]	Bid	5	2017	\$810,000		
7 Sinclair Culvert at Mill Creek - SS131 [ID: 1914]	Preliminary Design	5	2017	\$455,000	\$400,000	
8 Worley Street 1104 - SS137 [ID: 2010]	Proposed	1	2017	\$180,000		
8 Projects				\$2,447,960	\$1,050,000	\$0

3-5 Years						
1 Alan Lane [ID: 870]	Proposed	3	2021	\$276,840	\$276,840	
2 Capri Estates Drainage [ID: 828]	Proposed	2	2021	\$410,000	\$410,000	
3 Greenwood South [ID: 1631]	Proposed	4	2020	\$215,000	\$215,000	
4 Hickman & 6th & 7th - SS134 [ID: 1618]	Proposed	1	2019	\$375,000	\$340,000	
5 Nebraska Avenue [ID: 1616]	Proposed	1	2021	\$390,000	\$390,000	
6 Quail Drive - SS067 [ID: 821]	Preliminary Design	3	2020	\$385,218	\$355,000	
7 Rockhill Rd [ID: 873]	Proposed	6	2020	\$505,050	\$505,050	
8 Seventh and Locust [ID: 1374]	Proposed	1	2020	\$173,850	\$173,850	
8 Projects				\$2,730,958	\$2,665,740	\$0

6-10 Years						
1 Braemore Drainage [ID: 817]	Proposed	4	2022	\$300,000	\$300,000	\$300,000

Storm Water CIP Projects

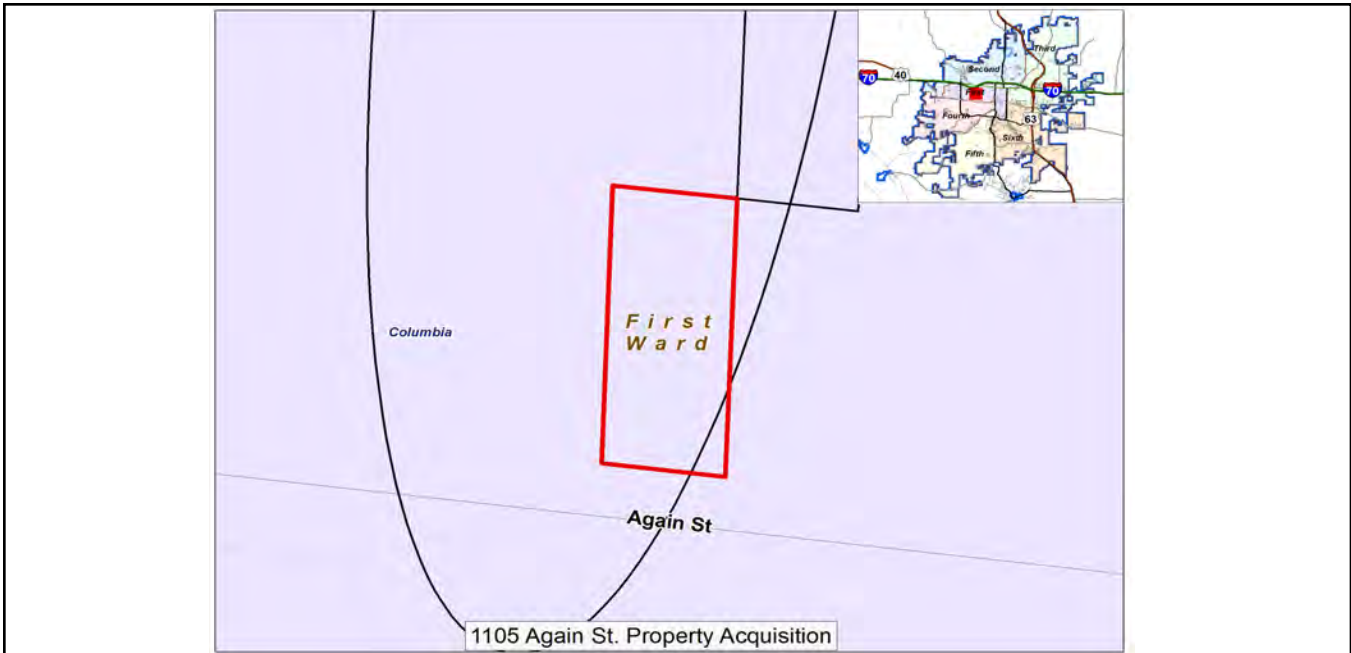
Project Name	Status	Ward	Begin Construction	Total Project Cost	Funding Still Needed	Unfunded/Future Ballot Amount
6-10 Years						
2 Bray/Longwell Drainage [ID: 818]	Proposed	4	2026	\$250,000	\$250,000	\$250,000
3 Calvert Drive - SS117 [ID: 1612]	Proposed	3	2023	\$700,000	\$700,000	\$700,000
4 English/Subella/Jake Drainage [ID: 829]	Proposed	4	2026	\$180,000	\$180,000	\$180,000
5 Flat Branch System Inventory Model [ID: 1609]	Proposed	1	2025	\$400,000	\$400,000	\$400,000
6 Gillespie Bridge Road [ID: 1628]	Proposed	5	2026	\$600,000	\$600,000	\$600,000
7 Grasslands-Brandon Drainage [ID: 830]	Proposed	4	2026	\$1,100,000	\$1,100,000	\$1,100,000
8 Greenwood Stewart Phase 2 SS093 [ID: 1615]	Proposed	4	2024	\$1,600,000	\$1,600,000	\$1,600,000
9 Hinkson Avenue [ID: 1206]	Proposed	3	2026	\$300,000	\$300,000	\$300,000
10 Kelly Detention Retrofit - SS108 [ID: 1420]	Preliminary Design	6	2023	\$306,282	\$254,755	
11 Lakshire Estates Lake Modification [ID: 1622]	Proposed	3	2025	\$150,000	\$150,000	\$150,000
12 Leawood Subdivision [ID: 1627]	Proposed	4	2026	\$1,775,000	\$1,775,000	\$1,775,000
13 Mary Jane Jamesdale [ID: 1619]	Proposed	3	2026	\$150,000	\$150,000	\$150,000
14 Mill Creek Detention Retrofits [ID: 1625]	Proposed	5	2025	\$300,000	\$300,000	\$300,000
15 Mill Creek Phase 3 - SS111 [ID: 1620]	Proposed	5	2025	\$210,000	\$210,000	
16 Parkade Blvd and Plaza [ID: 1630]	Proposed	1	2026	\$350,000	\$350,000	\$350,000
17 Proctor Drive [ID: 871]	Proposed	2	2025	\$300,000	\$300,000	\$300,000
18 Rollins/Cowan/Ridge Drainage [ID: 872]	Proposed	4	2026	\$170,000	\$170,000	\$170,000
19 Royal Lytham - Fallwood - SS090 [ID: 815]	Preliminary Design	5	2024	\$422,537	\$400,000	\$400,000
20 Sexton Road at Jackson [ID: 824]	Proposed	1	2023	\$345,000	\$345,000	\$345,000
21 Sexton/McBaine Drainage [ID: 825]	Proposed	1	2023	\$280,000	\$280,000	\$280,000
22 Stormwater Master Plan [ID: 1039]	Proposed	NA	2026	\$477,600	\$477,600	\$477,600
23 Vandiver/Sylvan Storm Drainage [ID: 826]	Proposed	3	2022	\$1,100,000	\$1,100,000	\$1,100,000
24 West Worley Storm System Replacement - SS119 [ID: 1882]	Proposed	1	2025	\$207,000	\$207,000	
25 Wilson Ross - SS112 [ID: 1608]	Final Design	6	2026	\$155,000	\$155,000	\$155,000
26 Worley Again East Phase I [ID: 1629]	Proposed	1	2022	\$450,000	\$450,000	
26 Projects				\$12,578,419	\$12,504,355	\$11,382,600
59 Total Projects				\$19,307,011	\$16,245,035	\$11,672,600

Again Street 1105 Property Acquisition - SS135 Description: Investigate acquiring the property for stormwater and sanitary sewer purposes.	Ward	Begin Design	Begin Construction
	1	2016	2017
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$90,000
	Total Appropriated:		\$10,000
	Total City Project Cost:		\$100,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
 6/13/16: Memo to Council for July 5, 2016 meeting

Factors Effecting Timing/Completion of Project:
 Dependent on funding and property owner interest

Eligible Funding Sources: Master Plan: None	FY	Eligible Funding Sources	Amount



Aldeah & Ash Storm Pipe Rehab - SS123 Description: Rehab approximately 730LF of 30" to 36" vcp.	Ward	Begin Design	Begin Construction
	1	2016	2017
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$0
	Total Appropriated:		\$150,000
	Total City Project Cost:		\$150,000
	Est. Project Balance: 09/30/2016		\$150,000

Current Status:
 1/28/16: Study to evaluate potential for lining is required. Anticipated in Fall 2016.

Factors Effecting Timing/Completion of Project:
 weather

Eligible Funding Sources: Future Ballot Master Plan: None	FY	Eligible Funding Sources	Amount



Garth @ Oak Tower SS110 Description: Replace existing box culvert	Ward	Begin Design	Begin Construction
	1	2017	2018
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$410,000
	Total Appropriated:		\$50,000
	Total City Project Cost:		\$460,000
	Est. Project Balance: 09/30/2016		\$50,000

Current Status:
 Future Project

Factors Effecting Timing/Completion of Project:
 Funding, weather

Eligible Funding Sources: 2015 ballot and Enterprise Revenue Master Plan:	FY	Eligible Funding Sources	Amount
	2017	Ent Rev - 2015 Ballot	\$50,000
	2018	Ent Rev - 2015 Ballot	\$410,000
			\$460,000



<p>Manor Drive - SS129</p> <p>Description: Replace and upgrade existing deteriorated storm system and inlets.</p>	Ward	Begin Design	Begin Construction
	4	2016	2017
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$0
	Total Appropriated:		\$92,960
	Total City Project Cost:		\$92,960
	Est. Project Balance: 09/30/2016		\$56,040

Current Status:
4/13/16 Easement Acquisition and Final Design

Factors Effecting Timing/Completion of Project:
Funding, weather

<p>Eligible Funding Sources: Future Stormwater Ballot</p> <p>Master Plan:</p>	FY	Eligible Funding Sources	Amount

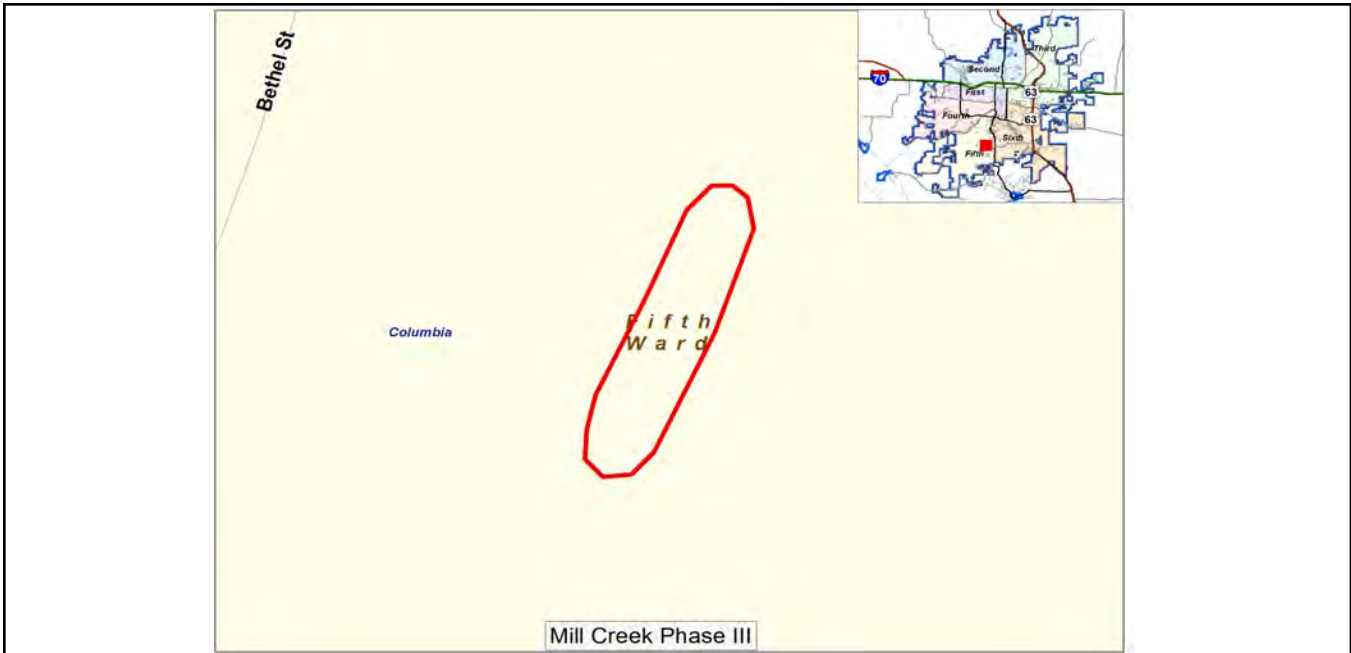


Mill Creek - 307 W Alhambra - SS136 Description: Bank stabilization Project	Ward	Begin Design	Begin Construction
	5	2017	2018
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$150,000
	Total Appropriated:		\$50,000
	Total City Project Cost:		\$200,000
	Est. Project Balance: 09/30/2016		\$50,000

Current Status:
 Future Project

Factors Effecting Timing/Completion of Project:
 Funding, weather, easements, permits

Eligible Funding Sources: Enterprise Revenue	FY	Eligible Funding Sources	Amount
	2017	Ent Rev	\$50,000
	2018	Ent Rev	\$150,000
			\$200,000
Master Plan:			

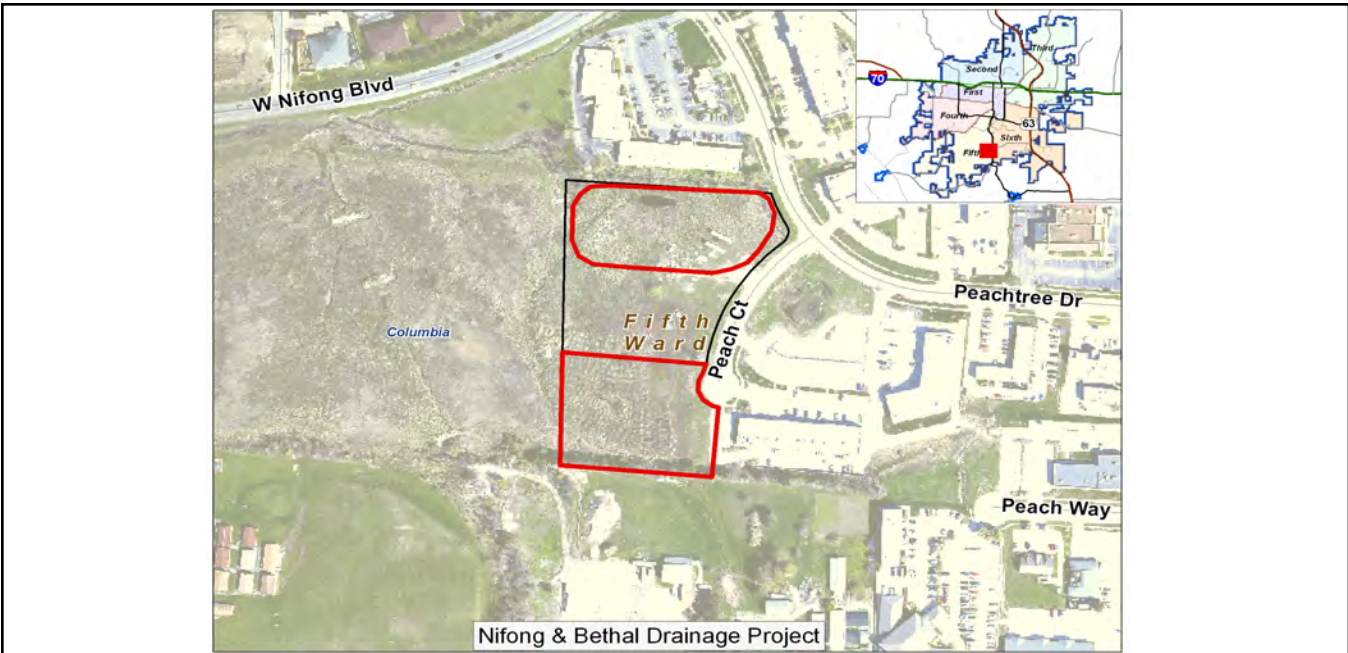


<p>Nifong & Bethel Drainage Project - SS105</p> <p>Description: Install water quality/detention basins at Peachtree Drive and Peachtree Court. Development agreement with Jeffery E. Smith. Ordinance #21169.</p>	<table border="1"> <thead> <tr> <th>Ward</th> <th>Begin Design</th> <th>Begin Construction</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>2013</td> <td>2017</td> </tr> </tbody> </table>	Ward	Begin Design	Begin Construction	5	2013	2017
	Ward	Begin Design	Begin Construction				
	5	2013	2017				
	<p>Eligible for Percent for Arts? No</p>						
	<p>Current Funding Request: \$0</p>						
	<p>Total Appropriated: \$810,000</p>						
	<p>Total City Project Cost: \$810,000</p>						
<p>Est. Project Balance: 09/30/2016 \$688,943</p>							

Current Status:
4/13/16 Anticipating bid date Summer 2016.

Factors Effecting Timing/Completion of Project:
Funding of Utility and Weather

<p>Eligible Funding Sources: Storm Water Retained Earnings</p> <p>Master Plan: None</p>	<table border="1"> <thead> <tr> <th>FY</th> <th>Eligible Funding Sources</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	FY	Eligible Funding Sources	Amount			
	FY	Eligible Funding Sources	Amount				



Sinclair Culvert at Mill Creek - SS131 Description: Replace and upgrade triple metal culverts with arch plate or concrete box.	Ward	Begin Design	Begin Construction
	5	2016	2017
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$400,000
	Total Appropriated:		\$55,000
	Total City Project Cost:		\$455,000
	Est. Project Balance: 09/30/2016		\$50,172

Current Status:
 8/8/16: Consultant finalizing plans. Project on hold indefinitely awaiting easement from University.

Factors Effecting Timing/Completion of Project:
 Funding and weather

Eligible Funding Sources: Future Stormwater Ballot Master Plan:	FY	Eligible Funding Sources	Amount
	2018	Ent Rev - 2015 Ballot	\$400,000
			\$400,000

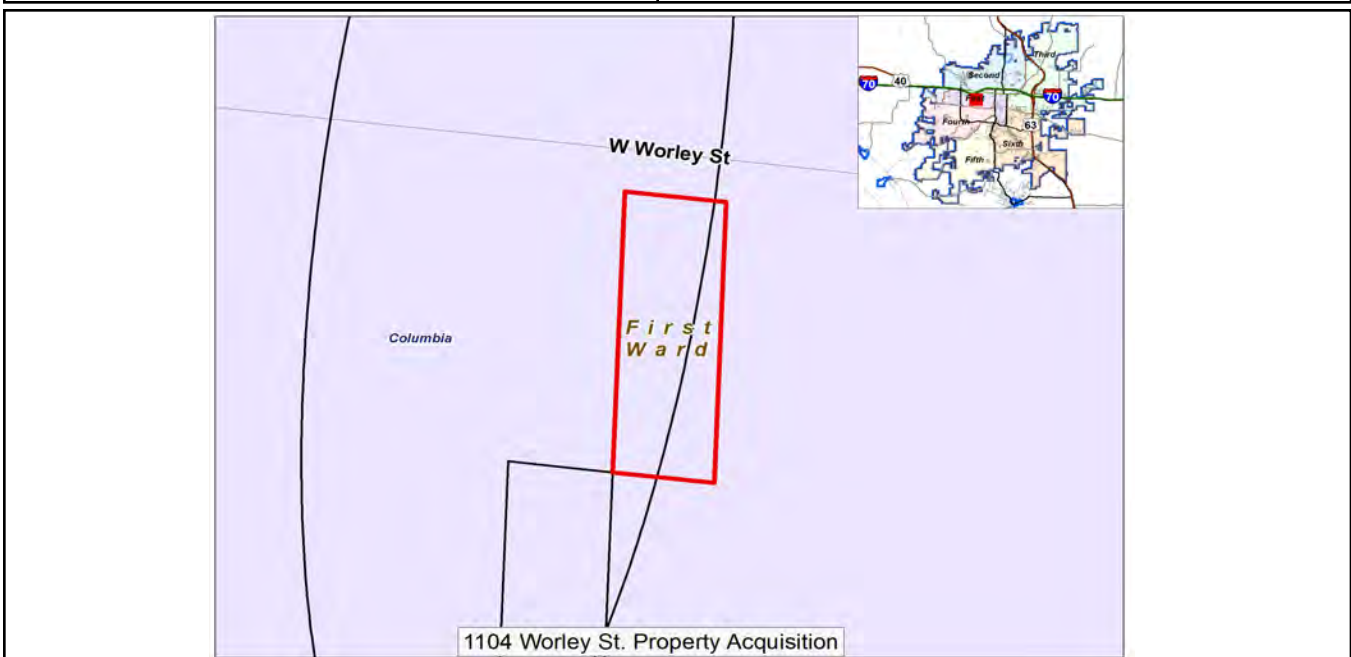


<p>Worley Street 1104 - SS137</p> <p>Description: Investigate acquiring the property for storm water purposes.</p>	Ward	Begin Design	Begin Construction
	1	2016	2017
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$0
	Total Appropriated:		\$180,000
	Total City Project Cost:		\$180,000
	Est. Project Balance: 09/30/2016		\$179,600

Current Status:
Conceptual

Factors Effecting Timing/Completion of Project:
Dependent on funding and property owner interest.

<p>Eligible Funding Sources: Enterprise Revenue</p> <p>Master Plan: None</p>	FY	Eligible Funding Sources	Amount
	2017	Ent Rev	\$170,000
			\$170,000

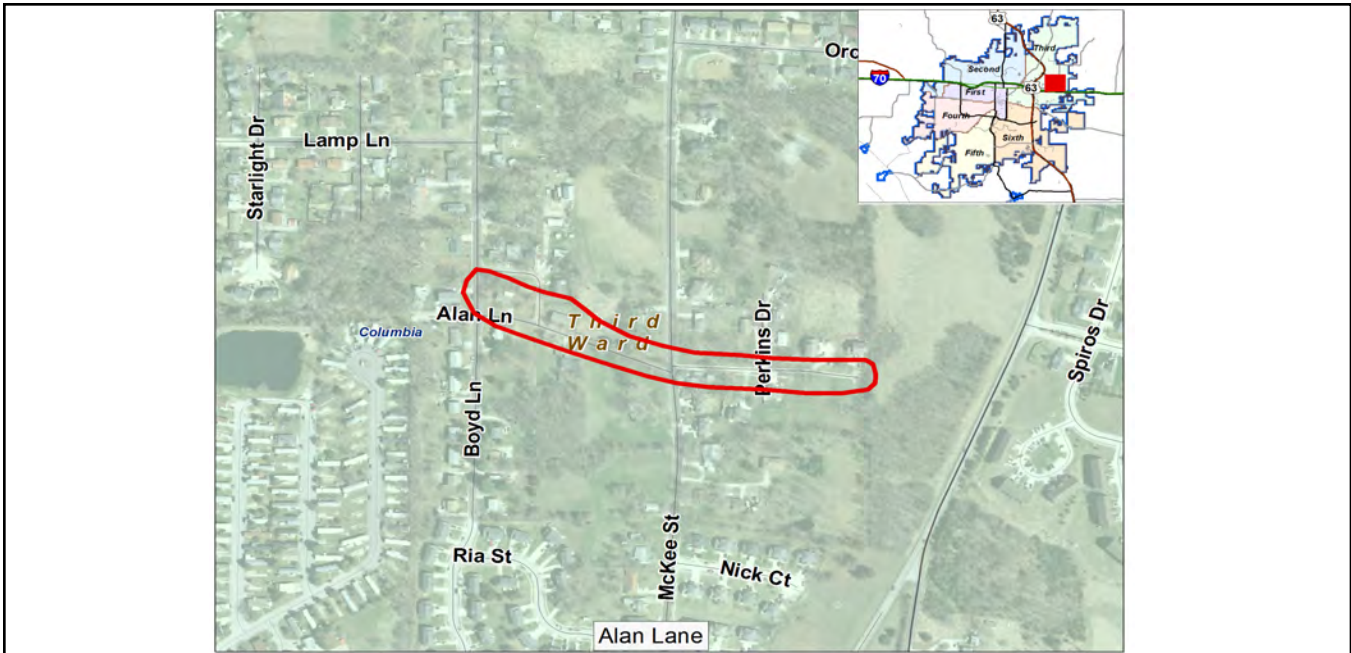


<p>Alan Lane</p> <p>Description: Inlet/pipe/channel upgrade</p> <p>This is an old drainage system that is deteriorated and undersized and needs to be replaced.</p>	Ward	Begin Design	Begin Construction
	3	2020	2021
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$276,840
	Total Appropriated:		\$0
	Total City Project Cost:		\$276,840
	Est. Project Balance: 09/30/2016		\$0

Current Status:
Future Project

Factors Effecting Timing/Completion of Project:
Funding, weather

<p>Eligible Funding Sources: Future Ballot</p> <p>Master Plan:</p>	FY	Eligible Funding Sources	Amount
	2020	Ent Rev - 2015 Ballot	\$45,040
	2021	Ent Rev - 2015 Ballot	\$231,800
			\$276,840

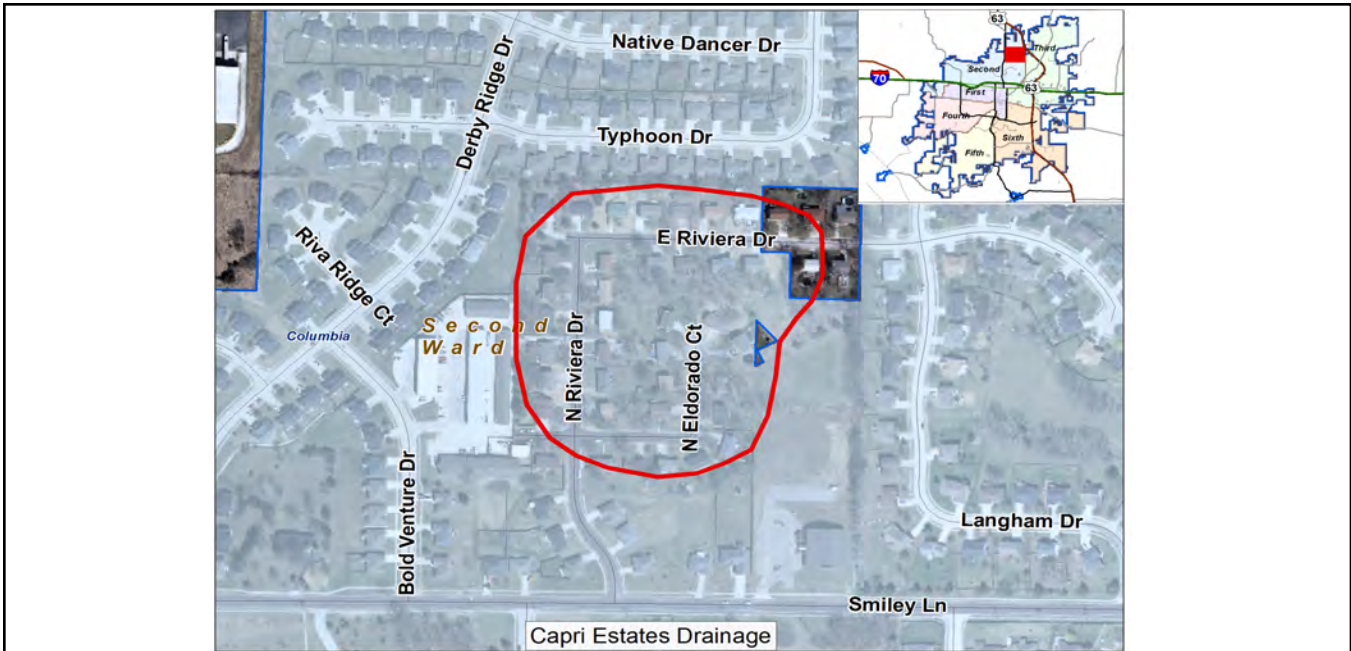


<p>Capri Estates Drainage</p> <p>Description: Construction of storm drainage system in older area where system is not in conformance with current standards. Includes water quality improvements.</p>	Ward	Begin Design	Begin Construction
	2	2020	2021
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$410,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$410,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
Future project

Factors Effecting Timing/Completion of Project:
Funding, weather

<p>Eligible Funding Sources: Future Ballot</p> <p>Master Plan:</p>	FY	Eligible Funding Sources	Amount
	2020	Ent Rev - 2015 Ballot	\$60,000
	2021	Ent Rev - 2015 Ballot	\$350,000
			\$410,000



Greenwood South Description: Replace failing CMP, address flooding concerns and erosion at outlet.	Ward	Begin Design	Begin Construction
	4	2019	2020
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$215,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$215,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
Conceptual

Factors Effecting Timing/Completion of Project:
Funding, easements, weather

Eligible Funding Sources: 2015 Ballot Master Plan:	FY	Eligible Funding Sources	Amount
	2019	Ent Rev - 2015 Ballot	\$15,000
	2020	Ent Rev - 2015 Ballot	\$200,000
			\$215,000

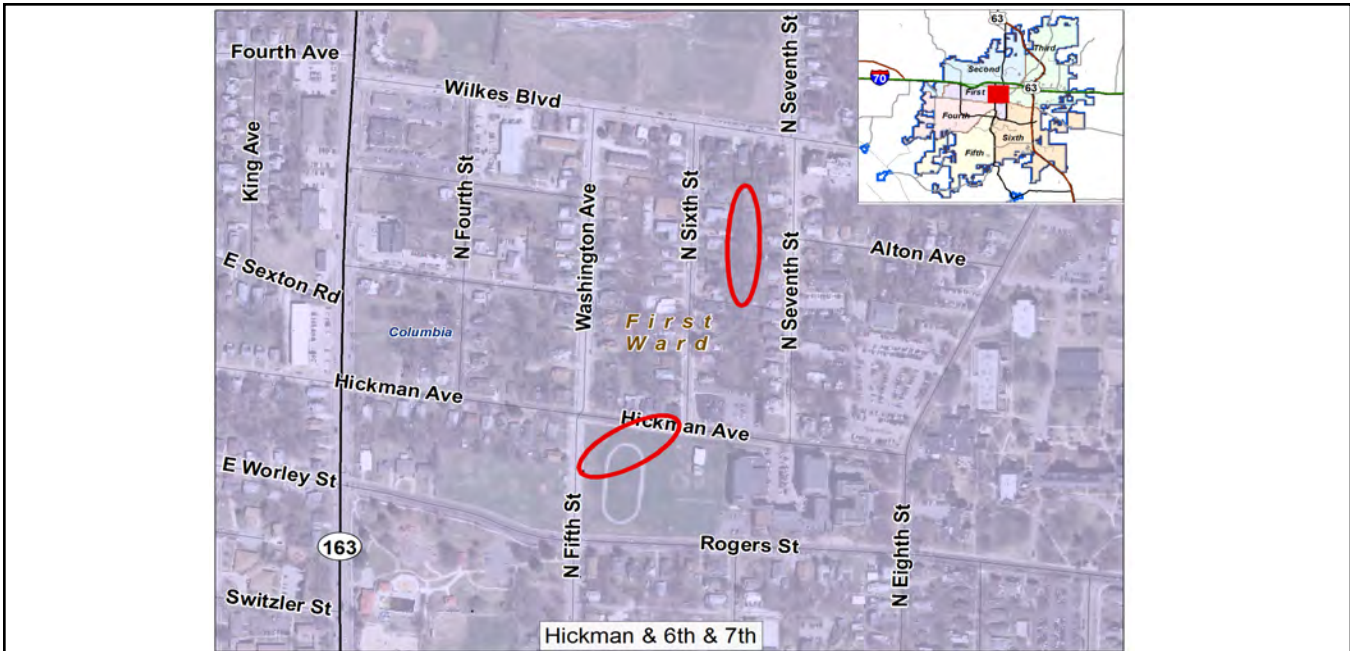


<p>Hickman & 6th & 7th - SS134</p> <p>Description: Replace undersized, failing box culvert, create an overflow section, replace failing pipes. Install water quality improvements. Phase I.</p>	Ward	Begin Design	Begin Construction	
	1	2017	2019	
	Eligible for Percent for Arts?		No	
	Current Funding Request:		\$340,000	
	Total Appropriated:		\$35,000	
	Total City Project Cost:		\$375,000	
	Est. Project Balance: 09/30/2016		\$35,000	

Current Status:
 Conceptual

Factors Effecting Timing/Completion of Project:
 Funding, easements, weather

<p>Eligible Funding Sources: Future Ballot</p> <p>Master Plan:</p>	FY	Eligible Funding Sources	Amount
	2017	Ent Rev - 2015 Ballot	\$35,000
	2019	Ent Rev - 2015 Ballot	\$340,000
			\$375,000

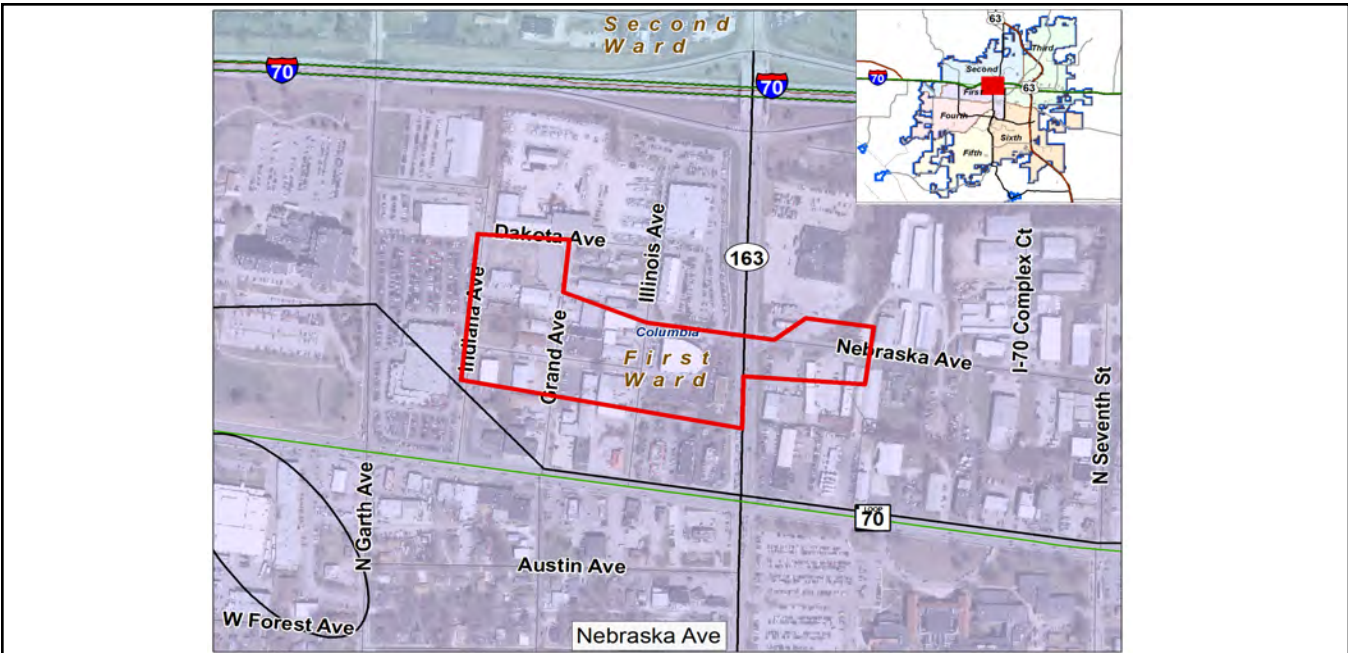


Nebraska Avenue Description: Replace undersized system to alleviate severe street flooding. Use water quality retrofits to address possible "hot spot" concerns.	Ward	Begin Design	Begin Construction
	1	2019	2021
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$390,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$390,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
 Future project

Factors Effecting Timing/Completion of Project:
 Funding, easements, weather

Eligible Funding Sources: Future Ballot	FY	Eligible Funding Sources	Amount
	2019	Ent Rev - 2015 Ballot	\$40,000
	2021	Ent Rev - 2015 Ballot	\$350,000
			\$390,000
Master Plan:			



<p>Quail Drive - SS067</p> <p>Description: Improve existing system. Reconstruct existing stormwater system to reduce flooding issue.</p>	Ward	Begin Design	Begin Construction
	3	2018	2020
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$355,000
	Total Appropriated:		\$30,218
	Total City Project Cost:		\$385,218
	Est. Project Balance: 09/30/2016		\$0

Current Status:
Future project

Factors Effecting Timing/Completion of Project:
Funding

<p>Eligible Funding Sources: Enterprise Revenue and Future Ballot</p> <p>Master Plan:</p>	FY	Eligible Funding Sources	Amount
	2018	Ent Rev - 2015 Ballot	\$50,000
	2020	Ent Rev - 2015 Ballot	\$305,000
			\$355,000



Rockhill Rd Description: Replace pipe/inlets-needs channel work to protect street	Ward	Begin Design	Begin Construction
	6	2019	2020
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$505,050
	Total Appropriated:		\$0
	Total City Project Cost:		\$505,050
	Est. Project Balance: 09/30/2016		\$0

Current Status:
 Future project

Factors Effecting Timing/Completion of Project:
 Funding, easements, weather

Eligible Funding Sources: Future Ballot Master Plan:	FY	Eligible Funding Sources	Amount
	2019	Ent Rev - 2015 Ballot	\$54,650
	2020	Ent Rev - 2015 Ballot	\$450,400
			\$505,050

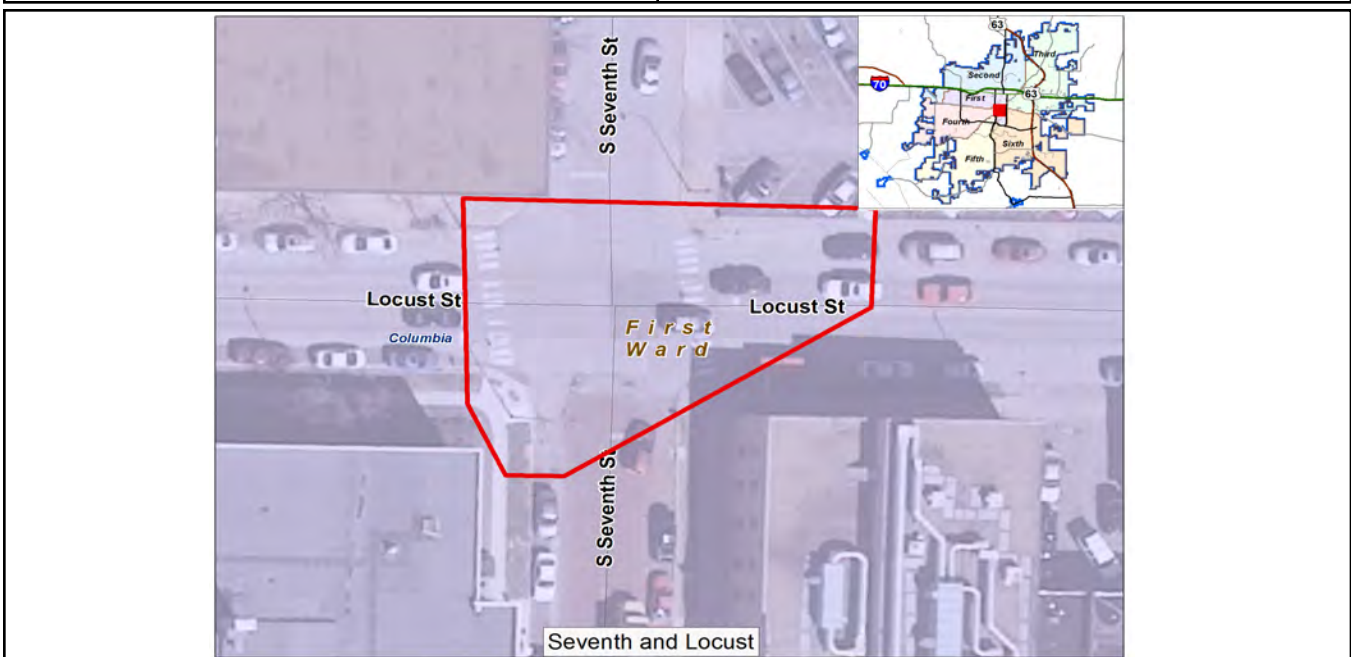


<p>Seventh and Locust</p> <p>Description: Replace failing rock box. Help protect building at 7th and Cherry from flooding. Add water quality treatment - tree planters or other devices - to system to 8th & Cherry.</p>	Ward	Begin Design	Begin Construction
	1	2019	2020
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$173,850
	Total Appropriated:		\$0
	Total City Project Cost:		\$173,850
	Est. Project Balance: 09/30/2016		\$0

Current Status:
 Future Project

Factors Effecting Timing/Completion of Project:
 Funding and Weather

<p>Eligible Funding Sources: Future Ballot</p> <p>Master Plan: None</p>	FY	Eligible Funding Sources	Amount
	2019	Ent Rev - 2015 Ballot	\$15,000
	2020	Ent Rev - 2015 Ballot	\$158,850
			\$173,850



Braemore Drainage Description: Reconstruct under sized existing stormwater system to reduce flooding issues. Includes water quality improvements. Includes replacing system at Fairview.	Ward	Begin Design	Begin Construction
	4	2021	2022
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$300,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$300,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
 Future project

Factors Effecting Timing/Completion of Project:
 Funding

Eligible Funding Sources: Future Ballot	FY	Eligible Funding Sources	Amount
	2021	Future Ballot	\$30,000
	2022	Future Ballot	\$270,000
			\$300,000
Master Plan:			



Bray/Longwell Drainage Description: Swale modification and pipe extension to fix flooding problem in area	Ward	Begin Design	Begin Construction
	4	2025	2026
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$250,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$250,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
 Future project

Factors Effecting Timing/Completion of Project:
 Funding

Eligible Funding Sources: Future Ballot Master Plan:	FY	Eligible Funding Sources	Amount
	2025	Future Ballot	\$250,000
			\$250,000



Calvert Drive - SS117

Description:
 Install a large water quality cell to assist with stormwater management at Sylvan and Vandiver/Quail. Potential "hot spot" area for the Hinkson Creek.

Ward	Begin Design	Begin Construction
3	2022	2023
Eligible for Percent for Arts?		No
Current Funding Request:		\$700,000
Total Appropriated:		\$0
Total City Project Cost:		\$700,000
Est. Project Balance: 09/30/2016		\$0

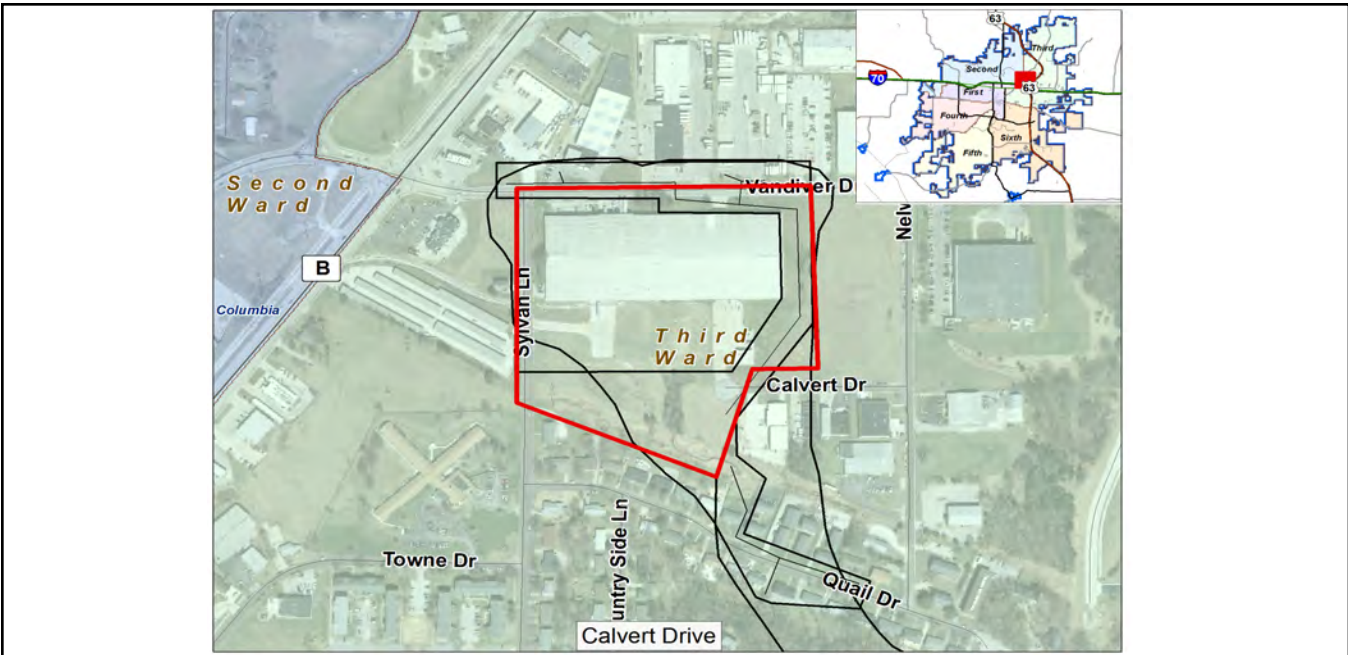
Current Status:
 Conceptual. Design will begin when funding becomes available.

Factors Effecting Timing/Completion of Project:
 Funding, easements, weather

Eligible Funding Sources:
 Future Ballot

Master Plan:

FY	Eligible Funding Sources	Amount
2022	Future Ballot	\$100,000
2023	Future Ballot	\$600,000
		<hr/>
		\$700,000



<p>English/Subella/Jake Drainage</p> <p>Description: Upgrade existing system. Reconstruct existing stormwater system to reduce flooding issues.</p>	Ward	Begin Design	Begin Construction
	4	2025	2026
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$180,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$180,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
Future project

Factors Effecting Timing/Completion of Project:
Funding and RoW

<p>Eligible Funding Sources: Future Ballot</p> <p>Master Plan:</p>	FY	Eligible Funding Sources	Amount
	2025	Future Ballot	\$18,000
	2026	Future Ballot	\$162,000
			\$180,000

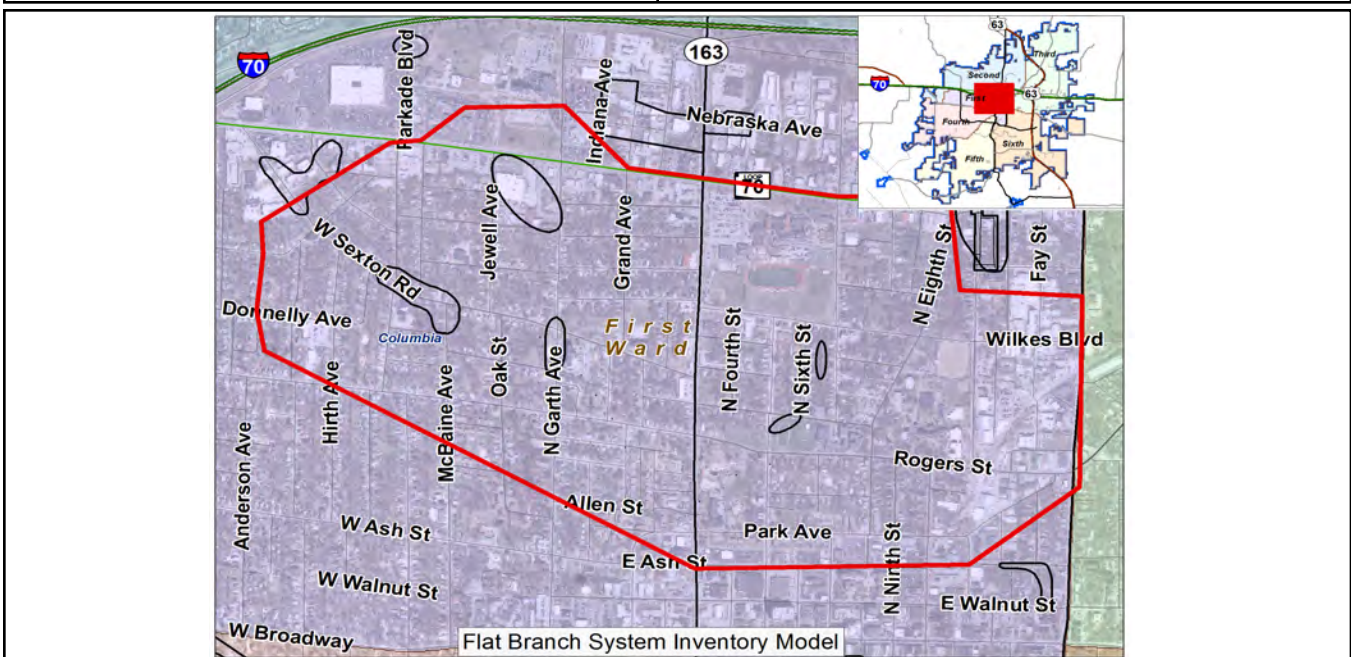


<p>Flat Branch System Inventory Model</p> <p>Description: Inspection and assessment of the existing enclosed Flat Branch drainage system. Develop a model to prioritize what improvements are needed to eliminate structure and street flooding and what water quality improvements may be possible.</p>	Ward	Begin Design	Begin Construction
	1	2025	2025
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$400,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$400,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
 Future Project

Factors Effecting Timing/Completion of Project:
 Funding

<p>Eligible Funding Sources: Future Ballot</p> <p>Master Plan:</p>	FY	Eligible Funding Sources	Amount
	2028	Future Ballot	\$400,000
			\$400,000



Gillespie Bridge Road Description: Replace undersized corrugated metal pipe (CMP). May require road to be raised.	Ward	Begin Design	Begin Construction
	5	2025	2026
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$600,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$600,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
 Conceptual

Factors Effecting Timing/Completion of Project:
 Funding, easements, weather, coordination with Streets

Eligible Funding Sources: Future Ballot Master Plan:	FY	Eligible Funding Sources	Amount
	2028	Future Ballot	\$60,000
	2029	Future Ballot	\$540,000
			\$600,000

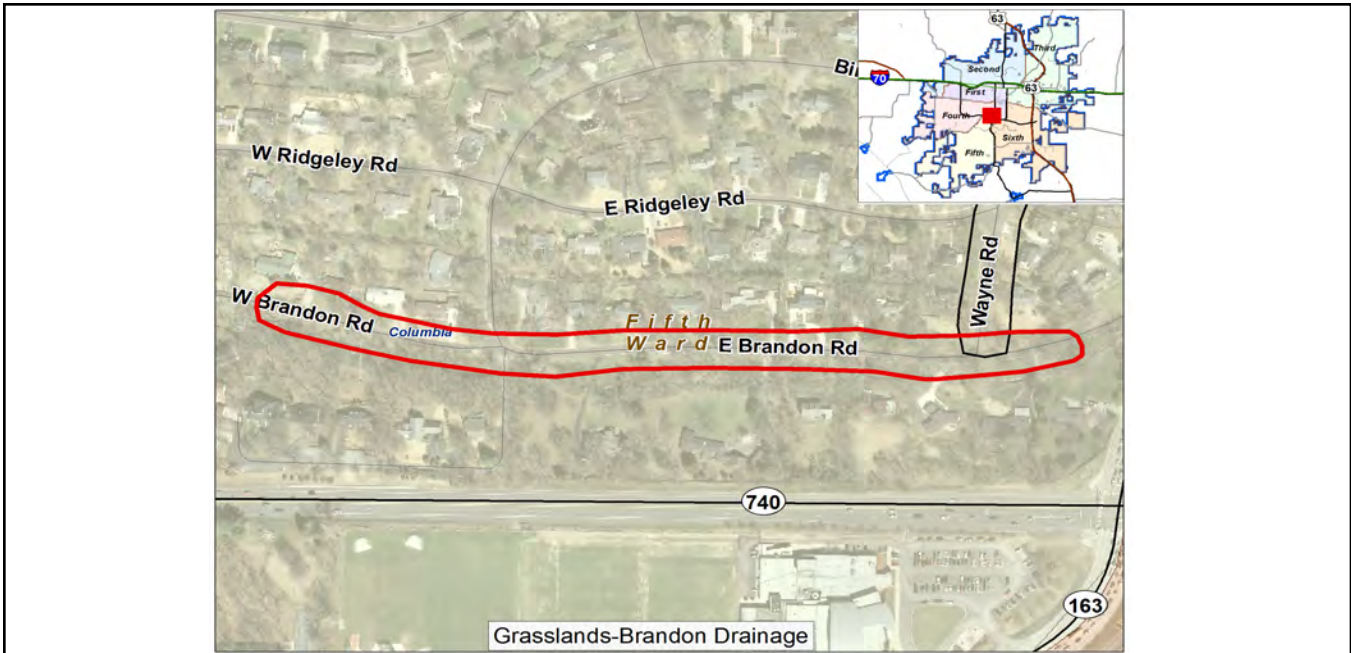


Grasslands-Brandon Drainage Description: Improve existing open channel system	Ward	Begin Design	Begin Construction
	4	2025	2026
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$1,100,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$1,100,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
 Future project

Factors Effecting Timing/Completion of Project:
 Funding, property owners, weather

Eligible Funding Sources: Future Stormwater Ballot Master Plan:	FY	Eligible Funding Sources	Amount
	2025	Future Ballot	\$1,100,000
			\$1,100,000



Greenwood Stewart Phase 2 SS093 Description: Replace failing Reinforced Concrete Box (RCB) on new alignment and extend system to address other flooding issues. Use Low Impact Development (LID) retrofits to address flooding issues.	Ward	Begin Design	Begin Construction
	4	2023	2024
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$1,600,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$1,600,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
 Future Project

Factors Effecting Timing/Completion of Project:
 Funding, Easements, Weather

Eligible Funding Sources: Future Ballot Master Plan:	FY	Eligible Funding Sources	Amount
	2023	Future Ballot	\$100,000
	2024	Future Ballot	\$1,500,000
			\$1,600,000



Hinkson Avenue Description: Design and replace undersized system from Ann and Amelia to Hinkson Ave and Old 63, including Stephens Stables.	Ward	Begin Design	Begin Construction
	3	2025	2026
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$300,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$300,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
 Future Project

Factors Effecting Timing/Completion of Project:
 funding

Eligible Funding Sources: Future Ballot Master Plan:	FY	Eligible Funding Sources	Amount
	2025	Future Ballot	\$300,000
			\$300,000

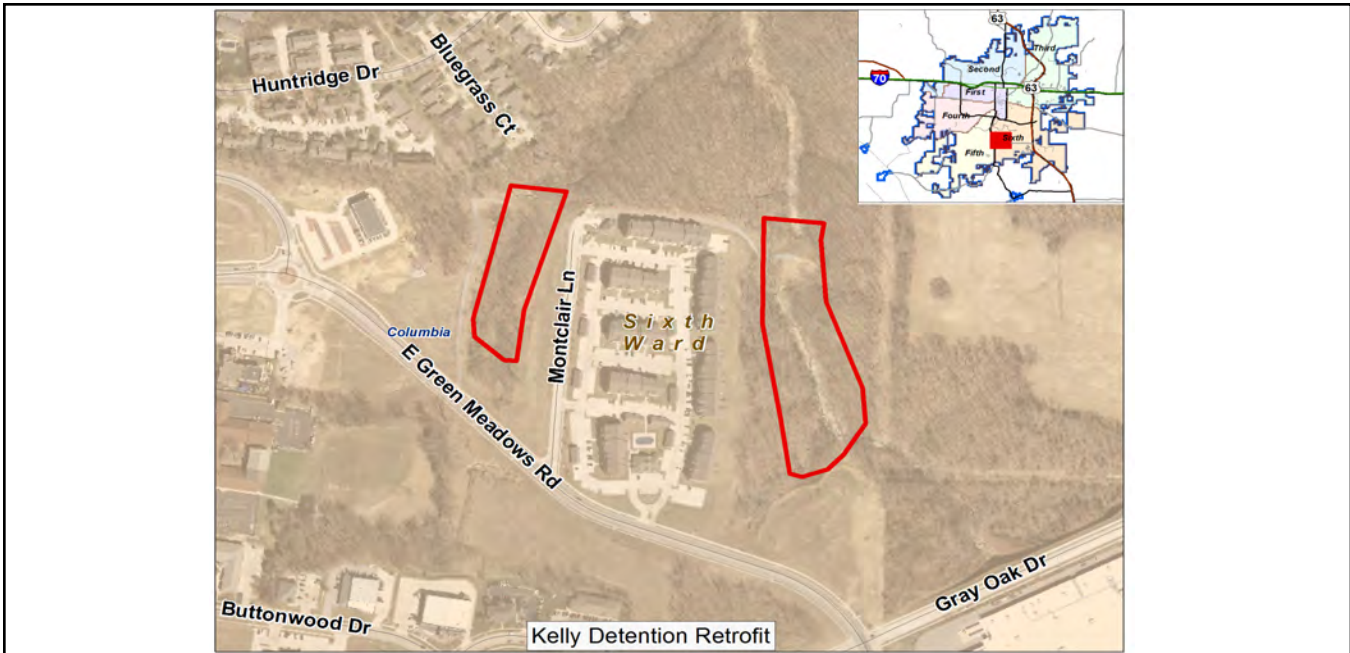


<p>Kelly Detention Retrofit - SS108</p> <p>Description: Enhance existing detention basins to improve water quality</p>	Ward	Begin Design	Begin Construction
	6	2023	2023
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$254,755
	Total Appropriated:		\$51,527
	Total City Project Cost:		\$306,282
	Est. Project Balance: 09/30/2016		\$156

Current Status:
Have agreement with USACOE to cost share a feasibility study on retrofitting detention basin to add water quality treatment while preserving flood protection detention. USACOE have hired HDR to perform study. Study is in progress.

Factors Effecting Timing/Completion of Project:
Funding

<p>Eligible Funding Sources: Future Ballot</p> <p>Master Plan: None</p>	FY	Eligible Funding Sources	Amount



<p>Lakshire Estates Lake Modification</p> <p>Description: Rehabilitate dam to reduce risk of flooding and dam failure. Improve outlet and spillway to provide water quality benefit to Hinkson. Plant natives around pond edge.</p>	Ward	Begin Design	Begin Construction
	3	2025	2025
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$150,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$150,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
Conceptual. Design will begin when funding becomes available.

Factors Effecting Timing/Completion of Project:
Funding, weather

<p>Eligible Funding Sources: Future Ballot</p> <p>Master Plan:</p>	FY	Eligible Funding Sources	Amount
	2025	Future Ballot	\$150,000
			\$150,000

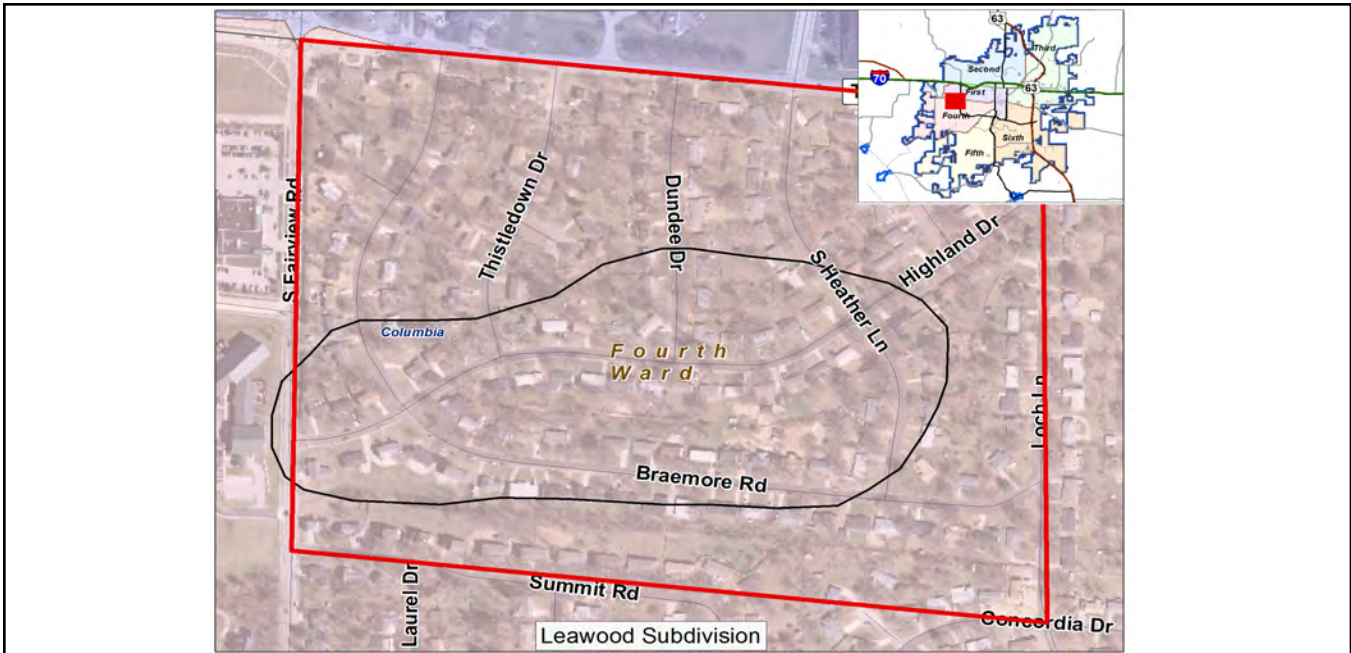


Leawood Subdivision Description: Replace undersized corrugated metal pipe (CMP) system that is failing. Extend storm drainage system to alleviate flooding. Install water quality improvements. In coordination or follow up to the Braemore project.	Ward	Begin Design	Begin Construction
	4	2025	2026
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$1,775,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$1,775,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
Conceptual

Factors Effecting Timing/Completion of Project:
Funding, easements, weather

Eligible Funding Sources: Future Ballot Master Plan:	FY	Eligible Funding Sources	Amount
	2025	Future Ballot	\$200,000
	2026	Future Ballot	\$1,575,000
			\$1,775,000



<p>Mary Jane Jamesdale</p> <p>Description: Alleviate street flooding and erosion issues.</p>	Ward	Begin Design	Begin Construction
	3	2025	2026
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$150,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$150,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
Conceptual

Factors Effecting Timing/Completion of Project:
Funding, easements, weather

<p>Eligible Funding Sources: Future Ballot</p> <p>Master Plan:</p>	FY	Eligible Funding Sources	Amount
	2025	Future Ballot	\$150,000
			\$150,000

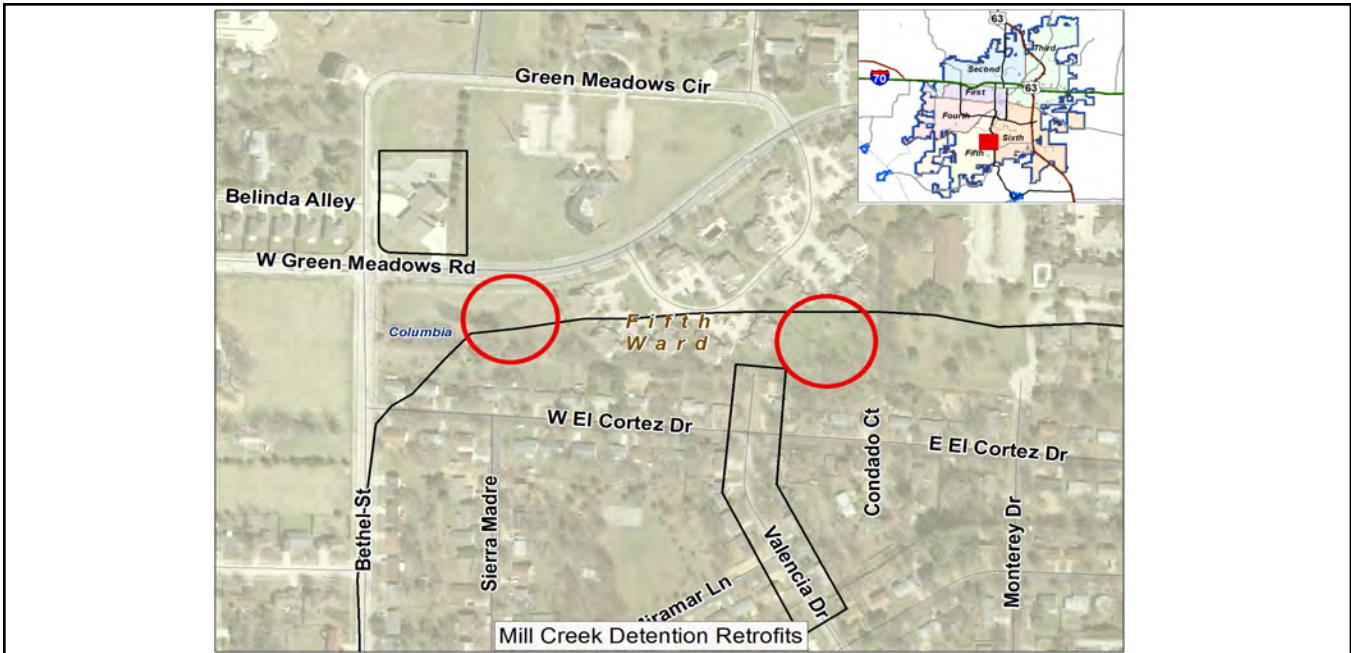


Mill Creek Detention Retrofits Description: Retrofit detention basins on PUD properties for the water quality storm.	Ward	Begin Design	Begin Construction
	5	2025	2025
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$300,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$300,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
Conceptual

Factors Effecting Timing/Completion of Project:
Funding, easements, weather

Eligible Funding Sources: Future Ballot Master Plan:	FY	Eligible Funding Sources	Amount
	2025	Future Ballot	\$300,000
			\$300,000



Mill Creek Phase 3 - SS111

Description:
 Improve flooding intersection of Valencia & El Cortez.
 Install water quality improvements.

Ward	Begin Design	Begin Construction
5	2025	2025
Eligible for Percent for Arts?		No
Current Funding Request:		\$210,000
Total Appropriated:		\$0
Total City Project Cost:		\$210,000
Est. Project Balance: 09/30/2016		\$0

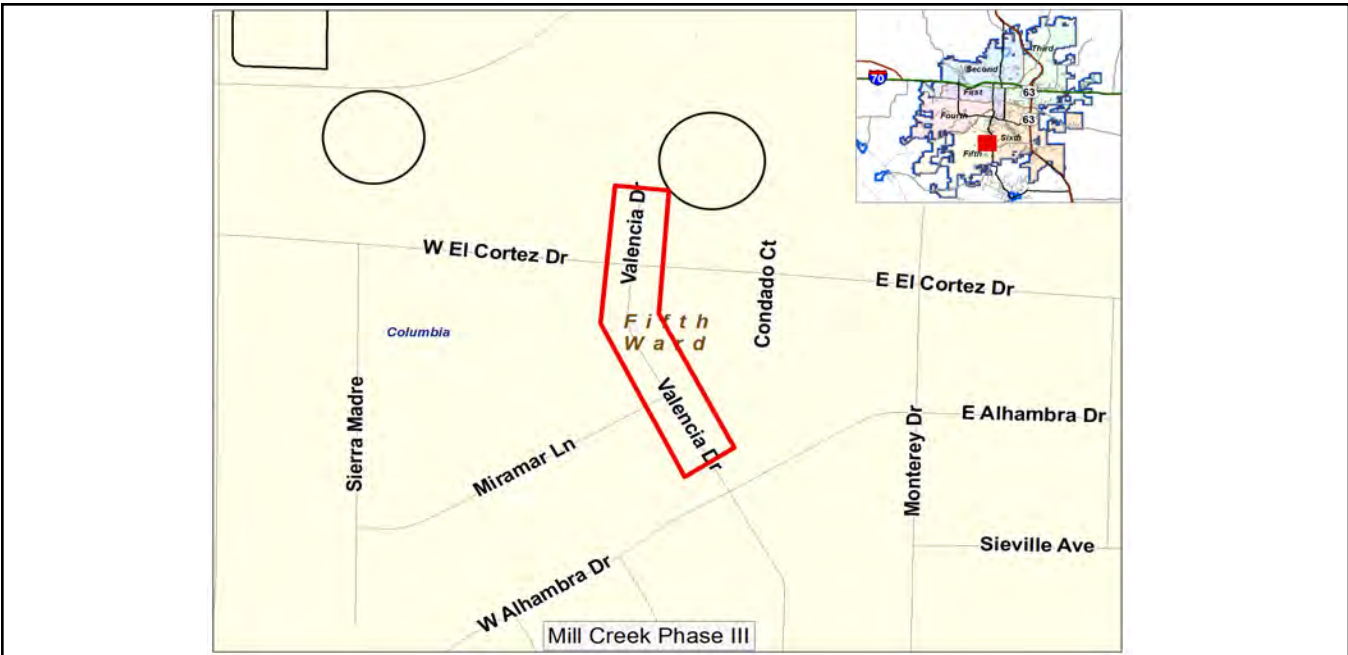
Current Status:
 Future project

Factors Effecting Timing/Completion of Project:
 Funding, weather, easements

Eligible Funding Sources:
 Future Ballot and Enterprise Revenue

Master Plan:

FY	Eligible Funding Sources	Amount
2025	Ent Rev	\$210,000
		\$210,000

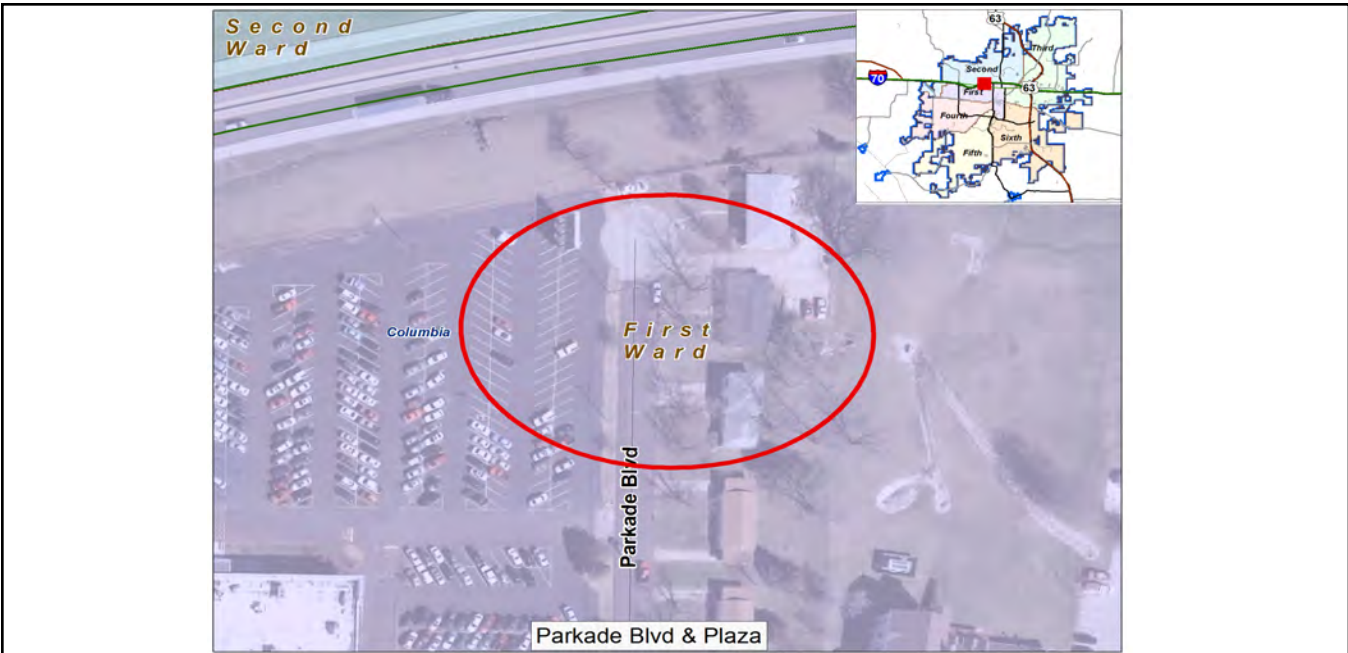


Parkade Blvd and Plaza Description: Replace undersized and failing system and install detention and water quality improvements.	Ward	Begin Design	Begin Construction
	1	2025	2026
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$350,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$350,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
Conceptual

Factors Effecting Timing/Completion of Project:
Funding, easements, weather

Eligible Funding Sources: Future Ballot Master Plan:	FY	Eligible Funding Sources	Amount
	2028	Future Ballot	\$350,000
			\$350,000



Proctor Drive Description: Culvert replacement due to street flooding. Coordinate with Public Works Street Division to share cost.	Ward	Begin Design	Begin Construction
	2	2025	2025
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$300,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$300,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
 Future project

Factors Effecting Timing/Completion of Project:
 Funding, coordination with Streets

Eligible Funding Sources: Future Ballot Master Plan:	FY	Eligible Funding Sources	Amount
	2028	Future Ballot	\$300,000
			\$300,000



Rollins/Cowan/Ridge Drainage Description: Inlet/pipe replacement	Ward	Begin Design	Begin Construction
	4	2025	2026
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$170,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$170,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
 Future project

Factors Effecting Timing/Completion of Project:
 funding

Eligible Funding Sources: Future Ballot Master Plan:	FY	Eligible Funding Sources	Amount
	2025	Future Ballot	\$170,000
			\$170,000

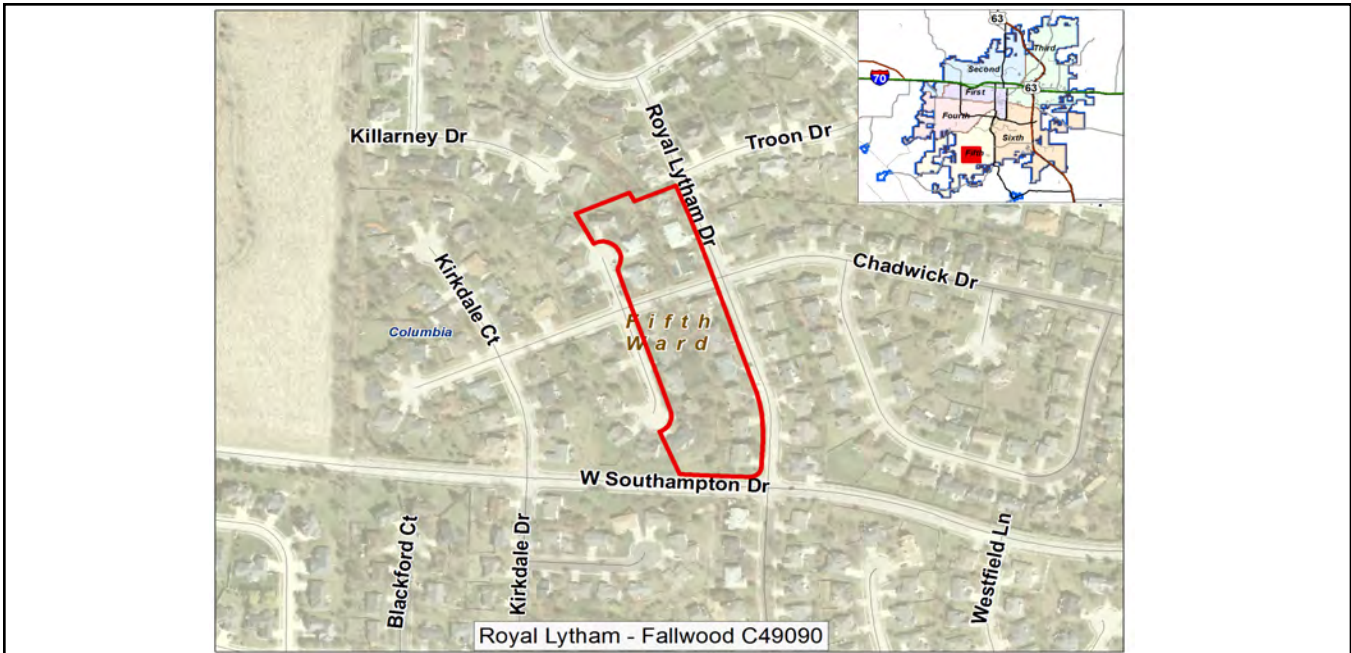


Royal Lytham - Fallwood - SS090 Description: Reconstruct existing stormwater system to reduce flooding issues, including water quality improvements	Ward	Begin Design	Begin Construction
	5	2023	2024
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$400,000
	Total Appropriated:		\$22,537
	Total City Project Cost:		\$422,537
	Est. Project Balance: 09/30/2016		\$0

Current Status:
 Project on hold due to funding.

Factors Effecting Timing/Completion of Project:
 Funding, permits

Eligible Funding Sources: Enterprise Revenue and Future Ballot	FY	Eligible Funding Sources	Amount
	2023	Future Ballot	\$50,000
Master Plan:	2024	Future Ballot	\$350,000
			\$400,000



<p>Sexton Road at Jackson</p> <p>Description: Replace existing stormwater system to reduce flooding issues.</p>	Ward	Begin Design	Begin Construction
	1	2022	2023
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$345,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$345,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
Future Project

Factors Effecting Timing/Completion of Project:
Funding

Eligible Funding Sources: Future Ballot	FY	Eligible Funding Sources	Amount
	2022	Future Ballot	\$30,000
	2023	Future Ballot	\$315,000
			\$345,000
Master Plan:			

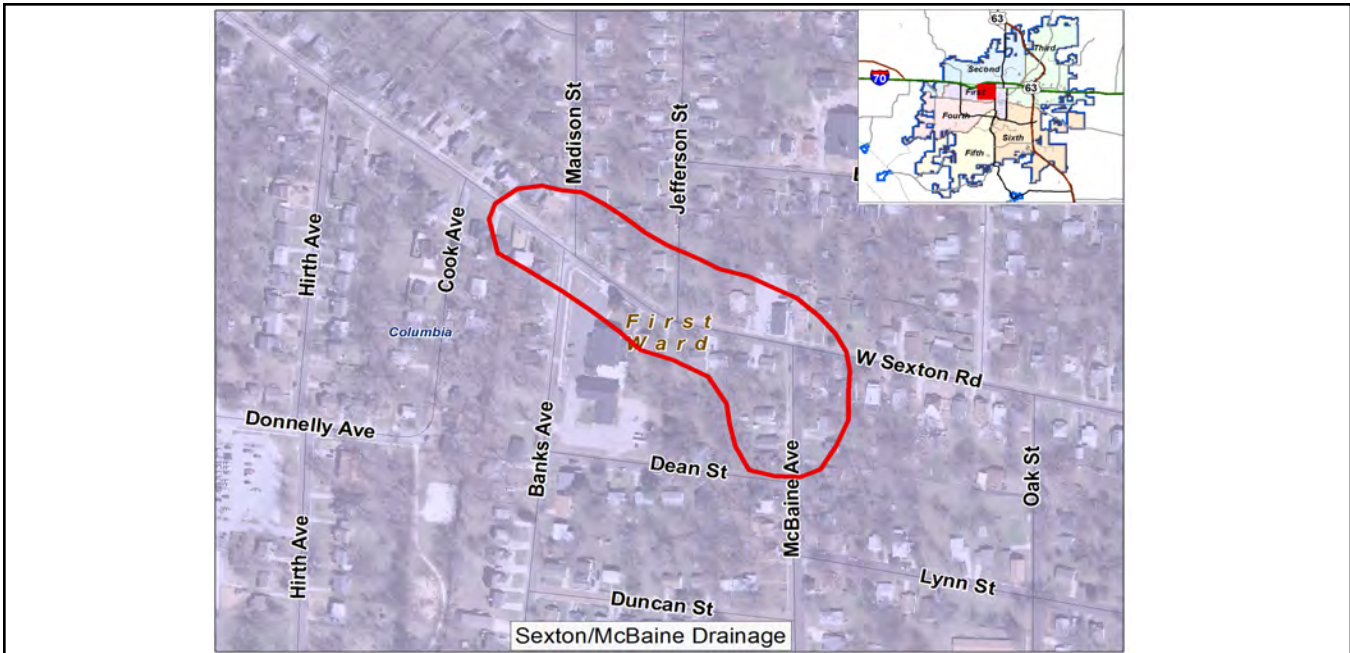


Sexton/McBaine Drainage Description: Replace existing storm water drain to reduce flooding issues.	Ward	Begin Design	Begin Construction
	1	2021	2023
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$280,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$280,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
 Future project

Factors Effecting Timing/Completion of Project:
 Funding

Eligible Funding Sources: Future Ballot	FY	Eligible Funding Sources	Amount
	2021	Future Ballot	\$30,000
	2023	Future Ballot	\$250,000
			\$280,000
Master Plan:			



Stormwater Master Plan Description: Stormwater Utility Master Plan - Watershed studies	Ward	Begin Design	Begin Construction
	NA	2025	2026
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$477,600
	Total Appropriated:		\$0
	Total City Project Cost:		\$477,600
	Est. Project Balance: 09/30/2016		\$0

Current Status: Future Project
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Factors Effecting Timing/Completion of Project: Funding

Eligible Funding Sources: Future Ballot Master Plan:	FY	Eligible Funding Sources	Amount
	2025	Future Ballot	\$477,600
			\$477,600

Empty space for additional details

Vandiver/Sylvan Storm Drainage Description: Reconstruction of storm water drainage on major arterial to relieve flooding. Includes water quality improvements. Needs to be coordinated with Calvert Drive Sewer.	Ward	Begin Design	Begin Construction
	3	2021	2022
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$1,100,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$1,100,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
 Future project

Factors Effecting Timing/Completion of Project:
 Funding

Eligible Funding Sources: Future Ballot Master Plan:	FY	Eligible Funding Sources	Amount
	2021	Future Ballot	\$100,000
	2022	Future Ballot	\$1,000,000
			\$1,100,000

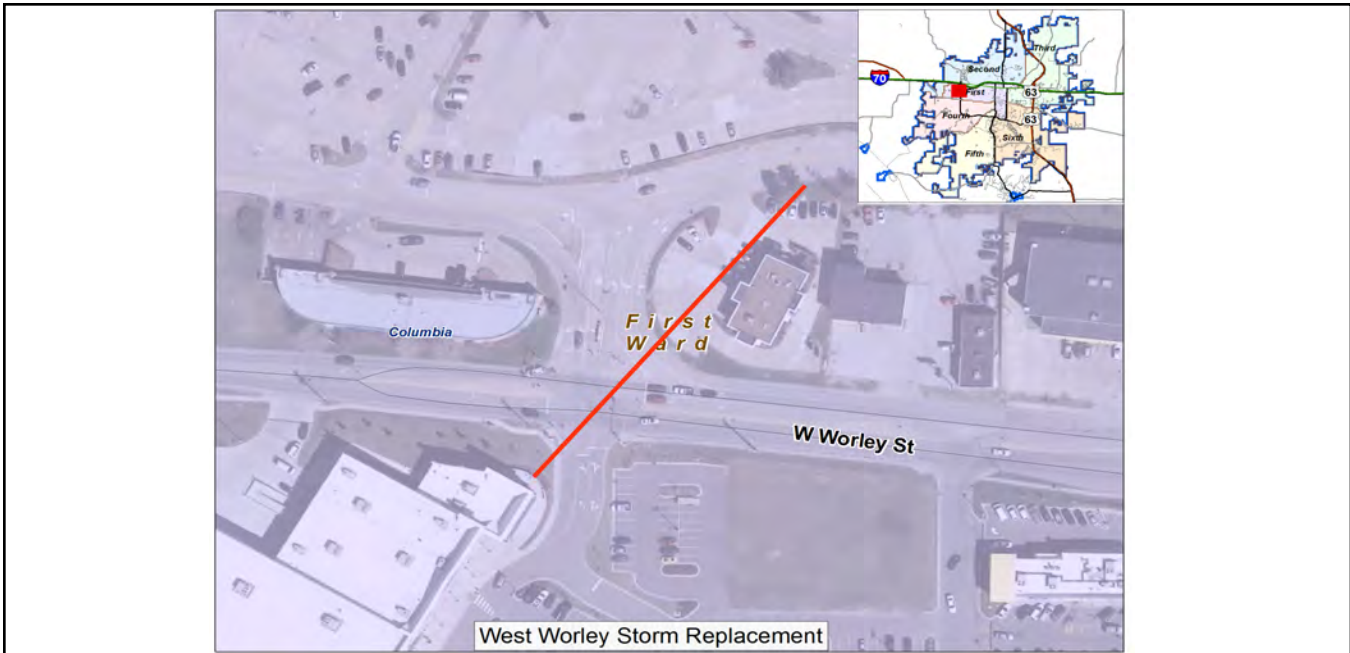


West Worley Storm System Replacement - SS119 Description: Project involves the replacement or rehabilitation of approximately 200 linear feet of 72 inch diameter storm sewer near West Worley and Stadium Blvd.	Ward	Begin Design	Begin Construction
	1	2025	2025
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$207,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$207,000
	Est. Project Balance: 09/30/2016		\$132,000

Current Status:
 Future Project

Factors Effecting Timing/Completion of Project:
 Weather, easements

Eligible Funding Sources: Enterprise Revenue Master Plan:	FY	Eligible Funding Sources	Amount
	2025	Ent Rev	\$207,000
			\$207,000

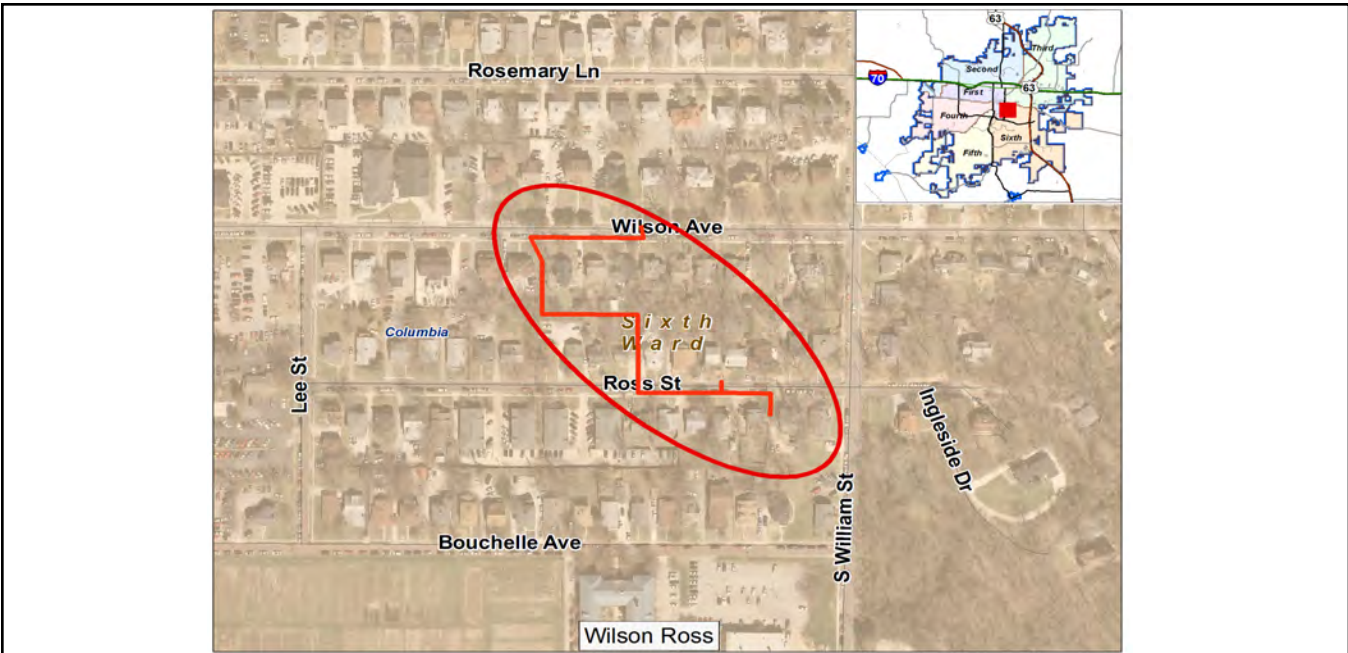


Wilson Ross - SS112 Description: Replace undersized, failing box pipes, create an overflow section, replace failing pipes.	Ward	Begin Design	Begin Construction
	6	2025	2026
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$155,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$155,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
 Design is 95% complete. Project is on hold until easements can be acquired.

Factors Effecting Timing/Completion of Project:
 Funding, easements, weather, coordination with sewer project

Eligible Funding Sources: Future Ballot and Enterprise Revenue Master Plan:	FY	Eligible Funding Sources	Amount
	2025	Future Ballot	\$155,000
			\$155,000



Worley Again East Phase I Description: Replace undersized system and install detention and water quality improvements. Buy and remove house to facilitate project and reduce flooding.	Ward	Begin Design	Begin Construction
	1	2021	2022
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$450,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$450,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
Conceptual

Factors Effecting Timing/Completion of Project:
Funding, easements, weather

Eligible Funding Sources: Future Ballot	FY	Eligible Funding Sources	Amount
	2021	Ent Rev - 2015 Ballot	\$60,000
	2022	Ent Rev - 2015 Ballot	\$390,000
			\$450,000
Master Plan:			



Storm Water 10+ Year Projects

	Project Name	Ward
1	2302 Business 70 East [ID: 1372]	3
2	Pear Tree Circle Storm Drainage [ID: 834]	5
3	Rangeline Street Smith Street [ID: 1478]	1
4	Salt Storage Site Improvements [ID: 1320]	2
5	Sappington Drainage [ID: 823]	4

5 Projects

Solid Waste Utility Capital Projects

Planning

The multi-year Capital Improvement Plan (CIP) budget is updated annually. Collections, Recovery and Disposal functions of the utility require facility expansions periodically to account for collections and administration needs, material handling and disposal space as well as compliance with regulatory requirements. Evaluation for CIP needs is influenced by the quantity of material collected and received for processing and disposal. As landfill space is consumed, plans must be implemented for the next disposal cell and, eventually, the regulatory permitting of additional disposal space.

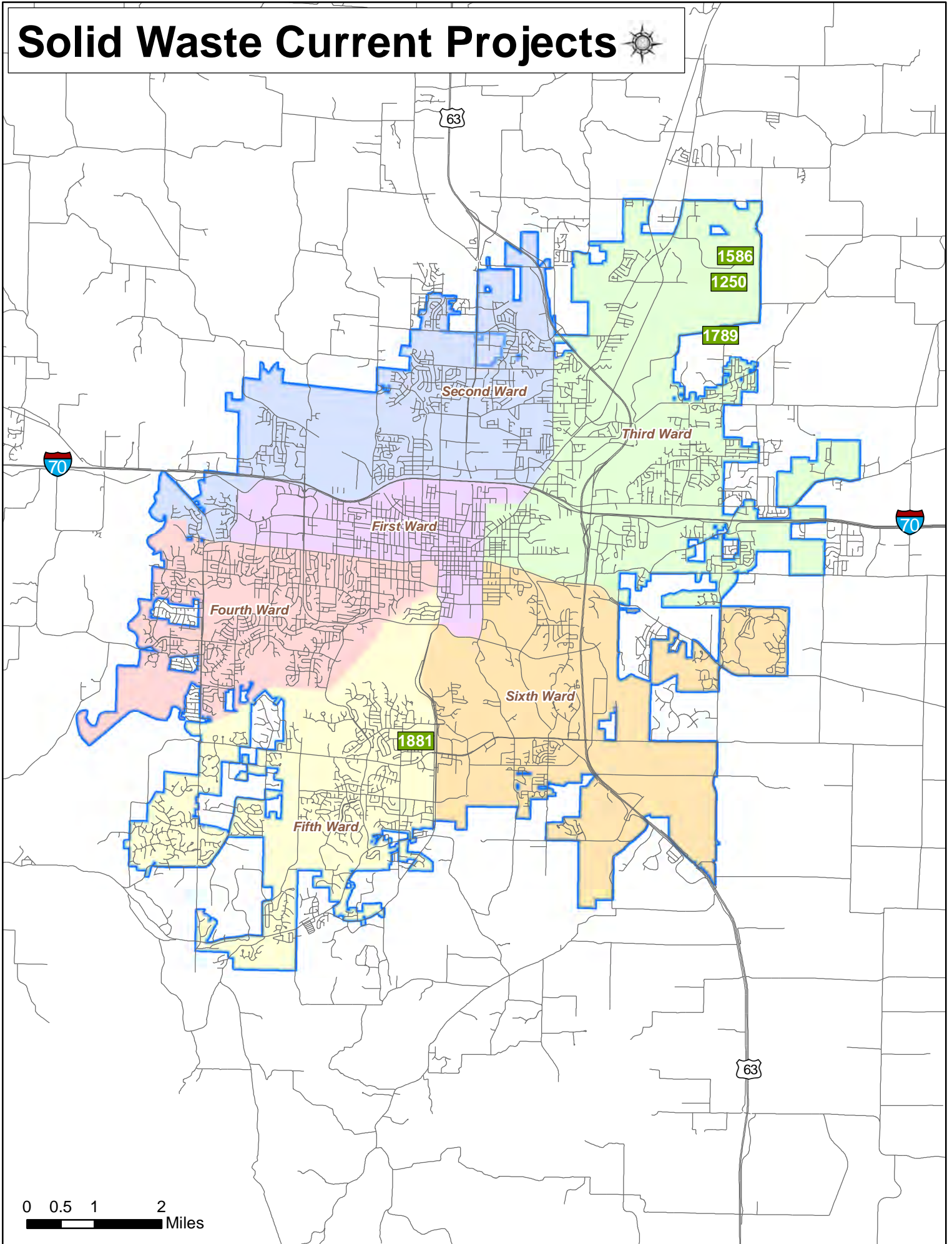
Recycling quantities and material market development over time justifies expansion of the Material Recovery Facility. As food waste collection grows and additional composting opportunities arise, expansion of the compost facility and/or remote mulch sites may be required. Other items may be required or deemed economically justifiable to provide additional capacity or improve efficiency of operations.

Funding

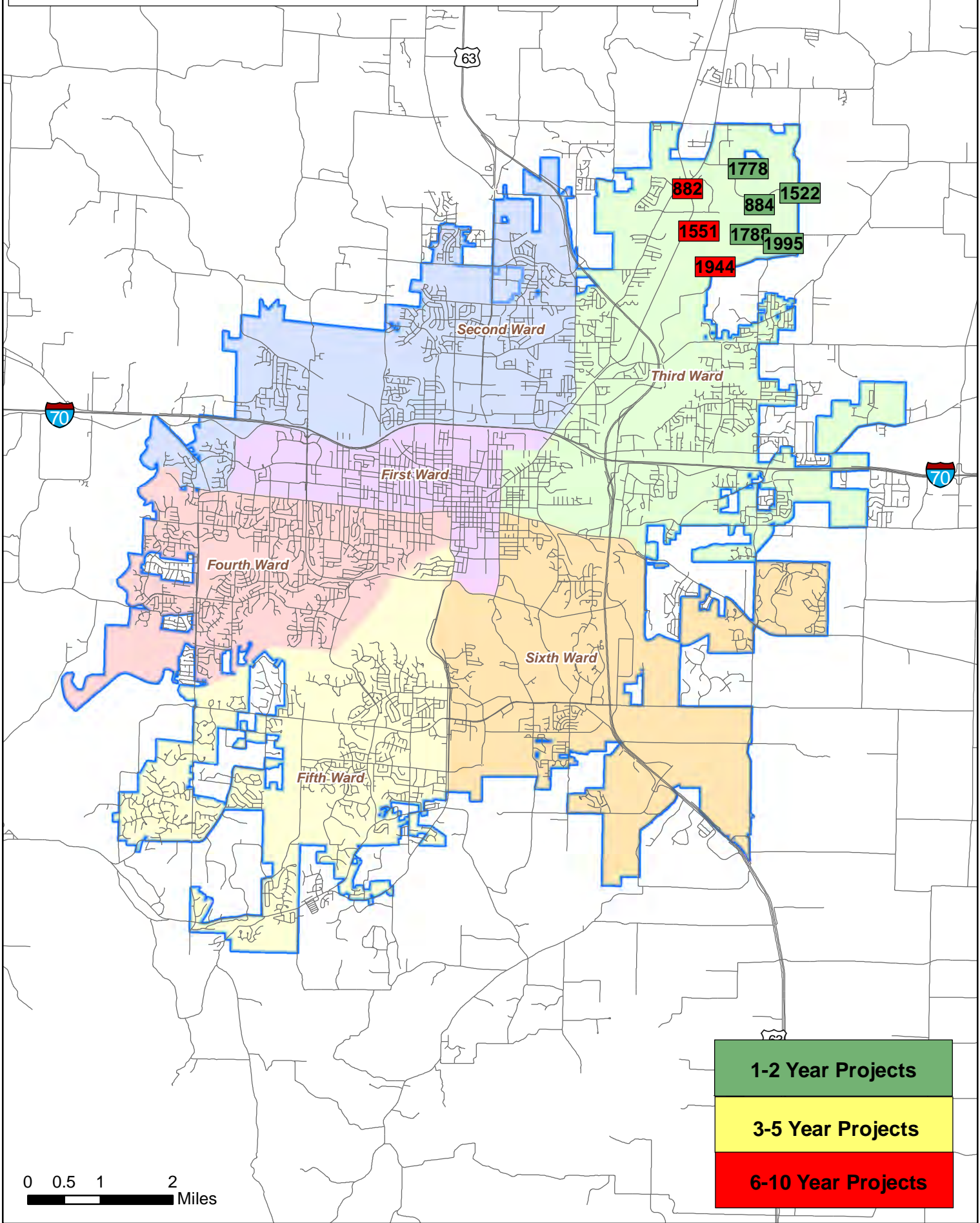
Funding is primarily derived from enterprise revenue. In addition, since the early 1990's the City has taken advantage of available grant funding to expand recovery efforts (recycling, composting, waste minimization).

The Solid Waste Management Master Visioning Plan was developed in summer 2008 to outline a direction for the future. The plan was updated in 2011 and again in 2015. The visioning plan includes types of collection, equipment, landfill and material recovery programs. A cost of service study was conducted in 2014-2015 to determine rates required to sustain and expand the utility as the City grows and industry standards and regulations evolve. A Material Recovery Facility evaluation is planned for 2016-2017 to evaluate the most feasible recycling system for a community of this size with both collection and processing options to be analyzed. As operations have grown substantially over the past 45 years, the relocation of Administration and Collections staff and equipment is underway with facilities to be constructed and move completed in 2016-2017.

Solid Waste Current Projects



Solid Waste Overall Projects



Solid Waste CIP Projects

Project Name	Status	Ward	Begin Construction	Total Appropriated	Funding Still Needed	Unfunded/Future Ballot Amount
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Annual

1 Methane Gas Extraction Wells - RF031 [ID: 883]	On-going	3	2014	\$1,825,947		
1 Projects				\$1,825,947	\$0	\$0

Project Name	Status	Ward	Begin Construction	Total Project Cost	Funding Still Needed	Unfunded/Future Ballot Amount
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Current

1 Agriturf for Bioreactor Cell RF050 [ID: 1586]	Preliminary Design	3	2016	\$289,513		
2 Collection and Admin Relocation-Landfill RF048 [ID: 1250]	Construction	3	2016	\$5,206,103		
3 Landfill & Compost Facility Stormwater Comp RF058 [ID: 1945]	In Service	3	2016	\$245,000		
4 LF Gas to Energy (LFG) Heat Recovery Syst -RF054 [ID: 1789]	Construction	3	2016	\$325,000		
5 Recycling Drop-off Site - S. Providence Rd - RF053 [ID: 1881]	In Service	5	2015	\$140,278		
5 Projects				\$6,205,894	\$0	\$0

1-2 Years

1 Disposal Cell #6 - RF059 [ID: 1522]	Preliminary Design	3	2017	\$4,352,155	\$4,000,000	
2 Landfill Fuel Station Pump Addition - RF060 [ID: 1995]	Proposed	3	2017	\$70,000		
3 Landfill Wetlands - RF057 [ID: 1788]	Bid	3	2017	\$500,000		
4 Leachate Storage & Handling - RF051 [ID: 1778]	Preliminary Design	3	2017	\$556,672		
5 Material Recovery Facility Phase 1 - RF055 [ID: 884]	Proposed	3	2018	\$1,500,000	\$1,300,000	
5 Projects				\$6,978,827	\$5,300,000	\$0

3-5 Years

1 Landfill Expansion Permitting - RF061 [ID: 1585]	Proposed	3	2019	\$600,000	\$400,000	
1 Projects				\$600,000	\$400,000	\$0

6-10 Years

1 Disposal Cell #7 [ID: 1944]	Proposed	3	2024	\$4,000,000	\$4,000,000	
2 Household Hazardous Waste Building [ID: 882]	Proposed	3	2024	\$350,000	\$350,000	
3 Material Recovery Facility Expansion Phase 2 [ID: 1551]	Proposed	3	2024	\$2,400,000	\$2,400,000	
3 Projects				\$6,750,000	\$6,750,000	\$0

15 Total Projects

\$22,360,668 \$12,450,000 \$0

Disposal Cell #6 - RF059

Description:
 Current landfill disposal cell number 5 is projected to be filled to designed intermediate level in January 2017. A new disposal cell must be ready at that time.

Ward	Begin Design	Begin Construction
3	2016	2017
Eligible for Percent for Arts?		No
Current Funding Request:		\$4,000,000
Total Appropriated:		\$352,155
Total City Project Cost:		\$4,352,155
Est. Project Balance: 09/30/2016		\$0

Current Status:
 10/13/16: Design in progress

Factors Effecting Timing/Completion of Project:
 Weather

Eligible Funding Sources:
 Enterprise Revenue, Future bond

Master Plan:
 2011 Solid Waste Management Master Visioning Plan

FY	Eligible Funding Sources	Amount
2017	Loan / Bond	\$4,000,000
		\$4,000,000



Landfill Fuel Station Pump Addition - RF060

Description:
 With the relocation of the Solid Waste Collection operation to the landfill site, the Landfill diesel fueling station needs additional pumps to support demand, once the diesel-fueled refuse collection trucks are housed on site.

Ward	Begin Design	Begin Construction
3	2017	2017
Eligible for Percent for Arts?		No
Current Funding Request:		\$0
Total Appropriated:		\$70,000
Total City Project Cost:		\$70,000
Est. Project Balance: 09/30/2016		\$70,000

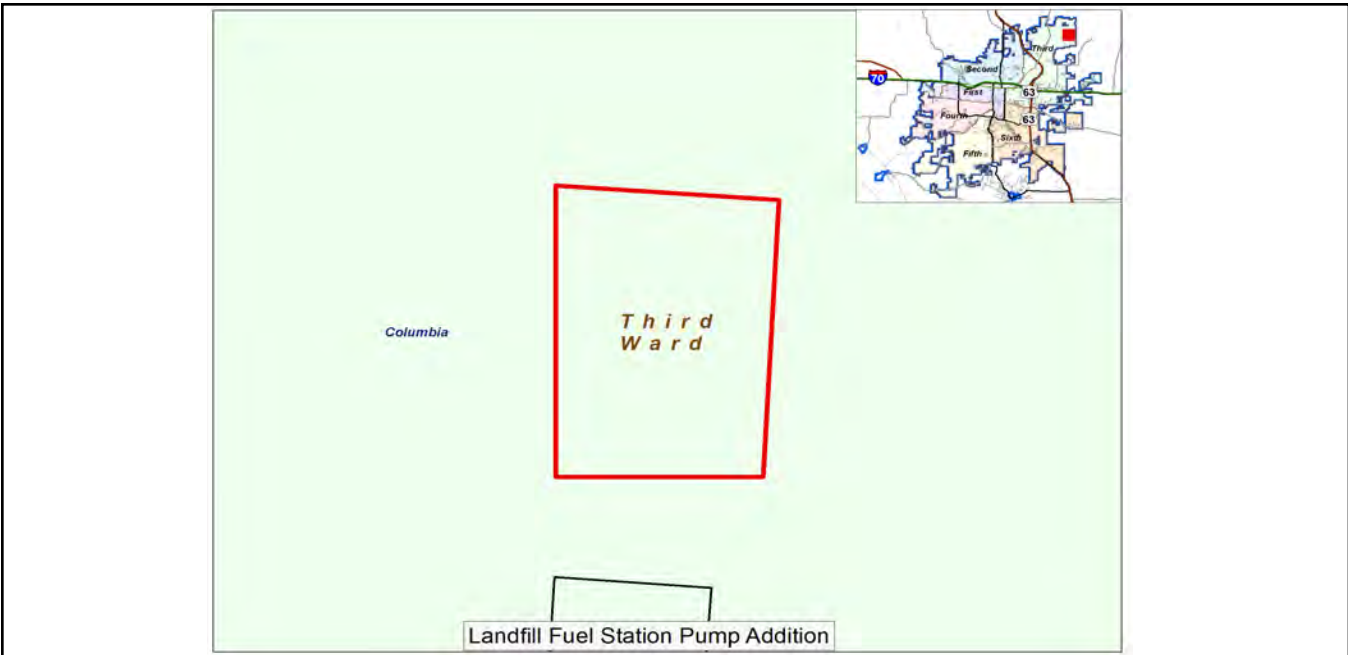
Current Status:
 10/13/16: Proposed future project

Factors Effecting Timing/Completion of Project:
 Weather

Eligible Funding Sources:
 Enterprise Revenue

Master Plan:
 2015 Master Plan

FY	Eligible Funding Sources	Amount
2017	Ent Rev	\$70,000
		<u>\$70,000</u>



Landfill Wetlands - RF057

Description:
 Construct tertiary wetland at the landfill to receive stormwater discharge from three current NPDES outfalls. This will provide additional water quality improvement staging prior to any throughput to Hinkson Creek.

Ward	Begin Design	Begin Construction
3	2014	2017
Eligible for Percent for Arts?		No
Current Funding Request:		\$0
Total Appropriated:		\$500,000
Total City Project Cost:		\$500,000
Est. Project Balance: 09/30/2016		\$500,000

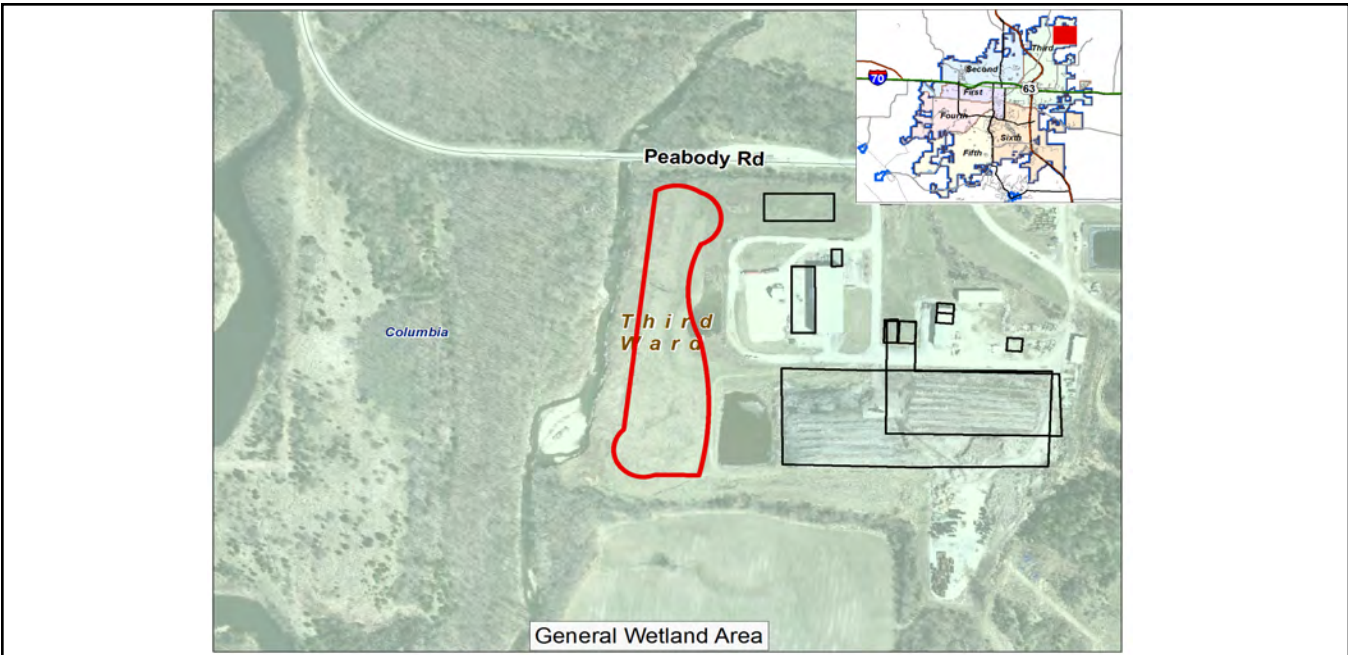
Current Status:
 10/13/16: To be constructed as part of Upper Hinkson Creek Outfall Sewer Extension Project. It is anticipated that the sewer project will be bid in December 2016.

Factors Effecting Timing/Completion of Project:
 Weather, Funding

Eligible Funding Sources:
 Enterprise Revenue

Master Plan:
 Yes, Solid Waste Master Plan, Updated 2011

FY	Eligible Funding Sources	Amount
2017	Ent Rev	\$275,000
		<u>\$275,000</u>

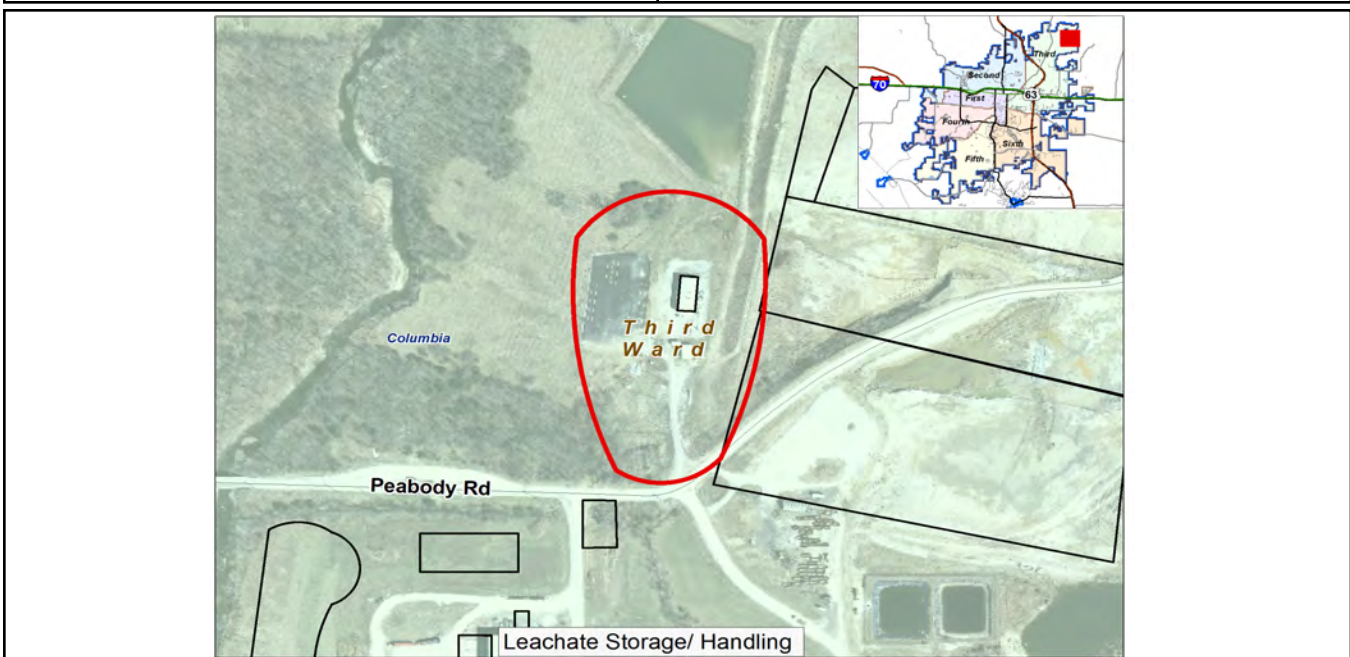


<p>Leachate Storage & Handling - RF051</p> <p>Description: Evaluate and construct storage and treatment/handling/recirculation system options for landfill leachate to address analysis limitations for wastewater treatment permit regulatory compliance.</p>	Ward	Begin Design	Begin Construction
	3	2016	2017
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$0
	Total Appropriated:		\$556,672
	Total City Project Cost:		\$556,672
	Est. Project Balance: 09/30/2016		\$475,347

Current Status:
10/13/16: Project in design. Project is proposed to be constructed along with Cell #6 project.

Factors Effecting Timing/Completion of Project:
Funding, weather, WWTP permit requirements

<p>Eligible Funding Sources: Enterprise Revenue</p> <p>Master Plan: None</p>	FY	Eligible Funding Sources	Amount

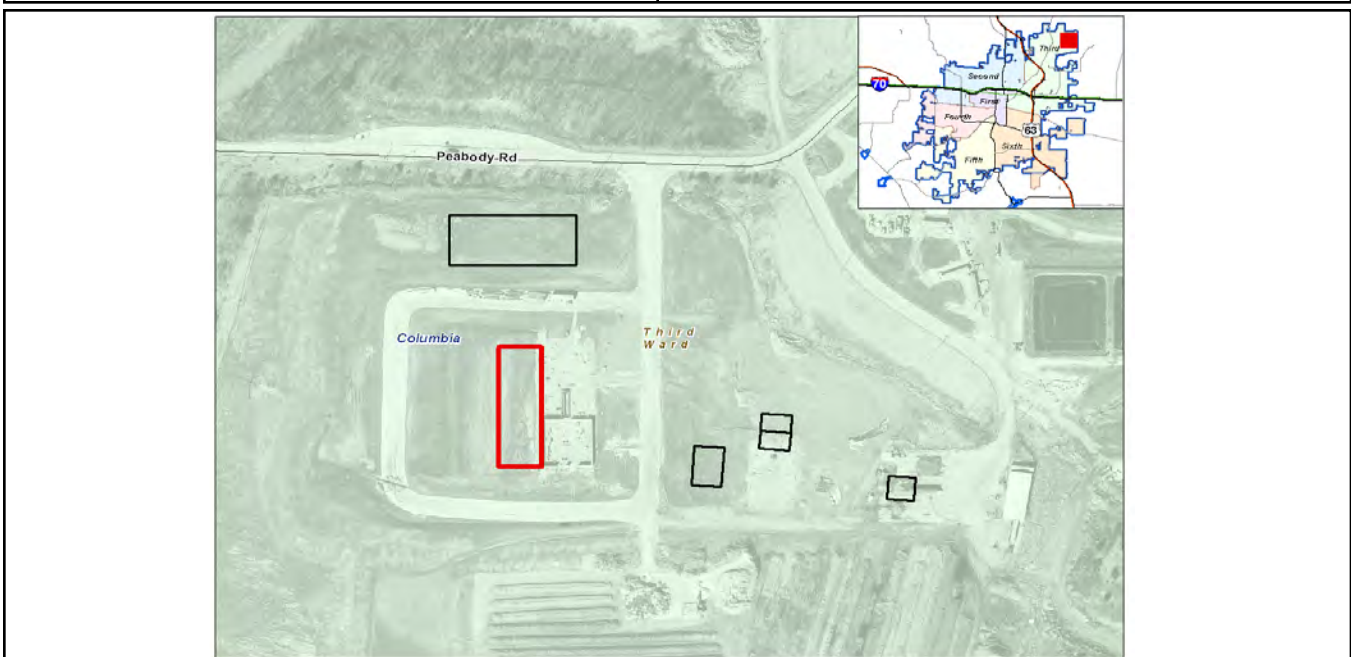


<p>Material Recovery Facility Phase 1 - RF055</p> <p>Description: Expansion of the Material Recovery Facility Phase 1</p>	Ward	Begin Design	Begin Construction
	3	2017	2018
	Eligible for Percent for Arts?		Yes
	Current Funding Request:		\$1,300,000
	Total Appropriated:		\$200,000
	Total City Project Cost:		\$1,500,000
	Est. Project Balance: 09/30/2016		\$200,000

Current Status:
10/13/16: Proposed future project

Factors Effecting Timing/Completion of Project:
Funding and construction

<p>Eligible Funding Sources: Enterprise Revenue</p> <p>Master Plan: 2011 Solid Waste Management Master Visioning Plan</p>	FY	Eligible Funding Sources	Amount
	2018	Ent Rev	\$1,300,000
			\$1,300,000



<p>Landfill Expansion Permitting - RF061</p> <p>Description: Permitting of new disposal areas with the Missouri DNR takes 5 years or more on existing property. Our capacity projections on currently permitted space result in fill completion around 2022-2024</p>	Ward	Begin Design	Begin Construction
	3	2017	2019
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$400,000
	Total Appropriated:		\$200,000
	Total City Project Cost:		\$600,000
	Est. Project Balance: 09/30/2016		\$200,000

<p>Current Status: 10/13/16: Proposed Future Project</p>

<p>Factors Effecting Timing/Completion of Project: Pace of filling current space, funding</p>
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<p>Eligible Funding Sources: Enterprise Revenue</p> <p>Master Plan: 2011 Solid Waste Management Master Visioning Plan</p>	FY	Eligible Funding Sources	Amount
	2017	Ent Rev	\$200,000
	2018	Ent Rev	\$200,000
	2019	Ent Rev	\$200,000
			\$600,000

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Disposal Cell #7 Description: Design and construction funding for Cell #7, the first disposal cell in the new landfill area (pending regulatory permit approval).	Ward	Begin Design	Begin Construction
	3	2023	2024
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$4,000,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$4,000,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
 Current landfill permitted space will be filled and additional regulatory permitting completed for future disposal space needs during FY2017-FY2022. This would be the design and construction funding for the first cell of the new acreage/air space permitted.

Factors Effecting Timing/Completion of Project:
 Weather, permit approval, funding, MO DNR Landfill expansion approval, waste acceptance rates (currently stable)

Eligible Funding Sources: Enterprise Revenue, Future Bond Master Plan: Solid Waste Master Plan	FY	Eligible Funding Sources	Amount
	2021	Ent Rev	\$1,000,000
	2022	Ent Rev	\$1,000,000
	2023	Ent Rev	\$1,000,000
	2024	Ent Rev	\$1,000,000
			\$4,000,000



Household Hazardous Waste Building

Description:
Move the HHW collection facility to a master planned location near the MRF at the landfill property.

Ward	Begin Design	Begin Construction
3	2024	2024
Eligible for Percent for Arts?		No
Current Funding Request:		\$350,000
Total Appropriated:		\$0
Total City Project Cost:		\$350,000
Est. Project Balance: 09/30/2016		\$0

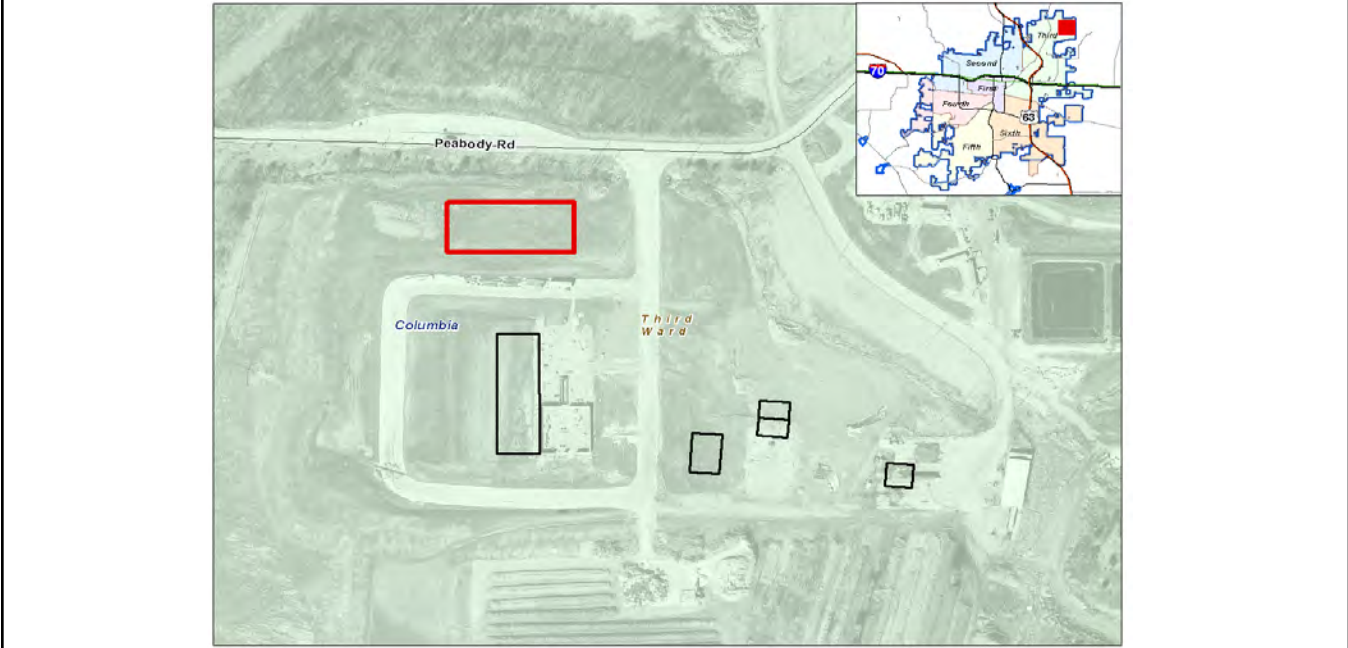
Current Status:
Future project FY2024

Factors Effecting Timing/Completion of Project:
Funding and construction

Eligible Funding Sources:
Enterprise Revenue

Master Plan:
2011 Solid Waste Management Master Visioning Plan

FY	Eligible Funding Sources	Amount
2024	Ent Rev	\$350,000
		\$350,000



Material Recovery Facility Expansion Phase 2

Description:
 Expand MRF for growth and potentially different processing depending on direction of automated collection, new technology, etc. Continue development of processing capabilities for facility expansion planned to initiate through evaluation in 2015.

Ward	Begin Design	Begin Construction
3	2024	2024
Eligible for Percent for Arts?		No
Current Funding Request:		\$2,400,000
Total Appropriated:		\$0
Total City Project Cost:		\$2,400,000
Est. Project Balance: 09/30/2016		\$0

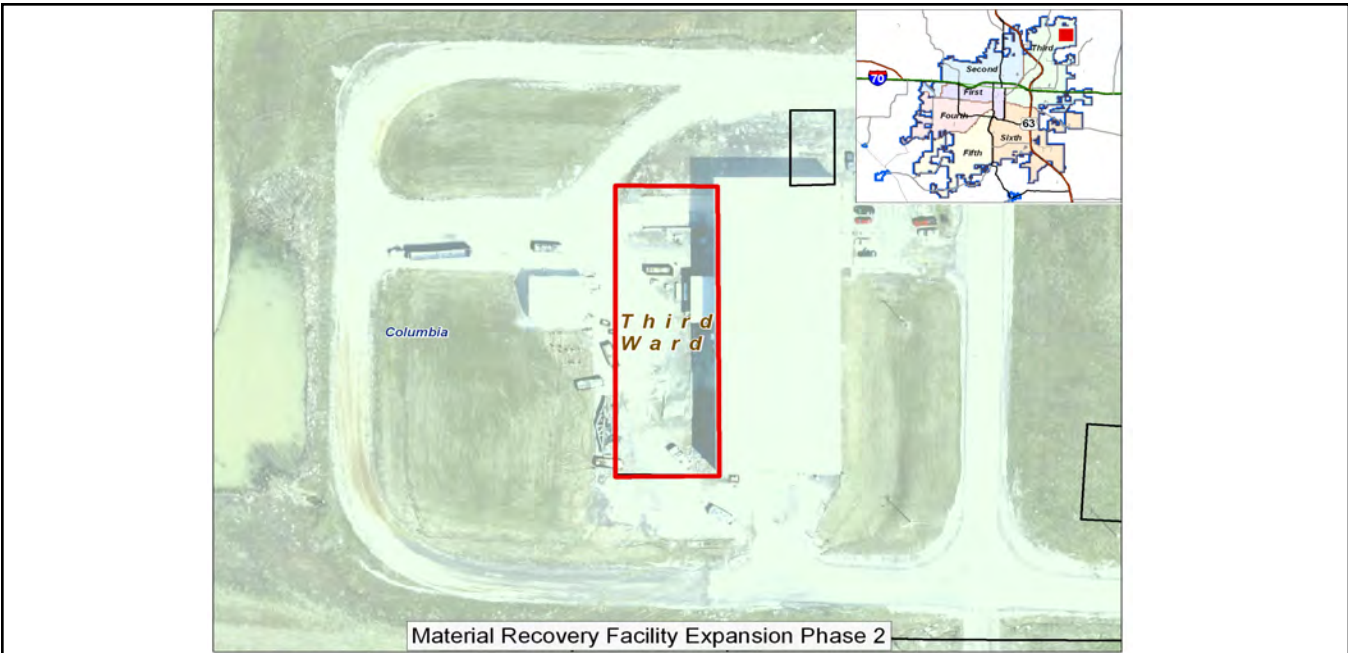
Current Status:
 Future Project

Factors Effecting Timing/Completion of Project:
 Weather and funding

Eligible Funding Sources:
 Enterprise Revenue

Master Plan:
 2011 Solid Waste Management Master Visioning Plan

FY	Eligible Funding Sources	Amount
2024	Ent Rev	\$2,400,000
		\$2,400,000



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Parking Utility Capital Projects

Planning

The Capital Improvements Plan (CIP) Budget is updated annually. The CIP is a multi-year plan for capital expansion and the replacement/repair of aging facilities. As part of preparing the CIP, the parking inventory is evaluated for adequacy, and/or maintenance upgrade requirements. The staff of the parking utility develops recommendations for the CIP after consultation with City, other Public Works staff and the Downtown Community Improvement District parking committee. Periodic use of professional consultation to perform a parking study is a major working tool for the Utility. These recommendations then go through a review process that includes the Director of Public Works, the City Manager, and finally the Columbia City Council.

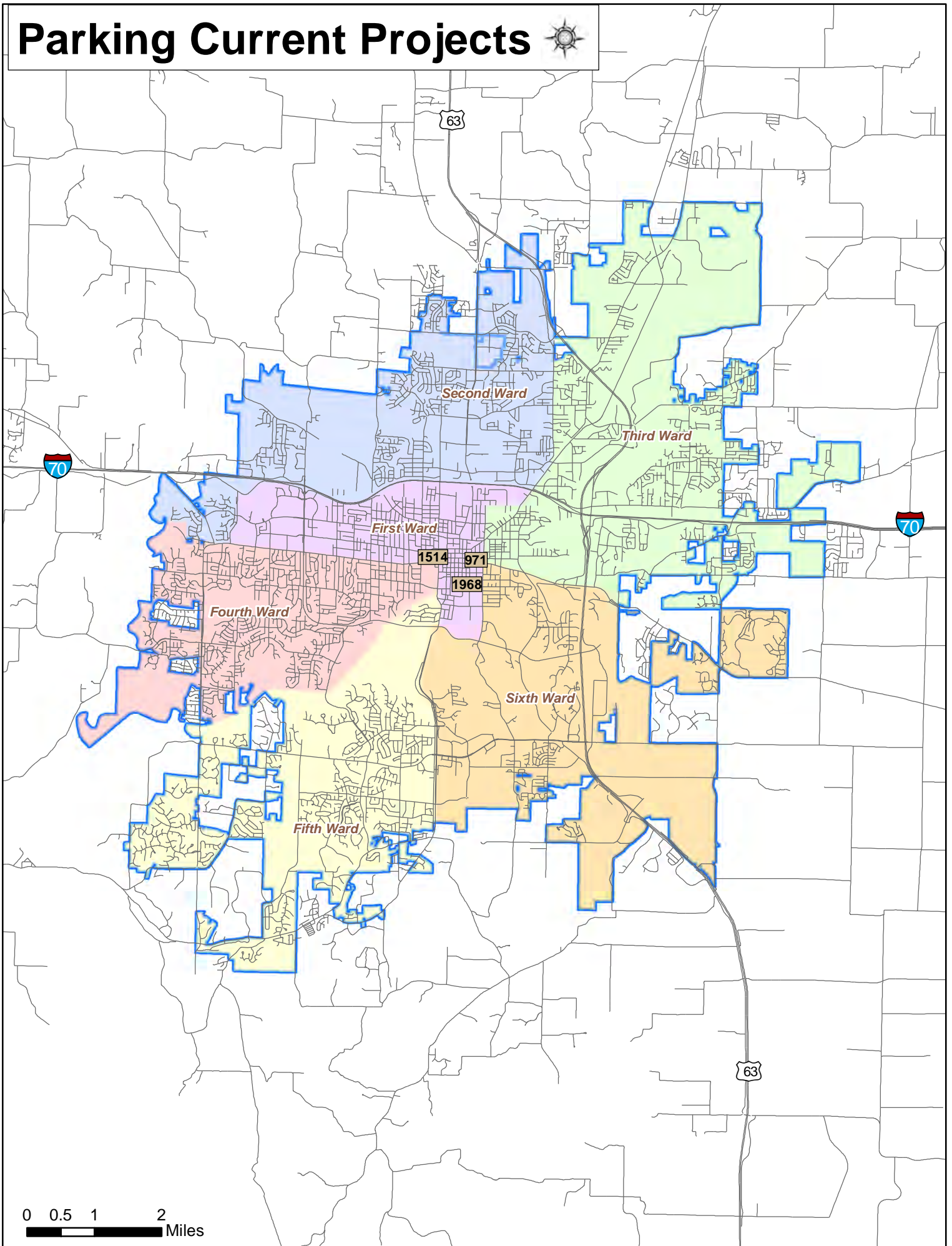
The inputs from all sources are utilized to make the recommendations outlined in the annual CIP. This includes evaluation of parking availability, evaluation of parking growth patterns and upgrade items that will increase customer convenience. Safety issues are continuously a part of the evaluation and include pedestrian traffic, egress issues, lighting, vehicular traffic and security. Communication for customer safety remains a major evaluation issue for the Utility, including ADA compliance throughout all parking areas.

Funding

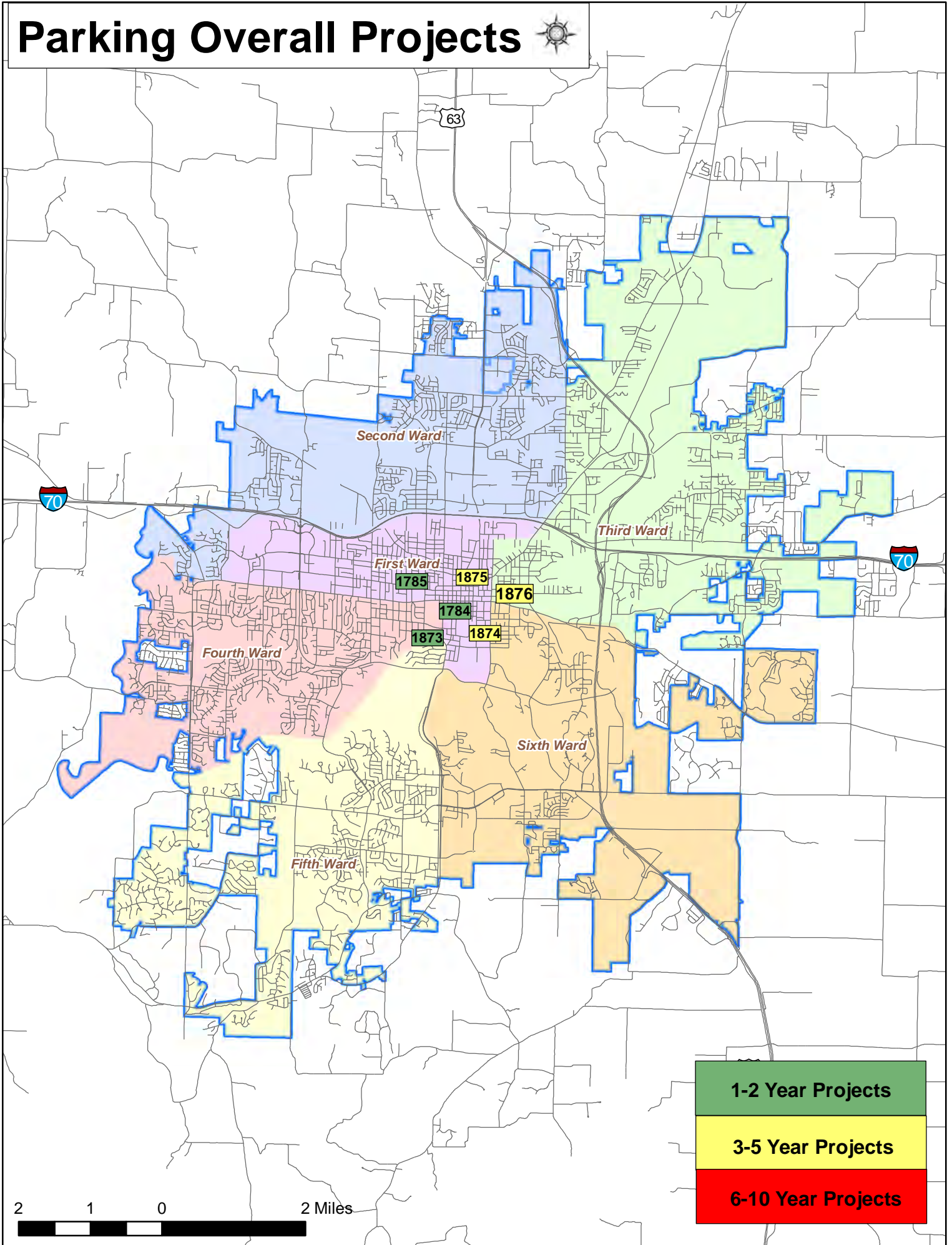
Funding for the CIP program is Parking Utility Enterprise revenue. In general, since the Parking Utility is required to be self sufficient, then funding would need to come entirely from its enterprise revenues.

A master plan should be developed for the Parking Utility to utilize the entire city and not be restricted to the downtown area. A master plan will provide direction for the future of the utility.

Parking Current Projects



Parking Overall Projects



Parking CIP Projects

Project Name	Status	Ward	Begin Construction	Total Project Cost	Funding Still Needed	Unfunded/Future Ballot Amount
Current						
1 8th & Cherry - Energy Efficiency - PK058 [ID: 1968]	Proposed		2016	\$300,000		
2 Ramp Parking Surface Repair - PK054 [ID: 1514]	Bid	1	2016	\$230,000		
3 Short St. Parking Garage - PK051 [ID: 971]	In Service	1	2012	\$12,486,574		
3 Projects				\$13,016,574	\$0	\$0
1-2 Years						
1 6th and Cherry Major Maintenance - PK057 [ID: 1785]	Proposed	1	2017	\$300,000		
2 Automated Payment for 6th & Cherry Garage - PK059 [ID: 1873]	Proposed	1	2018	\$200,000	\$180,000	
3 Automated Payment for Plaza Garage - PK060 [ID: 1784]	Proposed	1	2018	\$250,000	\$240,000	
3 Projects				\$750,000	\$420,000	\$0
3-5 Years						
1 Automated payment for 10th & Cherry Garage [ID: 1874]	Proposed	1	2019	\$200,000	\$200,000	
2 Automated Payment for 5th & Walnut Garage [ID: 1875]	Proposed	1	2020	\$200,000	\$200,000	
3 Automated Payment for 8th & Cherry garage [ID: 1876]	Proposed	1	2021	\$200,000	\$200,000	
3 Projects				\$600,000	\$600,000	\$0
9 Total Projects				\$14,366,574	\$1,020,000	\$0

6th and Cherry Major Maintenance - PK057

Description:
 Implement major maintenance recommended in 2014 structure review.

Ward	Begin Design	Begin Construction
1	2016	2017
Eligible for Percent for Arts?		No
Current Funding Request:		\$0
Total Appropriated:		\$300,000
Total City Project Cost:		\$300,000
Est. Project Balance: 09/30/2016		\$300,000

Current Status:
 10/12/16: Reviewing alternatives for bidding.

Factors Effecting Timing/Completion of Project:
 Funding and Weather

Eligible Funding Sources:
 Enterprise Revenue

Master Plan:

FY	Eligible Funding Sources	Amount
2017	Ent Rev	\$270,000
		\$270,000



<p>Automated Payment for 6th & Cherry Garage - PK059</p> <p>Description: Add automated access control and gate system to the 6th & Cherry garage</p>	Ward	Begin Design	Begin Construction
	1	2017	2018
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$180,000
	Total Appropriated:		\$20,000
	Total City Project Cost:		\$200,000
	Est. Project Balance: 09/30/2016		\$20,000

Current Status:
09/29/16 Funding identified from revenue. 2018 target date.

Factors Effecting Timing/Completion of Project:
Funding

<p>Eligible Funding Sources: Enterprise revenue</p> <p>Master Plan: none</p>	FY	Eligible Funding Sources	Amount
	2017	Ent Rev	\$20,000
	2018	Ent Rev	\$180,000
			\$200,000



Automated Payment for Plaza Garage - PK060

Description:

Remove Payment Booth and replace it with automated access control and gate system. Logical expansion is to use equipment from Short Street Garage which can handle several other garages.

Ward	Begin Design	Begin Construction
1	2017	2018
Eligible for Percent for Arts?		No
Current Funding Request:		\$240,000
Total Appropriated:		\$10,000
Total City Project Cost:		\$250,000
Est. Project Balance: 09/30/2016		\$10,000

Current Status:

10/12/16: Rejected all proposals and reissuing RFP with only gate arm portion of the proposal based on types of responses and information received.

Factors Effecting Timing/Completion of Project:

Funding and Weather

Eligible Funding Sources:

Enterprise Revenue

FY	Eligible Funding Sources	Amount
2017	Ent Rev	\$10,000
2018	Ent Rev	\$240,000
		<u>\$250,000</u>

Master Plan:



<p>Automated payment for 10th & Cherry Garage</p> <p>Description: Add automated access control and gate system to the 10th & Cherry Garage</p>	Ward	Begin Design	Begin Construction
	1	2018	2019
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$200,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$200,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
Proposed

Factors Effecting Timing/Completion of Project:
Funding

<p>Eligible Funding Sources: Enterprise Revenue</p> <p>Master Plan: none</p>	FY	Eligible Funding Sources	Amount
	2018	Ent Rev	\$20,000
	2019	Ent Rev	\$180,000
			\$200,000



<p>Automated Payment for 5th & Walnut Garage</p> <p>Description: Add automated access control and gate system to the 5th & Walnut garage</p>	Ward	Begin Design	Begin Construction
	1	2019	2020
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$200,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$200,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
Proposed

Factors Effecting Timing/Completion of Project:
Funding

<p>Eligible Funding Sources: Enterprise Revenue</p> <p>Master Plan: none</p>	FY	Eligible Funding Sources	Amount
	2019	Ent Rev	\$20,000
	2020	Ent Rev	\$180,000
			\$200,000



<p>Automated Payment for 8th & Cherry garage</p> <p>Description: Add automated access control and gate system to the 8th & Cherry garage</p>	Ward	Begin Design	Begin Construction
	1	2020	2021
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$200,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$200,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
Proposed

Factors Effecting Timing/Completion of Project:
Funding

<p>Eligible Funding Sources: Enterprise Revenue</p> <p>Master Plan: none</p>	FY	Eligible Funding Sources	Amount
	2020	Ent Rev	\$20,000
	2021	Ent Rev	\$180,000
			\$200,000
			\$200,000



Parking 10+ Year Projects

Project Name	Ward
1 Downtown Parking Garage [ID: 1830]	1

1 Projects

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Transit Capital Projects

Planning

The Capital Improvements Plan (CIP) budget is updated annually. The CIP is a multi-year plan for capital expansion and the replacement of aging facilities or equipment. As part of preparing the CIP, the transit system is evaluated for adequacy and replacement requirements. The Transportation Division transit staff develop recommendations for the CIP. These recommendations then go through a review process, including the Transit and Parking Manager, Director of Public Works, the City Manager, and finally the Columbia City Council.

Various evaluation tools are utilized to prepare recommendations outlined in the annual CIP. These include routine inspections performed by transit staff and fleet operations to evaluate existing infrastructure conditions, and evaluation of existing and projected operating practices.

In addition, an active preventive maintenance program is in place to identify problem areas that may require inclusion in the CIP. This program includes:

1. Monthly walk-through inspections of transit facilities
2. Periodic maintenance and services of transit fleet performed by fleet operations
3. Weekly fleet safety and serviceability inspection, performed by the Safety/Training Dispatcher
4. Daily pre-trip inspections performed by drivers.

Funding

Funding for the transportation CIP program is provided by a combination of transportation sales tax, enterprise revenue, and federal operating assistance from the Federal Transit Administration. Grants are funded 80% from FTA and local shares are 20%.

During FY 2012-13, the Transit Division was one of many transit agencies throughout the country to receive federal funding under the State of Good Repair II program. The program provides funding to public transportation capital projects. The City of Columbia Transportation Division received \$2,047,644 from the Federal Transportation Administration (FTA) to purchase automatic vehicle locators, auto-enunciators, passenger counters and farebox upgrades for buses in existing fleet. In addition, two replacement heavy-duty buses and six paratransit vans were purchased.

Beginning January 2014, the Transit vehicle purchases will be focused on compressed natural gas compatible. There will also be five electric buses added to the fleet.

Transit CIP Projects

Project Name	Status	Ward	Begin Construction	Total Appropriated	Funding Still Needed	Unfunded/Future Ballot Amount
Annual						
1 Annual Bus replacement - PT053 [ID: 1560]	On-going	1		\$0	\$1,880,000	
2 Annual Transit Project - PT050 [ID: 1549]	On-going	1	2026	\$1,727,824		
2 Projects				\$1,727,824	\$1,880,000	\$0

Project Name	Status	Ward	Begin Construction	Total Project Cost	Funding Still Needed	Unfunded/Future Ballot Amount
Current						
1 Automated Veh Locator (AVL) system-GPS PT036 [ID: 953]	Construction	Citywide	2016	\$867,967		
2 Benches and Shelters Grant MO-0124 - PT048 [ID: 1810]	Preliminary Design	Citywide	2016	\$33,642		
3 Benches and Shelters Grant MO-04-0133 - PT029 [ID: 906]	Proposed	Citywide	2016	\$70,148		
4 CoMO Connect Bus Shelters (FY13 Approp)-PT055 [ID: 1797]	Proposed	1	2016	\$193,171	\$143,171	
5 GFI Farebox Upg. Repl. Elctrnc Motherboards PT018 [ID: 907]	Construction	Citywide	2016	\$241,567		
6 Rpl. (2) Heavy Duty Buses - PT049 [ID: 1565]	Final Design	Citywide	2016	\$1,022,776		
7 Rpl. (6) Paratransit Vans PT038 [ID: 911]	Final Design	Citywide	2016	\$442,151		
8 Wabash Solar Panel Install PT059 [ID: 2001]	Proposed	1	2016	\$17,000		
8 Projects				\$2,888,422	\$143,171	\$0

1-2 Years						
1 Annual Bus Shelters - PT058 [ID: 1965]	Proposed		2017	\$280,000		
2 Bus Priority-Traffic Signal System PT046 [ID: 1354]	Proposed	Citywide	2018	\$100,000	\$80,000	
3 CDBG Bus Shelters - PT057 [ID: 1948]	Preliminary Design		2017	\$120,000	\$100,000	
4 CoMO Connect Bus Shelters (FY14 Approp) - PT056 [ID: 1798]	Proposed	Various	2017	\$196,313	\$196,313	
4 Projects				\$696,313	\$376,313	\$0
14 Total Projects				\$5,312,559	\$2,399,484	\$0

Annual Bus Shelters - PT058

Description:
Transit (COMO Connect) Shelter Projects

Ward	Begin Design	Begin Construction
	2017	2017
Eligible for Percent for Arts?		No
Current Funding Request:		\$0
Total Appropriated:		\$280,000
Total City Project Cost:		\$280,000
Est. Project Balance: 09/30/2016		\$280,000

Current Status:
10/12/16: In Design

Factors Effecting Timing/Completion of Project:

Eligible Funding Sources:
Capital Improvement Sales Tax

Master Plan:

FY	Eligible Funding Sources	Amount
2017	Cap Imp S Tax - 2015 Ballot	\$140,000
		\$140,000



Bus Priority-Traffic Signal System PT046	Ward	Begin Design	Begin Construction
	Citywide	2017	2018
Description: Traffic Signal System to Test Three Critical Intersections.	Eligible for Percent for Arts?		No
	Current Funding Request:		\$80,000
	Total Appropriated:		\$20,000
	Total City Project Cost:		\$100,000
	Est. Project Balance: 09/30/2016		\$20,000

Current Status:
 10/12/16: Proposed future project. Awaiting Federal funding.

Factors Effecting Timing/Completion of Project:
 Federal funding

Eligible Funding Sources: FTA and Transportation Sales Tax	FY	Eligible Funding Sources	Amount
	2017	FTA Grant	\$80,000
Master Plan:	2017	Transp S Tax	\$20,000
			\$100,000



CDBG Bus Shelters - PT057

Description:
Design, build, and placement of bus shelters

Ward	Begin Design	Begin Construction
	2016	2017
Eligible for Percent for Arts?		No
Current Funding Request:		\$100,000
Total Appropriated:		\$20,000
Total City Project Cost:		\$120,000
Est. Project Balance: 09/30/2016		\$15,100

Current Status:
10/12/16: Project is in design phase. Expect build in autumn 2016.

Factors Effecting Timing/Completion of Project:

Eligible Funding Sources:
CDBG Funds

Master Plan:

FY	Eligible Funding Sources	Amount



CoMO Connect Bus Shelters (FY14 Approp) - PT056

Description:
Annual State of Good repair funds are made available for capital purchases through FTA section 5339 of MAP-21. The federal grant will fund 80% of the project with a required 20% local match. Project will consist of design, build and placement of 10-20 shelters on bus routes. FY2014 Appropriation.

Ward	Begin Design	Begin Construction
Various	2017	2017
Eligible for Percent for Arts?		No
Current Funding Request:		\$196,313
Total Appropriated:		\$0
Total City Project Cost:		\$196,313
Est. Project Balance: 09/30/2016		\$0

Current Status:
10/12/16: Pending Grant Award

Factors Effecting Timing/Completion of Project:
ROU, Design, material availability

Eligible Funding Sources:
State of good repair grant, Transportation sales tax

Master Plan:

FY	Eligible Funding Sources	Amount



Airport Capital Projects

Planning

The Capital Improvements Plan (CIP) budget is updated annually. The CIP is a multi-year plan for capital expansion and the replacement of aging facilities. As part of preparing the CIP, airport runways, taxiways, aprons and all associated airfield infrastructure are evaluated for adequacy and replacement requirements. The airport staff and contract consulting engineers develop recommendations for the CIP based on existing infrastructure conditions and FAA or TSA requirements. These recommendations then go through a review process that includes the Director of Public Works, the City Manager, the Airport Advisory Board (a citizen advisory board), and finally the Columbia City Council.

Various evaluation tools are utilized to prepare recommendations outlined in the annual CIP. These include routine inspections to evaluation and projection of future traffic quantities and types through master plan updates, and the evaluation of existing and projected operating practices.

In addition, we have active safety, security and preventive maintenance programs in places to identify problem areas that may require inclusion in the CIP. These programs include:

1. Five daily inspections of all airfield areas by Airport Safety Officers
2. FAA issued CertAlerts and Advisory Circulars
3. Wildlife Hazard Management
4. TSA issued Airport Security Plan amendments
5. Monthly and annual inspections by Airport Maintenance personnel in compliance with the FAA-approved pavement maintenance plan
6. Periodic crack filling and sealing of all airfield paved areas in accordance with the pavement maintenance plan
7. Annual certification inspection by FAA officials
8. Annual compliance inspection by TSA officials

Funding

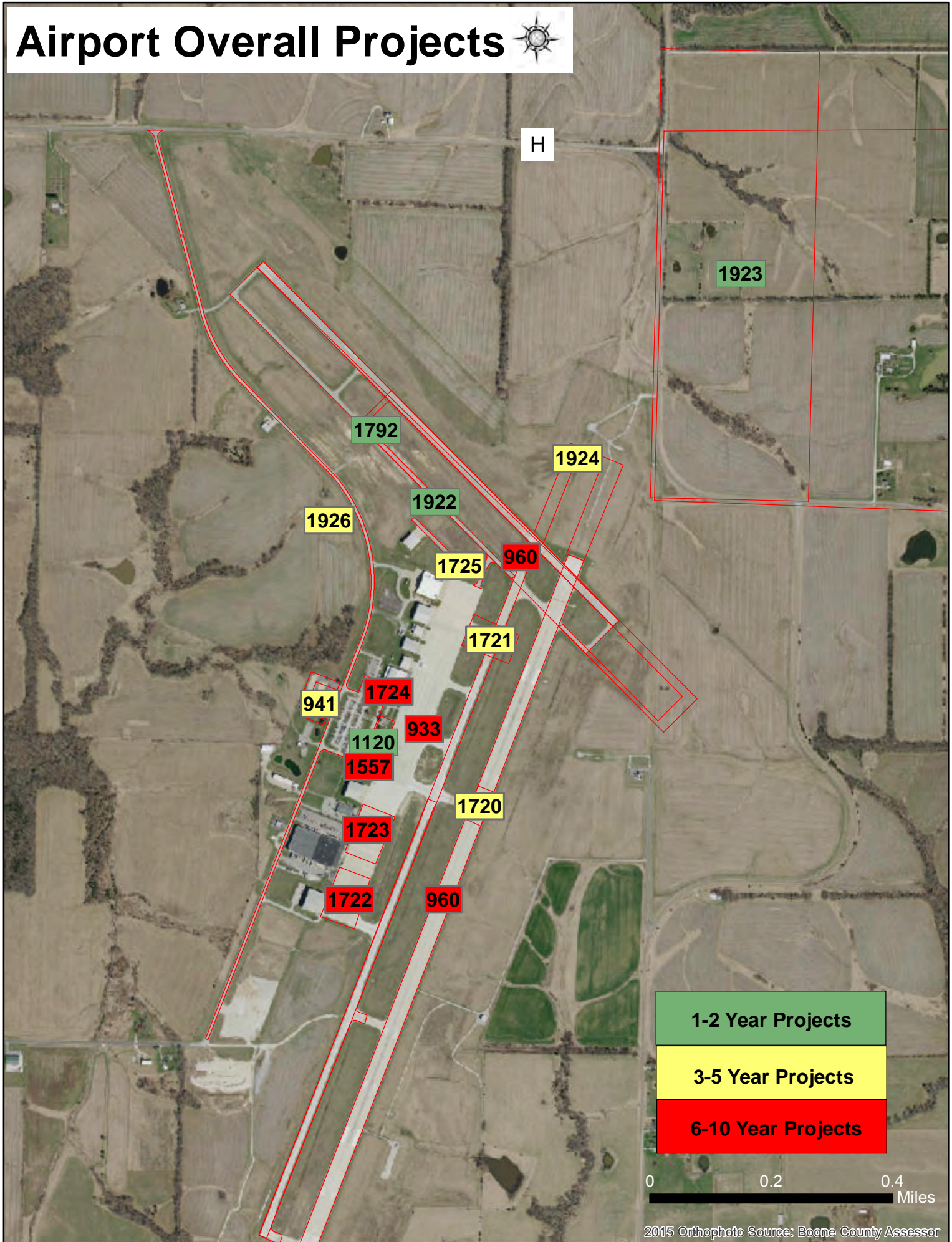
Funding for the airport CIP program is a combination of Federal Airport Improvement Program (AIP) grants and City of Columbia matching funds from various sources, including transportation sales tax revenues. Currently Columbia receives AIP entitlement authorization for \$1,000,000 annually, which can accrue for up to four years. This Federal funding covers 90% of qualifying project costs. For major runway projects, AIP discretionary funding may be available (also at 90%) for amounts greater than entitlement fund balances.

Airport Current Projects



2015 Orthophoto Source: Boone County Assessor

Airport Overall Projects



Airport CIP Projects

Project Name	Status	Ward	Begin Construction	Total Appropriated	Funding Still Needed	Unfunded/Future Ballot Amount
Annual						
1 Annual General Improvements - AP008 [ID: 944]	On-going	Airport		\$263,180		
2 Terminal Master Plan AP112 [ID: 1749]	On-going	Airport	2016	\$866,436		
2 Projects				\$1,129,616	\$0	\$0

Project Name	Status	Ward	Begin Construction	Total Project Cost	Funding Still Needed	Unfunded/Future Ballot Amount
Current						
1 13-31 & 2-20 Intersection Rehabilitation AP092 [ID: 940]	In Service	Airport	2016	\$5,483,936		
2 Landside Pavement Imp Ph II AP116 [ID: 1925]	Proposed		2016	\$4,169		
3 Realign Rangeline for RW Expansion AP090 [ID: 1184]	Construction	Airport	2016	\$1,922,655		
4 Taxi-way Alpha Reconstruction AP101 [ID: 1422]	In Service	Airport	2012	\$8,047,450	\$1,700,000	
4 Projects				\$15,458,210	\$1,700,000	\$0

1-2 Years						
1 1,500 ARFF Truck - AP117 [ID: 1719]	Construction	Airport	2017	\$716,625		
2 13-31 (5500x100) & TW B Turnarounds AP115 [ID: 1792]	Construction	Airport	2017	\$14,734,630	\$6,599,710	
3 Replace Primary Airline Counter AP087 [ID: 1120]	Proposed	Airport	2017	\$38,000		
4 Route H AP090 [ID: 1923]	Proposed		2018	\$3,188,962	\$3,162,387	
5 Snow Removal Broom Truck [ID: 1937]	Proposed		2018	\$738,663	\$738,663	
6 T/W B (2750x100) West of T/W A - AP118 [ID: 1922]	Proposed		2018	\$2,932,329	\$2,905,412	
6 Projects				\$22,349,209	\$13,406,172	\$0

3-5 Years						
1 2-20 & Taxiway A North Extension [ID: 1924]	Proposed		2019	\$8,512,732	\$8,512,732	
2 Airport Landside Pavement Improvement Ph III AP121 [ID: 1926]	Proposed		2020	\$750,000	\$750,000	
3 Parking Expansion [ID: 941]	Proposed	Airport	2021	\$207,933	\$207,933	
4 Runway 2-20 Isolated Pavement Remediations [ID: 1720]	Proposed	Airport	2020	\$3,652,372	\$3,652,372	
5 SRE Equip;Runway Tow Broom & Tow De-icer AP099 [ID: 1256]	Proposed	Airport	2021	\$313,541	\$313,541	
6 T/W A5: New Connector [ID: 1721]	Proposed	Airport	2021	\$1,177,852	\$1,177,852	
7 T/W B2 & C Design and Construction [ID: 1725]	Proposed	Airport	2020	\$1,065,719	\$1,065,719	
7 Projects				\$15,680,149	\$15,680,149	\$0

6-10 Years						
1 Apron Rehab: Area 2, South Apron & North area 1 [ID: 1723]	Proposed	Airport	2025	\$1,189,699	\$1,189,699	
2 Apron Rehab: Area 3, Between TW A2 & A3 [ID: 1724]	Proposed	Airport	2026	\$3,061,206	\$3,061,206	
3 Apron Rehabilitation: Area 1, South Apron [ID: 1722]	Proposed	Airport	2024	\$3,066,078	\$3,066,078	
4 ARFF Relocation/Expansion - 90% eligible (FAA) [ID: 933]	Proposed	Airport	2022	\$1,079,574	\$1,079,574	
5 Master Plan Update [ID: 1936]	Proposed		2024	\$315,000	\$315,000	
6 New Airport Terminal AP111 [ID: 1557]	Preliminary Design	Airport	2022	\$30,179,199	\$28,710,000	
7 Runway 2-20 Intrctns Reconst 90%FAA AP107 [ID: 960]	Proposed	Airport	2025	\$6,402,807	\$6,402,807	
7 Projects				\$45,293,563	\$43,824,364	\$0

26 Total Projects

\$99,910,747 \$74,610,685 \$0

1,500 ARFF Truck - AP117

Description:
Purchase a 1,500 ARFF vehicle. The age of the existing equipment does not meet new Part 139 requirements.

Ward	Begin Design	Begin Construction
Airport	2016	2017
Eligible for Percent for Arts?		No
Current Funding Request:		\$0
Total Appropriated:		\$716,625
Total City Project Cost:		\$716,625
Est. Project Balance: 09/30/2016		\$716,386

Current Status:
10/12/16: In Progress

Factors Effecting Timing/Completion of Project:
Funding

Eligible Funding Sources:
FAA Grant, TST

Master Plan:

FY	Eligible Funding Sources	Amount



**13-31 (5500x100) & TW B Turnarounds
AP115**

Description:
Phase three: Rehab & extend Rwy 13-31 (100' x 5,500") Engineering services for bid schedule I&II, & construction for bid Schedule I

Ward	Begin Design	Begin Construction
Airport	2016	2017
Eligible for Percent for Arts?		No
Current Funding Request:		\$6,599,710
Total Appropriated:		\$8,134,920
Total City Project Cost:		\$14,734,630
Est. Project Balance: 09/30/2016		\$7,415,176

Current Status:
10/12/16: Under Construction

Factors Effecting Timing/Completion of Project:
Weather, Funding

Eligible Funding Sources:
FAA Grant and Transportation Sales tax

Master Plan:
Airport Master plan

FY	Eligible Funding Sources	Amount
2017	FAA Grant	\$5,616,670
		\$5,616,670



Replace Primary Airline Counter AP087

Description:

Original airline counter has never been replaced although it has been re-laminated. Current laminate needs to be replaced as well as counter needs to be constructed to accommodate computer equipment that did not exist when originally constructed. REPLACE ONLY IF NEW AIRLINE SERVICE WORKS OUT

Ward	Begin Design	Begin Construction
Airport	2013	2017
Eligible for Percent for Arts?		No
Current Funding Request:		\$0
Total Appropriated:		\$38,000
Total City Project Cost:		\$38,000
Est. Project Balance: 09/30/2016		\$38,000

Current Status:

On going project. Replace or add new counter if new air service provider locates at COU.

Factors Effecting Timing/Completion of Project:

Funding

Eligible Funding Sources:

Cap FB

Master Plan:

FY	Eligible Funding Sources	Amount

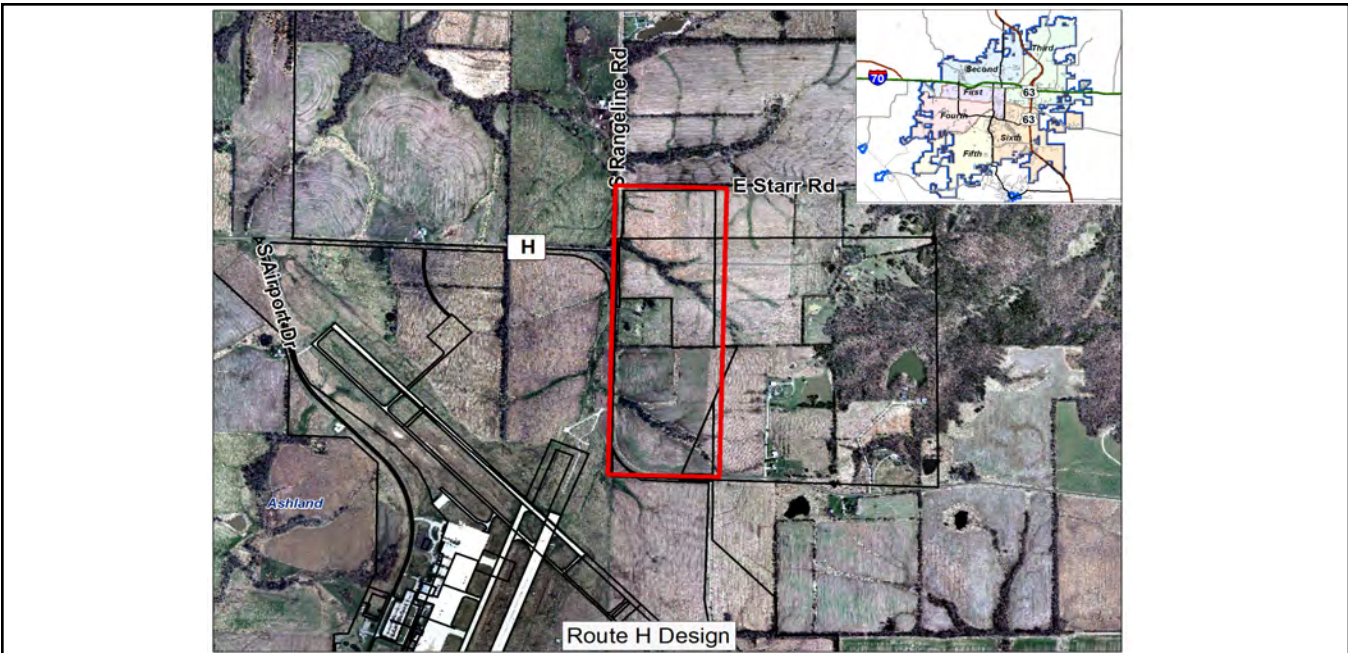


<p>Route H AP090</p> <p>Description: Relocate Rt H to allow north extension of Runway 2 and runway end safety area.</p>	Ward	Begin Design	Begin Construction
		2017	2018
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$3,162,387
	Total Appropriated:		\$26,575
	Total City Project Cost:		\$3,188,962
	Est. Project Balance: 09/30/2016		\$26,575

Current Status:
10/12/16: Route H design FY17. Estimated design cost \$253,092. Route H construction FY18. Estimated construction cost \$2,784,014.

Factors Effecting Timing/Completion of Project:
FAA Funding and tax

<p>Eligible Funding Sources: FAA Grant 90% and Transp S Tax 10%</p> <p>Master Plan: Airport</p>	FY	Eligible Funding Sources	Amount
	2017	FAA Grant	\$239,172
	2018	FAA Grant	\$2,630,894
	2017	Transp S Tax	\$26,575
	2018	Transp S Tax	\$292,321
			\$3,188,962



<p>Snow Removal Broom Truck</p> <p>Description: Snow Removal Broom Truck assigned to taxiways and cross-wind runway</p>	Ward	Begin Design	Begin Construction
		2018	2018
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$738,663
	Total Appropriated:		\$0
	Total City Project Cost:		\$738,663
	Est. Project Balance: 09/30/2016		\$0

Current Status:
2/26/16: Proposed

Factors Effecting Timing/Completion of Project:
FAA Funding and tax

<p>Eligible Funding Sources: FAA Grant & Transp S Tax</p> <p>Master Plan: Airport Master Plan</p>	FY	Eligible Funding Sources	Amount
	2018	FAA Grant	\$664,796
	2018	Transp S Tax	\$73,867
			\$738,663



T/W B (2750x100) West of T/W A - AP118

Description:

Reconstruct Taxiway Bravo. Taxiway Bravo allows access to Runway 13-31.

Ward	Begin Design	Begin Construction
	2017	2018
Eligible for Percent for Arts?		No
Current Funding Request:		\$2,905,412
Total Appropriated:		\$26,917
Total City Project Cost:		\$2,932,329
Est. Project Balance: 09/30/2016		\$26,917

Current Status:

Proposed Project

Factors Effecting Timing/Completion of Project:

FAA Funding

Eligible Funding Sources:

FAA Grant & Transp S Tax

Master Plan:

Airport Master Plan

FY	Eligible Funding Sources	Amount
2017	FAA Grant	\$211,127
2018	FAA Grant	\$2,427,968
2017	PYA Transp S Tax	\$26,917
2018	Transp S Tax	\$266,317
		<u>\$2,932,329</u>

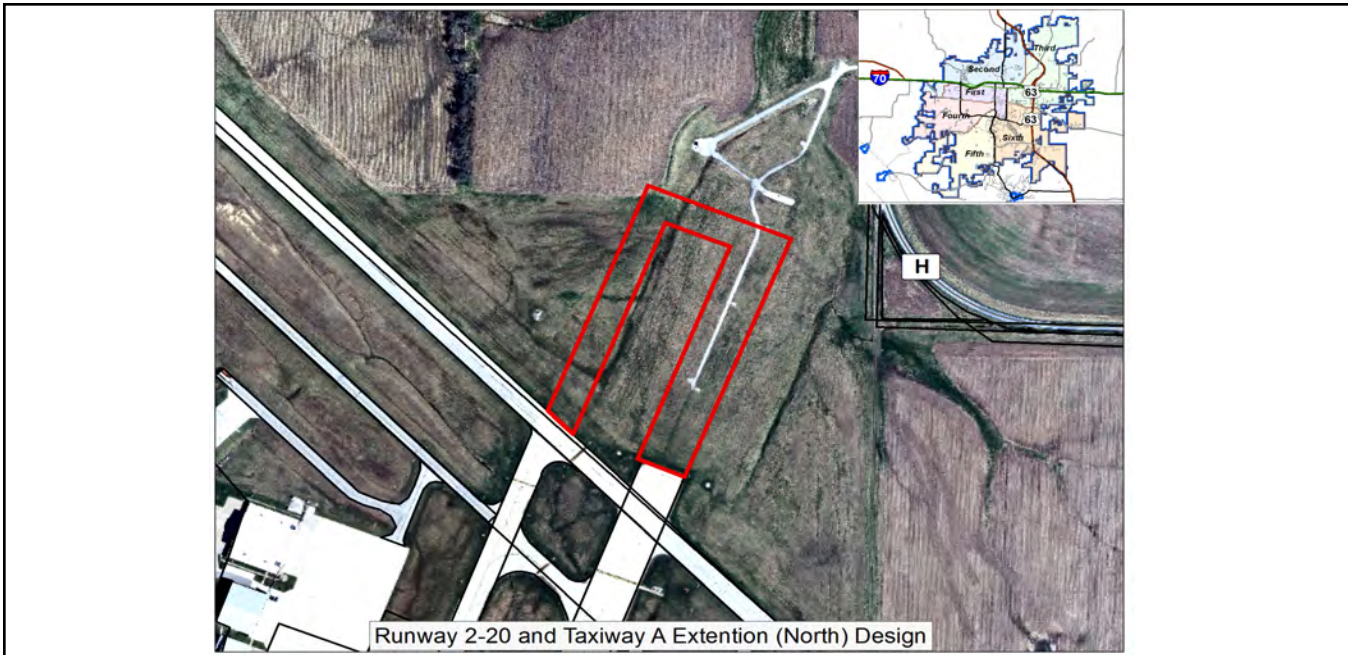


<p>2-20 & Taxiway A North Extension</p> <p>Description: North extension of runway 2-20 and taxiway A. Project will include aeronautical reimbursement agreement that will allow precision approach to runway 20 when project is complete.</p>	Ward	Begin Design	Begin Construction
		2018	2019
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$8,512,732
	Total Appropriated:		\$0
	Total City Project Cost:		\$8,512,732
	Est. Project Balance: 09/30/2016		\$0

Current Status:
Proposed Project

Factors Effecting Timing/Completion of Project:
FAA Funding & tax

<p>Eligible Funding Sources: FAA Grant & Transp S Tax</p> <p>Master Plan: Aiport</p>	FY	Eligible Funding Sources	Amount
	2018	FAA Grant	\$564,147
	2019	FAA Grant	\$7,097,312
	2018	Transp S Tax	\$62,683
	2019	Transp S Tax	\$788,590
			\$8,512,732

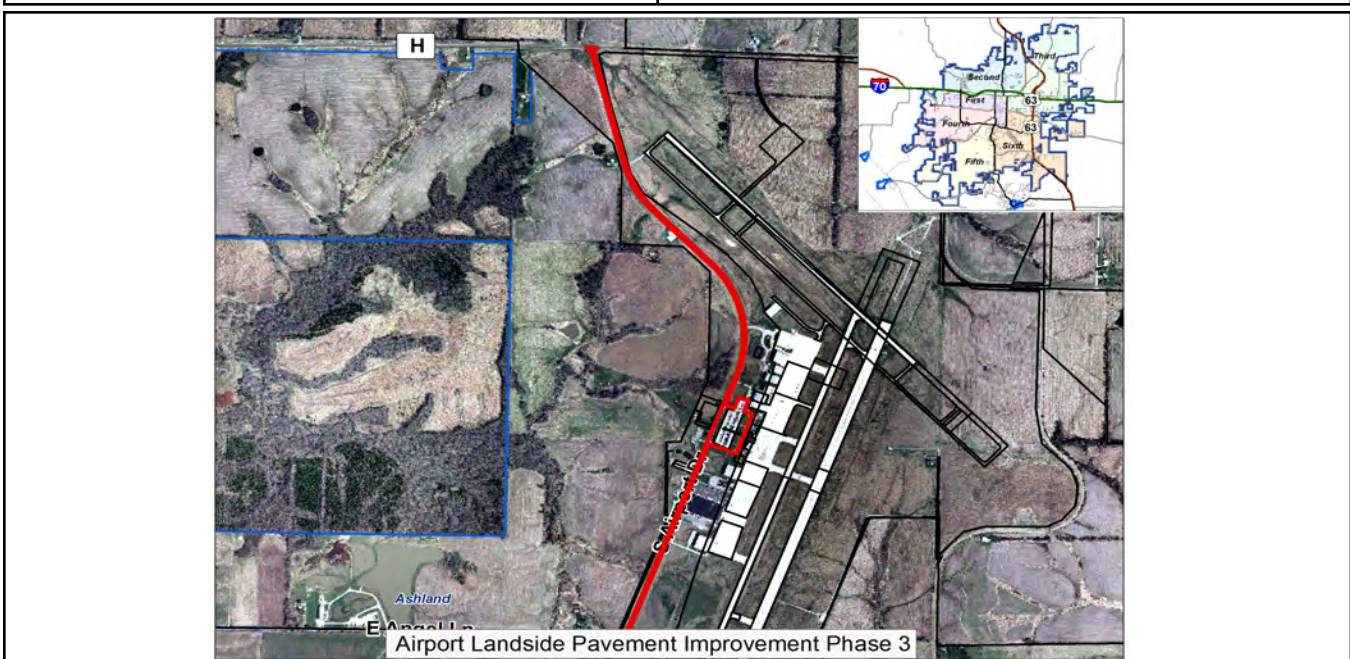


Airport Landside Pavement Improvement Ph III AP121 Description: Overlay all three parking cells and overlay Terminal Drive-Airport Drive	Ward	Begin Design	Begin Construction
		2019	2020
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$750,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$750,000
	Est. Project Balance: 09/30/2016		\$0

Current Status:
 Waiting on additional airlines.

Factors Effecting Timing/Completion of Project:
 Funding and tax

Eligible Funding Sources: Transp S Tax Master Plan: Airport	FY	Eligible Funding Sources	Amount
	2019	Transp S Tax	\$750,000
			\$750,000



Parking Expansion Description: Expand terminal parking lot	Ward	Begin Design	Begin Construction
	Airport	2021	2021
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$207,933
	Total Appropriated:		\$0
	Total City Project Cost:		\$207,933
	Est. Project Balance: 09/30/2016		\$0

Current Status:
 Future project

Factors Effecting Timing/Completion of Project:
 Funding and weather

Eligible Funding Sources: Transportation Sales Tax Master Plan:	FY	Eligible Funding Sources	Amount
	2021	Transp S Tax	\$207,933
			\$207,933



Runway 2-20 Isolated Pavement Remediations

Description:
 Repair runway 2-20 in three separate sections if C44107 (ID #960) is not approved.

Ward	Begin Design	Begin Construction
Airport	2020	2020
Eligible for Percent for Arts?		No
Current Funding Request:		\$3,652,372
Total Appropriated:		\$0
Total City Project Cost:		\$3,652,372
Est. Project Balance: 09/30/2016		\$0

Current Status:
 Future Project

Factors Effecting Timing/Completion of Project:
 Funding

Eligible Funding Sources:
 FAA Grant & TST

Master Plan:

FY	Eligible Funding Sources	Amount
2020	FAA Grant	\$3,287,134
2020	Transp S Tax	\$365,238
		<u>\$3,652,372</u>



Runway 2-20 Isolated Pavement Remediations

SRE Equip:Runway Tow Broom & Tow De-icer AP099

Description:
Additional snow removal equipment for airfield expansion of 13-31.

Ward	Begin Design	Begin Construction
Airport	2021	2021
Eligible for Percent for Arts?		No
Current Funding Request:		\$313,541
Total Appropriated:		\$0
Total City Project Cost:		\$313,541
Est. Project Balance: 09/30/2016		\$0

Current Status:
Future Project

Factors Effecting Timing/Completion of Project:
Grant will be needed before acquisition approved

Eligible Funding Sources:
FAA Grant (90%), Transportation Sales Tax Funds (10%)

Master Plan:

FY	Eligible Funding Sources	Amount
2021	FAA Grant	\$31,354
2021	Transp S Tax	\$282,187
		<hr/>
		\$313,541



<p>T/W A5: New Connector</p> <p>Description: Build a new taxiway between Runway 2-20 and Taxiway A. The taxiway will be used to allow aircraft to depart the runway in lieu of taxiing to the end of the runway 2-20 extension.</p>	Ward	Begin Design	Begin Construction
	Airport	2021	2021
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$1,177,852
	Total Appropriated:		\$0
	Total City Project Cost:		\$1,177,852
	Est. Project Balance: 09/30/2016		\$0

Current Status:
Future Project

Factors Effecting Timing/Completion of Project:
Funding and weather

<p>Eligible Funding Sources: FAA Grant & TST</p> <p>Master Plan: 2009 Master Plan</p>	FY	Eligible Funding Sources	Amount
	2021	FAA Grant	\$1,060,066
	2021	Transp S Tax	\$117,786
			\$1,177,852



T/W B2 & C Design and Construction

Description:
 Reconstruct Taxiway C with the critical aircraft pavement section. Taxiway B2 will be constructed with a pavement system needed to accommodate 30,000 SWG aircraft.

Ward	Begin Design	Begin Construction
Airport	2020	2020
Eligible for Percent for Arts?		No
Current Funding Request:		\$1,065,719
Total Appropriated:		\$0
Total City Project Cost:		\$1,065,719
Est. Project Balance: 09/30/2016		\$0

Current Status:
 Future Project

Factors Effecting Timing/Completion of Project:
 Weather and Funding

Eligible Funding Sources:
 FAA Grant & TST

Master Plan:

FY	Eligible Funding Sources	Amount
2020	FAA Grant	\$959,147
2020	Transp S Tax	\$106,572
		<hr/>
		\$1,065,719

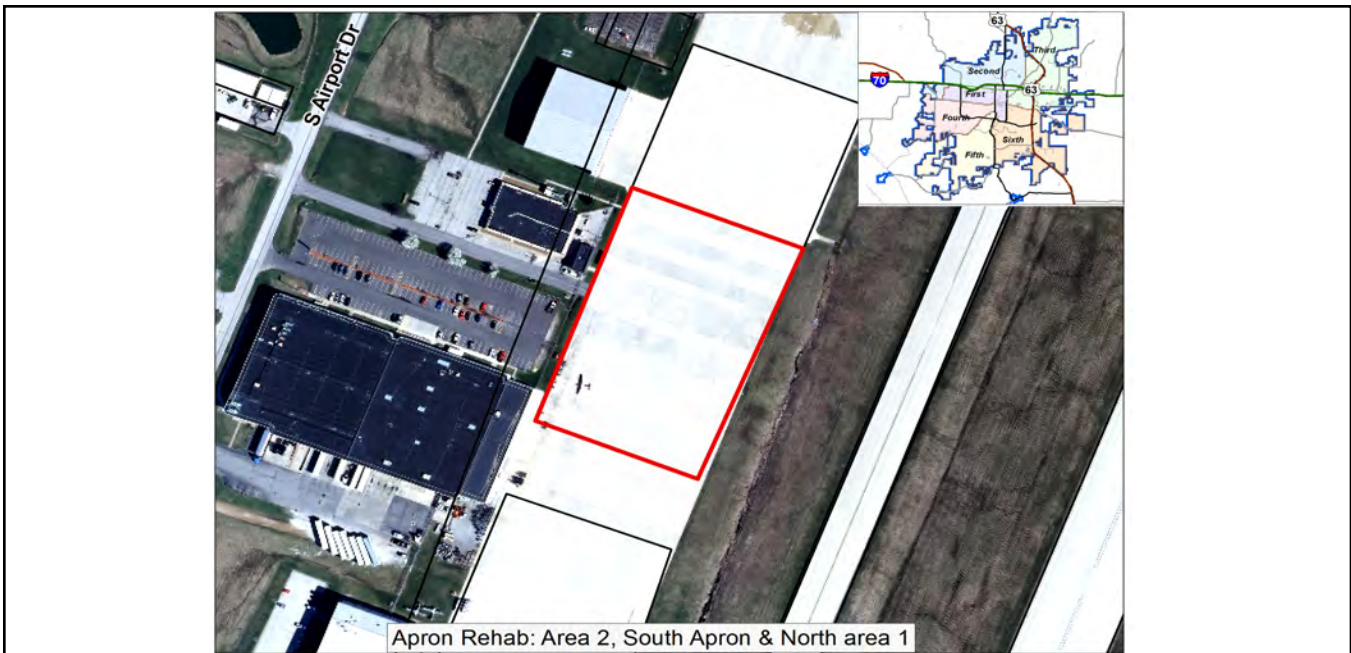


<p>Apron Rehab: Area 2, South Apron & North area 1</p> <p>Description: Remove the existing pavement and install a new section consistent with the Taxiway A project.</p>	Ward	Begin Design	Begin Construction
	Airport	2025	2025
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$1,189,699
	Total Appropriated:		\$0
	Total City Project Cost:		\$1,189,699
	Est. Project Balance: 09/30/2016		\$0

Current Status:
Future Project

Factors Effecting Timing/Completion of Project:
Weather and Funding

<p>Eligible Funding Sources: FAA Grant & TST</p> <p>Master Plan: 2009 Airport Master Plan</p>	FY	Eligible Funding Sources	Amount
	2025	FAA Grant	\$1,070,629
	2025	Transp S Tax	\$119,070
			\$1,189,699



Apron Rehab: Area 3, Between TW A2 & A3

Description:

Remove the existing pavement and install a new section consistent with the Taxiway A project.

Ward	Begin Design	Begin Construction
Airport	2026	2026
Eligible for Percent for Arts?		No
Current Funding Request:		\$3,061,206
Total Appropriated:		\$0
Total City Project Cost:		\$3,061,206
Est. Project Balance: 09/30/2016		\$0

Current Status:

Future Project

Factors Effecting Timing/Completion of Project:

Weather and Funding

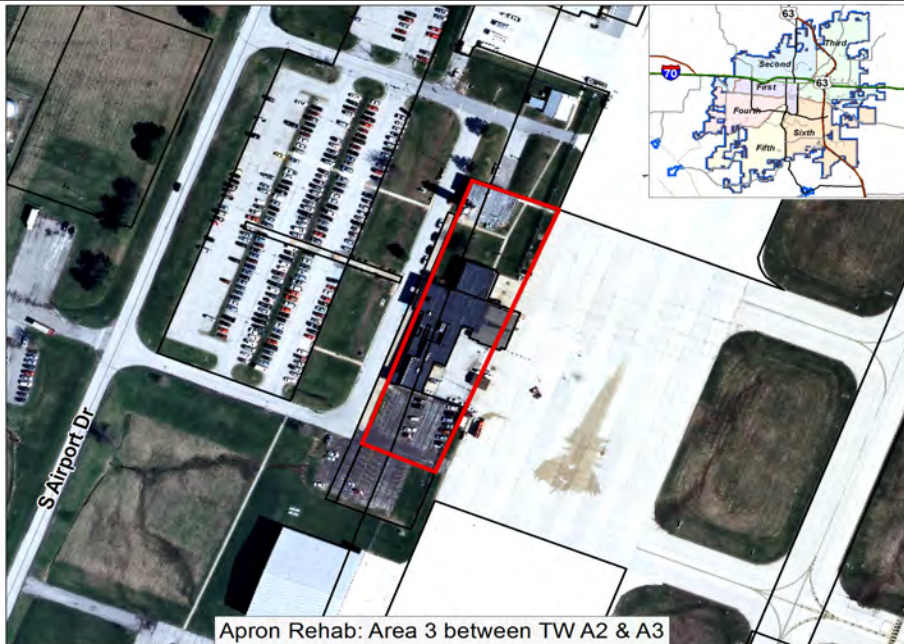
Eligible Funding Sources:

FAA Grant & TST

Master Plan:

2009 Airport Master Plan

FY	Eligible Funding Sources	Amount
2026	FAA Grant	\$2,755,085
2026	Transp S Tax	\$306,121
		<hr/>
		\$3,061,206



Apron Rehabilitation: Area 1, South Apron

Description:
Remove the existing pavement and install a new section consistent with the Taxiway A project.

Ward	Begin Design	Begin Construction
Airport	2024	2024
Eligible for Percent for Arts?		No
Current Funding Request:		\$3,066,078
Total Appropriated:		\$0
Total City Project Cost:		\$3,066,078
Est. Project Balance: 09/30/2016		\$0

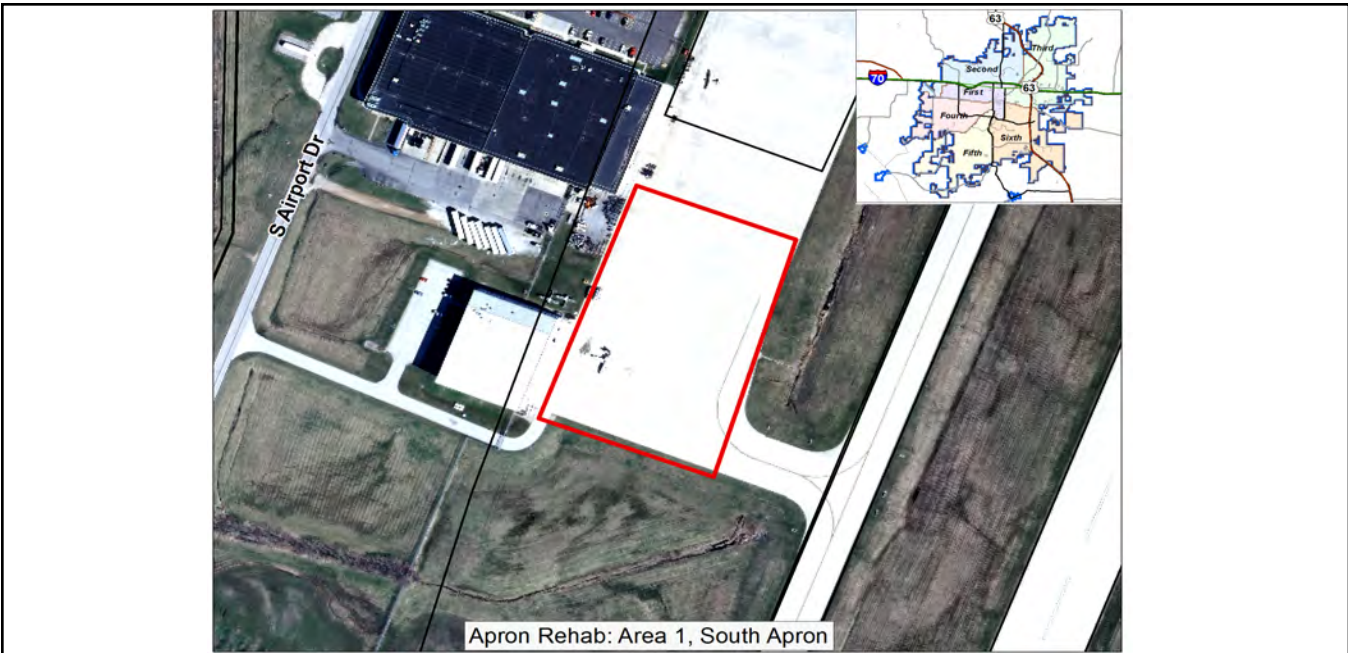
Current Status:
Future Project

Factors Effecting Timing/Completion of Project:
Weather and Funding

Eligible Funding Sources:
FAA Grant & TST

Master Plan:
2009 Airport Master Plan

FY	Eligible Funding Sources	Amount
2024	FAA Grant	\$2,759,470
2024	Transp S Tax	\$306,608
		<hr/>
		\$3,066,078



ARFF Relocation/Expansion - 90% eligible (FAA)

Description:
 The ARFF relocation will be necessary when the airfield and terminal renovation/upgrade project takes place. The placement of the ARFF station is critical in maintaining FAA Part 139 Certification.

Ward	Begin Design	Begin Construction
Airport	2022	2022
Eligible for Percent for Arts?		No
Current Funding Request:		\$1,079,574
Total Appropriated:		\$0
Total City Project Cost:		\$1,079,574
Est. Project Balance: 09/30/2016		\$0

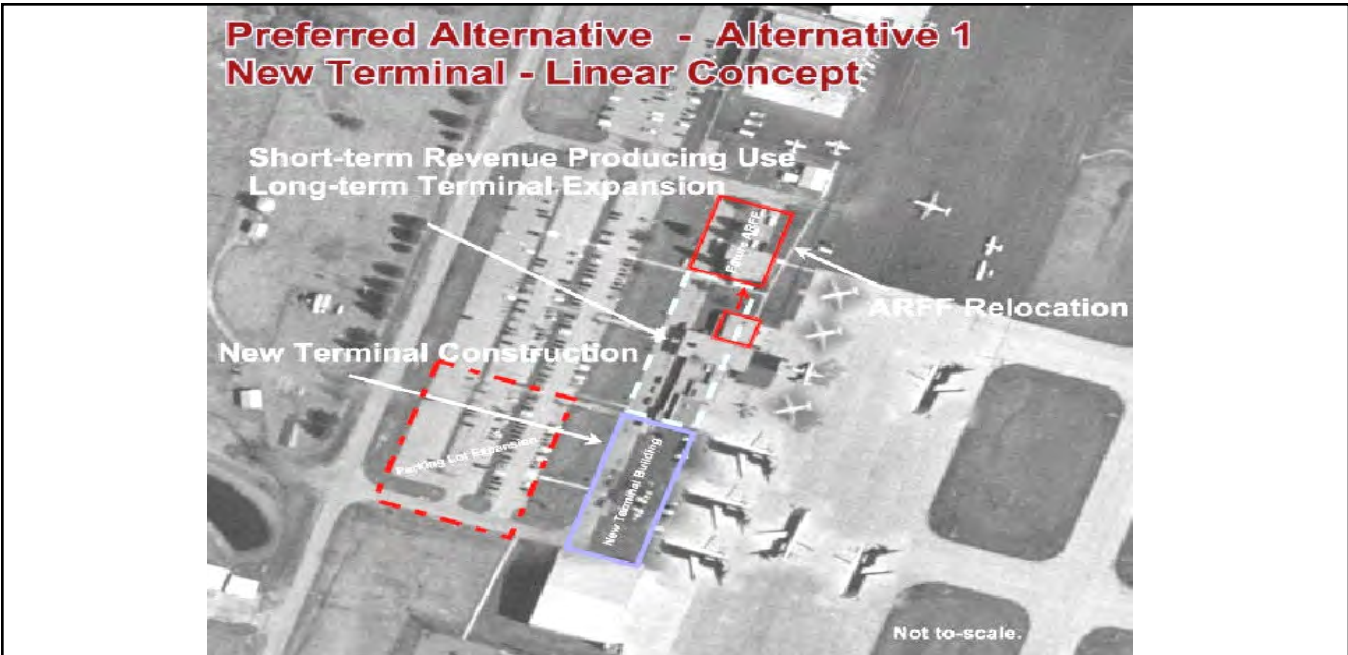
Current Status:
 Future project

Factors Effecting Timing/Completion of Project:
 Timing of Terminal Renovation/Construction and federal AIP grant award and local funding

Eligible Funding Sources:
 FAA AIP Grant, Transportation Sales Tax

Master Plan:

FY	Eligible Funding Sources	Amount
2022	FAA Grant	\$971,617
2022	Transp S Tax	\$107,957
		<u>\$1,079,574</u>



<p>Master Plan Update</p> <p>Description: Airport Master Plan update. Last complete Master Plan update was in 2009.</p>	Ward	Begin Design	Begin Construction
		2024	2024
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$315,000
	Total Appropriated:		\$0
	Total City Project Cost:		\$315,000
	Est. Project Balance: 09/30/2016		\$0

<p>Current Status: Future Project</p>

<p>Factors Effecting Timing/Completion of Project: FAA Funding and Tax</p>
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<p>Eligible Funding Sources: FAA Grant & Transp S Tax</p> <p>Master Plan: Airport Master Plan</p>	FY	Eligible Funding Sources	Amount
	2024	FAA Grant	\$283,500
	2024	Transp S Tax	\$31,500
			\$315,000

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<p>New Airport Terminal AP111</p> <p>Description: New Airport Terminal</p>	Ward	Begin Design	Begin Construction
	Airport	2021	2022
	Eligible for Percent for Arts?		Yes
	Current Funding Request:		\$28,710,000
	Total Appropriated:		\$1,469,199
	Total City Project Cost:		\$30,179,199
	Est. Project Balance: 09/30/2016		\$1,417,199

Current Status:
Future Project

Factors Effecting Timing/Completion of Project:
Funding and Weather

<p>Eligible Funding Sources: FAA Grant, TST</p> <p>Master Plan:</p>	FY	Eligible Funding Sources	Amount
	2021	FAA Grant	\$3,069,000
	2022	FAA Grant	\$11,511,500
	2023	FAA Grant	\$11,511,500
	2021	Transp S Tax	\$341,000
	2022	Transp S Tax	\$1,138,500
	2023	Transp S Tax	\$1,138,500
			\$28,710,000



<p>Runway 2-20 Intrscctns Reconst 90%FAA AP107</p> <p>Description: Runway 2-20 Intersections Reconstruction plus touchdown areas.</p>	Ward	Begin Design	Begin Construction
	Airport	2024	2025
	Eligible for Percent for Arts?		No
	Current Funding Request:		\$6,402,807
	Total Appropriated:		\$0
	Total City Project Cost:		\$6,402,807
	Est. Project Balance: 09/30/2016		\$0

Current Status:
Future Project

Factors Effecting Timing/Completion of Project:
Federal grant award, appropriation of local match, land acquisition, completion of Runway 13-31 reconstruction/extension

<p>Eligible Funding Sources: FAA AIP grant, Transportation Sales Tax</p> <p>Master Plan: Airport Master Plan</p>	FY	Eligible Funding Sources	Amount
	2024	FAA Grant	\$367,821
	2025	FAA Grant	\$5,394,706
	2024	Transp S Tax	\$40,869
	2025	Transp S Tax	\$599,411
			\$6,402,807



Airport 10+ Year Projects

Project Name	Ward
1 ADA Compatible Door/Ramp AP119 [ID: 1996]	
2 Columbia Regional Airport Pump Station [ID: 1558]	Airport
3 Maintenance Office Expansion AP120 [ID: 1997]	

3 Projects

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