

# Storm Water Utility Capital Projects

## Planning

The Capital Improvements Plan (CIP) Budget is updated annually. The CIP is a plan for the reconstruction of aging infrastructure to reduce all types of flooding and storm water issues. As part of preparing the CIP, storm water systems are evaluated for adequacy and replacement requirements. The engineering staff of the storm water utility 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 Public Works, 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.

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 Natural Resources

## Funding

Funding for the storm water CIP program is by enterprise revenue approved by voters in 1991. The City will also continue to look for grant opportunities to support this capital plan and a possible increase to the storm water charges.

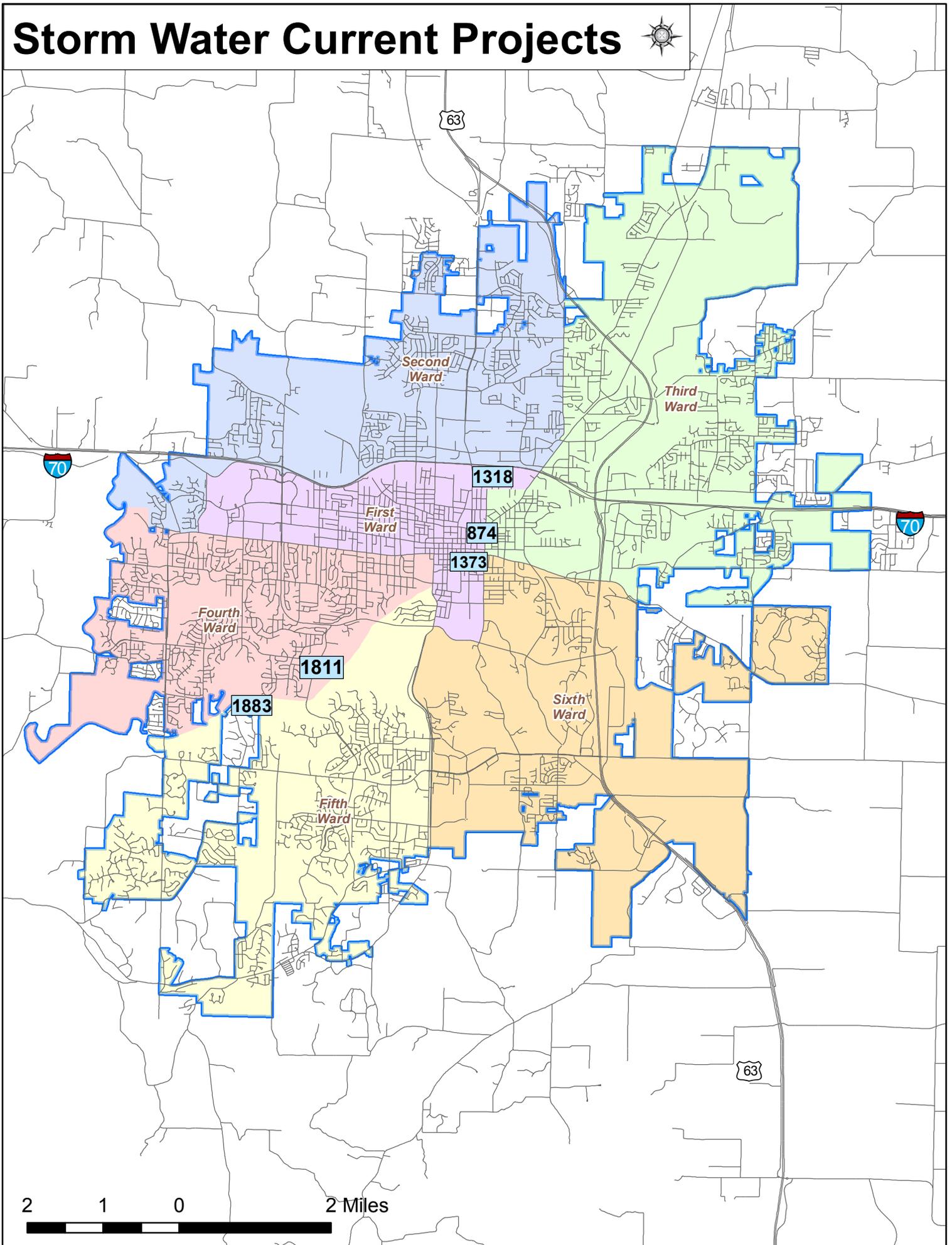
The City continues to work with developers and community leaders to ensure proper stormwater controls are being addressed.

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 current rate structure is not generating sufficient revenues to adequately support the Storm Water CIP program. Therefore, the Storm Water Utility will need to address this funding situation to repair/replace aging infrastructure and complete CIP identified in the budget.

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. Several funding options are being explored for the Storm Water Utility.

A cost of service study is being conducted in 2014 to determine rates required to sustain and expand the division as the city grows and industry standards and regulations evolve.

# Storm Water Current Projects





## Storm Water CIP Projects

Project Name	Status	Ward	Begin Construction	Total Appropriated	Funding Still Needed	Unfunded/Future Ballot Amount
<b>Annual</b>						
1 Annual CAM Projects - C49114 [ID: 1611]	On-going	All		\$0	\$50,000	\$250,000
2 Annual Downtown Tree Planters - C49115 [ID: 1621]	On-going	1		\$0	\$25,000	\$125,000
3 Annual Floodplain Mapping - C49116 [ID: 1614]	On-going	All		\$0	\$50,000	\$300,000
4 Annual Projects - C49017 [ID: 839]	On-going	Citywide		\$12,123		\$1,140,000
5 Annual Property Acquisition - C49118 [ID: 1726]	On-going	All		\$0	\$50,000	\$300,000
6 Annual TV Inspections [ID: 1867]	On-going	1, 2, 3, 4, 5, 6				\$350,000
6 Projects				\$12,123	\$175,000	\$2,465,000

Project Name	Status	Ward	Begin Construction	Total Project Cost	Funding Still Needed	Unfunded/Future Ballot Amount
<b>Current</b>						
1 Ash & Hubble [ID: 874]	In Service	1	2013	\$155,000		
2 CAM - Forum Nature Area [ID: 1811]	In Service	5	2014	\$50,000		
3 CAM - Hubbart Physical Habitat Assessment [ID: 1883]	Construction	3, 4, 5, 6	2014	\$22,000		
4 Grissum Bldg Water Quality Improvements C49102 [ID: 1318]	In Service	1	2012	\$286,245		
5 Hitt and Elm C49099 [ID: 1373]	Final Design	1	2014	\$112,000		
5 Projects				\$625,245	\$0	\$0

<b>1-2 Years</b>						
1 CAM - Hubbart Flow & Sediment Study [ID: 1871]	Proposed	1, 3, 4, 5, 6	2016	\$70,148	\$70,148	
2 Garth @ Oak Tower C49110 [ID: 819]	Proposed	1	2016	\$420,000	\$400,000	\$400,000
3 Lakshire Estates Lake Modification [ID: 1622]	Proposed	3	2016	\$150,000	\$150,000	\$150,000
4 West Worley Storm System Replacement - C49119 [ID: 1882]	Proposed	1	2015	\$800,000		
5 Wilson Ross C49112 [ID: 1608]	Final Design	6	2016	\$155,000	\$150,000	\$150,000
5 Projects				\$1,595,148	\$770,148	\$700,000

<b>3-5 Years</b>						
1 Aldeah & Ash Storm Pipe Rehab [ID: 1868]	Proposed	1	2017	\$150,000	\$150,000	\$150,000
2 Calvert Drive - C49117 [ID: 1612]	Proposed	3	2019	\$700,000	\$700,000	\$700,000
3 Capri Estates Drainage [ID: 828]	Proposed	2	2018	\$350,000	\$350,000	\$350,000
4 E Nifong Culvert Rehab [ID: 1869]	Proposed	6	2017	\$150,000	\$150,000	\$150,000
5 Flat Branch System Inventory Model [ID: 1609]	Proposed	1	2019	\$400,000	\$400,000	\$400,000
6 Greenwood Stewart Phase 2 [ID: 1615]	Proposed	4	2019	\$1,600,000	\$1,600,000	\$1,600,000
7 Kelly Detention Retrofit C49108 [ID: 1420]	Proposed	6	2019	\$271,333	\$180,000	\$180,000
8 Martinshire Drive [ID: 820]	Proposed	4	2018	\$250,000	\$250,000	\$250,000
9 Mill Creek Phase 3 C49111 [ID: 1620]	Proposed	5	2017	\$210,000	\$200,000	\$200,000
10 Rockhill Rd [ID: 873]	Proposed	6	2018	\$550,000	\$550,000	\$550,000
11 Rollins Rd at Rock Creek [ID: 1364]	Proposed	4	2018	\$500,000	\$500,000	\$500,000
12 Stormwater Master Plan [ID: 1039]	Proposed	NA	2017	\$400,000	\$400,000	\$400,000
13 Vandiver/Sylvan Storm Drainage [ID: 826]	Proposed	3	2018	\$2,450,000	\$2,450,000	\$2,450,000
14 West Blvd & Stadium Storm Pipe Rehab [ID: 1870]	Proposed	4	2017	\$100,000	\$100,000	\$100,000
14 Projects				\$8,081,333	\$7,980,000	\$7,980,000

<b>6-10 Years</b>						
1 Alan Lane [ID: 870]	Proposed	3	2021	\$240,000	\$240,000	\$240,000
2 Bourn Avenue [ID: 1623]	Proposed	4	2021	\$650,000	\$650,000	\$650,000
3 Braemore Drainage [ID: 817]	Proposed	4	2022	\$275,000	\$275,000	\$275,000

## Storm Water CIP Projects

Project Name	Status	Ward	Begin Construction	Total Project Cost	Funding Still Needed	Unfunded/Future Ballot Amount
<b>6-10 Years</b>						
4 Bray/Longwell Drainage [ID: 818]	Proposed	4	2021	\$250,000	\$250,000	\$250,000
5 East Downtown [ID: 1613]	Proposed	1	2020	\$1,500,000	\$1,500,000	\$1,500,000
6 East Point Storm Water Study [ID: 1872]	Proposed	6	2021	\$50,000	\$50,000	\$50,000
7 English/Subella/Jake Drainage [ID: 829]	Proposed	4	2022	\$180,000	\$180,000	\$180,000
8 Garth-Jewell [ID: 1617]	Proposed	1	2021	\$250,000	\$250,000	\$250,000
9 Gillespie Bridge Road [ID: 1628]	Proposed	5	2022	\$600,000	\$600,000	\$600,000
10 Grasslands-Brandon Drainage [ID: 830]	Proposed	4	2021	\$1,100,000	\$1,100,000	\$1,100,000
11 Greenwood South [ID: 1631]	Proposed	4	2022	\$200,000	\$200,000	\$200,000
12 Hickman & 6th & 7th [ID: 1618]	Proposed	1	2022	\$950,000	\$950,000	\$950,000
13 Hinkson Avenue [ID: 1206]	Proposed	3	2022	\$300,000	\$300,000	\$300,000
14 Leawood Subdivision [ID: 1627]	Proposed	4	2022	\$1,775,000	\$1,775,000	\$1,775,000
15 Mary Jane Jamesdale [ID: 1619]	Proposed	3	2023	\$150,000	\$150,000	\$150,000
16 Mill Creek Detention Retrofits [ID: 1625]	Proposed	5	2023	\$300,000	\$300,000	\$300,000
17 Mitigation Bank Program [ID: 1866]	Proposed	1, 2, 3, 4, 5, 6	2021	\$1,000,000	\$1,000,000	\$1,000,000
18 Nebraska Avenue [ID: 1616]	Proposed	1	2020	\$350,000	\$350,000	\$350,000
19 Old Plank Storm Drainage - South Side [ID: 833]	Proposed	5	2023	\$162,000	\$162,000	\$162,000
20 Parkade Blvd and Plaza [ID: 1630]	Proposed	1	2023	\$350,000	\$350,000	\$350,000
21 Proctor Drive [ID: 871]	Proposed	2	2023	\$600,000	\$600,000	\$600,000
22 Rockingham - E. Briarwood [ID: 1626]	Proposed	4	2023	\$550,000	\$550,000	\$550,000
23 Rollins/Cowan/Ridge Drainage [ID: 872]	Proposed	4	2024	\$170,000	\$170,000	\$170,000
24 Royal Lytham - Fallwood C49090 [ID: 815]	Preliminary Design	5	2020	\$410,000	\$376,500	\$376,500
25 Seventh and Locust [ID: 1374]	Proposed	1	2021	\$1,200,000	\$1,200,000	\$1,200,000
26 Sexton Road at Jackson [ID: 824]	Proposed	1	2020	\$315,000	\$315,000	\$315,000
27 Sexton/McBaine Drainage [ID: 825]	Proposed	1	2020	\$265,500	\$265,500	\$265,500
28 Sixth & Elm Storm Drain Replacement C49109 [ID: 1532]	Proposed	1	2024	\$727,500	\$700,000	\$700,000
29 Stewart Park Drainage [ID: 835]	Proposed	1	2024	\$100,000	\$100,000	\$100,000
30 Wayne Road [ID: 837]	Proposed	1	2024	\$75,000	\$75,000	\$75,000
31 West Briarwood [ID: 1624]	Proposed	4	2020	\$250,000	\$250,000	\$250,000
32 Woodland-Northridge Drainage [ID: 838]	Proposed	3	2024	\$400,000	\$400,000	\$400,000
33 Worley Again East [ID: 1629]	Proposed	1	2024	\$1,400,000	\$1,400,000	\$1,400,000
33 Projects				\$17,095,000	\$17,034,000	\$17,034,000
<b>63 Total Projects</b>				<b>\$27,408,849</b>	<b>\$25,959,148</b>	<b>\$28,179,000</b>

**CAM - Hubbart Flow & Sediment Study**

**Description:**  
 Study approved by CAM stakeholders June 2014.  
 Four year study funded by CAM partners. Study title:  
 Hinkson Creek: Quantifying Stream Flow and  
 Suspended sediment response to Urbanization using  
 a scale-nested experimental watershed study design.  
 By Jason Hubbart PhD @ MU.

Ward	Begin Design	Begin Construction
1, 3, 4, 5, 6	2014	2016
<b>Eligible for Percent for Arts?</b>		No
<b>Current Funding Request:</b>		\$70,148
<b>Total Appropriated:</b>		\$0
<b>Total City Project Cost:</b>		\$70,148
<b>Est. Project Balance: 10/01/2014</b>		\$0

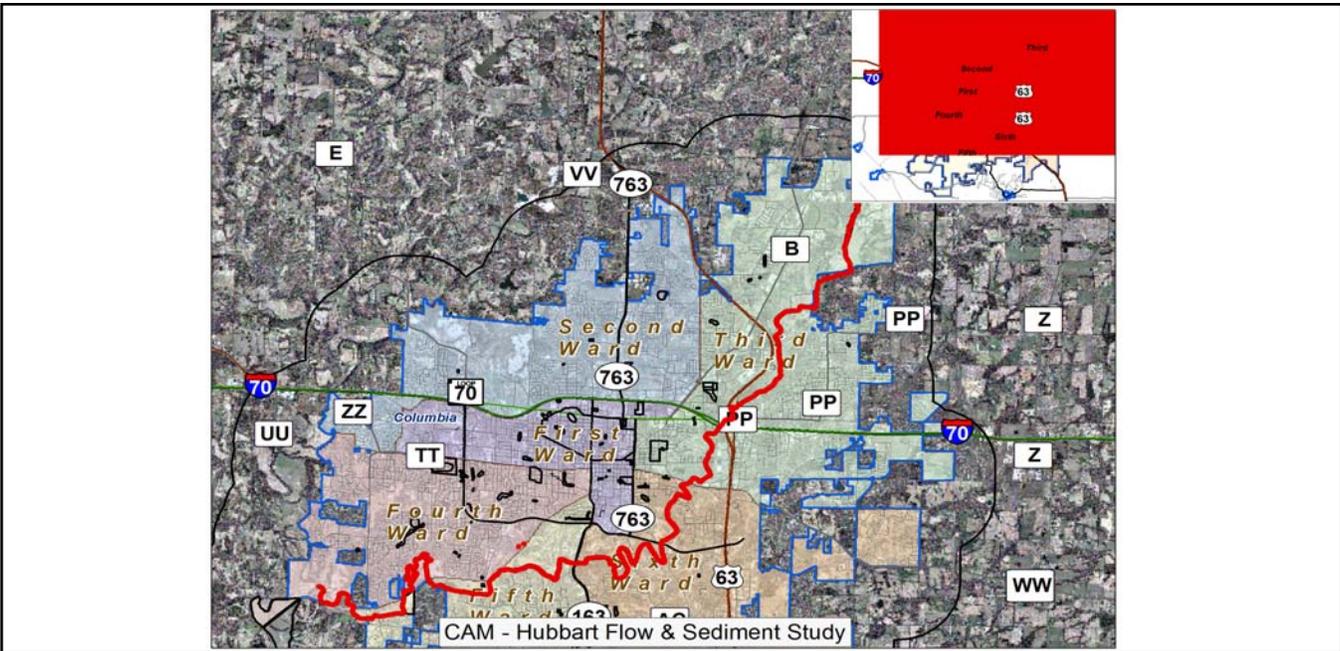
**Current Status:**  
 10/14/14: Preliminary, split funding between FY16, FY17 and FY18

**Factors Effecting Timing/Completion of Project:**  
 Dependent upon when Dr. Hubbart can hire a post-doctoral student to complete the work

**Eligible Funding Sources:**  
 Enterprise Revenue

**Master Plan:**  
 None

FY	Eligible Funding Sources	Amount
2016	Ent Rev	\$23,321
2017	Ent Rev	\$23,321
2018	Ent Rev	\$23,506
		<hr/>
		\$70,148



<b>Garth @ Oak Tower C49110</b>  <b>Description:</b> Replace existing box culvert	<b>Ward</b>	<b>Begin Design</b>	<b>Begin Construction</b>
	1	2016	2016
	<b>Eligible for Percent for Arts?</b>		No
	<b>Current Funding Request:</b>		\$400,000
	<b>Total Appropriated:</b>		\$20,000
	<b>Total City Project Cost:</b>		\$420,000
	<b>Est. Project Balance: 10/01/2014</b>		\$20,000

**Current Status:**  
10/14/14 - Future Project

**Factors Effecting Timing/Completion of Project:**  
Funding

<b>Eligible Funding Sources:</b> Future Ballot and Enterprise Revenue  <b>Master Plan:</b>	<b>FY</b>	<b>Eligible Funding Sources</b>	<b>Amount</b>
	2016	Future Ballot	\$400,000
			\$400,000



<p><b>Lakshire Estates Lake Modification</b></p> <p><b>Description:</b> 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>	<b>Ward</b>	<b>Begin Design</b>	<b>Begin Construction</b>
	3	2016	2016
	<b>Eligible for Percent for Arts?</b>		No
	<b>Current Funding Request:</b>		\$150,000
	<b>Total Appropriated:</b>		\$0
	<b>Total City Project Cost:</b>		\$150,000
	<b>Est. Project Balance: 10/01/2014</b>		\$0

**Current Status:**  
10/14/14 - Conceptual. Design will begin when funding becomes available.

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

<p><b>Eligible Funding Sources:</b> Future Ballot</p> <p><b>Master Plan:</b></p>	<b>FY</b>	<b>Eligible Funding Sources</b>	<b>Amount</b>
	2016	Future Ballot	\$150,000
			\$150,000



<b>West Worley Storm System Replacement - C49119</b>  <b>Description:</b> Project involves the replacement or rehabilitation of 900 linear feet of 72 inch diameter storm sewer near West Worley and Stadium Blvd.	<b>Ward</b>	<b>Begin Design</b>	<b>Begin Construction</b>
	1	2015	2015
	<b>Eligible for Percent for Arts?</b>		No
	<b>Current Funding Request:</b>		\$0
	<b>Total Appropriated:</b>		\$800,000
	<b>Total City Project Cost:</b>		\$800,000
	<b>Est. Project Balance: 10/01/2014</b>		\$800,000

**Current Status:**  
10/14/14: Proposed

**Factors Effecting Timing/Completion of Project:**  
Weather, easements

<b>Eligible Funding Sources:</b> Enterprise Revenue  <b>Master Plan:</b>	<b>FY</b>	<b>Eligible Funding Sources</b>	<b>Amount</b>
	2015	Ent Rev	\$800,000 \$800,000



<p><b>Wilson Ross C49112</b></p> <p><b>Description:</b>                  Replace undersized, failing box pipes, create an overflow section, replace failing pipes.</p>	<b>Ward</b>	<b>Begin Design</b>	<b>Begin Construction</b>
	6	2014	2016
	<b>Eligible for Percent for Arts?</b>		No
	<b>Current Funding Request:</b>		\$150,000
	<b>Total Appropriated:</b>		\$5,000
	<b>Total City Project Cost:</b>		\$155,000
	<b>Est. Project Balance: 10/01/2014</b>		\$5,000

**Current Status:**  
 10/14/14: Design is 95% complete. Project is on hold until easements can be acquired.

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

<p><b>Eligible Funding Sources:</b>                  Future Ballot and Enterprise Revenue</p> <p><b>Master Plan:</b></p>	<b>FY</b>	<b>Eligible Funding Sources</b>	<b>Amount</b>
	2016	Future Ballot	\$150,000
			\$150,000



<b>Aldeah &amp; Ash Storm Pipe Rehab</b>  <b>Description:</b> Rehab approximately 730LF of 30" to 36" vcp.	<b>Ward</b>	<b>Begin Design</b>	<b>Begin Construction</b>
	1	2016	2017
	<b>Eligible for Percent for Arts?</b>		No
	<b>Current Funding Request:</b>		\$150,000
	<b>Total Appropriated:</b>		\$0
	<b>Total City Project Cost:</b>		\$150,000
	<b>Est. Project Balance: 10/01/2014</b>		\$0

**Current Status:**  
6/27/14: Proposed

**Factors Effecting Timing/Completion of Project:**  
Unkown

<b>Eligible Funding Sources:</b> Future Ballot  <b>Master Plan:</b> None	<b>FY</b>	<b>Eligible Funding Sources</b>	<b>Amount</b>
	2016	Future Ballot	\$15,000
	2017	Future Ballot	\$135,000
			\$150,000



<p><b>Calvert Drive - C49117</b></p> <p><b>Description:</b> Install a large water quality cell to assist with stormwater management at Sylvan and Vandiver/Quail. Potential "hot spot" area for the Hinkson Creek.</p>	<b>Ward</b>	<b>Begin Design</b>	<b>Begin Construction</b>
	3	2018	2019
	<b>Eligible for Percent for Arts?</b>		No
	<b>Current Funding Request:</b>		\$700,000
	<b>Total Appropriated:</b>		\$0
	<b>Total City Project Cost:</b>		\$700,000
	<b>Est. Project Balance: 10/01/2014</b>		\$0

**Current Status:**  
10/1/14 Conceptual. Design will begin when funding becomes available.

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

<p><b>Eligible Funding Sources:</b> Future Ballot</p> <p><b>Master Plan:</b></p>	<b>FY</b>	<b>Eligible Funding Sources</b>	<b>Amount</b>
	2018	Future Ballot	\$100,000
	2019	Future Ballot	\$600,000
			\$700,000

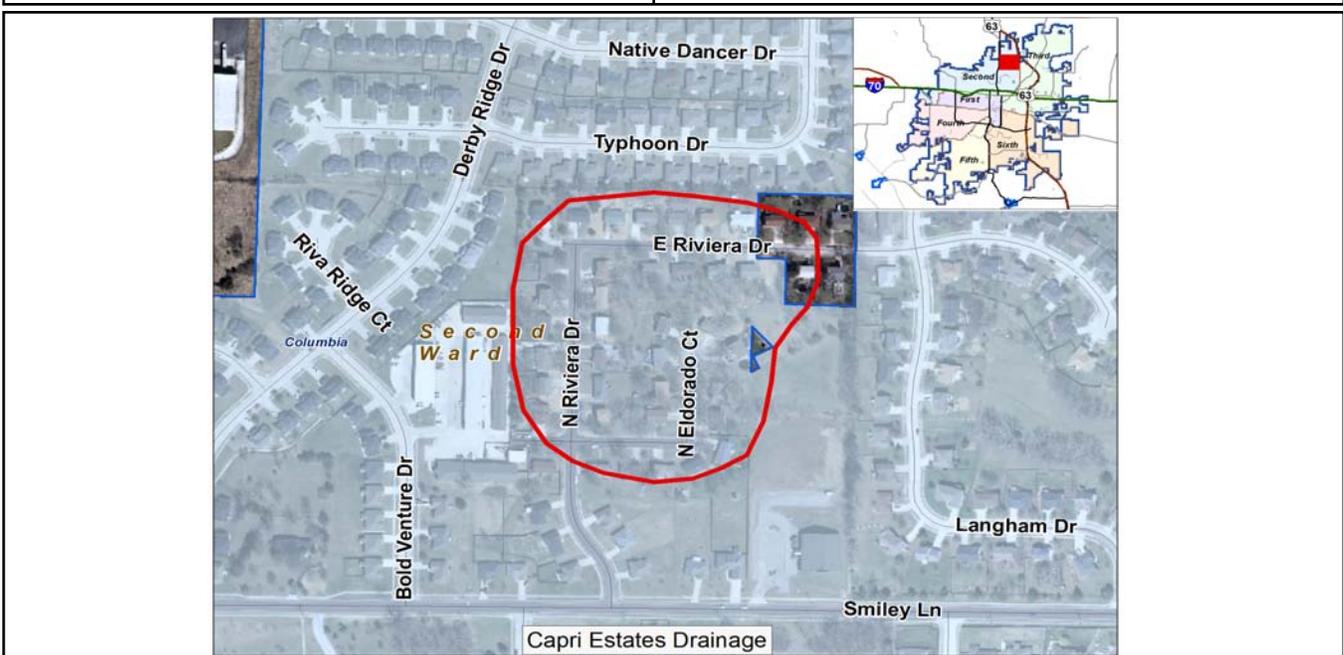


<p><b>Capri Estates Drainage</b></p> <p><b>Description:</b> Construction of storm drainage system in older area where system is not in conformance with current standards. Includes water quality improvements.</p>	<b>Ward</b>	<b>Begin Design</b>	<b>Begin Construction</b>
	2	2017	2018
	<b>Eligible for Percent for Arts?</b>		No
	<b>Current Funding Request:</b>		\$350,000
	<b>Total Appropriated:</b>		\$0
	<b>Total City Project Cost:</b>		\$350,000
	<b>Est. Project Balance: 10/01/2014</b>		\$0

**Current Status:**  
10/1/14: Future project

**Factors Effecting Timing/Completion of Project:**  
Funding

<p><b>Eligible Funding Sources:</b> Future Ballot</p> <p><b>Master Plan:</b></p>	<b>FY</b>	<b>Eligible Funding Sources</b>	<b>Amount</b>
	2017	Future Ballot	\$50,000
	2018	Future Ballot	\$300,000
			\$350,000



<b>E Nifong Culvert Rehab</b>  <b>Description:</b> Rehab corrugated metal pipes under east Nifong Blvd	<b>Ward</b>	<b>Begin Design</b>	<b>Begin Construction</b>
	6	2016	2017
	<b>Eligible for Percent for Arts?</b>		No
	<b>Current Funding Request:</b>		\$150,000
	<b>Total Appropriated:</b>		\$0
	<b>Total City Project Cost:</b>		\$150,000
	<b>Est. Project Balance: 10/01/2014</b>		\$0

**Current Status:**  
6/27/14: Proposed

**Factors Effecting Timing/Completion of Project:**  
Unknown

<b>Eligible Funding Sources:</b> Future Ballot	<b>FY</b>	<b>Eligible Funding Sources</b>	<b>Amount</b>
	2016	Future Ballot	\$15,000
<b>Master Plan:</b> None	2017	Future Ballot	\$135,000
			\$150,000



**Flat Branch System Inventory Model**

**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.

Ward	Begin Design	Begin Construction
1	2019	2019
<b>Eligible for Percent for Arts?</b>		No
<b>Current Funding Request:</b>		\$400,000
<b>Total Appropriated:</b>		\$0
<b>Total City Project Cost:</b>		\$400,000
<b>Est. Project Balance: 10/01/2014</b>		\$0

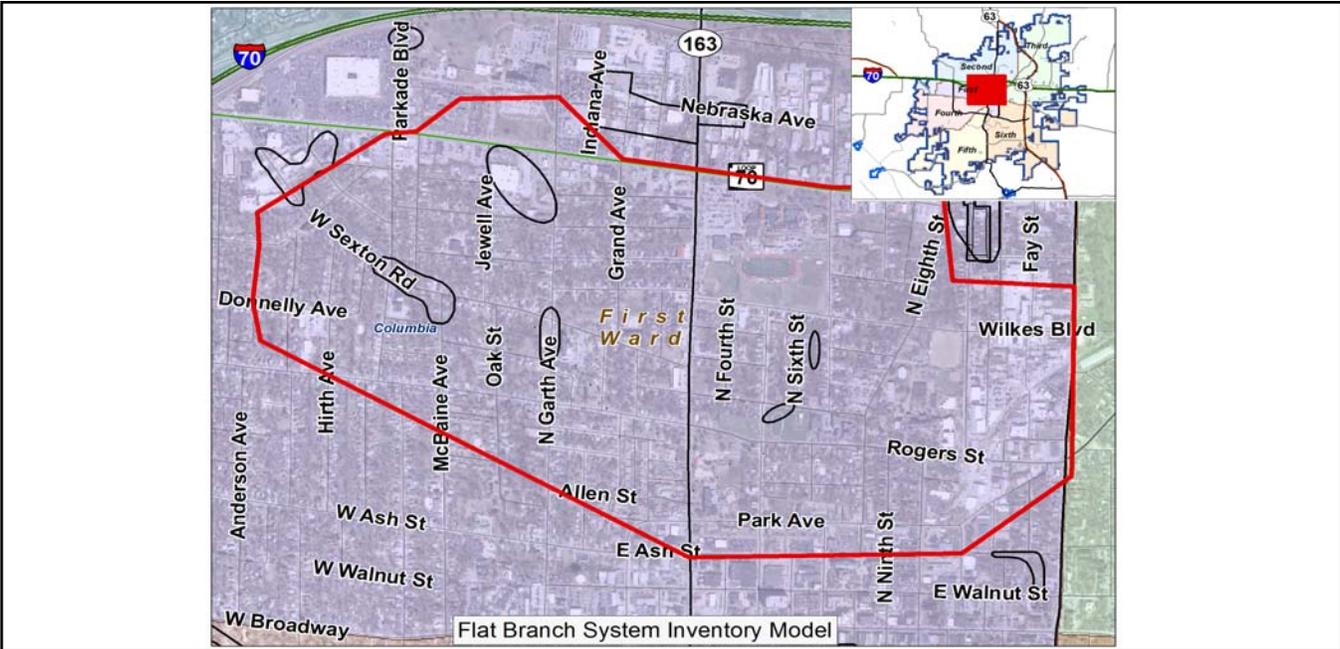
**Current Status:**  
 10/1/14: Future Project

**Factors Effecting Timing/Completion of Project:**  
 Funding

**Eligible Funding Sources:**  
 Future Ballot

**Master Plan:**

FY	Eligible Funding Sources	Amount
2019	Future Ballot	\$400,000
		\$400,000



<b>Greenwood Stewart Phase 2</b>  <b>Description:</b> 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.	<b>Ward</b>	<b>Begin Design</b>	<b>Begin Construction</b>
	4	2019	2019
	<b>Eligible for Percent for Arts?</b>		No
	<b>Current Funding Request:</b>		\$1,600,000
	<b>Total Appropriated:</b>		\$0
	<b>Total City Project Cost:</b>		\$1,600,000
	<b>Est. Project Balance: 10/01/2014</b>		\$0

**Current Status:**  
 10/1/14: Future Project

**Factors Effecting Timing/Completion of Project:**  
 Funding, Easements, Weather

<b>Eligible Funding Sources:</b> Future Ballot  <b>Master Plan:</b>	<b>FY</b>	<b>Eligible Funding Sources</b>	<b>Amount</b>
	2019	Future Ballot	\$1,600,000 \$1,600,000

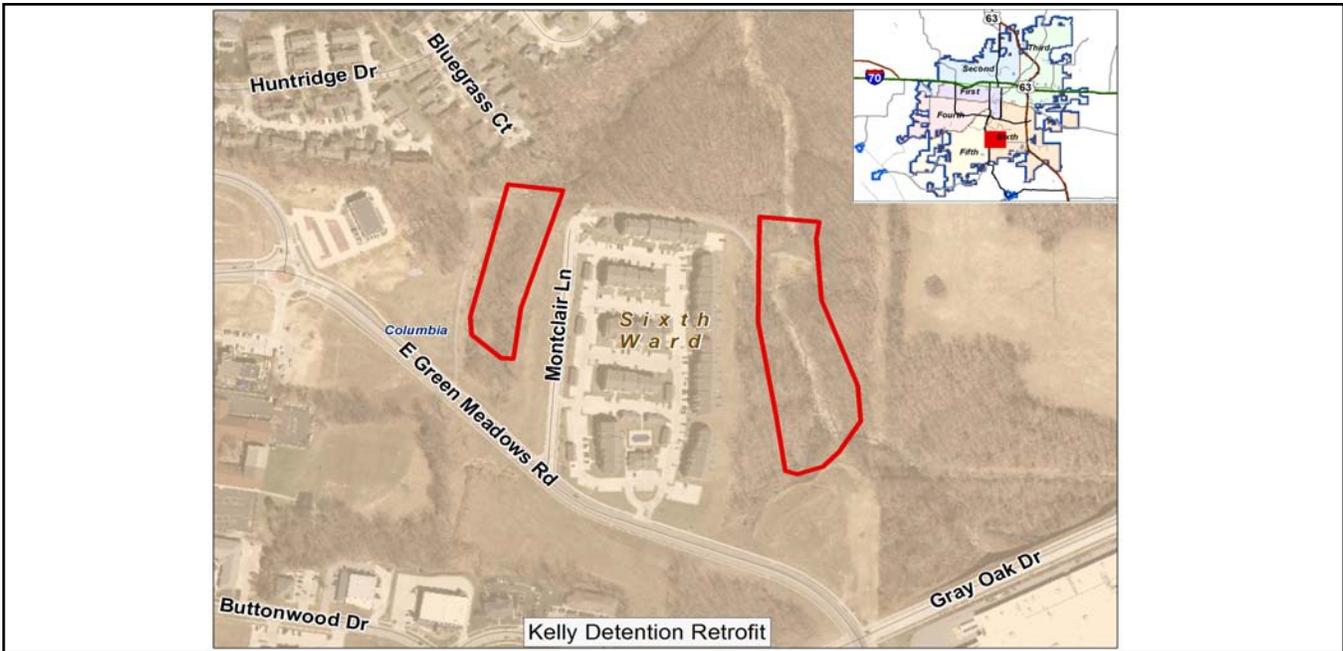


<b>Kelly Detention Retrofit C49108</b>  <b>Description:</b> Enhance existing detention basins to improve water quality	<b>Ward</b>	<b>Begin Design</b>	<b>Begin Construction</b>
	6	2013	2019
	<b>Eligible for Percent for Arts?</b>		No
	<b>Current Funding Request:</b>		\$180,000
	<b>Total Appropriated:</b>		\$91,333
	<b>Total City Project Cost:</b>		\$271,333
	<b>Est. Project Balance: 10/01/2014</b>		\$39,806

**Current Status:**  
 3/10/14 - Preliminary Design

**Factors Effecting Timing/Completion of Project:**  
 Funding

<b>Eligible Funding Sources:</b> Future Ballot  <b>Master Plan:</b> None	<b>FY</b>	<b>Eligible Funding Sources</b>	<b>Amount</b>
	2020	Future Ballot	\$180,000
			\$180,000



<b>Martinshire Drive</b>  <b>Description:</b> Reconstruct existing stormwater system and water quality improvements.	<b>Ward</b>	<b>Begin Design</b>	<b>Begin Construction</b>
	4	2018	2018
	<b>Eligible for Percent for Arts?</b>		No
	<b>Current Funding Request:</b>		\$250,000
	<b>Total Appropriated:</b>		\$0
	<b>Total City Project Cost:</b>		\$250,000
	<b>Est. Project Balance: 10/01/2014</b>		\$0

**Current Status:**  
 10/1/14: Future project

**Factors Effecting Timing/Completion of Project:**  
 Funding

<b>Eligible Funding Sources:</b> Future Ballot  <b>Master Plan:</b>	<b>FY</b>	<b>Eligible Funding Sources</b>	<b>Amount</b>
	2018	Future Ballot	\$250,000
			\$250,000



<b>Mill Creek Phase 3 C49111</b>  <b>Description:</b> Improve flooding intersection of Valencia & El Cortez. Install water quality improvements.	<b>Ward</b>	<b>Begin Design</b>	<b>Begin Construction</b>
	5	2014	2017
	<b>Eligible for Percent for Arts?</b>		No
	<b>Current Funding Request:</b>		\$200,000
	<b>Total Appropriated:</b>		\$10,000
	<b>Total City Project Cost:</b>		\$210,000
	<b>Est. Project Balance: 10/01/2014</b>		\$10,000

**Current Status:**  
 3/10/14: Design will begin if funding becomes available in FY2015

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

<b>Eligible Funding Sources:</b> Future Ballot and Enterprise Revenue  <b>Master Plan:</b>	<b>FY</b>	<b>Eligible Funding Sources</b>	<b>Amount</b>
	2017	Future Ballot	\$200,000
			\$200,000

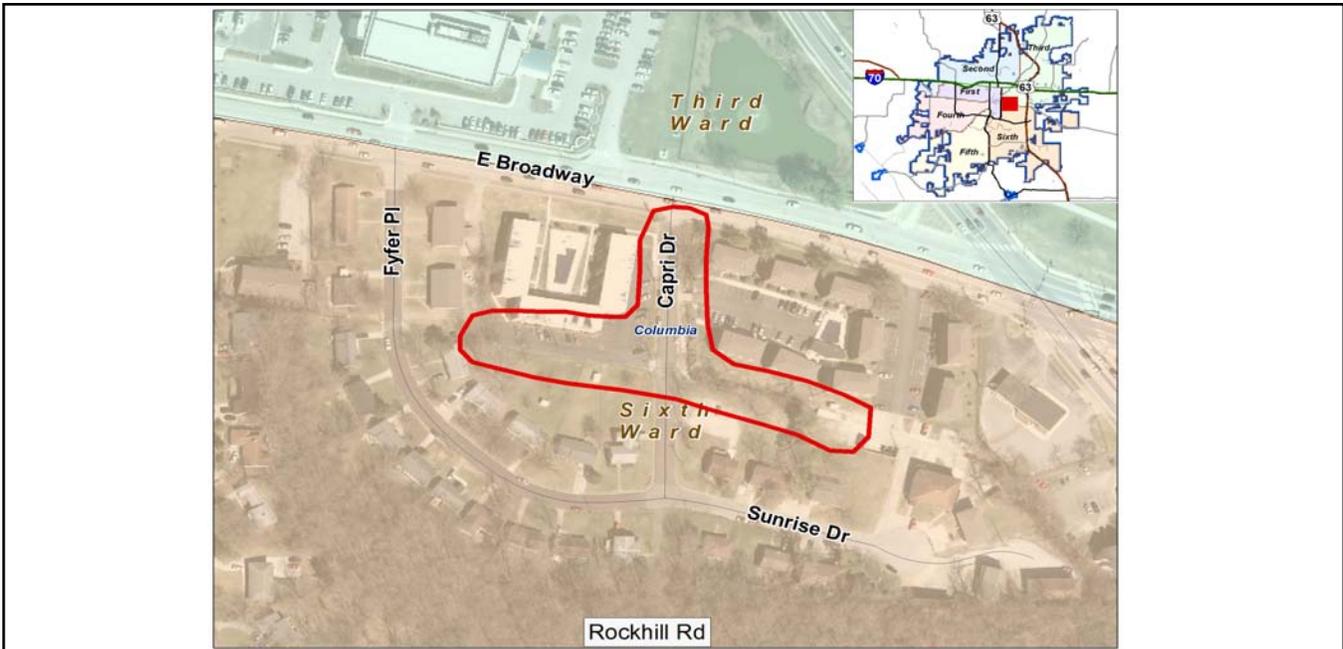


<b>Rockhill Rd</b>  <b>Description:</b> Replace pipe/inlets-needs channel work to protect street	<b>Ward</b>	<b>Begin Design</b>	<b>Begin Construction</b>
	6	2018	2018
	<b>Eligible for Percent for Arts?</b>		No
	<b>Current Funding Request:</b>		\$550,000
	<b>Total Appropriated:</b>		\$0
	<b>Total City Project Cost:</b>		\$550,000
	<b>Est. Project Balance: 10/01/2014</b>		\$0

**Current Status:**  
 10/1/14:Future project

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

<b>Eligible Funding Sources:</b> Future Ballot  <b>Master Plan:</b>	<b>FY</b>	<b>Eligible Funding Sources</b>	<b>Amount</b>
	2018	Future Ballot	\$550,000
			\$550,000



<b>Rollins Rd at Rock Creek</b>  <b>Description:</b> Replace failing corrugated metal pipe	<b>Ward</b>	<b>Begin Design</b>	<b>Begin Construction</b>
	4	2018	2018
	<b>Eligible for Percent for Arts?</b>		No
	<b>Current Funding Request:</b>		\$500,000
	<b>Total Appropriated:</b>		\$0
	<b>Total City Project Cost:</b>		\$500,000
	<b>Est. Project Balance: 10/01/2014</b>		\$0

**Current Status:**  
 Future Project

**Factors Effecting Timing/Completion of Project:**  
 Funding and weather

<b>Eligible Funding Sources:</b> Future ballot  <b>Master Plan:</b>	<b>FY</b>	<b>Eligible Funding Sources</b>	<b>Amount</b>
	2016	Future Ballot	\$50,000
	2017	Future Ballot	\$450,000
			\$500,000



<b>Stormwater Master Plan</b>	<b>Ward</b>	<b>Begin Design</b>	<b>Begin Construction</b>
	NA	2017	2017
<b>Description:</b> Stormwater Utility Master Plan - Watershed studies	<b>Eligible for Percent for Arts?</b>		No
	<b>Current Funding Request:</b>		\$400,000
	<b>Total Appropriated:</b>		\$0
	<b>Total City Project Cost:</b>		\$400,000
	<b>Est. Project Balance: 10/01/2014</b>		\$0

<b>Current Status:</b> 10/1/14 - Future Project
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<b>Factors Effecting Timing/Completion of Project:</b> Funding
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<b>Eligible Funding Sources:</b> Future Ballot	<b>FY</b>	<b>Eligible Funding Sources</b>	<b>Amount</b>
	2017	Future Ballot	\$400,000
<b>Master Plan:</b>			\$400,000

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<b>Vandiver/Sylvan Storm Drainage</b>  <b>Description:</b> Reconstruction of storm water drainage on major arterial to relieve flooding. Includes water quality improvements.	<b>Ward</b>	<b>Begin Design</b>	<b>Begin Construction</b>
	3	2017	2018
	<b>Eligible for Percent for Arts?</b>		No
	<b>Current Funding Request:</b>		\$2,450,000
	<b>Total Appropriated:</b>		\$0
	<b>Total City Project Cost:</b>		\$2,450,000
	<b>Est. Project Balance: 10/01/2014</b>		\$0

**Current Status:**  
10/1/14: Future project

**Factors Effecting Timing/Completion of Project:**  
Funding

<b>Eligible Funding Sources:</b> Future Ballot  <b>Master Plan:</b>	<b>FY</b>	<b>Eligible Funding Sources</b>	<b>Amount</b>
	2017	Future Ballot	\$250,000
	2018	Future Ballot	\$1,450,000
	2019	Future Ballot	\$750,000
			\$2,450,000



<p><b>West Blvd &amp; Stadium Storm Pipe Rehab</b></p> <p><b>Description:</b> Rehab approximately 300LF of corrugated metal pipe near the West Blvd &amp; Stadium intersection</p>	<b>Ward</b>	<b>Begin Design</b>	<b>Begin Construction</b>
	4	2016	2017
	<b>Eligible for Percent for Arts?</b>		No
	<b>Current Funding Request:</b>		\$100,000
	<b>Total Appropriated:</b>		\$0
	<b>Total City Project Cost:</b>		\$100,000
	<b>Est. Project Balance: 10/01/2014</b>		\$0

**Current Status:**  
6/27/14: Proposed

**Factors Effecting Timing/Completion of Project:**  
Unknown

<p><b>Eligible Funding Sources:</b> Future Ballot</p> <p><b>Master Plan:</b> None</p>	<b>FY</b>	<b>Eligible Funding Sources</b>	<b>Amount</b>
	2016	Future FY 2015 Ballot	\$10,000
	2017	Future FY 2015 Ballot	\$90,000
			\$100,000



<p><b>Alan Lane</b></p> <p><b>Description:</b> Inlet/pipe/channel upgrade</p> <p>This is an old drainage system that is deteriorated and undersized and needs to be replaced.</p>	<b>Ward</b>	<b>Begin Design</b>	<b>Begin Construction</b>
	3	2021	2021
	<b>Eligible for Percent for Arts?</b>		No
	<b>Current Funding Request:</b>		\$240,000
	<b>Total Appropriated:</b>		\$0
	<b>Total City Project Cost:</b>		\$240,000
	<b>Est. Project Balance: 10/01/2014</b>		\$0

**Current Status:**  
Future Project

**Factors Effecting Timing/Completion of Project:**  
Funding

<p><b>Eligible Funding Sources:</b> Future Ballot</p> <p><b>Master Plan:</b></p>	<b>FY</b>	<b>Eligible Funding Sources</b>	<b>Amount</b>
	2021	Future Ballot	\$240,000
			\$240,000

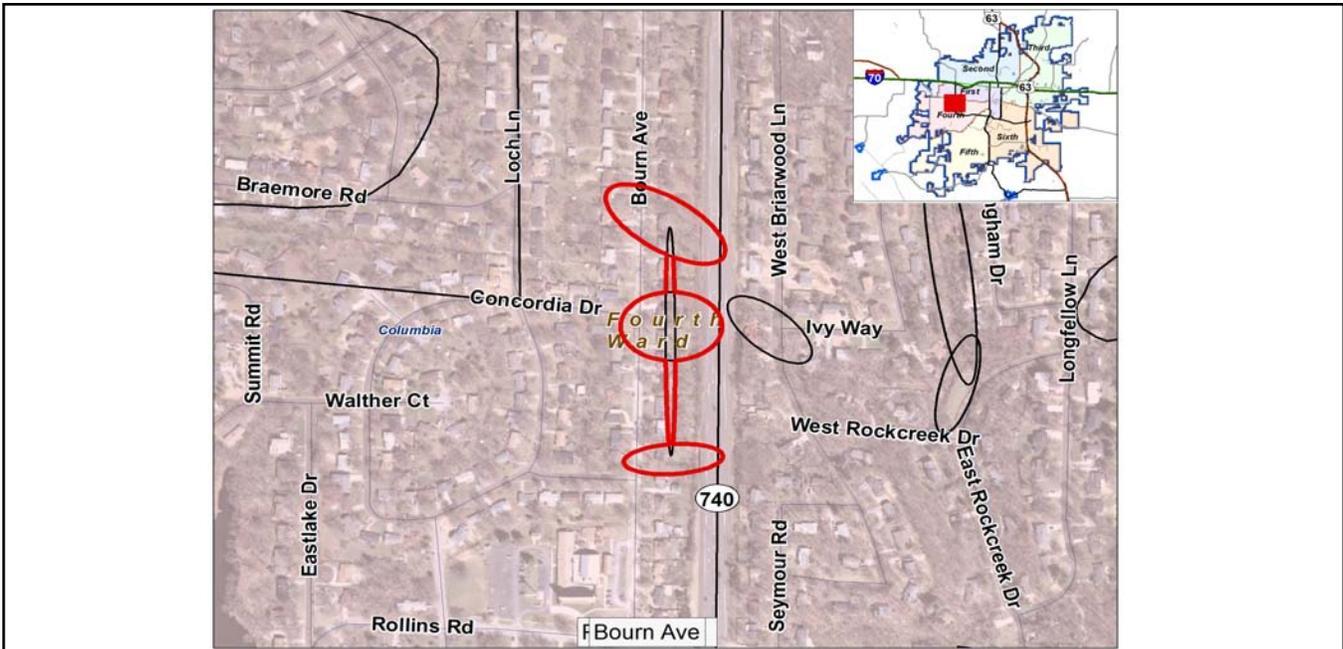


<b>Bourn Avenue</b>  <b>Description:</b> Replacement of failing pipes and inlets, address some open channel concerns, install water quality improvements.	<b>Ward</b>	<b>Begin Design</b>	<b>Begin Construction</b>
	4	2021	2021
	<b>Eligible for Percent for Arts?</b>		No
	<b>Current Funding Request:</b>		\$650,000
	<b>Total Appropriated:</b>		\$0
	<b>Total City Project Cost:</b>		\$650,000
	<b>Est. Project Balance: 10/01/2014</b>		\$0

**Current Status:**  
Conceptual

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

<b>Eligible Funding Sources:</b> Future Ballot  <b>Master Plan:</b>	<b>FY</b>	<b>Eligible Funding Sources</b>	<b>Amount</b>
	2021	Future Ballot	\$650,000
			\$650,000



<b>Braemore Drainage</b>  <b>Description:</b> Reconstruct under sized existing stormwater system to reduce flooding issues. Includes water quality improvements.	<b>Ward</b>	<b>Begin Design</b>	<b>Begin Construction</b>
	4	2021	2022
	<b>Eligible for Percent for Arts?</b>		No
	<b>Current Funding Request:</b>		\$275,000
	<b>Total Appropriated:</b>		\$0
	<b>Total City Project Cost:</b>		\$275,000
	<b>Est. Project Balance: 10/01/2014</b>		\$0

**Current Status:**  
 Future project

**Factors Effecting Timing/Completion of Project:**  
 Funding

<b>Eligible Funding Sources:</b> Future Ballot  <b>Master Plan:</b>	<b>FY</b>	<b>Eligible Funding Sources</b>	<b>Amount</b>
	2021	Future Ballot	\$27,500
	2022	Future Ballot	\$247,500
			\$275,000



<b>Bray/Longwell Drainage</b>  <b>Description:</b> Swale modification and pipe extension to fix flooding problem in area	<b>Ward</b>	<b>Begin Design</b>	<b>Begin Construction</b>
	4	2021	2021
	<b>Eligible for Percent for Arts?</b>		No
	<b>Current Funding Request:</b>		\$250,000
	<b>Total Appropriated:</b>		\$0
	<b>Total City Project Cost:</b>		\$250,000
	<b>Est. Project Balance: 10/01/2014</b>		\$0

**Current Status:**  
 Future project

**Factors Effecting Timing/Completion of Project:**  
 Funding

<b>Eligible Funding Sources:</b> Future Ballot  <b>Master Plan:</b>	<b>FY</b>	<b>Eligible Funding Sources</b>	<b>Amount</b>
	2021	Future Ballot	\$250,000
			\$250,000

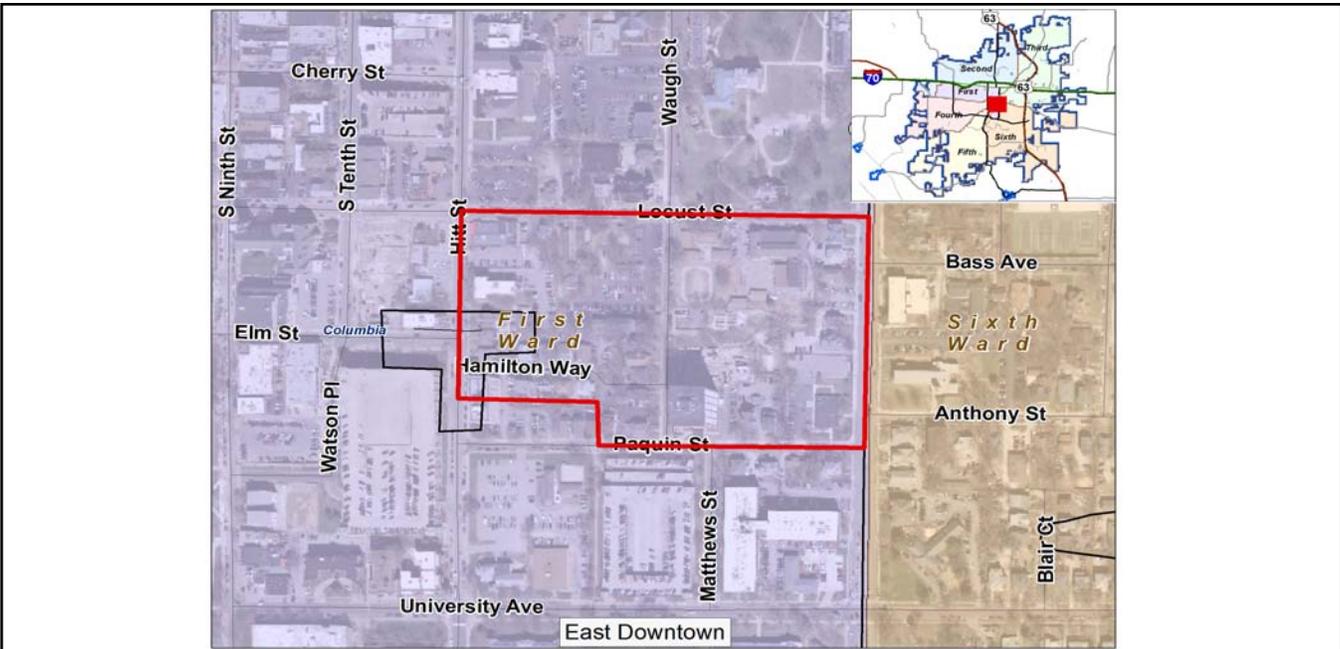


<b>East Downtown</b>  <b>Description:</b> Replace failing and undersized CMP from Hitt and Elm to College and Elm. Include water quality improvements.	<b>Ward</b>	<b>Begin Design</b>	<b>Begin Construction</b>
	1	2019	2020
	<b>Eligible for Percent for Arts?</b>		No
	<b>Current Funding Request:</b>		\$1,500,000
	<b>Total Appropriated:</b>		\$0
	<b>Total City Project Cost:</b>		\$1,500,000
	<b>Est. Project Balance: 10/01/2014</b>		\$0

**Current Status:**  
 10/1/14: Future project

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

<b>Eligible Funding Sources:</b> Future Ballot	<b>FY</b>	<b>Eligible Funding Sources</b>	<b>Amount</b>
	2019	Future Ballot	\$50,000
	2020	Future Ballot	\$1,450,000
			\$1,500,000
<b>Master Plan:</b>			



<b>East Point Storm Water Study</b>  <b>Description:</b> Study storm water at East Point	<b>Ward</b>	<b>Begin Design</b>	<b>Begin Construction</b>
	6	2021	2021
	<b>Eligible for Percent for Arts?</b>		No
	<b>Current Funding Request:</b>		\$50,000
	<b>Total Appropriated:</b>		\$0
	<b>Total City Project Cost:</b>		\$50,000
	<b>Est. Project Balance: 10/01/2014</b>		\$0

**Current Status:**  
6/27/14: Conceptual

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

<b>Eligible Funding Sources:</b> Unfunded	<b>FY</b>	<b>Eligible Funding Sources</b>	<b>Amount</b>
	2021	Unfunded	\$50,000
			\$50,000
<b>Master Plan:</b> none			



<b>English/Subella/Jake Drainage</b>  <b>Description:</b> Upgrade existing system. Reconstruct existing stormwater system to reduce flooding issues.	<b>Ward</b>	<b>Begin Design</b>	<b>Begin Construction</b>
	4	2021	2022
	<b>Eligible for Percent for Arts?</b>		No
	<b>Current Funding Request:</b>		\$180,000
	<b>Total Appropriated:</b>		\$0
	<b>Total City Project Cost:</b>		\$180,000
	<b>Est. Project Balance: 10/01/2014</b>		\$0

**Current Status:**  
 Future project

**Factors Effecting Timing/Completion of Project:**  
 Funding and RoW

<b>Eligible Funding Sources:</b> Future Ballot  <b>Master Plan:</b>	<b>FY</b>	<b>Eligible Funding Sources</b>	<b>Amount</b>
	2021	Future Ballot	\$18,000
	2022	Future Ballot	\$162,000
			\$180,000



<b>Garth-Jewell</b>  <b>Description:</b> Replace failing infrastructure under the buildings, install water quality improvements.	<b>Ward</b>	<b>Begin Design</b>	<b>Begin Construction</b>
	1	2021	2021
	<b>Eligible for Percent for Arts?</b>		No
	<b>Current Funding Request:</b>		\$250,000
	<b>Total Appropriated:</b>		\$0
	<b>Total City Project Cost:</b>		\$250,000
	<b>Est. Project Balance: 10/01/2014</b>		\$0

**Current Status:**  
Conceptual

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

<b>Eligible Funding Sources:</b> Future Ballot  <b>Master Plan:</b>	<b>FY</b>	<b>Eligible Funding Sources</b>	<b>Amount</b>
	2021	Future Ballot	\$250,000
			\$250,000



<b>Gillespie Bridge Road</b>  <b>Description:</b> Replace undersized corrugated metal pipe (CMP). May require road to be raised.	<b>Ward</b>	<b>Begin Design</b>	<b>Begin Construction</b>
	5	2021	2022
	<b>Eligible for Percent for Arts?</b>		No
	<b>Current Funding Request:</b>		\$600,000
	<b>Total Appropriated:</b>		\$0
	<b>Total City Project Cost:</b>		\$600,000
	<b>Est. Project Balance: 10/01/2014</b>		\$0

**Current Status:**  
 Conceptual

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

<b>Eligible Funding Sources:</b> Future Ballot  <b>Master Plan:</b>	<b>FY</b>	<b>Eligible Funding Sources</b>	<b>Amount</b>
	2021	Future Ballot	\$60,000
	2022	Future Ballot	\$540,000
			\$600,000

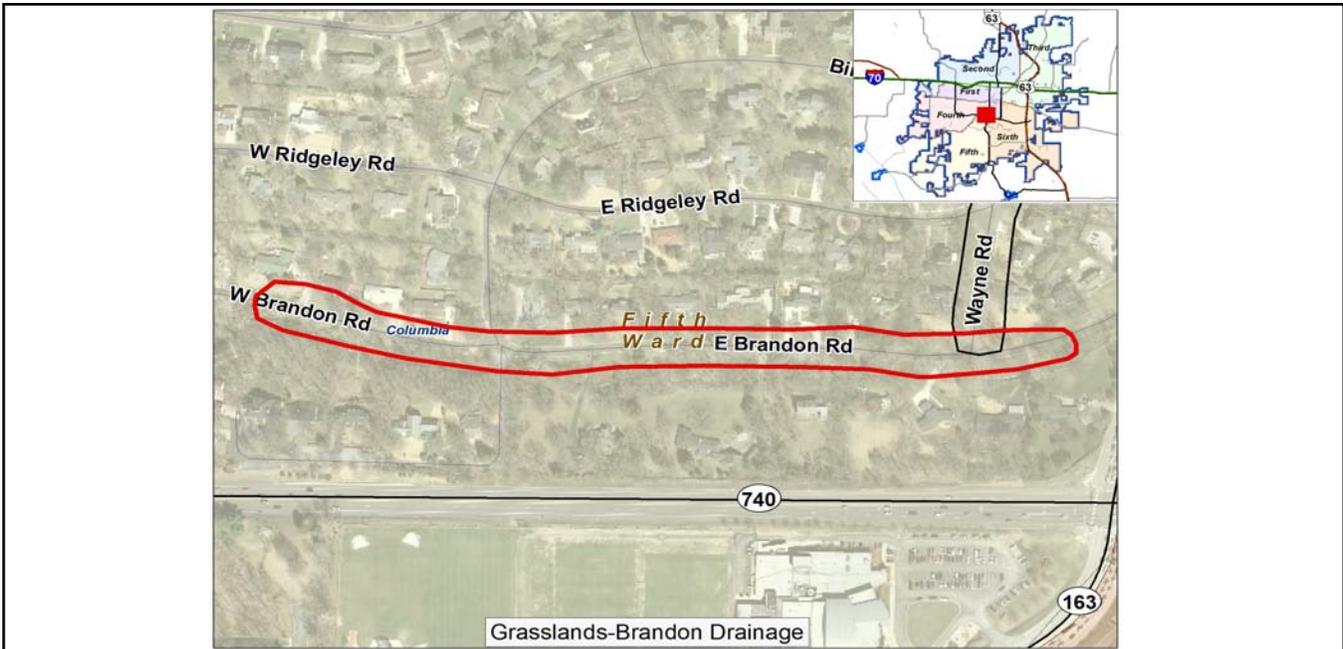


<b>Grasslands-Brandon Drainage</b>  <b>Description:</b> Improve existing open channel system	<b>Ward</b>	<b>Begin Design</b>	<b>Begin Construction</b>
	4	2021	2021
	<b>Eligible for Percent for Arts?</b>		No
	<b>Current Funding Request:</b>		\$1,100,000
	<b>Total Appropriated:</b>		\$0
	<b>Total City Project Cost:</b>		\$1,100,000
	<b>Est. Project Balance: 10/01/2014</b>		\$0

**Current Status:**  
 Future project

**Factors Effecting Timing/Completion of Project:**  
 Funding, property owners, weather

<b>Eligible Funding Sources:</b> Future Stormwater Ballot  <b>Master Plan:</b>	<b>FY</b>	<b>Eligible Funding Sources</b>	<b>Amount</b>
	2021	Future Ballot	\$1,100,000
			\$1,100,000



<p><b>Greenwood South</b></p> <p><b>Description:</b> Replace failing CMP, address flooding concerns and erosion at outlet.</p>	<b>Ward</b>	<b>Begin Design</b>	<b>Begin Construction</b>
	4	2022	2022
	<b>Eligible for Percent for Arts?</b>		No
	<b>Current Funding Request:</b>		\$200,000
	<b>Total Appropriated:</b>		\$0
	<b>Total City Project Cost:</b>		\$200,000
	<b>Est. Project Balance: 10/01/2014</b>		\$0

**Current Status:**  
Conceptual

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

<p><b>Eligible Funding Sources:</b> Future Ballot</p> <p><b>Master Plan:</b></p>	<b>FY</b>	<b>Eligible Funding Sources</b>	<b>Amount</b>
	2022	Future Ballot	\$200,000
			\$200,000

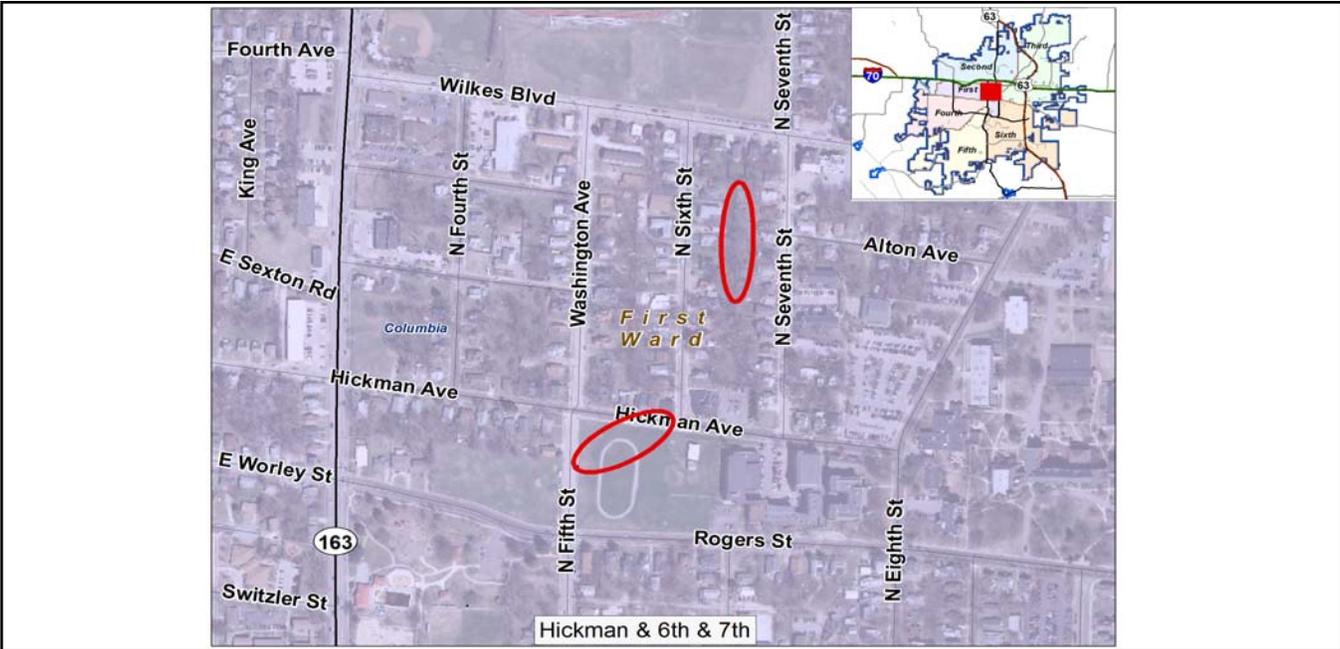


<p><b>Hickman &amp; 6th &amp; 7th</b></p> <p><b>Description:</b>                  Replace undersized, failing box culvert, create an overflow section, replace failing pipes. Install water quality improvements.</p>	<b>Ward</b>	<b>Begin Design</b>	<b>Begin Construction</b>
	1	2022	2022
	<b>Eligible for Percent for Arts?</b>		No
	<b>Current Funding Request:</b>		\$950,000
	<b>Total Appropriated:</b>		\$0
	<b>Total City Project Cost:</b>		\$950,000
	<b>Est. Project Balance: 10/01/2014</b>		\$0

**Current Status:**  
 Conceptual

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

<p><b>Eligible Funding Sources:</b>                  Future Ballot</p> <p><b>Master Plan:</b></p>	<b>FY</b>	<b>Eligible Funding Sources</b>	<b>Amount</b>
	2022	Future Ballot	\$950,000
			\$950,000



<b>Hinkson Avenue</b>  <b>Description:</b> Design and replace undersized system from Ann and Amelia to Hinkson Ave and Old 63, including Stephens Stables.	<b>Ward</b>	<b>Begin Design</b>	<b>Begin Construction</b>
	3	2021	2022
	<b>Eligible for Percent for Arts?</b>		No
	<b>Current Funding Request:</b>		\$300,000
	<b>Total Appropriated:</b>		\$0
	<b>Total City Project Cost:</b>		\$300,000
	<b>Est. Project Balance: 10/01/2014</b>		\$0

**Current Status:**  
 Future Project

**Factors Effecting Timing/Completion of Project:**  
 funding

<b>Eligible Funding Sources:</b> Future Ballot	<b>FY</b>	<b>Eligible Funding Sources</b>	<b>Amount</b>
	2022	Future Ballot	\$300,000
			\$300,000
<b>Master Plan:</b>			



<b>Leawood Subdivision</b>  <b>Description:</b> 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.	<b>Ward</b>	<b>Begin Design</b>	<b>Begin Construction</b>
	4	2021	2022
	<b>Eligible for Percent for Arts?</b>		No
	<b>Current Funding Request:</b>		\$1,775,000
	<b>Total Appropriated:</b>		\$0
	<b>Total City Project Cost:</b>		\$1,775,000
	<b>Est. Project Balance: 10/01/2014</b>		\$0

**Current Status:**  
Conceptual

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

<b>Eligible Funding Sources:</b> Future Ballot  <b>Master Plan:</b>	<b>FY</b>	<b>Eligible Funding Sources</b>	<b>Amount</b>
	2022	Future Ballot	\$1,775,000
			\$1,775,000



<p><b>Mary Jane Jamesdale</b></p> <p><b>Description:</b> Alleviate street flooding and erosion issues.</p>	<b>Ward</b>	<b>Begin Design</b>	<b>Begin Construction</b>
	3	2023	2023
	<b>Eligible for Percent for Arts?</b>		No
	<b>Current Funding Request:</b>		\$150,000
	<b>Total Appropriated:</b>		\$0
	<b>Total City Project Cost:</b>		\$150,000
	<b>Est. Project Balance: 10/01/2014</b>		\$0

**Current Status:**  
Conceptual

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

<p><b>Eligible Funding Sources:</b> Future Ballot</p> <p><b>Master Plan:</b></p>	<b>FY</b>	<b>Eligible Funding Sources</b>	<b>Amount</b>
	2023	Future Ballot	\$150,000
			\$150,000

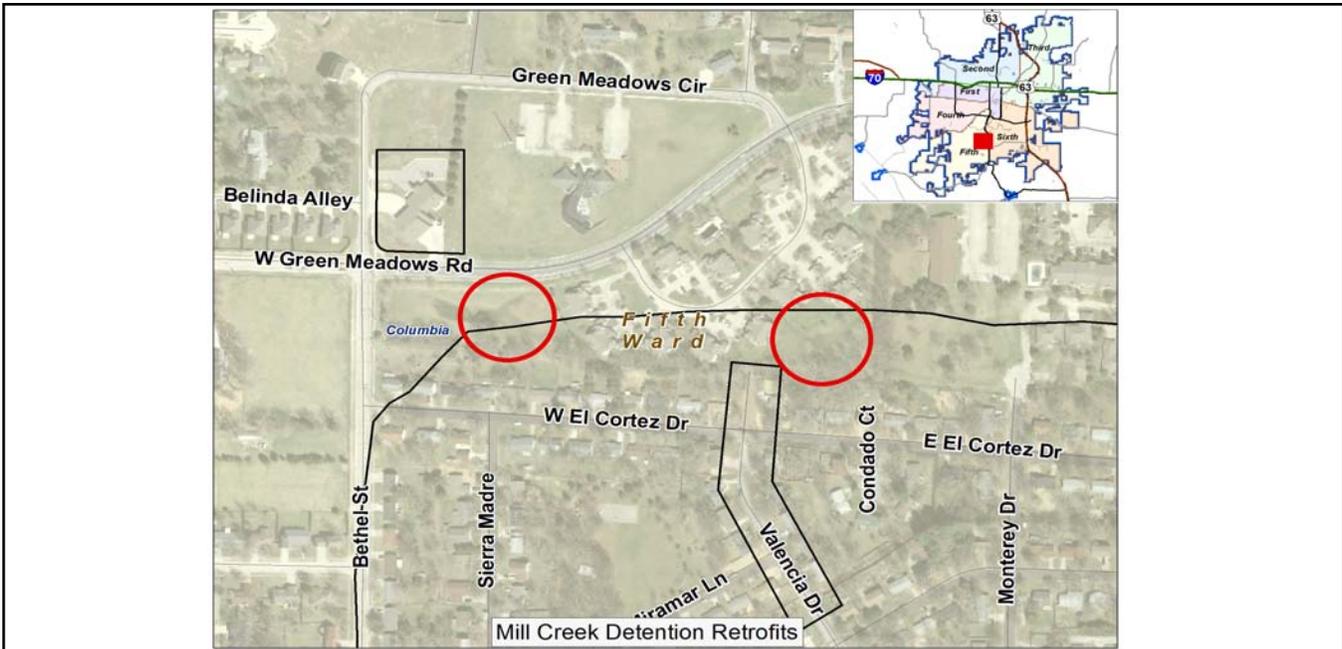


<b>Mill Creek Detention Retrofits</b>  <b>Description:</b> Retrofit detention basins on PUD properties for the water quality storm.	<b>Ward</b>	<b>Begin Design</b>	<b>Begin Construction</b>
	5	2023	2023
	<b>Eligible for Percent for Arts?</b>		No
	<b>Current Funding Request:</b>		\$300,000
	<b>Total Appropriated:</b>		\$0
	<b>Total City Project Cost:</b>		\$300,000
	<b>Est. Project Balance: 10/01/2014</b>		\$0

**Current Status:**  
 Conceptual

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

<b>Eligible Funding Sources:</b> Future Ballot	<b>FY</b>	<b>Eligible Funding Sources</b>	<b>Amount</b>
	2023	Future Ballot	\$300,000
			\$300,000
<b>Master Plan:</b>			



<p><b>Mitigation Bank Program</b></p> <p><b>Description:</b> Funding to creek stream bank &amp; wetland mitigation projects that can be used as a mitigation bank for other projects constructed in Columbia</p>	<b>Ward</b>	<b>Begin Design</b>	<b>Begin Construction</b>
	1, 2, 3, 4, 5, 6	2017	2021
	<b>Eligible for Percent for Arts?</b>		No
	<b>Current Funding Request:</b>		\$1,000,000
	<b>Total Appropriated:</b>		\$0
	<b>Total City Project Cost:</b>		\$1,000,000
	<b>Est. Project Balance: 10/01/2014</b>		\$0

<p><b>Current Status:</b> 6/27/14: Proposed</p>
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<p><b>Factors Effecting Timing/Completion of Project:</b> Unknown</p>
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<p><b>Eligible Funding Sources:</b> Future Ballot</p> <p><b>Master Plan:</b> None</p>	<b>FY</b>	<b>Eligible Funding Sources</b>	<b>Amount</b>
	2017	Future Ballot	\$200,000
	2018	Future Ballot	\$200,000
	2019	Future Ballot	\$200,000
	2020	Future Ballot	\$200,000
	2021	Future Ballot	\$200,000
			\$1,000,000

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<p><b>Nebraska Avenue</b></p> <p><b>Description:</b>                  Replace undersized system to alleviate severe street flooding. Use water quality retrofits to address possible "hot spot" concerns.</p>	<b>Ward</b>	<b>Begin Design</b>	<b>Begin Construction</b>
	1	2020	2020
	<b>Eligible for Percent for Arts?</b>		No
	<b>Current Funding Request:</b>		\$350,000
	<b>Total Appropriated:</b>		\$0
	<b>Total City Project Cost:</b>		\$350,000
	<b>Est. Project Balance: 10/01/2014</b>		\$0

**Current Status:**  
 Preliminary

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

<p><b>Eligible Funding Sources:</b>                  Future Ballot</p> <p><b>Master Plan:</b></p>	<b>FY</b>	<b>Eligible Funding Sources</b>	<b>Amount</b>
	2020	Future Ballot	\$350,000
			\$350,000



<p><b>Old Plank Storm Drainage - South Side</b></p> <p><b>Description:</b> Improve roadside ditches to handle stormwater</p>	<b>Ward</b>	<b>Begin Design</b>	<b>Begin Construction</b>
	5	2023	2023
	<b>Eligible for Percent for Arts?</b>		No
	<b>Current Funding Request:</b>		\$162,000
	<b>Total Appropriated:</b>		\$0
	<b>Total City Project Cost:</b>		\$162,000
	<b>Est. Project Balance: 10/01/2014</b>		\$0

**Current Status:**  
Future project

**Factors Effecting Timing/Completion of Project:**  
Funding, development

<p><b>Eligible Funding Sources:</b> Future Ballot</p> <p><b>Master Plan:</b></p>	<b>FY</b>	<b>Eligible Funding Sources</b>	<b>Amount</b>
	2023	Future Ballot	\$162,000
			\$162,000

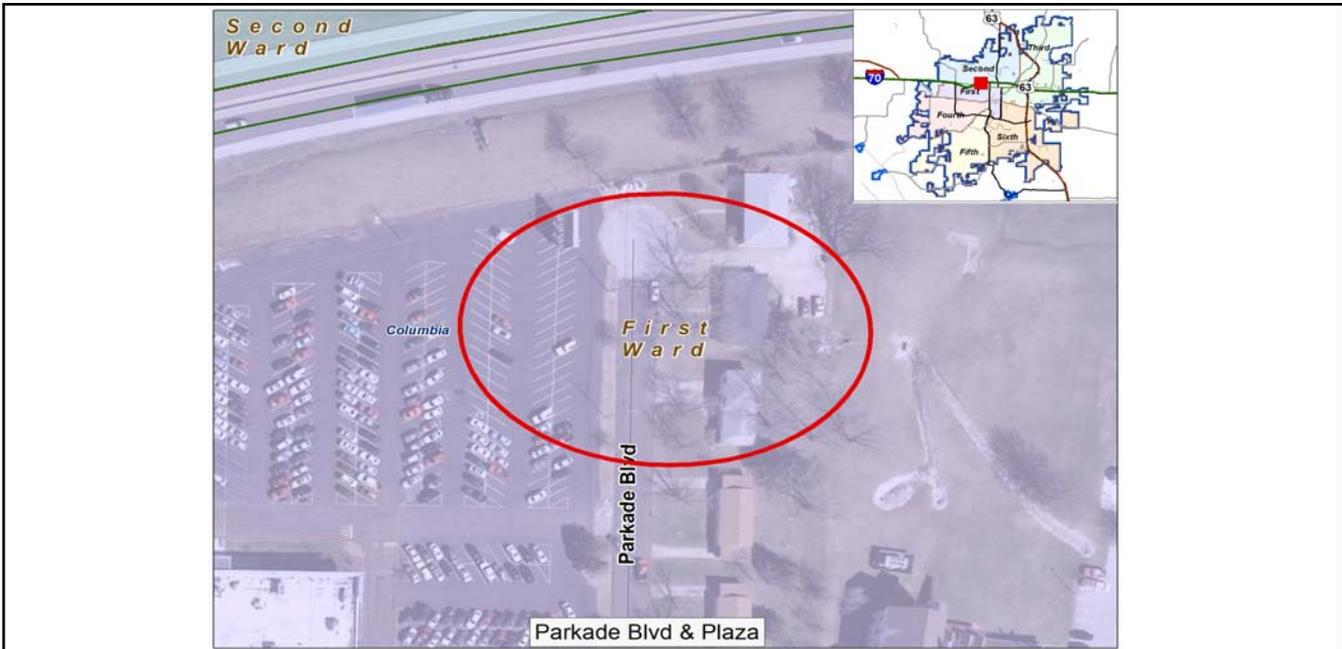


<b>Parkade Blvd and Plaza</b>  <b>Description:</b> Replace undersized and failing system and install detention and water quality improvements.	<b>Ward</b>	<b>Begin Design</b>	<b>Begin Construction</b>
	1	2023	2023
	<b>Eligible for Percent for Arts?</b>		No
	<b>Current Funding Request:</b>		\$350,000
	<b>Total Appropriated:</b>		\$0
	<b>Total City Project Cost:</b>		\$350,000
	<b>Est. Project Balance: 10/01/2014</b>		\$0

**Current Status:**  
Conceptual

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

<b>Eligible Funding Sources:</b> Future Ballot  <b>Master Plan:</b>	<b>FY</b>	<b>Eligible Funding Sources</b>	<b>Amount</b>
	2023	Future Ballot	\$350,000
			\$350,000



<b>Proctor Drive</b>  <b>Description:</b> CMP Culvert replacement due to street flooding.	<b>Ward</b>	<b>Begin Design</b>	<b>Begin Construction</b>
	2	2023	2023
	<b>Eligible for Percent for Arts?</b>		No
	<b>Current Funding Request:</b>		\$600,000
	<b>Total Appropriated:</b>		\$0
	<b>Total City Project Cost:</b>		\$600,000
	<b>Est. Project Balance: 10/01/2014</b>		\$0

**Current Status:**  
 Future project

**Factors Effecting Timing/Completion of Project:**  
 Funding

<b>Eligible Funding Sources:</b> Future Ballot  <b>Master Plan:</b>	<b>FY</b>	<b>Eligible Funding Sources</b>	<b>Amount</b>
	2023	Future Ballot	\$600,000
			\$600,000

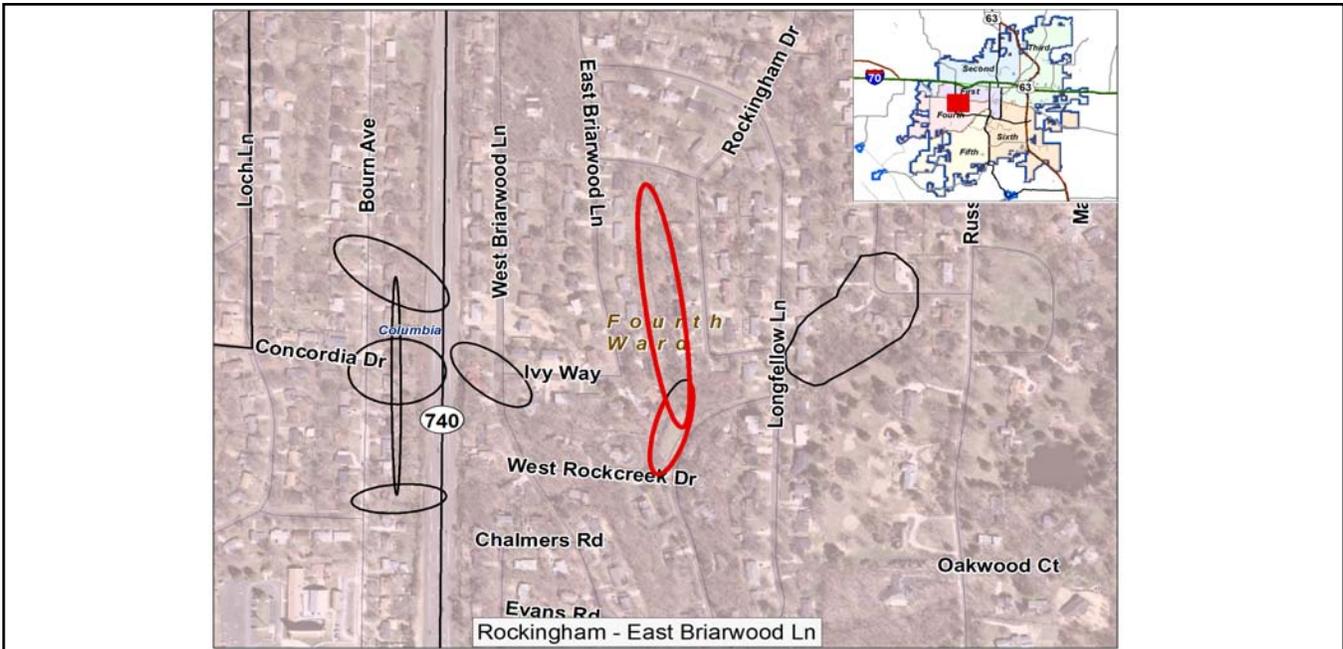


<b>Rockingham - E. Briarwood</b>  <b>Description:</b> Replace undersized CMP system that is failing. Backyard flooding to be addressed. Install water quality improvements to help culvert at Rollins Road.	<b>Ward</b>	<b>Begin Design</b>	<b>Begin Construction</b>
	4	2023	2023
	<b>Eligible for Percent for Arts?</b>		No
	<b>Current Funding Request:</b>		\$550,000
	<b>Total Appropriated:</b>		\$0
	<b>Total City Project Cost:</b>		\$550,000
	<b>Est. Project Balance: 10/01/2014</b>		\$0

**Current Status:**  
Conceptual

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

<b>Eligible Funding Sources:</b> Future Ballot  <b>Master Plan:</b>	<b>FY</b>	<b>Eligible Funding Sources</b>	<b>Amount</b>
	2023	Future Ballot	\$550,000
			\$550,000

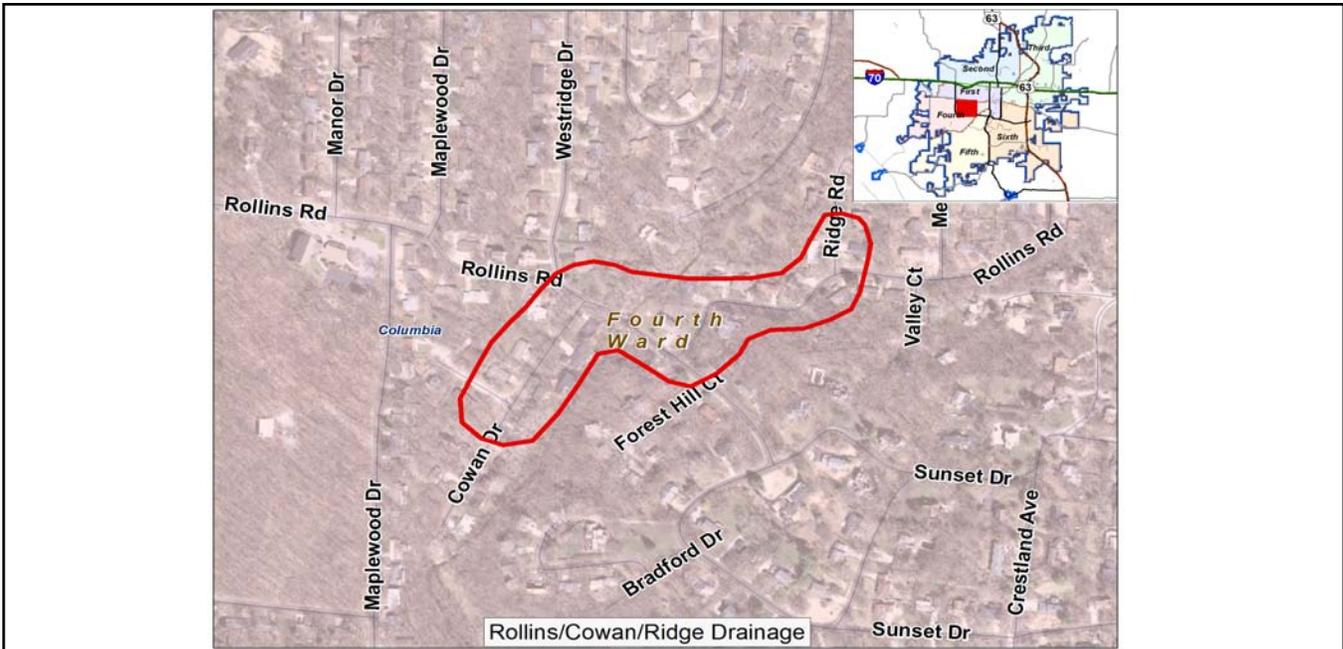


<b>Rollins/Cowan/Ridge Drainage</b>  <b>Description:</b> Inlet/pipe replacement	<b>Ward</b>	<b>Begin Design</b>	<b>Begin Construction</b>
	4	2024	2024
	<b>Eligible for Percent for Arts?</b>		No
	<b>Current Funding Request:</b>		\$170,000
	<b>Total Appropriated:</b>		\$0
	<b>Total City Project Cost:</b>		\$170,000
	<b>Est. Project Balance: 10/01/2014</b>		\$0

**Current Status:**  
 Future project

**Factors Effecting Timing/Completion of Project:**  
 funding

<b>Eligible Funding Sources:</b> Future Ballot  <b>Master Plan:</b>	<b>FY</b>	<b>Eligible Funding Sources</b>	<b>Amount</b>
	2024	Future Ballot	\$170,000
			\$170,000

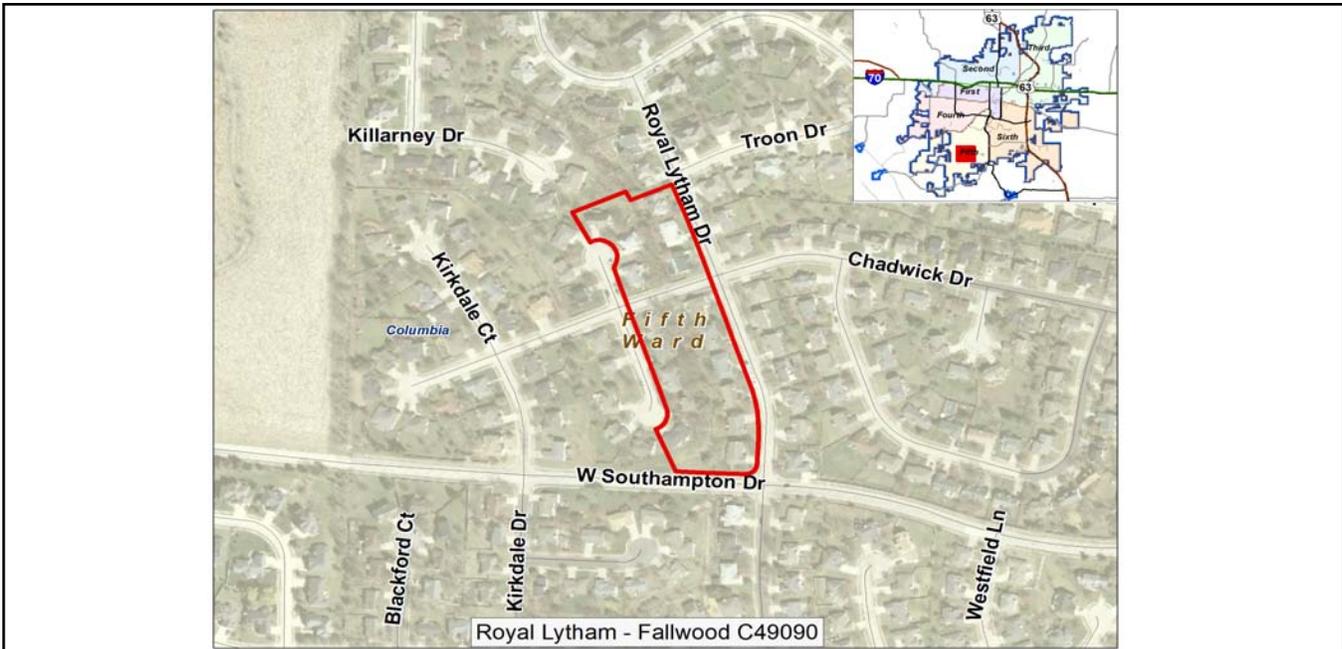


<b>Royal Lytham - Fallwood C49090</b>  <b>Description:</b> Reconstruct existing stormwater system to reduce flooding issues, including water quality improvements	<b>Ward</b>	<b>Begin Design</b>	<b>Begin Construction</b>
	5	2010	2020
	<b>Eligible for Percent for Arts?</b>		No
	<b>Current Funding Request:</b>		\$376,500
	<b>Total Appropriated:</b>		\$33,500
	<b>Total City Project Cost:</b>		\$410,000
	<b>Est. Project Balance: 10/01/2014</b>		\$10,963

**Current Status:**  
 10/1/14: Project on hold due to funding.

**Factors Effecting Timing/Completion of Project:**  
 Funding, permits

<b>Eligible Funding Sources:</b> Enterprise Revenue and Future Ballot  <b>Master Plan:</b>	<b>FY</b>	<b>Eligible Funding Sources</b>	<b>Amount</b>
	2020	Future Ballot	\$376,500
			\$376,500



<p><b>Seventh and Locust</b></p> <p><b>Description:</b>                  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 &amp; Cherry.</p>	<b>Ward</b>	<b>Begin Design</b>	<b>Begin Construction</b>
	1	2021	2021
	<b>Eligible for Percent for Arts?</b>		No
	<b>Current Funding Request:</b>		\$1,200,000
	<b>Total Appropriated:</b>		\$0
	<b>Total City Project Cost:</b>		\$1,200,000
	<b>Est. Project Balance: 10/01/2014</b>		\$0

**Current Status:**  
 Future Project

**Factors Effecting Timing/Completion of Project:**  
 Funding and Weather

<p><b>Eligible Funding Sources:</b>                  Future Ballot</p> <p><b>Master Plan:</b>                  None</p>	<b>FY</b>	<b>Eligible Funding Sources</b>	<b>Amount</b>
	2021	Unfunded	\$1,200,000
			\$1,200,000



<b>Sexton Road at Jackson</b>  <b>Description:</b> Replace existing stormwater system to reduce flooding issues.	<b>Ward</b>	<b>Begin Design</b>	<b>Begin Construction</b>
	1	2020	2020
	<b>Eligible for Percent for Arts?</b>		No
	<b>Current Funding Request:</b>		\$315,000
	<b>Total Appropriated:</b>		\$0
	<b>Total City Project Cost:</b>		\$315,000
	<b>Est. Project Balance: 10/01/2014</b>		\$0

**Current Status:**  
 10/1/14: Future Project

**Factors Effecting Timing/Completion of Project:**  
 Funding

<b>Eligible Funding Sources:</b> Future Ballot  <b>Master Plan:</b>	<b>FY</b>	<b>Eligible Funding Sources</b>	<b>Amount</b>
	2020	Future Ballot	\$315,000
			\$315,000

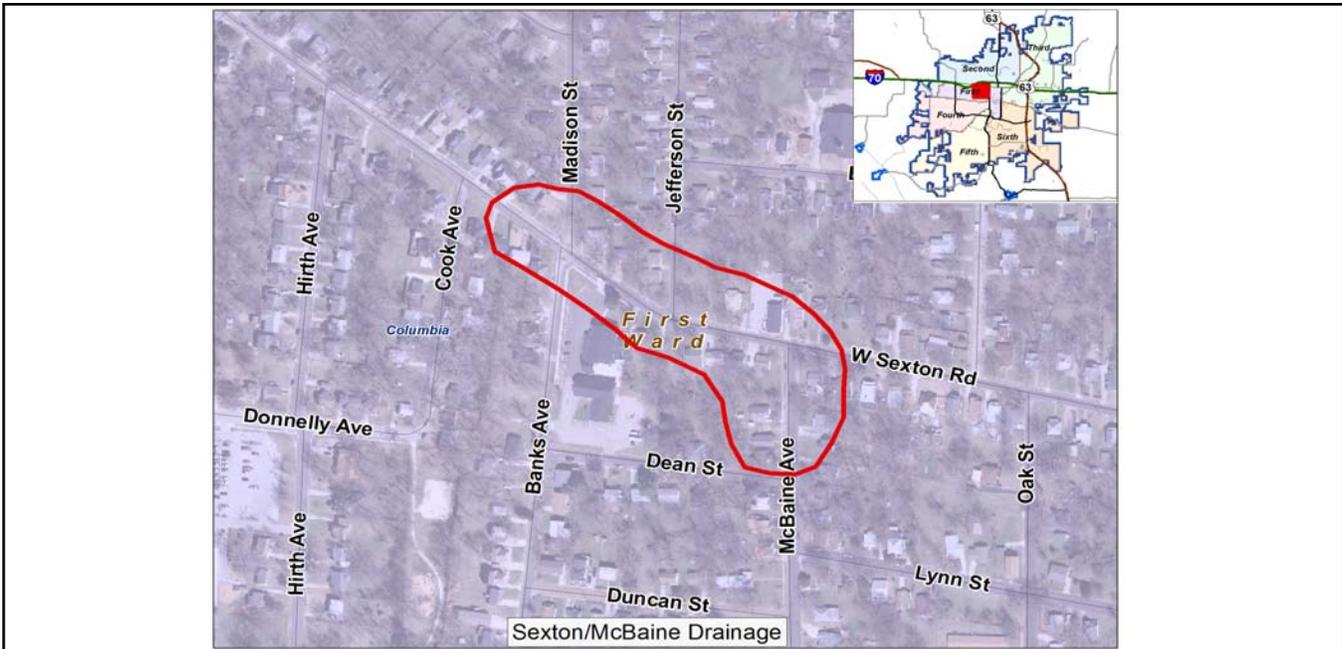


<b>Sexton/McBaine Drainage</b>  <b>Description:</b> Replace existing storm water drain to reduce flooding issues.	<b>Ward</b>	<b>Begin Design</b>	<b>Begin Construction</b>
	1	2020	2020
	<b>Eligible for Percent for Arts?</b>		No
	<b>Current Funding Request:</b>		\$265,500
	<b>Total Appropriated:</b>		\$0
	<b>Total City Project Cost:</b>		\$265,500
	<b>Est. Project Balance: 10/01/2014</b>		\$0

**Current Status:**  
 10/1/14: Future project

**Factors Effecting Timing/Completion of Project:**  
 Funding

<b>Eligible Funding Sources:</b> Future Ballot  <b>Master Plan:</b>	<b>FY</b>	<b>Eligible Funding Sources</b>	<b>Amount</b>
	2020	Future Ballot	\$265,500
			\$265,500



**Sixth & Elm Storm Drain Replacement  
C49109**

**Description:**  
This proposed project involves replacing approximately 320 feet of 60-inch by 48-inch reinforced concrete box (RCB) between S. Fifth Street and S. Sixth Street near Elm Street. The existing RCB is approximately 100 years old and is in poor structural condition.

Ward	Begin Design	Begin Construction
1	2013	2024
<b>Eligible for Percent for Arts?</b>		No
<b>Current Funding Request:</b>		\$700,000
<b>Total Appropriated:</b>		\$27,500
<b>Total City Project Cost:</b>		\$727,500
<b>Est. Project Balance: 10/01/2014</b>		\$27,500

**Current Status:**  
10/1/14 - Future Project

**Factors Effecting Timing/Completion of Project:**  
Easements, funding and weather

**Eligible Funding Sources:**  
Future Ballot

**Master Plan:**  
none

FY	Eligible Funding Sources	Amount
2024	Future Ballot	\$700,000
		\$700,000



<b>Stewart Park Drainage</b>  <b>Description:</b> Drainage improvements/erosion stabilization	<b>Ward</b>	<b>Begin Design</b>	<b>Begin Construction</b>
	1	2024	2024
	<b>Eligible for Percent for Arts?</b>		No
	<b>Current Funding Request:</b>		\$100,000
	<b>Total Appropriated:</b>		\$0
	<b>Total City Project Cost:</b>		\$100,000
	<b>Est. Project Balance: 10/01/2014</b>		\$0

**Current Status:**  
 10/1/14: Future project

**Factors Effecting Timing/Completion of Project:**  
 Funding, Board of Directors of the park

<b>Eligible Funding Sources:</b> Future Ballot  <b>Master Plan:</b>	<b>FY</b>	<b>Eligible Funding Sources</b>	<b>Amount</b>
	2024	Future Ballot	\$100,000
			\$100,000

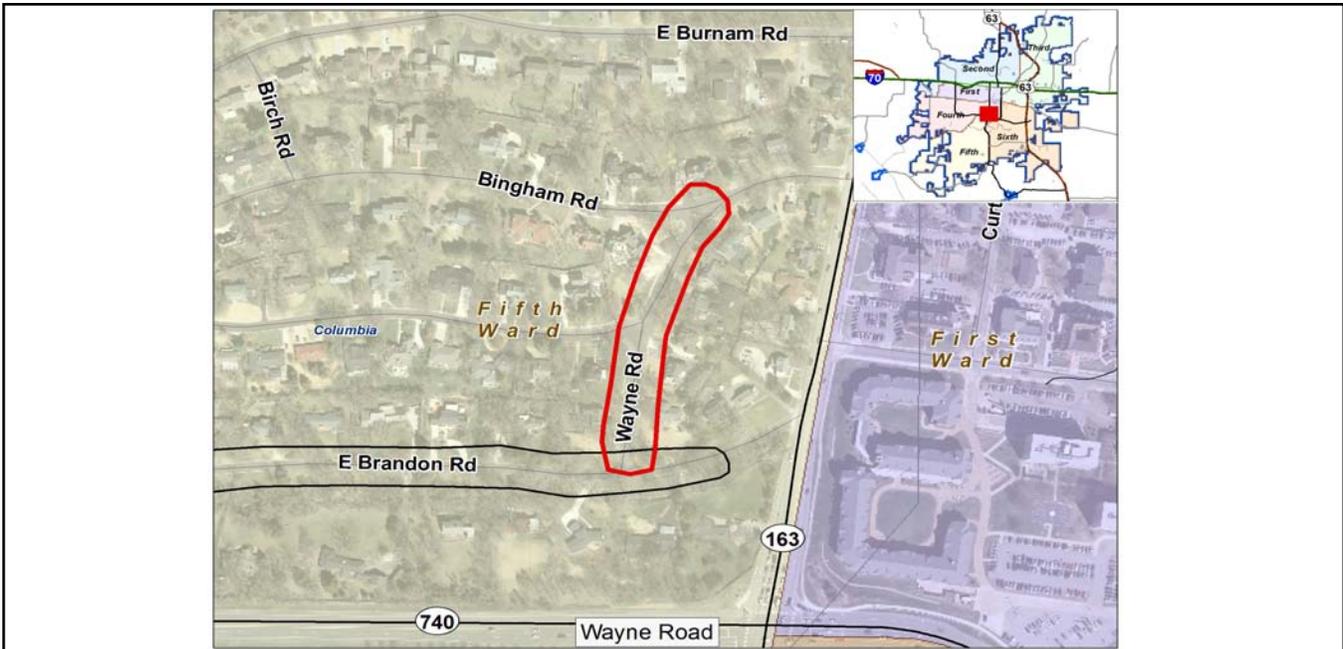


<b>Wayne Road</b>  <b>Description:</b> Reconstruct existing storm water system in Grasslands	<b>Ward</b>	<b>Begin Design</b>	<b>Begin Construction</b>
	1	2024	2024
	<b>Eligible for Percent for Arts?</b>		No
	<b>Current Funding Request:</b>		\$75,000
	<b>Total Appropriated:</b>		\$0
	<b>Total City Project Cost:</b>		\$75,000
	<b>Est. Project Balance: 10/01/2014</b>		\$0

**Current Status:**  
 Future project

**Factors Effecting Timing/Completion of Project:**  
 Funding

<b>Eligible Funding Sources:</b> Future Ballot  <b>Master Plan:</b>	<b>FY</b>	<b>Eligible Funding Sources</b>	<b>Amount</b>
	2024	Future Ballot	\$75,000
			\$75,000

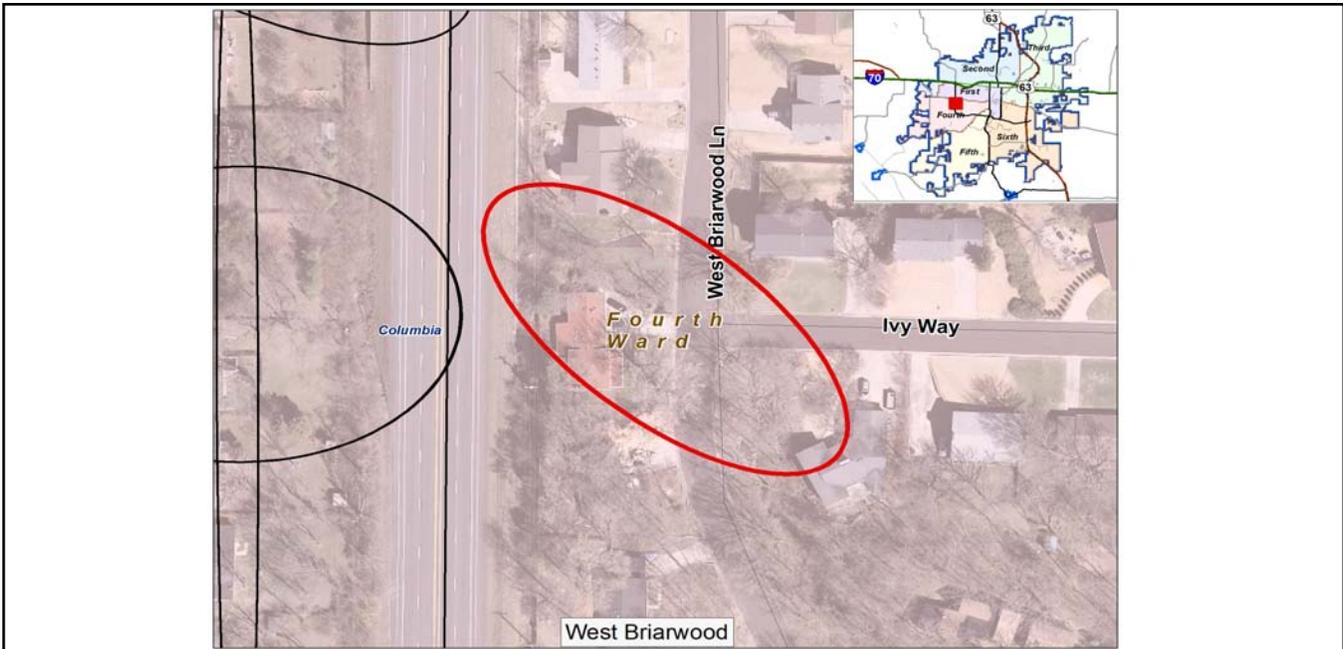


<p><b>West Briarwood</b></p> <p><b>Description:</b> Alleviate structure flooding and street flooding. Address open channel issues and failing retaining wall. Include water quality improvements.</p>	<b>Ward</b>	<b>Begin Design</b>	<b>Begin Construction</b>
	4	2020	2020
	<b>Eligible for Percent for Arts?</b>		No
	<b>Current Funding Request:</b>		\$250,000
	<b>Total Appropriated:</b>		\$0
	<b>Total City Project Cost:</b>		\$250,000
	<b>Est. Project Balance: 10/01/2014</b>		\$0

**Current Status:**  
Conceptual

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

<p><b>Eligible Funding Sources:</b> Future Ballot</p> <p><b>Master Plan:</b></p>	<b>FY</b>	<b>Eligible Funding Sources</b>	<b>Amount</b>
	2020	Future Ballot	\$250,000
			\$250,000



<b>Woodland-Northridge Drainage</b>  <b>Description:</b> Reconstruction of existing stormwater system, to reduce flooding issues	<b>Ward</b>	<b>Begin Design</b>	<b>Begin Construction</b>
	3	2024	2024
	<b>Eligible for Percent for Arts?</b>		No
	<b>Current Funding Request:</b>		\$400,000
	<b>Total Appropriated:</b>		\$0
	<b>Total City Project Cost:</b>		\$400,000
	<b>Est. Project Balance: 10/01/2014</b>		\$0

**Current Status:**  
 Future project

**Factors Effecting Timing/Completion of Project:**  
 Funding

<b>Eligible Funding Sources:</b> Future Ballot  <b>Master Plan:</b>	<b>FY</b>	<b>Eligible Funding Sources</b>	<b>Amount</b>
	2024	Future Ballot	\$400,000
			\$400,000



<p><b>Worley Again East</b></p> <p><b>Description:</b> Replace undersized system and install detention and water quality improvements.</p>	<b>Ward</b>	<b>Begin Design</b>	<b>Begin Construction</b>
	1	2024	2024
	<b>Eligible for Percent for Arts?</b>		No
	<b>Current Funding Request:</b>		\$1,400,000
	<b>Total Appropriated:</b>		\$0
	<b>Total City Project Cost:</b>		\$1,400,000
	<b>Est. Project Balance: 10/01/2014</b>		\$0

**Current Status:**  
Conceptual

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

<p><b>Eligible Funding Sources:</b> Future Ballot</p> <p><b>Master Plan:</b></p>	<b>FY</b>	<b>Eligible Funding Sources</b>	<b>Amount</b>
	2024	Future Ballot	\$1,400,000 \$1,400,000



## Storm Water 10+ Year Projects

	<b>Project Name</b>	<b>Ward</b>
1	2302 Business 70 East [ID: 1372]	3
2	Nifong & Bethel Drainage Project [ID: 1475]	5
3	Pear Tree Circle Storm Drainage [ID: 834]	5
4	Rangeline Street Smith Street [ID: 1478]	1
5	Salt Storage Site Improvements [ID: 1320]	2
6	Sappington Drainage [ID: 823]	4

6 Projects