

Other General Government

Annual and 5 Year Capital Projects

Funding Source	Proposed FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Future Cost	D	C
Other General Govt								
1 Contingency 40138 [ID: 518]								
Total								
2 Downtown Special Projects 00140 [ID: 519]								
Total								
3 Pub Bldgs Major Maint Ren 00021 [ID: 514]								
Gen Fd/PI	\$90,000	\$150,000	\$640,000					
Total	\$90,000	\$150,000	\$640,000					
4 DB Customer Experience Center 00798 [ID: 2263]								
Gen Fd/PI	\$700,000						2020	2021
Total	\$700,000							
5 Grissum Building Renovations 00659 [ID: 1821]								
Cap Imp S Tax - 2015 Ballot	\$1,000,000	\$1,892,649					2021	2023
Total	\$1,000,000	\$1,892,649						
6 Municipal Court Dias 00801 [ID: 2268]								
Gen Fd Transfer	\$173,000						2021	2021
Total	\$173,000							
7 PBMM: Armory Building Repairs 00764 [ID: 2190]								
Gen Fd/PI	\$20,000						2019	2019
Total	\$20,000							
8 PBMM: Gentry Building Repairs 00767 [ID: 2193]								
Gen Fd/PI	\$25,000	\$10,000					2019	2019
Total	\$25,000	\$10,000						
9 PBMM: Health Department Repairs 00768 [ID: 2194]								
Gen Fd/PI		\$20,000					2019	2019
Total		\$20,000						
10 PBMM: Howard Building Repairs 00769 [ID: 2195]								
Gen Fd/PI		\$5,000					2019	2019
Total		\$5,000						
11 PBMM: Police Building Repairs 00765 [ID: 2191]								
Gen Fd/PI	\$270,000						2019	2019
Total	\$270,000							
12 PBMM: Daniel Boone Building Repairs 00766 [ID: 2192]								
Gen Fd/PI	\$90,000	\$590,000					2019	2019
Total	\$90,000	\$590,000						
13 Walton Bldg Cap Improv 00587 [ID: 1846]								
CVB	\$15,000	\$15,000	\$15,000	\$15,000			2015	2015
Total	\$15,000	\$15,000	\$15,000	\$15,000				
Other General Government Funding Source Summary								

Other General Government

Annual and 5 Year Capital Projects

Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Future Cost	D	C
Other General Government Funding Source Summary								
Cap Imp S Tax - 2015 Ballot	\$1,000,000	\$1,892,649						
CVB	\$15,000	\$15,000	\$15,000	\$15,000				
Gen Fd Transfer	\$173,000							
Gen Fd/PI	\$1,195,000	\$775,000	\$640,000					
New Funding	\$2,383,000	\$2,682,649	\$655,000	\$15,000		\$0		
Total	\$2,383,000	\$2,682,649	\$655,000	\$15,000		\$0		

Other General Government Current Capital Projects									
1	Addl Salt Storage Bldg (Mun Serv Center S) - 00632 [ID: 1831]						2019	2019	
2	Council Chamber Dias 00800 [ID: 2267]						2021	2021	
3	Disabilities Commission Projects 00544 [ID: 1730]						2013	2013	
4	Enterprise Resource Group Software COFERS- 00476 [ID: 1397]						2011	2012	
5	Maintenance Percent for Art City Hall - N0252 [ID: 2213]								
6	PBMM: Additional Building Assessments 00770 [ID: 2175]						2020	2020	
7	Time in Attendance - 00775 [ID: 2212]								

Other General Government Impact of Capital Projects

D = Year being designed; C = Year construction will begin.
 For projects planned beyond five years, please refer to the City's Capital Improvement Plan Document.

Parks and Recreation

Annual and 5 Year Capital Projects

Funding Source	Proposed FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Future Cost	D	C
Parks Projects								
1 Annual Land Acq/Land Preservation 00662 [ID: 1812]							2017	2017
Parks Sales Tax - 2015 Ballot	\$599,648							
Total	\$599,648							
2 Annual Park Improv - Major Maint. Programs 00056 [ID: 259]								
Parks Sales Tax - 2015 Ballot								
Total								
3 City School Park Improv 00249 [ID: 257]								
2015 PST - Ann City/Schl Playground - 00249	\$55,000							
Total	\$55,000							
4 Park Roads & Parking 00242 [ID: 260]								
Parks Sales Tax - 2015 Ballot	\$150,000							
Total	\$150,000							
5 ADA Compliance Phase II 00663 [ID: 1820]							2017	2017
Parks Sales Tax - 2015 Ballot	\$25,000							
Total	\$25,000							
6 Albert-Oakland: Tennis/Pickleball & Park Improv [ID: 2137]							2024	2024
Future Ballot			\$100,000	\$200,000	\$340,000			
Total			\$100,000	\$200,000	\$340,000			
7 Cosmo Rec Area: Northeast Quarry Area [ID: 1673]							2023	2024
Future Ballot		\$50,000	\$175,000					
Total		\$50,000	\$175,000					
8 Cosmo Rec Area: Football Field Improvements [ID: 2087]							2022	2022
Donation	\$53,792							
Total	\$53,792							
9 Cosmo Rec Area: Playground Replacement [ID: 2237]							2022	2022
2015 PST - Annual Park Improv	\$47,000							
Total	\$47,000							
10 Cosmo Rec Area: PMC Improvements [ID: 2289]							2022	2022
2015 PST - Annual Park Improv	\$48,000							
Total	\$48,000							
11 Cosmo Rec Area: Shelter Replacements [ID: 2029]							2022	2022
Future Ballot	\$300,000							
Total	\$300,000							
12 Douglass Park: Skate Park & Aquatic Facility [ID: 2085]							2022	2023
Future Ballot		\$225,000						
Total		\$225,000						
13 Flat Branch Park Expansion - 00686 [ID: 2017]							2019	2020
Total								

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Parks and Recreation

Annual and 5 Year Capital Projects

Funding Source	Proposed FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Future Cost	D	C
Parks Projects								
14 Gans Creek Recreation Area Improvements [ID: 1823]							2022	2023
Future Ballot		\$225,000						
Total		\$225,000						
15 Gates Nature Area Development [ID: 2028]							2022	2023
Future Ballot		\$200,000						
Total		\$200,000						
16 Indian Hills Basketball Court Improvements [ID: 2288]							2022	2022
2015 PST - Annual Park Improv	\$25,000							
Total	\$25,000							
17 Lake of the Woods Recreation Area Improvements [ID: 2143]							2023	2024
Future Ballot			\$200,000					
Total			\$200,000					
18 MLK Memorial & Battle Garden Improvements [ID: 1679]							2024	2024
Future Ballot			\$100,000					
Total			\$100,000					
19 Northeast Regional Park Development [ID: 1827]							2023	2024
Future Ballot			\$4,200,000					
Total			\$4,200,000					
20 Rock Quarry Park Improvements [ID: 308]							2022	2023
Future Ballot		\$350,000						
Total		\$350,000						
21 Rothwell Park Improvements [ID: 1655]							2023	2024
Future Ballot			\$125,000					
Total			\$125,000					
22 Shepard Park Tennis Court Improvements [ID: 2292]							2022	2022
2015 PST - Annual Park Improv	\$20,000							
Total	\$20,000							
23 Strawn Park Improvements [ID: 2139]							2022	2023
Future Ballot	\$250,000							
Total	\$250,000							
24 Waters-Moss - Jones & White Building Renovations [ID: 1632]							2023	2024
Future Ballot			\$175,000					
Total			\$175,000					
25 Westwinds Park Improvements [ID: 1639]							2023	2024
Future Ballot					\$150,000			
Total					\$150,000			
26 Whitegate Park Development [ID: 2086]							2023	2024
Future Ballot			\$100,000	\$100,000				
Total			\$100,000	\$100,000				

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Parks and Recreation

Annual and 5 Year Capital Projects

Funding Source	Proposed FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Future Cost	D	C
Parks Projects								
27 Albert-Oakland Park Shelter/Bathhouse Improvements [ID: 2229]							2024	2025
Future Ballot				\$300,000				
Total				\$300,000				
28 Battle Park Phase II Development [ID: 2136]							2024	2025
Future Ballot				\$150,000				
Total				\$150,000				
29 Cosmo Rec Area: Parks Mgmt Center Imprvmnt 00740 [ID: 457]							2019	2026
Future Ballot					\$200,000			
Total					\$200,000			
30 Creek Ridge Park Development [ID: 1818]							2025	2026
Future Ballot					\$1,250,000			
Total					\$1,250,000			
31 Field Park Improvements [ID: 2228]							2024	2025
Future Ballot				\$125,000				
Total				\$125,000				
32 Kiwanis Park Improvements [ID: 2231]							2025	2026
Future Ballot					\$100,000			
Total					\$100,000			
33 Shepard Park Improvements [ID: 1654]							2024	2025
Future Ballot				\$125,000				
Total				\$125,000				
34 Smithton Park Improvements [ID: 1651]							2024	2025
Future Ballot				\$100,000				
Total				\$100,000				
35 Stephens Lake Park: Arboretum Improvements [ID: 1642]							2026	2026
Future Ballot					\$140,000			
Total					\$140,000			
36 Stephens Lake Park: Spraygrounds Improvements [ID: 1644]							2025	2026
Future Ballot					\$250,000			
Total					\$250,000			
37 Armory Sports Center Improvements - Gym [ID: 298]							2026	2027
Unfunded						\$1,200,000		
Total						\$1,200,000		
38 Cosmo Rec Area: Park Mgmnt Center: Rpl Fab Shop [ID: 1677]							2026	2027
Unfunded						\$400,000		
Total						\$400,000		
39 Cosmo Rec Area: RC Track Improvements [ID: 1219]							2027	2028
Unfunded						\$75,000		
Total						\$75,000		

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Parks and Recreation

Annual and 5 Year Capital Projects

Funding Source	Proposed FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Future Cost	D	C
Parks Projects								
40 Cosmo Rec Area: Skate Park/Roller Hockey Lights [ID: 310]							2026	2027
Unfunded						\$250,000		
Total						\$250,000		
41 Cosmo Rec Area: Soccer Field/Concession Imprv [ID: 283]							2026	2027
Unfunded						\$295,000		
Total						\$295,000		
42 Garth Nature Area Improvements [ID: 1670]							2026	2027
Unfunded						\$100,000		
Total						\$100,000		
43 Norma Sutherland Smith Park: Phase III [ID: 2132]							2026	2027
Unfunded						\$250,000		
Total						\$250,000		
44 Proctor Park Improvements [ID: 327]							2027	2027
Unfunded						\$90,000		
Total						\$90,000		
45 Silver Mill Park Development [ID: 1817]							2027	2028
Unfunded						\$150,000		
Total						\$150,000		
46 Twin Lakes Rec Area: Lake & Misc Park Improvements [ID: 1636]							2026	2027
Unfunded						\$375,000		
Total						\$375,000		
Trails								
47 Annual Trails 00673 [ID: 1813]							2017	2017
Parks Sales Tax - 2015 Ballot	\$100,000							
Total	\$100,000							
48 Chapel Hill Connector - Perche Creek Trail - 00745 [ID: 1949]							2023	2023
Future Ballot		\$500,000						
Total		\$500,000						
49 Cosmo Rec Area: Fitness Trail Improvements [ID: 2303]							2022	2022
Future Ballot	\$100,000							
Total	\$100,000							
50 Hominy Creek Trail: Trailhead Improvements [ID: 1648]							2024	2024
Future Ballot			\$100,000					
Total			\$100,000					
51 MKT Bridge Replacements: #2, #9 & #10 [ID: 1816]							2022	2023
Future Ballot		\$275,000						
Total		\$275,000						
52 Stephens Lake Park: SE Trailhead Improvements [ID: 1647]							2022	2023
Future Ballot		\$125,000						
Total		\$125,000						

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Trails								
53 Bear Creek Trail Renovation: Creasy to Skatepark [ID: 1098]							2024	2025
Future Ballot				\$1,075,000				
Total				\$1,075,000				
54 Bear Creek Trail: Hard Surface Wash/Problem [ID: 447]							2025	2026
Future Ballot					\$710,000			
Total					\$710,000			
55 Bear Creek Trail: Proctor Dr Connection 00389 [ID: 1107]							2025	2026
Future Ballot					\$600,000			
Total					\$600,000			
56 Cosmo Park Bear Creek Boardwalk Renovation [ID: 378]							2024	2025
Future Ballot				\$125,000				
Total				\$125,000				
57 Grindstone Nature Area Trailhead Improvements [ID: 2138]							2024	2025
Future Ballot				\$125,000				
Total				\$125,000				
58 Hinkson Creek Trail: Clark Lane to Vandiver [ID: 1961]							2025	2026
Future Ballot					\$200,000	\$1,040,000		
Total					\$200,000	\$1,040,000		
59 N Fork Grindstone Trail: Confluence to Eastport Pk [ID: 433]							2025	2026
Future Ballot					\$2,700,000			
Total					\$2,700,000			
60 Bear Creek Trail: Albert-Oakland Park to Lange [ID: 380]							2026	2027
Unfunded						\$950,000		
Total						\$950,000		
61 Bear Creek Trail: CCRA to Blackfoot Rd. [ID: 1659]							2027	2028
Unfunded						\$500,000		
Total						\$500,000		
62 Bear Creek Trail: Lange to Fairgrounds [ID: 437]							2027	2028
Unfunded						\$2,600,000		
Total						\$2,600,000		
63 COLT RR Trail Ph 1: Columbia College to Vandiver [ID: 1273]							2027	2028
Unfunded						\$3,000,000		
Total						\$3,000,000		
64 Hinkson Creek Trail: Vandiver pedway to Colt RR [ID: 1661]							2027	2028
Unfunded						\$1,300,000		
Total						\$1,300,000		
65 Perche Creek Trail Ph 3: Broadway to I-70 [ID: 1663]							2026	2027
Unfunded						\$2,600,000		
Total						\$2,600,000		

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Parks and Recreation

Annual and 5 Year Capital Projects

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Trails

66 Perche Crk Trail Ph 2: Gillespie to Broadway [ID: 1285]						2027	2028
Future Ballot						\$1,300,000	
Total						\$1,300,000	

Parks and Recreation Funding Source Summary

2015 PST - Ann City/Schl Playground - 00249	\$55,000						
2015 PST - Annual Park Improv	\$140,000						
Donation	\$53,792						
Parks Sales Tax - 2015 Ballot	\$874,648						
New Funding	\$1,123,440					\$0	
Future Ballot	\$650,000	\$1,950,000	\$5,275,000	\$2,425,000	\$6,640,000	\$1,040,000	
Future Ballot	\$650,000	\$1,950,000	\$5,275,000	\$2,425,000	\$6,640,000	\$1,040,000	
Unfunded					\$125,000	\$6,420,000	
Unfunded					\$125,000	\$6,420,000	
Total	\$1,773,440	\$1,950,000	\$5,275,000	\$2,425,000	\$6,765,000	\$7,460,000	

Parks and Recreation Current Capital Projects

Parks Projects

1	2010 PST Land Acq: Neighbrhd Parks 00510 [ID: 1383]	2013	2013
2	2010 PST Land Acq: Prks, Grnwys, Natural Ar 00486 [ID: 1382]	2012	2012
3	Again Street Park Improvements - 00778 [ID: 1952]	2020	2021
4	Albert-Oakland Park Improvements - 00676 [ID: 1918]	2017	2017
5	Albert-Oakland Park Improvements - 00737 [ID: 2141]	2020	2020
6	Albert-Oakland Pickleball/Tennis Resurfacing - 799 [ID: 2271]	2021	2021
7	Battle Park Phase I Development - 00738 [ID: 1959]	2020	2021
8	Capen/Grindstone Trailhead Improvements 00457 [ID: 280]	2016	2022
9	Cosmo Rec Area: Tennis Court Resurfacing - 00735 [ID: 1824]	2019	2019
10	Downtown Improvements 40074 [ID: 340]	2005	2009
11	Fairview Park/Bonnie View: Phase II Imprvmnt 00741 [ID: 309]	2020	2020
12	Indoor Facility Improvements - 00773 [ID: 2163]	2020	2020
13	Kiwanis Park Improvements - 00718 [ID: 322]	2018	2019
14	Magnolia Falls Neighborhood Park Devlpmnt - 00720 [ID: 1819]	2019	2019
15	Maplewood Home Rehab 00638 [ID: 1974]	2015	2016
16	MKT Wetlands/Forum Nature Area Restoration - 00779 [ID: 1956]	2020	2021
17	Philips Park - Trail and Landscaping Improv.-00703 [ID: 2062]	2018	2018
18	Rock Bridge Park Improvements - 00781 [ID: 1657]	2020	2021

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Parks and Recreation Current Capital Projects

Parks Projects

19	South Regional Park - Gans/Philips Phase I 00518 [ID: 1176]						2013	2013
20	Southeast Regional Park Tennis Complex - 00693 [ID: 1951]						2017	2018
21	The Vineyards Lake/Park Dvlop - 00782 [ID: 1950]						2020	2021
22	Vineyards Lake Park Development - Phase II [ID: 2291]						2022	2023
23	Worley St Park Improvement - 00744 [ID: 1633]						2020	2020

Trails

24	Hinkson Cr Trail: Stadium to East Campus - 00698 [ID: 1298]						2018	2018
25	Hinkson Creek Trail: Stephens to Clark Lane -00728 [ID: 1188]						2019	2019
26	Perche Cr Trl Ph I: MKT to Gillespie Bridge- 00699 [ID: 427]						2018	2020

Parks and Recreation Impact of Capital Projects

2010 PST Land Acq: Neighbrhd Parks 00510 [ID: 1383]

Impact will be minimal after acquisition amounting to no more than minimal clean-up and weed control mowing. Estimate: \$1,500 per year on a 10 acre, all turf park.

2010 PST Land Acq: Prks, Grnwys, Natural Ar 00486 [ID: 1382]

Impact will be minimal after acquisition amounting to no more than minimal clean-up and weed control mowing. Estimate: \$1,500 per year on a 10 acre, all turf park.

ADA Compliance Phase II 00663 [ID: 1820]

Minimal to none.

Again Street Park Improvements - 00778 [ID: 1952]

Minimal impact on operations as features already exist at the park.

Albert-Oakland Park Improvements - 00676 [ID: 1918]

Minimal.

Albert-Oakland Park Improvements - 00737 [ID: 2141]

Decrease in utility costs with the conversion of lighting to LED fixtures

Albert-Oakland Park Shelter/Bathhouse Improvements [ID: 2229]

Minimal impact on operations as staff already maintains the park on a daily basis.

Albert-Oakland Pickleball/Tennis Resurfacing - 799 [ID: 2271]

No impact.

Annual Park Improv - Major Maint. Programs 00056 [ID: 259]

Minimal to none. Will generally offset if funds are used for repairs and/or renovations on existing facilities.

Battle Park Phase I Development - 00738 [ID: 1959]

Depends on amenities chosen through the public process. \$2,000-\$4,000/year.

Battle Park Phase II Development [ID: 2136]

Impact depends on amenities chosen through the public input process with estimates at \$2,000 to \$4,000 per year.

Bear Creek Trail: Lange to Fairgrounds [ID: 437]

Estimate \$1500-\$3,000 annual const

Capen/Grindstone Trailhead Improvements 00457 [ID: 280]

Depends on final plan and what amenities are included.

Chapel Hill Connector - Perche Creek Trail - 00745 [ID: 1949]

Approximately \$500/year.

City School Park Improv 00249 [ID: 257]

No impact as maintenance is conducted by School District.

Co. House Trail Ph. 2 East: Stadium-Cowan [ID: 431]

\$1500-\$3000 for materials and supplies

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Parks and Recreation Impact of Capital Projects

Trails

Cosmo Park Bear Creek Boardwalk Renovation [ID: 378]	No impact. Wooden board requires on-going maintenance. New product may reduce that somewhat depending on material used.							
Cosmo Rec Area: Northeast Quarry Area [ID: 1673]	Biking features would require track maintenance throughout the year. Possible revenue opportunities through BMX racing.							
Cosmo Rec Area: Fitness Trail Improvements [ID: 2303]	No impact but future safety issues could occur if project is not completed.							
Cosmo Rec Area: Parks Mgmt Center Imprvmnt 00740 [ID: 457]	Minimal depending on improvements.							
Cosmo Rec Area: Playground Replacement [ID: 2237]	Minimal Impact on operations as staff already maintains the existing playground equipment at the park.							
Cosmo Rec Area: PMC Improvements [ID: 2289]	Minimal Impact on operations as staff already maintains the existing playground equipment at the park.							
Cosmo Rec Area: Shelter Replacements [ID: 2029]	No impact. P&R staff currently maintains the existing shelters.							
Cosmo Rec Area: Tennis Court Resurfacing - 00735 [ID: 1824]	Minimal Impact to park maintenance operations as staff already maintains the tennis courts							
Creek Ridge Park Development [ID: 1818]	Dependent upon amenities selected through the public improvement process. Expected costs of \$2,000 to \$4,000 annual cost for park property.							
Douglass Park: Skate Park & Aquatic Facility [ID: 2085]	Minimal impact. Renovations to the bathhouse will reduce maintenance and utility costs.							
Downtown Improvements 40074 [ID: 340]	No impact.							
Fairview Park/Bonnie View: Phase II Imprvmnt 00741 [ID: 309]	Anticipate annual budget impact to operations to be approximately \$5,000 - \$10,000 when Phase I and II are completed.							
Field Park Improvements [ID: 2228]	Minimal impact as staff already maintains the park.							
Flat Branch Park Expansion - 00686 [ID: 2017]	Staff currently maintains Flat Branch Park. Depending on final amenities, staff estimates additional mowing, clean-up and repairs to be less than \$3,000 per year.							
Gates Nature Area Development [ID: 2028]	Dependent upon amenities selected through the public improvement process. Expected costs of \$2,000 to \$4,000 annual cost for park property.							
Grindstone Nature Area Trailhead Improvements [ID: 2138]	Minimal impact to operations as staff already maintains the nature area and parking lot.							
Harmony Cr Trail: Smithton Connector [ID: 436]	Estimate \$1,500-\$2,000 for materials pending location of trail.							
Hinkson Creek Trail: Stephens to Clark Lane -00728 [ID: 1188]	Estimated annual maintenance of \$2,392 for 1.1 miles of concrete trail.							
Hominy Brnch Trail Ph 3:Clark Ln-Rice Rd [ID: 386]	Moderate: \$1,500-\$2,500 for materials and supplies, pending length and location of trail.							
Indian Hills Basketball Court Improvements [ID: 2288]	Minimal Impact on operations as staff already maintains the existing playground equipment at the park.							
Indoor Facility Improvements - 00773 [ID: 2163]	Potential reduction in utility expenses and maintenance expenses.							
Kiwanis Park Improvements - 00718 [ID: 322]	Minimal to none. Current features exist. May increase depending on type of play equipment purchased.							
Kyd Park Development [ID: 1829]	Minimal impact							
Magnolia Falls Neighborhood Park Devlpmnt - 00720 [ID: 1819]	Since acquisition, park staff has been mowing and performing other minor maintenance tasks. An additional \$4,000 to \$5,000 per year for maintenance after this stage of park development.							

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Parks and Recreation Impact of Capital Projects

Parks Projects

Maplewood Home Rehab 00638 [ID: 1974]

Minimal. Improvements will reduce maintenance needs.

MKT Wetlands/Forum Nature Area Restoration - 00779 [ID: 1956]

Minimal impact as improvements will reduce maintenance at Forum Nature Area.

MLK Memorial & Battle Garden Improvements [ID: 1679]

Minimal. Features currently exist.

N Fork Grindstone Trail: Confluence to Eastport Pk [ID: 433]

Estimate \$1,500-\$2,000 for materials pending location of trail.

Park Roads & Parking 00242 [ID: 260]

Minimal impact on operation. May save funds currently used for lot repairs.

Perche Cr Trl Ph I: MKT to Gillespie Bridge- 00699 [ID: 427]

Dept estimates for \$2,334 for one mile of concrete trail. This will include a new bridge which will have minimal maint costs of less than \$500 per year (grafitti, tree limbs, etc). Total operating cost for this project is \$3,000.

Philips Park - Trail and Landscaping Improv.-00703 [ID: 2062]

Minimal impact - New bridge will reduce ongoing maintenance of low water crossing.

Philips/Gans: Ice Skating Facility - Indoor [ID: 303]

Significant. Operational study to be completed pending Council approval. Target operational goal would be to generate 70-80% of total expenses.

Philips/Gans: Ice Skating Facility - Outdoor [ID: 304]

Significant. May require an additional \$20,000 in utilities, materials and labor

Rock Bridge Park Improvements - 00781 [ID: 1657]

Minimal to none.

Rock Quarry Park Improvements [ID: 308]

No impact. May reduce operational costs.

Rothwell Park Improvements [ID: 1655]

None

S. Fork Grindstone Cr: Confluence-Rolling Hills Rd [ID: 435]

Estimate \$1,500-\$2,000 for materials pending location of trail.

Shepard Park Improvements [ID: 1654]

None.

Shepard Park Tennis Court Improvements [ID: 2292]

Minimal Impact on operations as staff already maintains the tennis courts at the park.

Smithton Park Improvements [ID: 1651]

No impact. It might lower operating costs as there will be less maintenance on a concrete trail.

South Regional Park - Gans/Philips Phase I 00518 [ID: 1176]

Based on Phase I funding, budget impact to operations would be approximately \$20,000 - \$30,000.

Southeast Regional Park Tennis Complex - 00693 [ID: 1951]

\$1,000 - \$2,000/year for general upkeep and maintenance

Stephens Lake Park: Amphitheater Phase II Imprv [ID: 1649]

Minimal.

Stephens Lake Park: E. Walnut Development [ID: 313]

Estimate \$15,000-\$40,000 depending on facilities built. Revenue funds may be available due to rental possibilities.

Stephens Lake Park: SE Trailhead Improvements [ID: 1647]

Minimal. \$2500-\$5,000 per year. Department is currently using a port-a-pot at this lot so the reduction in service fees may help offset operational costs of restroom.

The Vineyards Lake/Park Dvlopm - 00782 [ID: 1950]

\$1,000 - \$2,000/year.

Vineyards Lake Park Development - Phase II [ID: 2291]

Minimal impact on operations as park staff already mow and maintain the park.

D = Year being designed; C = Year construction will begin.

For projects planned beyond five years, please refer to the City's Capital Improvement Plan Document.

Funding Source	Proposed FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Future Cost	D	C
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Parks and Recreation Impact of Capital Projects

Parks Projects

Waters-Moss - Jones & White Building Renovations [ID: 1632]

Minimal.

Westwinds Park Improvements [ID: 1639]

Minimal. This project renovates existing amenities at the park.

Whitegate Park Development [ID: 2086]

Dependent upon amenities selected through the public improvement process. Expected costs of \$2,000 to \$4,000 annual cost for park property.

Worley St Park Improvement - 00744 [ID: 1633]

Minimal. Features exist and are currently being maintained by the department.

D = Year being designed; C = Year construction will begin.

For projects planned beyond five years, please refer to the City's Capital Improvement Plan Document.

Recreation Services

Annual and 5 Year Capital Projects

Funding Source	Proposed FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Future Cost	D	C
Recreation Services								
1 ARC Facility Improvements [ID: 297]							2023	2023
Donation		\$25,000						
Future Ballot		\$200,000	\$200,000	\$250,000				
Total		\$225,000	\$200,000	\$250,000				
2 ARC Waterzone Flooring Replacement [ID: 2290]							2021	2022
Park Sales Tax	\$135,000							
Total	\$135,000							
3 Clary-Shy Community Park Improvements: Phase II [ID: 2030]							2023	2023
Future Ballot		\$250,000						
Total		\$250,000						
4 Cosmo Rec Area: Antimi Sports Complex [ID: 2133]							2023	2024
Future Ballot			\$250,000					
Total			\$250,000					
5 Cosmo Rec Area: Rainbow Softball Center RS086 [ID: 1994]							2022	2023
Future Ballot	\$750,000							
Total	\$750,000							
6 Hickman Pool HVAC Replacement - RS097 [ID: 2241]							2020	2020
2015 PST - Ann City/Schl Playground - 00249	\$20,000							
2015 PST - Annual Park Improv	\$25,000							
Total	\$45,000							
7 LOW Aquatic Facility Improvements [ID: 1680]							2023	2024
Future Ballot		\$150,000	\$550,000					
Total		\$150,000	\$550,000					
8 LOW Golf Course: Bunker and Fairway Improvements [ID: 323]							2023	2023
GCIF		\$50,000						
Total		\$50,000						
9 Sports Fieldhouse - Phase II [ID: 2135]							2022	2023
Future Ballot	\$375,000	\$200,000	\$2,000,000	\$1,425,000				
Total	\$375,000	\$200,000	\$2,000,000	\$1,425,000				
10 Albert-Oakland Family Aquatic Center Improvements [ID: 428]							2027	2028
Future Ballot						\$400,000		
Total						\$400,000		
11 Cosmo Rec Area: Rainbow Softball Bat Cages - RS099 [ID: 2245]							2027	2028
Future Ballot						\$50,000		
Total						\$50,000		

Recreation Services Funding Source Summary								

Recreation Services

Annual and 5 Year Capital Projects

Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Future Cost	D	C
Recreation Services Funding Source Summary								
2015 PST - Ann City/Schl Playground - 00249	\$20,000							
2015 PST - Annual Park Improv	\$25,000							
Donation		\$25,000						
GCIF		\$50,000						
Park Sales Tax	\$135,000							
New Funding	\$180,000	\$75,000				\$0		
Future Ballot	\$1,125,000	\$800,000	\$3,000,000	\$1,675,000				
Future Ballot	\$1,125,000	\$800,000	\$3,000,000	\$1,675,000		\$0		
Total	\$1,305,000	\$875,000	\$3,000,000	\$1,675,000		\$0		

Recreation Services Current Capital Projects

1	ARC Facility Improvements - RS095 [ID: 2140]					2019	2020
2	ARC Maintenance Improvements - RS098 [ID: 2234]					2021	2021
3	Clary-Shy Community Park Improvements - RS089 [ID: 1825]					2017	2018
4	Cosmo Rec Area: SportsField Light Controls - RS100 [ID: 2235]					2021	2021
5	LOW Driving Range Construction RS085 [ID: 306]					2017	2017
6	LOW Golf Course: Golf Cart Building Improv RS101 [ID: 2239]					2021	2021
7	Philips Park Improvements - RS092 [ID: 1957]					2018	2019
8	Sports Field House - RS090 [ID: 1217]					2016	2017

Recreation Services Impact of Capital Projects

ARC Facility Improvements [ID: 297]
Minimal impact to operations
ARC Facility Improvements - RS095 [ID: 2140]
Replacement of each item at the ARC will bring equipment to like new condition and reduce the amount of maintenance spent on each item.
ARC Waterzone Flooring Replacement [ID: 2290]
The replacement of the flooring will require a 3-week shutdown of the facility.
Atkins Sports Complex Improvements [ID: 2227]
Minimal impact as staff already maintains the facility.
Clary-Shy Community Park Improvements - RS089 [ID: 1825]
Minimal impact to operations - Costs could include utility costs and facility maintenance.
Clary-Shy Community Park Improvements: Phase II [ID: 2030]
Minimal impact to operations - Increased revenue based on new amenities and rental space.
Cosmo Rec Area: Antimi Sports Complex [ID: 2133]
Minimal impact as staff already maintains the facility.
Cosmo Rec Area: Rainbow Softball Bat Cages - RS099 [ID: 2245]
None
Cosmo Rec Area: Rainbow Softball Center RS086 [ID: 1994]
Minimal impact as staff already operates the facility.
Cosmo Rec Area: SportsField Light Controls - RS100 [ID: 2235]
The improvements will reduce utility expenses associated with overuse of the lighting systems at each field.
Hickman Pool HVAC Replacement - RS097 [ID: 2241]
Minimal impact to operations.

D = Year being designed; C = Year construction will begin.

For projects planned beyond five years, please refer to the City's Capital Improvement Plan Document.

Recreation Services

Annual and 5 Year Capital Projects

Funding Source	Proposed FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Future Cost	D	C
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Recreation Services Impact of Capital Projects

Recreation Services

LOW Aquatic Facility Improvements [ID: 1680]

Moderate as some revenue will be generated to offset total expenses. Anticipate \$10,000 for additional utilities with addition of sprayground features.

LOW Driving Range Construction RS085 [ID: 306]

Addition of driving range will result in small increase in personnel and equipment expenses associated with driving range maintenance and operations.

LOW Golf Course: Bunker and Fairway Improvements [ID: 323]

Minimal. Small reduction in cost associated with the maintenance of each bunker.

LOW Golf Course: Golf Cart Building Improv RS101 [ID: 2239]

No impact on operations.

Philips Park Improvements - RS092 [ID: 1957]

Annual expenses related to building maintenance and utilities. Expenses to be offset with rental revenues from the facility.

Sports Field House - RS090 [ID: 1217]

Expenses associated with building to be offset by revenues generated through facility rentals and use. Existing full-time staff will be relocated to the facility to manage daily operations.

Sports Fieldhouse - Phase II [ID: 2135]

Expenses associated with building to be offset by revenues generated through facility rentals and use.

D = Year being designed; C = Year construction will begin.

For projects planned beyond five years, please refer to the City's Capital Improvement Plan Document.

Public Safety

Annual and 5 Year Capital Projects

Funding Source	Proposed FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Future Cost	D	C
Fire								
1 Additional Quint for new fire station #11 [ID: 2152]							2023	2024
Cap Imp S Tax - 2015 Ballot		\$1,200,000						
Total		\$1,200,000						
2 Replace 2006 Quint (15 years old) [ID: 1408]							2022	2023
Cap Imp S Tax - 2015 Ballot	\$1,150,000							
Total	\$1,150,000							
3 Replace 2009 Quint (14 years old) [ID: 1410]							2023	2024
Cap Imp S Tax - 2015 Ballot		\$1,200,000						
Total		\$1,200,000						
4 Replace 2009 Quint (15 years old) [ID: 1404]							2023	2024
Cap Imp S Tax - 2015 Ballot			\$1,250,000					
Total			\$1,250,000					
5 Remodel Admin. & Meeting/Conf. Room [ID: 1795]							2026	2026
Unfunded					\$1,500,000			
Total					\$1,500,000			
6 Replace 1996 Bomb Squad [ID: 1405]							2026	2026
Unfunded				\$800,000				
Total				\$800,000				
7 Replace 1999 Foam Truck [ID: 1401]							2026	2026
Unfunded					\$600,000			
Total					\$600,000			
8 Replace 2009 Quint (11 years old) [ID: 1406]							2026	2026
Unfunded					\$1,200,000			
Total					\$1,200,000			
9 Replace 2009 Squad (15 years old) [ID: 1414]							2024	2025
Cap Imp S Tax - 2015 Ballot				\$750,000				
Total				\$750,000				
10 Replace 2010 Quint [ID: 1801]							2026	2026
Unfunded					\$1,153,000			
Total					\$1,153,000			
11 Replace/Remodel Fire Station 4 [ID: 1403]							2026	2027
Unfunded						\$2,500,000		
Total						\$2,500,000		
12 Replace/Remodel Fire Station 5 [ID: 1399]							2026	2027
Unfunded					\$2,500,000			
Total					\$2,500,000			
13 Replace/Remodel Fire Station 6 [ID: 1409]							2026	2027
Unfunded					\$3,000,000			
Total					\$3,000,000			

D = Year being designed; C = Year construction will begin.

For projects planned beyond five years, please refer to the City's Capital Improvement Plan Document.

Public Safety

Annual and 5 Year Capital Projects

Funding Source	Proposed FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Future Cost	D	C
Police								
14 Police Department Property & Evidence Annex 00727 [ID: 2098]							2022	2023
Unfunded		\$1,500,000						
Total		\$1,500,000						
15 Police Precinct/Municipal Svc Center N - 00641 [ID: 1336]							2016	2018
Cap Imp S Tax - 2015 Ballot								
PYA CAP FB - Munic Serv Center N #11 00641	\$4,161							
Total	\$504,161							
16 Police Headquarters Building [ID: 1192]							2026	2027
Unfunded					\$700,000	\$6,300,000		
Total					\$700,000	\$6,300,000		
17 Police Precinct/Municipal Svc Center N: Phase 2 [ID: 2246]							2026	2027
Unfunded					\$250,000	\$3,000,000		
Total					\$250,000	\$3,000,000		
18 Police Precinct/Substation - (Mun Serv Center S) [ID: 1727]							2026	2027
Unfunded					\$12,000,000			
Total					\$12,000,000			

Public Safety Funding Source Summary

Cap Imp S Tax - 2015 Ballot	\$1,650,000	\$2,400,000	\$1,250,000	\$750,000		
New Funding	\$1,650,000	\$2,400,000	\$1,250,000	\$750,000		\$0
PYA CAP FB - Munic Serv Center N #11 00641	\$4,161					
Prior Year Funding	\$4,161					\$0
Unfunded		\$1,500,000		\$800,000	\$22,903,000	\$11,800,000
Unfunded		\$1,500,000		\$800,000	\$22,903,000	\$11,800,000
Total	\$1,654,161	\$3,900,000	\$1,250,000	\$1,550,000	\$22,903,000	\$11,800,000

Public Safety Current Capital Projects

Fire

1	Additional Fire Station #10 (East) - 00732 [ID: 1799]	2022	2023
2	Fire Apparatus Equipment 00195 [ID: 490]		2007
3	Fire Station #11 (Mun Serv Cntr S) - 00733 [ID: 475]	2021	2021
4	Fire Station Sites 40173 [ID: 482]	2021	2022
5	Replace 2003 Quint (14 years old) 00661 [ID: 1400]	2019	2020
6	Replace 2004 Quint (14 years old) (00726) [ID: 1402]	2018	2019
7	Replace 2006 Quint (14 years old) - 00783 [ID: 1407]	2021	2022
8	Training Academy Repairs - 00630 [ID: 1607]	2016	2021

D = Year being designed; C = Year construction will begin.

For projects planned beyond five years, please refer to the City's Capital Improvement Plan Document.

Funding Source	Proposed FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Future Cost	D	C
Public Safety Current Capital Projects								
Fire								
9	Training Tower Rehab [ID: 2310]						2021	2021
Police								
10	Downtown Police Building Renovation - 00609 [ID: 1807]						2016	2016
11	Records Management System 00498 [ID: 1307]						2011	2015

Public Safety Impact of Capital Projects	
Additional Pumper for New Station [ID: 476]	
Additional fleet maintenance cost.	
Fire Apparatus Equipment 00195 [ID: 490]	
Provides source for equipment that would otherwise require Supplemental funds.	
Fire Station #11 (Mun Serv Cntr S) - 00733 [ID: 475]	
\$800,000 annual cost of personnel and other operations in 2006 dollars.	
Police Department Property & Evidence Annex 00727 [ID: 2098]	
The current space was most recently remodeled in 2012-2013 as a result of an audit conducted by an external consultant. The Property and Evidence Unit currently occupies over 1/3 of the space on the first floor of the Downtown Headquarters Building. Due to the limited space available at the Downtown Headquarters Building for the Property & Evidence Unit to expand into, and the fact that it is quickly nearing capacity, an additional secure, temperature controlled storage facility will be needed in the near future. In addition, newly enacted legislation now requires us to retain items related to any type of death investigation for a minimum of 50 years. Our adoption of the You Have Options Program, or YHOP, (a forensically based, victim centered approach to the investigation of sexual assaults that is widely considered a best-practice) also requires us to retain evidence from sexual assault investigations indefinitely. Several of the most important items of evidence in these cases requires long-term refrigeration or freezing, which is also very limited in terms of space in the current storage area. Each item of evidence we seize or piece of property we collect impacts a criminal case and/or belongs to a customer of the Police Department. Construction of this facility would ensure there is adequate and proper storage of these items, including maintaining the necessary and proper chain of custody to support a successful prosecution.	

D = Year being designed; C = Year construction will begin.
 For projects planned beyond five years, please refer to the City's Capital Improvement Plan Document.

Streets, Sidewalks and Major Maintenance

Annual and 5 Year Capital Projects

Funding Source	Proposed FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Future Cost	D	C
Streets								
1 Annual City/County/State Projects - 40161 [ID: 9]								
2015 CIST - Ann Cty/Cnty/St Proj	\$100,000			\$2,145,177	\$154,823			
Total	\$100,000			\$2,145,177	\$154,823			
2 Annual Historic Brick Street Renovation 00234 [ID: 12]								
Total								
3 Annual Street Landscaping - 40163 [ID: 13]								
Cap Imp S Tax - 2015 Ballot	\$162,500		\$112,500	\$225,000	\$187,500			
Total	\$162,500		\$112,500	\$225,000	\$187,500			
4 Annual Street Reconst (Complete Street) - 00647 [ID: 1899]								
2015 CIST - Ann Str Recon	\$1,275,000	\$537,500						
2015 CIST - Ann Streets				\$347,500				
Total	\$1,275,000	\$537,500		\$347,500				
5 Annual Streets - 40158 [ID: 18]								
Cap Imp S Tax - 2015 Ballot				\$720,000	\$790,000			
Total				\$720,000	\$790,000			
6 Annual Traffic Calming - 00646 [ID: 1966]								
2015 CIST - Ann Trf Calming	\$412,000	\$212,000	\$212,000	\$237,000	\$113,000		2016	2016
Total	\$412,000	\$212,000	\$212,000	\$237,000	\$113,000			
7 Annual Traffic Safety - 40159 [ID: 15]								
2015 CIST - Ann Trf Safety	\$307,000	\$152,000	\$152,000	\$152,000	\$249,500			
Total	\$307,000	\$152,000	\$152,000	\$152,000	\$249,500			
8 Contingency (40198) [ID: 2128]								
Cap Imp S Tax - 2015 Ballot					\$470,000			
Total					\$470,000			
9 Ash Street Improvements 00714 [ID: 1525]								
Co Rd Tax Reb		\$2,146,562					2022	2023
Total		\$2,146,562						
10 Campusview Dr Traffic Calming 00788 [ID: 2251]								
2015 CIST - Ann Trf Calming	\$30,000						2022	2022
Total	\$30,000							
11 Edgewood Traffic Calming 00789 [ID: 2252]								
2015 CIST - Ann Trf Calming	\$30,000						2023	2024
Total	\$30,000							
12 Route B Improvements (BL70 to City Limits) 00784 [ID: 2215]								
2015 CIST - Ann Cty/Cnty/St Proj	\$500,000						2021	2022
Total	\$500,000							
13 Cherry Street: 6th - 7th Brick St Renovation-00755 [ID: 2216]								
2015 CIST - Ann Hist Brick Str				\$100,000	\$400,000		2025	2026
Total				\$100,000	\$400,000			

D = Year being designed; C = Year construction will begin.

For projects planned beyond five years, please refer to the City's Capital Improvement Plan Document.

Streets, Sidewalks and Major Maintenance

Annual and 5 Year Capital Projects

Funding Source	Proposed FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Future Cost	D	C
Streets								
14 Fairview & Chapel Hill Int Imprvmts 00618 [ID: 184]							2024	2026
Cap Imp S Tax - 2015 Ballot					\$470,000			
Development Fees					\$121,969			
Total					\$591,969			
15 Forum Blvd: Chapel Hill to Woodrail (4 lane) 00771 [ID: 1335]							2022	2025
Cap Imp S Tax - 2015 Ballot				\$1,281,879				
Co Rd Tax Reb	\$1,500,000	\$691,203		\$1,908,918				
Development Fees		\$2,726,985	\$1,171,969	\$1,228,031				
Total	\$1,500,000	\$3,418,188	\$1,171,969	\$4,418,828				
Sidewalks								
16 ADA Curb Ramp Installations 00600 [ID: 1877]							2014	
2015 CIST - Ann Sidewalk								
Mjr Maint	\$244,300	\$144,300	\$144,300	\$144,300	\$44,300			
Total	\$244,300	\$144,300	\$144,300	\$144,300	\$44,300			
17 Annual Sidewalk Major Maintenance 00148 [ID: 16]								
Total								
18 Annual Sidewalks/Pedways (New const/re-const 40162 [ID: 17])								
Total								
19 Audible Pedestrian Signals 00551 [ID: 1769]							2020	2021
Total								
20 Audubon Dr Sdwk-Shepard Blvd-N Azalea 00760 [ID: 228]							2021	2022
2015 CIST - Ann Sidewalks	\$400,000							
Total	\$400,000							
21 Broadway Sdwk - Maplewood-W Blvd 00759 [ID: 211]							2024	2024
2015 CIST - Ann Sidewalks			\$550,000					
Total			\$550,000					
22 Chapel Hill Sidewalk: Fairview to Face Rock [ID: 2218]							2024	2024
2015 CIST - Ann Sidewalks			\$450,000					
Total			\$450,000					
23 North Stadium Blvd Sdwk - I-70 - Primrose 00761 [ID: 217]							2021	2023
2015 CIST - Ann Sidewalks			\$300,000					
Total			\$300,000					
24 Oakland Gravel Rd Sdwk: Vandiver to Edris 00802 [ID: 2217]							2022	2023
2015 CIST - Ann Sidewalks		\$350,000						
Total		\$350,000						
25 Broadway Sdwk - Stadium Blvd to Manor - 00756 [ID: 210]							2024	2026
2015 CIST - Ann Sidewalks			\$750,000	\$500,000	\$200,000			
Total			\$750,000	\$500,000	\$200,000			

D = Year being designed; C = Year construction will begin.

For projects planned beyond five years, please refer to the City's Capital Improvement Plan Document.

Streets, Sidewalks and Major Maintenance

Annual and 5 Year Capital Projects

Funding Source	Proposed FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Future Cost	D	C	
Major Maintenance									
26 MM - Rangeline - Rogers to Wilkes (00785) [ID: 1779]							2022	2022	
Co Rd Tax Reb	\$225,000								
Total	\$225,000								
27 MM - Walnut from College to Old 63 00747 [ID: 1841]							2020	2022	
Cap Imp S Tax - 2015 Ballot	\$213,336								
Co Rd Tax Reb	\$500,000								
Total	\$713,336								
28 MM - Garth Avenue: BL 70 to Thurman 00777 [ID: 1316]							2024	2025	
Cap Imp S Tax - 2015 Ballot			\$500,000						
Co Rd Tax Reb		\$1,055,000	\$2,000,000						
Total		\$1,055,000	\$2,500,000						

Streets, Sidewalks and Major Maintenance Funding Source Summary

2015 CIST - Ann Cty/Cnty/St Proj	\$600,000			\$2,145,177	\$154,823			
2015 CIST - Ann Hist Brick Str				\$100,000	\$400,000			
2015 CIST - Ann Sidewalk Mjr Maint	\$244,300	\$144,300	\$144,300	\$144,300	\$44,300			
2015 CIST - Ann Sidewalks	\$400,000	\$350,000	\$2,050,000	\$500,000	\$200,000			
2015 CIST - Ann Str Recon	\$1,275,000	\$537,500						
2015 CIST - Ann Streets				\$347,500				
2015 CIST - Ann Trf Calming	\$472,000	\$212,000	\$212,000	\$237,000	\$113,000			
2015 CIST - Ann Trf Safety	\$307,000	\$152,000	\$152,000	\$152,000	\$249,500			
Cap Imp S Tax - 2015 Ballot	\$375,836		\$612,500	\$2,226,879	\$1,917,500			
Co Rd Tax Reb	\$2,225,000	\$3,892,765	\$2,000,000	\$1,908,918				
Development Fees		\$2,726,985	\$1,171,969	\$1,228,031	\$121,969			
New Funding	\$5,899,136	\$8,015,550	\$6,342,769	\$8,989,805	\$3,201,092		\$0	
Total	\$5,899,136	\$8,015,550	\$6,342,769	\$8,989,805	\$3,201,092		\$0	

Streets, Sidewalks and Major Maintenance Current Capital Projects

Streets

1	4th Street Pedestrian Crosswalk 00772 [ID: 2198]	2020	2022
2	Annual Neighbrhd Curb & Gutter Restoration 00235 [ID: 14]		
3	Audubon Dr Traffic Calming 00791 [ID: 2254]	2021	2022
4	Bray Ave Traffic Calming 00794 [ID: 2257]	2020	2021
5	Discovery Parkway: Gans to New Haven - 00633 [ID: 1155]	2017	2021
6	Gans Rd:Interchange at 63 00237 [ID: 61]	2006	2008
7	Holly Ave Traffic Calming 00750 [ID: 2169]	2020	2021
8	Lenoir Connection 00746 [ID: 2162]	2019	2021
9	Maplewood Traffic Calming 00795 [ID: 2258]	2020	2021

D = Year being designed; C = Year construction will begin.

For projects planned beyond five years, please refer to the City's Capital Improvement Plan Document.

Funding Source	Proposed FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Future Cost	D	C
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Streets, Sidewalks and Major Maintenance Current Capital Projects

Streets

10	MM - Garth Ave: BL70 to Thurman 00777 [ID: 2248]						2023	2024
11	Nifong -Providence to Forum - 00643 [ID: 97]						2016	2020
12	Ninth & Elm Pedestrian Scramble - 00637 [ID: 1962]						2015	2019
13	Proctor Dr Traffic Calming 00786 [ID: 2249]						2021	2022
14	Ridgefield Rd Traffic Calming 00787 [ID: 2250]						2021	2021
15	Ridgemont Bridge Repair 00568 [ID: 1764]						2019	2022
16	Ridgemont Traffic Calming 00790 [ID: 2253]						2021	2022
17	Sinclair Rd - Rt K Intersection Improv 00707 [ID: 2073]						2018	2021
18	Smith Dr Traffic Calming 00752 [ID: 2171]						2020	2021
19	Urban Forestry Management Plan 00677 [ID: 2004]						2017	2019
20	Wabash Dr Extension 00522 [ID: 1523]						2020	2022
21	Walnut Bridge Repair 00792 [ID: 2256]						2020	2021
22	William St/Hinkson Ave Traffic Calming 00751 [ID: 2170]						2020	2021

Sidewalks

23	Downtown Sidewalk Improvements 00171 [ID: 10]							
24	Leslie Ln Sdwk - N Garth Av to Newton Dr 00736 [ID: 238]						2020	2021
25	Maguire Sidewalk Repair 00793 [ID: 2255]						2020	2022
26	St Charles Rd Sdwk: Demaret to Battle Ave 00762 [ID: 2247]						2020	2021

Major Maintenance

27	MM - Paris Road Resurfacing 00682 [ID: 2011]						2026	2027
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Streets, Sidewalks and Major Maintenance Impact of Capital Projects

Annual Streets - 40158 [ID: 18]

Approximately 20 miles of streets are added each year in which maintenance, signage and snow removal will occur.

Audible Pedestrian Signals 00551 [ID: 1769]

Installation by City Forces

Brown Station Rd-Starke Av to Rte. B 00409 [ID: 38]

Unknown

College Ave & Rollins Rd Intersection Improvements [ID: 1852]

None, MoDOT Facility

Major Street Extension to UU 00704 [ID: 2068]

Additional pavement would require additional maintenance funds.

Ninth & Elm Pedestrian Scramble - 00637 [ID: 1962]

Replacement of legacy equipment. Additional equipment to maintain.

Old Route K Sidewalk 00577 [ID: 1771]

Unknown at this time

Rock Quarry Rd-Nifong to Grindstone Prkwy 00069 [ID: 116]

Unknown

D = Year being designed; C = Year construction will begin.

For projects planned beyond five years, please refer to the City's Capital Improvement Plan Document.

Transit

Annual and 5 Year Capital Projects

Funding Source	Proposed FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Future Cost	D	C
Transit								
1 Annual Bus replacement - PT053 [ID: 1560]								
FTA - 5307	\$2,205,004	\$1,329,600	\$145,886					
FTA Grant			\$2,513,334	\$1,177,736	\$1,177,736			
Total	\$2,205,004	\$1,329,600	\$2,659,220	\$1,177,736	\$1,177,736			
2 Annual Transit Project - PT050 [ID: 1549]								
Transp S Tax	\$551,251	\$332,400	\$664,800	\$629,224	\$629,224			
Total	\$551,251	\$332,400	\$664,800	\$629,224	\$629,224			
3 Rehab/Renovate Bus Surveil/System PT066 [ID: 2265]								
FTA - 5307	\$16,000						2021	2022
Total	\$16,000							
4 Rehab/Renovate Power Distrib Subs. - PT067 [ID: 2266]								
Total							2021	2021

Transit Funding Source Summary

FTA - 5307	\$2,221,004	\$1,329,600	\$145,886					
FTA Grant			\$2,513,334	\$1,177,736	\$1,177,736			
Transp S Tax	\$551,251	\$332,400	\$664,800	\$629,224	\$629,224			
New Funding	\$2,772,255	\$1,662,000	\$3,324,020	\$1,806,960	\$1,806,960			\$0
Total	\$2,772,255	\$1,662,000	\$3,324,020	\$1,806,960	\$1,806,960			\$0

Transit Current Capital Projects

- 1 5339 Bus Replacement PT064 [ID: 2222]
- 2 Annual Bus Shelters - PT058 [ID: 1965]
- 3 Bus Shelters PT063 [ID: 2145]
- 4 LONO Electric Bus PT061 [ID: 2129]
- 5 Rpl 6 PT Vans/Equipment PT062 [ID: 2144]

Transit Impact of Capital Projects

D = Year being designed; C = Year construction will begin.

For projects planned beyond five years, please refer to the City's Capital Improvement Plan Document.

Airport

Annual and 5 Year Capital Projects

Funding Source	Proposed FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Future Cost	D	C
Airport								
1 Annual General Improvements - AP008 [ID: 944]								
Total								
2 Aqueous Film Forming Foam Testing Equipment AP143 [ID: 2240]								
Total							2021	2021
3 Design & Const of Airport Drive 1.3 Miles (AP131) [ID: 2154]								
FAA Grant						\$1,670,565		
Unfunded						\$185,619		
Total						\$1,856,184		
4 Glycol Recovery System AP141 [ID: 2151]								
Ent Rev		\$55,000						
FAA Grant		\$495,000						
Total		\$550,000						
5 T/W A:South of R/W 13-31-975X50 Design/const AP139 [ID: 2124]								
FAA Grant	\$2,295,933							
Transp S Tax	\$255,103							
Total	\$2,551,036							
6 Master Plan Update - AP999 [ID: 1936]								
FAA Grant					\$379,039			
Unfunded					\$42,116			
Total					\$421,155			
7 Terminal Building Boarding Bridge [ID: 2278]								
FAA Grant				\$900,000				
Transp S Tax				\$100,000				
Total				\$1,000,000				
8 Apron Rehab: South Apron, Area 3, Btwn TW A2 & A3 [ID: 1724]								
FAA Grant						\$3,861,799		
Unfunded						\$429,088		
Total						\$4,290,887		

Airport Funding Source Summary

Ent Rev		\$55,000						
FAA Grant	\$2,295,933	\$495,000		\$900,000	\$379,039	\$1,670,565		
Transp S Tax	\$255,103			\$100,000				
New Funding	\$2,551,036	\$550,000		\$1,000,000	\$379,039	\$1,670,565		
Unfunded					\$42,116	\$185,619		
Unfunded					\$42,116	\$185,619		
Total	\$2,551,036	\$550,000		\$1,000,000	\$421,155	\$1,856,184		

Airport Current Capital Projects

D = Year being designed; C = Year construction will begin.

For projects planned beyond five years, please refer to the City's Capital Improvement Plan Document.

Airport

Annual and 5 Year Capital Projects

Funding Source	Proposed FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Future Cost	D	C
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Airport Current Capital Projects

Airport

1	Airport Terminal Percent for Art [ID: 2264]						2020	2021
2	Columbia Jet Center Parking Expansion AP134 [ID: 2077]						2018	2025
3	COU Parking Lot AP124 [ID: 2076]						2021	2022
4	Design/Construct Taxiway and Apron (AP140) [ID: 2127]						2019	2020
5	Hangar 730 (AP130) [ID: 2104]						2018	2018
6	New Terminal Complex: Design & Construction AP111 [ID: 1557]						2018	2021
7	R/W 2-20 & T/W A (N Ext 900Ft) (AP125) [ID: 1924]						2019	2021
8	R/W 2-20 Tech Ops Agreement (AP128) [ID: 2052]						2018	2018
9	Route H AP123 [ID: 1923]						2017	2019
10	Runway 2-20 Isolated Pavement Remediations (AP126) [ID: 1720]						2018	2018

Airport Impact of Capital Projects

D = Year being designed; C = Year construction will begin.

For projects planned beyond five years, please refer to the City's Capital Improvement Plan Document.

Parking

Annual and 5 Year Capital Projects

Funding Source	Proposed FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Future Cost	D	C
Parking								
1 Parking Infra Upgrades & Maint PK062 [ID: 2064]							2018	2018
Ent Rev		\$300,000	\$300,000	\$300,000				
Total		\$300,000	\$300,000	\$300,000				
2 8th/Cherry Garage Major Maintenance PK075 [ID: 2261]							2021	2022
Ent Rev	\$150,000							
Total	\$150,000							
3 Electric Charging Station - 5th & Walnut - PK073 [ID: 2159]							2022	2022
Ent Rev	\$35,000							
Total	\$35,000							
4 Garage Building Assessment PK076 [ID: 2262]							2022	2021
Ent Rev	\$50,000							
Total	\$50,000							
5 Garage Security Fencing PK071 [ID: 2157]							2020	2022
Ent Rev	\$300,000							
Total	\$300,000							

Parking Funding Source Summary

Ent Rev	\$535,000	\$300,000	\$300,000	\$300,000	
New Funding	\$535,000	\$300,000	\$300,000	\$300,000	\$0
Total	\$535,000	\$300,000	\$300,000	\$300,000	\$0

Parking Current Capital Projects

1	5th/Walnut Repair PK068 [ID: 2146]	2018	2019
2	8th & Cherry - Energy Efficiency - PK058 [ID: 1968]	2016	2016
3	Camera System Replacement PK065 [ID: 2111]	2019	2019
4	Elevator Upgrades PK069 [ID: 2155]	2020	2020
5	MM - 10th/Cherry Parking Structure PK064 [ID: 2072]	2018	2018
6	MM - 8th/Cherry Parking Structure Roof PK067 [ID: 2112]	2020	2020
7	Short Street Garage Bathroom PK070 [ID: 2156]	2020	2020

Parking Impact of Capital Projects

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D = Year being designed; C = Year construction will begin.

For projects planned beyond five years, please refer to the City's Capital Improvement Plan Document.

Railroad

Annual and 5 Year Capital Projects

Funding Source	Proposed FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Future Cost	D	C
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Railroad

1 Annual Capital Maintenance - R0045 [ID: 626]								
Ent Rev	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000			
Total	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000			
2 Annual Rail Replacement Program - R0014 [ID: 627]								
Ent Rev	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000			
Total	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000			
3 Annual Surfacing Program - R0013 [ID: 629]								
Ent Rev	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000			
Total	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000			
4 Annual Tie Program - R0012 [ID: 630]								
Ent Rev	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000			
Total	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000			

Railroad Funding Source Summary

Ent Rev	\$100,000	\$100,000	\$100,000	\$100,000				
New Funding	\$100,000	\$100,000	\$100,000	\$100,000			\$0	
Total	\$100,000	\$100,000	\$100,000	\$100,000			\$0	

Railroad Current Capital Projects

Railroad Impact of Capital Projects

Annual Capital Maintenance - R0045 [ID: 626]

Routine repairs required to keep railroad in service.

Annual Rail Replacement Program - R0014 [ID: 627]

Routine replacement of rail, some approaching 100 years old, is required to maintain safety of railroad operations.

Annual Surfacing Program - R0013 [ID: 629]

Track surface, or smoothness, must be maintained with in prescribed limits to maintain railroad service.

Annual Tie Program - R0012 [ID: 630]

Routine tie replacement required to keep railroad operating at acceptable level of service.

D = Year being designed; C = Year construction will begin.

For projects planned beyond five years, please refer to the City's Capital Improvement Plan Document.

Water

Annual and 5 Year Capital Projects

Funding Source	Proposed FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Future Cost	D	C
Water								
1 Deep Well Abandonment - W0249 [ID: 1500]							2021	2022
Ent Rev	\$100,000							
Total	\$100,000							
2 Differential Payments - W0143 [ID: 642]								
Ent Rev	\$50,000	\$50,000	\$50,000	\$50,000				
Total	\$50,000	\$50,000	\$50,000	\$50,000				
3 Fire Hydrants & Valve Replacements - W0127 [ID: 587]								
Total								
4 Installation of New Mains to Create Loops - W0123 [ID: 586]								
Ent Rev	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$400,000		
Total	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$400,000		
5 Main Relocation for Streets & Highways - W0125 [ID: 589]								
2018 Water Ballot	\$300,000	\$300,000						
Ent Rev	\$100,000	\$100,000	\$200,000	\$200,000	\$200,000	\$200,000		
Future Ballot			\$300,000	\$300,000	\$300,000	\$300,000		
Total	\$400,000	\$400,000	\$500,000	\$500,000	\$500,000	\$500,000		
6 New & Replacement Service Lines - W0128 [ID: 592]								
Ent Rev	\$450,000	\$450,000	\$450,000	\$450,000	\$450,000	\$450,000		
Total	\$450,000	\$450,000	\$450,000	\$450,000	\$450,000	\$450,000		
7 Water Main Replacements - W0130 [ID: 590]								
2018 Water Ballot	\$750,000	\$750,000						
Ent Rev			\$500,000	\$500,000	\$500,000	\$1,000,000		
Future Ballot			\$500,000	\$500,000	\$500,000	\$1,000,000		
PYA Ent Rev - Main Relctn for Streets/Hwys - W0125	\$500,000							
Total	\$1,250,000	\$750,000	\$1,000,000	\$1,000,000	\$1,000,000	\$2,000,000		
8 Water Meter Replacements - W0231 [ID: 1362]								
Total								
9 16" Transmission Main to Prathersville Tank-W0242 [ID: 1493]							2024	2024
Future Ballot			\$2,500,000					
Total			\$2,500,000					
10 Brown Station Rd - Stark Av to Mojave Ct - W0241 [ID: 1492]							2023	2024
Unfunded		\$1,035,000						
Total		\$1,035,000						
11 Fiber to Water Facilities - W0283 [ID: 2149]							2020	2022
Ent Rev	\$125,000							
Total	\$125,000							
12 Lime Softening Residual Discharge Pipe - W0234 [ID: 1485]							2018	2024
Ent Rev			\$1,000,000					
Total			\$1,000,000					

D = Year being designed; C = Year construction will begin.

For projects planned beyond five years, please refer to the City's Capital Improvement Plan Document.

Water

Annual and 5 Year Capital Projects

Funding Source	Proposed FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Future Cost	D	C
Water								
13 New Well Platforms - W0279 [ID: 1988]							2022	2022
2018 Water Ballot	\$1,000,000							
Total	\$1,000,000							
14 Refurbish Existing Deep Well for Emergency-W0140 [ID: 581]							2021	2022
Ent Rev	\$350,000							
Total	\$350,000							
15 Replace Alluvial Well #1 - W0301 [ID: 1985]							2022	2023
Ent Rev	\$700,000							
Total	\$700,000							
16 Replacement of Alluvial Well 10 - W0302 [ID: 2272]							2023	2024
Ent Rev		\$700,000						
Total		\$700,000						
17 Strawn Road Main Extension - W0303 [ID: 2302]							2022	2023
Ent Rev	\$600,000							
Total	\$600,000							
18 Tower and Reservoir Maintenance - W0282 [ID: 2148]							2021	2022
Ent Rev	\$1,000,000	\$1,000,000						
Total	\$1,000,000	\$1,000,000						
19 Waco Rd - Brown Station to Oakland - W0251 [ID: 1502]							2023	2024
Unfunded		\$1,292,000						
Total		\$1,292,000						
20 Waco Rd - Route B to Rogers - W0252 [ID: 1503]							2023	2024
Unfunded		\$1,101,000						
Total		\$1,101,000						
21 Water Treatment Plant Upgrade - Phase 1 - W0236 [ID: 1487]							2020	2022
PYA 2018 Ballot - Replumb								
Influent at WTP - W0211	\$1,201,763							
PYA Ent Revenue - Replumb								
Influent at WTP - W0211	\$150,000							
Total	\$1,351,763							
22 Well & Pump Station Control W0264 [ID: 1887]							2014	2021
Ent Rev	\$100,000	\$100,000	\$100,000					
Total	\$100,000	\$100,000	\$100,000					
23 Westwind Dr/S Greenwood:W BI to Greenwood Ct-W0300 [ID: 2244]							2021	2022
Total								
24 16" Main - Barberry to Worley - 4,300 FT - W0244 [ID: 1495]							2024	2025
Future Ballot			\$700,000	\$700,000				
Total			\$700,000	\$700,000				
25 2MG Elevated Storage - Prathersville - W0243 [ID: 1494]							2024	2025
Future Ballot			\$500,000	\$2,500,000				
Total			\$500,000	\$2,500,000				

D = Year being designed; C = Year construction will begin.

For projects planned beyond five years, please refer to the City's Capital Improvement Plan Document.

Water

Annual and 5 Year Capital Projects

Funding Source	Proposed FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Future Cost	D	C
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Water

26 Alluvial Wells #19 AND #20 - W0277 [ID: 1986]							2024	2025
Future Ballot			\$700,000	\$700,000	\$500,000	\$500,000		
Total			\$700,000	\$700,000	\$500,000	\$500,000		
27 Gibbs Road/Dawn Drive - W0272 [ID: 1934]							2025	2025
Ent Rev				\$1,424,000				
Total				\$1,424,000				
28 Water Treatment Plant Upgrade - Phase 2 W0285 [ID: 2122]							2026	2028
Future Ballot					\$5,000,000	\$30,000,000		
Total					\$5,000,000	\$30,000,000		

Water Funding Source Summary

2018 Water Ballot	\$2,050,000	\$1,050,000						
Ent Rev	\$3,675,000	\$2,500,000	\$2,400,000	\$2,724,000	\$1,250,000	\$2,050,000		
New Funding	\$5,725,000	\$3,550,000	\$2,400,000	\$2,724,000	\$1,250,000	\$2,050,000		
PYA 2018 Ballot - Replumb Influent at WTP - W0211	\$1,201,763							
PYA Ent Rev - Main Relctn for Streets/Hwys - W0125	\$500,000							
PYA Ent Revenue - Replumb Influent at WTP - W0211	\$150,000							
Prior Year Funding	\$1,851,763					\$0		
Future Ballot			\$5,200,000	\$4,700,000	\$6,300,000	\$31,800,000		
Future Ballot			\$5,200,000	\$4,700,000	\$6,300,000	\$31,800,000		
Unfunded		\$3,428,000						
Unfunded		\$3,428,000				\$0		
Total	\$7,576,763	\$6,978,000	\$7,600,000	\$7,424,000	\$7,550,000	\$33,850,000		

Water Current Capital Projects

1	16"Main-BrownStationRd-Route B to Peabody-W0230 [ID: 1284]	2018	2021
2	Backup Generators for ASR's & Pump Stations W0150 [ID: 649]	2021	2022
3	Bus Loop - Phase 6A - 3,200' Main Replace - W0200 [ID: 722]	2021	2022
4	Construct Warehouse & Enclosed Parking - W0263 [ID: 1695]	2019	2023
5	Contingency - Enterprise Revenue - W0003 [ID: 1865]		
6	Country Club Drive S/E Walnut Phase 2 - W0273 [ID: 1935]	2018	2021
7	Leslie Ln -Garth to Providence Relocate - W0297 [ID: 2211]	2020	2022
8	LOW: St. Charles to Mexico Gravel Main Rep - W0298 [ID: 2243]	2021	2023
9	Main Adjustment-Nifong Blvd Improvements-W0256 [ID: 1507]	2018	2021
10	New & Replacement of Mains Under Highways - W0119 [ID: 604]	2023	2024

D = Year being designed; C = Year construction will begin.

For projects planned beyond five years, please refer to the City's Capital Improvement Plan Document.

Funding Source	Proposed FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Future Cost	D	C
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Water Current Capital Projects

Water

11	New Elevated Storage - W0286 [ID: 2031]						2019	2022
12	New Southeast Pump Station - W0280 [ID: 1989]						2018	2022
13	Old 63, Gordon St & Charles St Main Repl - W0290 [ID: 2202]						2020	2021
14	Replumb Influent Connections at WTP W0211 [ID: 1110]						2014	2021
15	Riback Rd & Blackberry Ln Main Replacement - W0287 [ID: 2204]						2020	2021
16	Ridgemont Rd & Highridge Cir Main Repl - W0291 [ID: 2203]						2020	2021
17	Ridgemont Rd & Highridge Cir Main Repl - W0291 [ID: 2203]						2020	2021
18	Ridgemont Rd-College Pk to Highridge Reloc- W0296 [ID: 2210]						2020	2020
19	S Glenwood Ave & Glenwood Ct Main Repl - W00288 [ID: 2205]						2020	2021
20	Sinclair Rd, Nifong - Southampton Loop Close-W0292 [ID: 2207]						2020	2021
21	Walnut St-Melbourne St - William St Relocate-W0295 [ID: 2209]						2020	2021
22	Well Field Valve Upgrades - W0274 [ID: 1983]						2017	2021
23	West Ash Upgrades - W0145 [ID: 644]						2020	2021
24	Woodbine Drive Main Replacement - W0289 [ID: 2206]						2020	2022
25	WTP Scada Upgrades - W0278 [ID: 1987]						2019	2020

Water Impact of Capital Projects

Backup Generators for ASR's & Pump Stations W0150 [ID: 649]	Increased maintenance requirement
Differential Payments - W0143 [ID: 642]	Expansion of system requires additional maintenance
Fire Hydrants & Valve Replacements - W0127 [ID: 587]	Incremental impact on operational costs. General growth in system will require additional maintenance with periodic increase in staff.
Installation of New Mains to Create Loops - W0123 [ID: 586]	Incremental impact on operational costs. General growth in system will require additional maintenance with periodic increase in staff.
Main Relocation for Streets & Highways - W0125 [ID: 589]	Incremental impact on operational costs. General growth in system will require additional maintenance with periodic increase in staff.
New & Replacement Service Lines - W0128 [ID: 592]	Incremental impact on operational costs. General growth in system will require additional maintenance with periodic increase in staff.
Refurbish Existing Deep Well for Emergency-W0140 [ID: 581]	Incremental impact on operational costs. An additional ASR well to maintain.
Water Main Replacements - W0130 [ID: 590]	Incremental impact on operational costs. General growth in system will require additional maintenance with periodic increase in staff.
West Ash Upgrades - W0145 [ID: 644]	Will provide greater flexibility in operation

D = Year being designed; C = Year construction will begin.

For projects planned beyond five years, please refer to the City's Capital Improvement Plan Document.

Electric

Annual and 5 Year Capital Projects

Funding Source	Proposed FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Future Cost	D	C
Electric								
1 13.8 kV Overhead System Replacement - E0118 [ID: 651]								
Total								
2 13.8 kV System - New Commercial Services- E0117 [ID: 556]								
Ent Rev	\$800,000	\$800,000	\$800,000	\$800,000	\$800,000	\$800,000		
Total	\$800,000	\$800,000	\$800,000	\$800,000	\$800,000	\$800,000		
3 13.8 kV System - New Residential Services - E0116 [ID: 564]								
Ent Rev	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000		
Total	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000		
4 13.8 kV System Automation - E0200 [ID: 1893]								
Ent Rev	\$100,000	\$100,000	\$100,000					
Total	\$100,000	\$100,000	\$100,000					
5 13.8 kV Underground System Replacement - E0107 [ID: 562]								
2015 Electric Bond		\$250,000						
Total		\$250,000						
6 161 & 69 kV Transformer Replacement - E0192 [ID: 1776]								
2015 Electric Bond		\$600,000						
Ent Rev	\$500,000		\$500,000	\$500,000	\$500,000	\$1,500,000		
Total	\$500,000	\$600,000	\$500,000	\$500,000	\$500,000	\$1,500,000		
7 161&69 kV Transmission System Replacement - E0101 [ID: 567]								
2015 Electric Bond		\$100,000						
Total		\$100,000						
8 Contingency Funds from Bonds - E0009 [ID: 557]								
2015 Electric Bond		\$900,000						
Total		\$900,000						
9 Conversion of Overhead to Underground - E0027 [ID: 555]								
Ent Rev	\$800,000	\$800,000	\$800,000	\$800,000	\$800,000			
Total	\$800,000	\$800,000	\$800,000	\$800,000	\$800,000			
10 Fiber Optic System Additions - E0082 [ID: 560]								
Ent Rev	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000			
Total	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000			
11 Mercury Vapor Streetlight Replacement - E0182 [ID: 1599]								
Total								
12 MPP: elimination of obsolete equipment- E0208 [ID: 2102]								
Ent Rev	\$300,000	\$300,000					2020	2024
Total	\$300,000	\$300,000						
13 New & Replace Transformers & Capacitors - E0021 [ID: 559]								
2015 Electric Bond		\$800,000						
Ent Rev	\$800,000	\$450,000	\$450,000	\$450,000	\$450,000	\$450,000		
Total	\$800,000	\$1,250,000	\$450,000	\$450,000	\$450,000	\$450,000		

D = Year being designed; C = Year construction will begin.

For projects planned beyond five years, please refer to the City's Capital Improvement Plan Document.

Electric

Annual and 5 Year Capital Projects

Funding Source	Proposed FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Future Cost	D	C
Electric								
14 New 13.8 kV Substation Feeder Additions - E0115 [ID: 566]								
Ent Rev	\$1,600,000	\$800,000	\$800,000	\$800,000	\$800,000	\$800,000		
Total	\$1,600,000	\$800,000	\$800,000	\$800,000	\$800,000	\$800,000		
15 Protective Relay Upgrade - E0145 [ID: 984]								
Ent Rev	\$100,000	\$100,000						
Total	\$100,000	\$100,000						
16 Relocation of 13.8 kV System for Streets - E0199 [ID: 1847]								
Ent Rev	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000			
Total	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000			
17 Replace 13.8 kV Switchgear at Substations - E0189 [ID: 1773]								
2015 Electric Bond		\$350,000						
Ent Rev	\$200,000		\$200,000	\$200,000	\$200,000	\$600,000		
Total	\$200,000	\$350,000	\$200,000	\$200,000	\$200,000	\$600,000		
18 Replace 69 & 161 kV Circuit Breakers - E0153 [ID: 1109]								
Ent Rev	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000		
Total	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000		
19 Secondary Electric System for New Services - E0053 [ID: 563]								
Ent Rev	\$750,000	\$750,000	\$750,000	\$1,000,000	\$1,000,000	\$1,000,000		
Total	\$750,000	\$750,000	\$750,000	\$1,000,000	\$1,000,000	\$1,000,000		
20 Street Light Additions and Replacements - E0052 [ID: 565]								
Ent Rev	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000			
Total	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000			
21 Black Start Generation at CEC - E0207 [ID: 2100]								
Future Ballot			\$1,000,000				2022	2023
Total			\$1,000,000					
22 Black Start Generation at MPP - E0206 [ID: 2101]								
Future Ballot		\$1,000,000					2022	2023
Total		\$1,000,000						
23 Brushwood Lake Road Loop Closure - E0185 [ID: 1602]								
Unfunded			\$750,000				2023	2024
Total			\$750,000					
24 Business Loop 70 - Phase 5 Undergrounding - E0140 [ID: 689]								
Ent Rev	\$100,000	\$2,350,000					2022	2023
Total	\$100,000	\$2,350,000						
25 Business Loop 70 - Phase 6 Undergrounding - E0141 [ID: 690]								
Ent Rev		\$100,000	\$1,400,000				2022	2023
Total		\$100,000	\$1,400,000					
26 Electric Meter Replacement E0215 [ID: 2153]								
Ent Rev		\$8,000,000					2022	2022
Total		\$8,000,000						

D = Year being designed; C = Year construction will begin.

For projects planned beyond five years, please refer to the City's Capital Improvement Plan Document.

Electric

Annual and 5 Year Capital Projects

Funding Source	Proposed FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Future Cost	D	C
Electric								
27 Extend Hinkson Creek Substation Feeders - E0193 [ID: 1837]							2022	2024
2015 Electric Bond		\$5,000,000						
Unfunded			\$5,000,000					
Total		\$5,000,000	\$5,000,000					
28 Future Substation Transformer & Switchgear - E0184 [ID: 1601]							2022	2023
Ent Rev	\$300,000	\$500,000						
Total	\$300,000	\$500,000						
29 Landfill Gas Generator #4 - E0175 [ID: 1584]							2018	2022
Ent Rev	\$650,000							
Total	\$650,000							
30 Mill Creek Sub Transmisn Connect to 2 Subs-E0148 [ID: 1050]							2011	2024
2015 Electric Bond		\$8,000,000						
Total		\$8,000,000						
31 Reconfiguration of Substation Feeders-E0201 [ID: 1894]							2016	2024
2015 Electric Bond		\$4,300,000						
Total		\$4,300,000						
32 UG Distribution Lines in Trans Corridor - E0198 [ID: 1845]							2016	2024
2015 Electric Bond		\$4,900,000						
Total		\$4,900,000						
33 Upgrade of Energy Management System - E0216 [ID: 2233]							2021	2022
Ent Rev	\$250,000							
Total	\$250,000							
34 Warehouse & Enclosed Equipment Parking - E0176 [ID: 1593]							2022	2023
Unfunded			\$4,400,000					
Total			\$4,400,000					
35 McBaine Substation Upgrades - E0196 [ID: 1840]							2024	2025
Unfunded					\$2,500,000			
Total					\$2,500,000			
36 Mill Creek & McBaine Interconnection - E0195 [ID: 1839]							2024	2025
Unfunded					\$10,000,000			
Total					\$10,000,000			
37 Broadway Undergrounding - E0120 [ID: 549]							2025	2028
Ent Rev				\$2,200,000				
Total				\$2,200,000				

Electric Funding Source Summary

2015 Electric Bond		\$25,200,000						
Ent Rev	\$8,450,000	\$16,250,000	\$7,000,000	\$7,950,000	\$5,750,000	\$5,900,000		
New Funding	\$8,450,000	\$41,450,000	\$7,000,000	\$7,950,000	\$5,750,000	\$5,900,000		

Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Future Cost	D	C
Electric Funding Source Summary								
Future Ballot		\$1,000,000	\$1,000,000					
Future Ballot		\$1,000,000	\$1,000,000					\$0
Unfunded			\$10,150,000		\$12,500,000			
Unfunded			\$10,150,000		\$12,500,000			\$0
Total	\$8,450,000	\$42,450,000	\$18,150,000	\$7,950,000	\$18,250,000	\$5,900,000		

Electric Current Capital Projects								
1	College Undergrounding-Univ to Bouchelle - E0179 [ID: 1596]						2016	2021
2	Contingency Funds from Enterprise Revenue - E0003 [ID: 1359]							
3	Downtown Streetlights - E0180 [ID: 1597]						2014	2021
4	Hinkson Creek Transformer and Switchgear E0214 [ID: 2232]						2020	2021
5	Millcreek & Vawter School Relocation - E0213 [ID: 2201]						2020	2020
6	More's Lake Restoration - E0204 [ID: 1982]						2016	2017
7	New South Side 161/13.8 Kv Substation - E0121 [ID: 551]						2014	2024
8	Nifong & Bethel Relocation - E0212 [ID: 2200]						2020	2020
9	Power Plant Substation Upgrades - E0151 [ID: 1056]						2016	2024
10	Replace Measurement & Data Acquisition Sys - E0159 [ID: 1203]						2014	2016
11	Sewer Connection to Municipal Power Plant - E0211 [ID: 2150]						2020	2021
12	Substation Upgrades-Grnsth & Perche - E0194 [ID: 1838]						2015	2024
13	Truman Solar Feeders - E0205 [ID: 2088]						2018	2021

Electric Impact of Capital Projects	
13.8 kV System - New Commercial Services- E0117 [ID: 556]	Incremental impact on operational costs. General growth in system will require additional maintenance with periodic increase in staff.
13.8 kV System - New Residential Services - E0116 [ID: 564]	Incremental impact on operational costs. General growth in system will require additional maintenance with periodic increase in staff.
13.8 kV Underground System Replacement - E0107 [ID: 562]	Work is performed because of numerous faults on a line. Replacing problem cable will reduce outages.
Conversion of Overhead to Underground - E0027 [ID: 555]	Long-term could reduce maintenance
Fiber Optic System Additions - E0082 [ID: 560]	Incremental impact on operational costs. General growth in system will require additional maintenance with periodic increase in staff.
More's Lake Restoration - E0204 [ID: 1982]	W&L ceased using lake for ash handling in September 2015.
New & Replace Transformers & Capacitors - E0021 [ID: 559]	Incremental impact on operational costs. General growth in system will require additional maintenance with periodic increase in staff.
New 13.8 kV Substation Feeder Additions - E0115 [ID: 566]	Incremental impact on operational costs. General growth in system will require additional maintenance with periodic increase in staff.
New South Side 161/13.8 Kv Substation - E0121 [ID: 551]	Additional substation to maintain may require additional staff.
Secondary Electric System for New Services - E0053 [ID: 563]	Incremental impact on operational costs. General growth in system will require additional maintenance with periodic increase in staff.
Street Light Additions and Replacements - E0052 [ID: 565]	Incremental impact on operational costs. General growth in system will require additional maintenance with periodic increase in staff.

D = Year being designed; C = Year construction will begin.

For projects planned beyond five years, please refer to the City's Capital Improvement Plan Document.

Sanitary Sewer

Annual and 5 Year Capital Projects

Funding Source	Proposed FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Future Cost	D	C
Sewer								
1 Annual Sewer Rehabilitation - SW100 [ID: 753]								
Ent Rev	\$2,700,000	\$2,700,000	\$2,700,000	\$2,700,000	\$2,700,000	\$10,800,000		
PYA Ent Rev - SD #171 Crites Lane SW263	\$18,950							
Total	\$2,718,950	\$2,700,000	\$2,700,000	\$2,700,000	\$2,700,000	\$10,800,000		
2 Annual Sewer System Improvements - SW183 [ID: 750]								
Ent Rev		\$500,000	\$500,000	\$500,000	\$500,000	\$1,500,000		
Total		\$500,000	\$500,000	\$500,000	\$500,000	\$1,500,000		
3 Calvert Drive Sewer Relocation - SW252 [ID: 1698] 2021 2022								
Ent Rev	\$260,000							
Total	\$260,000							
4 Hwy 63 Connector south of I-70 - SW516 [ID: 2041] 2021 2023								
Ent Rev	\$190,000							
Total	\$190,000							
5 NWK-2018-001181 Sewer Mitigation Bank-SW530 [ID: 2296] 2022 2022								
Ent Rev	\$150,000			\$100,000				
Total	\$150,000			\$100,000				
6 PCCE # 3 - Stewart & Medavista Ph I - III- SW198 [ID: 780] 2012 2018								
Ent Rev	\$260,000							
Total	\$260,000							
7 PCCE #18 - Spring Valley Road SW241 [ID: 1365] 2017 2022								
Ent Rev	\$50,000							
Total	\$50,000							
8 PCCE #27 - Grace Ellen - SW254 [ID: 1606] 2016 2022								
Ent Rev	\$20,000							
Total	\$20,000							
9 PCCE #28 - Hickory Hill Drive & Sunset Drive SW521 [ID: 1910] 2021 2023								
Ent Rev	\$215,000							
Total	\$215,000							
10 PCCE #29 - East Sunset Lane - SW522 [ID: 1909] 2022 2024								
Ent Rev	\$50,000	\$225,000						
Total	\$50,000	\$225,000						
11 PCCE #30 - W Stewart, Edgewood, Westmount - SW519 [ID: 1908] 2021 2024								
Ent Rev		\$340,000						
Total		\$340,000						
12 PCCE #31 - Oakwood Court-SW531 [ID: 1907] 2022 2024								
Ent Rev	\$30,000	\$120,000						
Total	\$30,000	\$120,000						
13 PCCE #35 - Richmond Avenue-SW532 [ID: 1904] 2022 2024								
Ent Rev	\$30,000	\$140,000						
Total	\$30,000	\$140,000						

D = Year being designed; C = Year construction will begin.

For projects planned beyond five years, please refer to the City's Capital Improvement Plan Document.

Sanitary Sewer

Annual and 5 Year Capital Projects

Funding Source	Proposed FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Future Cost	D	C
Sewer								
14 Sewer Rehabilitation #8 - SW527 [ID: 2172]							2020	2022
PYA 2014 Ballot - Sewer Bonds - SW499	\$310,909							
Total	\$310,909							
15 South Providence Sewer Replacement - SW526 [ID: 2099]							2020	2022
Ent Rev	\$90,000							
Total	\$90,000							
16 WWTP Mechanical Screens Wetland Pump Station SW520 [ID: 2048]							2022	2023
Ent Rev	\$2,800,000							
Total	\$2,800,000							
17 PCCE #34 - Forest Hill Court & Ridge Road -SW533 [ID: 1905]							2022	2025
Ent Rev	\$80,000		\$295,000					
Total	\$80,000		\$295,000					
18 PCCE #38 - North Eighth Street-SW534 [ID: 1903]							2024	2025
Ent Rev			\$165,000					
Total			\$165,000					
19 PCCE #40-Sunset Dr, ProspectSt, CrestlandAve SW535 [ID: 1902]							2023	2026
Ent Rev		\$45,000		\$465,000				
Total		\$45,000		\$465,000				
20 PCCE #41 - W Stewart Road & West Blvd - SW536 [ID: 1901]							2024	2026
Ent Rev			\$20,000	\$175,000				
Total			\$20,000	\$175,000				
21 PCCE #42 - W Broadway & Aldeah-SW537 [ID: 2280]							2024	2026
Ent Rev			\$45,000		\$185,000			
Total			\$45,000		\$185,000			
22 PCCE #43 - Rice Road-SW538 [ID: 2282]							2024	2025
Ent Rev			\$45,000	\$75,000				
Total			\$45,000	\$75,000				
23 Upper Southwest Outfall Relief-SW539 [ID: 800]							2024	2026
Ent Rev			\$40,000	\$360,000				
Total			\$40,000	\$360,000				
24 White Oak Sewer Relocation-SW540 [ID: 2279]							2024	2025
Ent Rev			\$125,000					
Total			\$125,000					
25 WWTP I&I Storage-SW541 [ID: 2045]							2023	2025
Unfunded		\$1,500,000	\$13,500,000					
Total		\$1,500,000	\$13,500,000					
26 5th to Wilkes Relief Sewer Phase 2-SW542 [ID: 2284]							2026	2028
Ent Rev						\$267,201		
PYA Ent Rev - 5th to Wilkes SW529	\$377,799							
Total	\$377,799					\$267,201		

D = Year being designed; C = Year construction will begin.

For projects planned beyond five years, please refer to the City's Capital Improvement Plan Document.

Sanitary Sewer

Annual and 5 Year Capital Projects

Funding Source	Proposed FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Future Cost	D	C
Sewer								
27 B-8 Relief Sewer - Rangeline & Vandiver [ID: 794]							2026	2028
Ent Rev					\$250,000	\$2,000,000		
Total					\$250,000	\$2,000,000		
28 B-9 Relief Sewer - Garth & Vandiver [ID: 795]							2027	2030
Ent Rev						\$750,000		
Total						\$750,000		
29 FBRS - 4th Street - Elm to Rogers/Broadway -SW258 [ID: 1864]							2025	2027
Unfunded				\$400,000	\$4,000,000			
Total				\$400,000	\$4,000,000			
30 Lower Southwest Outfall Relief Sewer - SW261 [ID: 798]							2025	2027
Unfunded				\$75,000	\$750,000			
Total				\$75,000	\$750,000			
31 PCCE #44 - Club Ct & Vine St [ID: 2283]							2025	2027
Ent Rev				\$85,000		\$325,000		
Total				\$85,000		\$325,000		
32 PCCE #46 Fredora Maupin [ID: 2297]							2026	2027
Ent Rev					\$45,000	\$340,000		
Total					\$45,000	\$340,000		
33 PCCE #47 W Ash Street [ID: 2298]							2026	2027
Ent Rev					\$25,000	\$125,000		
Total					\$25,000	\$125,000		
34 PCCE #48 S West Blvd [ID: 2299]							2026	2027
Ent Rev					\$25,000	\$200,000		
Total					\$25,000	\$200,000		
35 PCCE #49 N William Street [ID: 2300]							2027	2028
Ent Rev						\$100,000		
Total						\$100,000		
36 PCCE #50 N Country Club Dr Club Ct [ID: 2301]							2027	2028
Ent Rev						\$265,000		
Total						\$265,000		
37 Upper Bear Creek Sewer Replacement [ID: 1529]							2025	2027
Ent Rev				\$60,000	\$550,000			
Total				\$60,000	\$550,000			
38 WWTP New Digester Addition [ID: 2049]							2026	2028
Unfunded					\$1,300,000	\$11,700,000		
Total					\$1,300,000	\$11,700,000		

Sanitary Sewer Funding Source Summary	

Sanitary Sewer

Annual and 5 Year Capital Projects

Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Future Cost	D	C
Sanitary Sewer Funding Source Summary								
Ent Rev	\$6,925,000	\$4,070,000	\$3,935,000	\$4,520,000	\$4,280,000	\$15,557,201		
New Funding	\$6,925,000	\$4,070,000	\$3,935,000	\$4,520,000	\$4,280,000	\$15,557,201		
PYA 2014 Ballot - Sewer Bonds - SW10199	\$50,000							
PYA Ent Rev - 5th to Wilkes SW525	257,799							
PYA Ent Rev - SD #171 Crites Lane SW19263	16,923							
Prior Year Funding	\$699,658					\$0		
Unfunded		\$1,500,000	\$13,500,000	\$475,000	\$6,050,000	\$11,700,000		
Unfunded		\$1,500,000	\$13,500,000	\$475,000	\$6,050,000	\$11,700,000		
Total	\$7,624,658	\$5,570,000	\$17,435,000	\$4,995,000	\$10,330,000	\$27,257,201		

Sanitary Sewer Current Capital Projects

1	5th to Wilkes Relief Sewer - SW525 [ID: 2147]	2020	2021
2	Court and Hickory Street Sewer Relocation - SW505 [ID: 1890]	2015	2021
3	FY 2018 Sewer Rehabilitation Project - SW518 [ID: 2224]	2018	2019
4	FY 2019 Sewer Rehabilitation Project [ID: 2126]	2019	2021
5	North Garth Sewer Replacement - SW511 [ID: 2018]	2017	2021
6	PCCE # 8 : Thilly Lathrop SW221 [ID: 1241]	2010	2017
7	PCCE #16 - Bingham Rd & West Ridgeley Rd SW240 [ID: 1366]	2013	2018
8	PCCE #21 - Stanford - SW507 [ID: 1912]	2017	2021
9	PCCE #22 - Shannon Place - SW502 [ID: 1603]	2016	2018
10	PCCE #23 - Lakeshore Drive & Edgewood Ave - SW503 [ID: 1911]	2021	2023
11	PCCE #25 - Glenwood & Redbud - SW504 [ID: 1605]	2017	2021
12	Sewer Rehabilitation #10 - SW529 [ID: 2270]	2022	2023
13	Sewer Rehabilitation #9 - SW528 [ID: 2269]	2021	2022
14	Tupelo-larch Sewer Replacement - SW513 [ID: 2043]	2018	2021
15	WWTP - Digester Complex Improvements - SW508 [ID: 1303]	2017	2019

Sanitary Sewer Impact of Capital Projects

5th to Wilkes Relief Sewer - SW525 [ID: 2147]
Minimal impact to Sewer operations. Project will add approximately 1700 LF of pipe for sewer maintenance.
5th to Wilkes Relief Sewer Phase 2-SW542 [ID: 2284]
None. Mostly replacing existing sewer system. Will add approximately 1000 feet of pipe for maintenance.
B-8 Relief Sewer - Rangeline & Vandiver [ID: 794]
Needs evaluation to determine if improvement will reduce the incidence of mostly wet weather SSOs due to capacity issues.
B-9 Relief Sewer - Garth & Vandiver [ID: 795]
Needs evaluation to determine if relief sewer will reduce the incidence of mostly wet weather SSOs due to capacity issues.
Calvert Drive Sewer Relocation - SW252 [ID: 1698]
Eliminate sewer main from under a building.
Court and Hickory Street Sewer Relocation - SW505 [ID: 1890]
Reduce maintenance and inflow and infiltration.
Cow Branch Outfall [ID: 725]
Reduce operation cost by \$15,000. Increase in line maintenance cost would be offset by decrease in pump station maintenance cost

D = Year being designed; C = Year construction will begin.

For projects planned beyond five years, please refer to the City's Capital Improvement Plan Document.

Funding Source	Proposed FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Future Cost	D	C
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Sanitary Sewer Impact of Capital Projects

Sewer

FBRs - 4th Street - Elm to Rogers/Broadway -SW258 [ID: 1864]								
none								
Hominy Branch Outfall Ext:LOW Rd-Mxco Grvl [ID: 727]								
Add \$12,000/yr to maintain and operate sewer								
Hwy 63 Connector south of I-70 - SW516 [ID: 2041]								
Reduce frequency of cleaning required.								
Lower Southwest Outfall Relief Sewer - SW261 [ID: 798]								
Needs to be evaluated to determine whether or not this project will reduce incidence of wet weather SSOs.								
Mill Creek Trunk Sewer [ID: 2046]								
Increased operations and maintenance costs.								
North Garth Sewer Replacement - SW511 [ID: 2018]								
Reduce maintenance.								
North Grindstone Outfall Ext. Phase III SW214 [ID: 732]								
Increase maintenance and operation costs.								
NWK-2018-001181 Sewer Mitigation Bank-SW530 [ID: 2296]								
Will include long term vegetative and landscape maintenance. Initial establishment will require more intensive maintenance than in the long term.								
PCCE # 3 - Stewart & Medavista Ph I - III- SW198 [ID: 780]								
Reduce maintenance calls and inflow and infiltration. Increase feet of sewer system for maintenance.								
PCCE #16 - Bingham Rd & West Ridgeley Rd SW240 [ID: 1366]								
Reduce maintenance calls and inflow and infiltration. Increase feet of sewer system for maintenance.								
PCCE #18 - Spring Valley Road SW241 [ID: 1365]								
Reduce maintenance calls and inflow and infiltration. Increase feet of sewer system for maintenance.								
PCCE #21 - Stanford - SW507 [ID: 1912]								
Increase feet of sewer system line for maintenance. Reduce maintenance calls and inflow and infiltration.								
PCCE #22 - Shannon Place - SW502 [ID: 1603]								
Update failing infrastructure								
PCCE #23 - Lakeshore Drive & Edgewood Ave - SW503 [ID: 1911]								
Increase feet of sewer system line for maintenance. Reduce maintenance calls and inflow and infiltration.								
PCCE #25 - Glenwood & Redbud - SW504 [ID: 1605]								
Increase feet of sewer system line for maintenance. Reduce maintenance calls and inflow and infiltration.								
PCCE #27 - Grace Ellen - SW254 [ID: 1606]								
update failing infrastructure								
PCCE #28 - Hickory Hill Drive & Sunset Drive SW521 [ID: 1910]								
Increase feet of sewer system line for maintenance. Reduce maintenance calls and inflow and infiltration.								
PCCE #29 - East Sunset Lane - SW522 [ID: 1909]								
Increase feet of sewer system line for maintenance. Reduce maintenance calls and inflow and infiltration.								
PCCE #30 - W Stewart, Edgewood, Westmount - SW519 [ID: 1908]								
Increase feet of sewer system line for maintenance. Reduce maintenance calls and inflow and infiltration.								
PCCE #31 - Oakwood Court-SW531 [ID: 1907]								
Increase feet of sewer system line for maintenance. Reduce maintenance calls and inflow and infiltration.								
PCCE #34 - Forest Hill Court & Ridge Road -SW533 [ID: 1905]								
Increase feet of sewer system line for maintenance. Reduce maintenance calls and inflow and infiltration.								
PCCE #35 - Richmond Avenue-SW532 [ID: 1904]								
Increase feet of sewer system line for maintenance. Reduce maintenance calls and inflow and infiltration.								
PCCE #38 - North Eighth Street-SW534 [ID: 1903]								
Increase feet of sewer system line for maintenance. Reduce maintenance calls and inflow and infiltration.								
PCCE #40-Sunset Dr, ProspectSt, CrestlandAve SW535 [ID: 1902]								
Increase feet of sewer system line for maintenance. Reduce maintenance calls and inflow and infiltration.								

D = Year being designed; C = Year construction will begin.

For projects planned beyond five years, please refer to the City's Capital Improvement Plan Document.

Funding Source	Proposed FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Future Cost	D	C
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Sanitary Sewer Impact of Capital Projects

Sewer

- PCCE #41 - W Stewart Road & West Blvd - SW536 [ID: 1901]
Increase feet of sewer system line for maintenance. Reduce maintenance calls and inflow and infiltration.
- PCCE #42 - W Broadway & Aldeah-SW537 [ID: 2280]
Increase feet of sewer system line maintenance. Reduce inflow and infiltration.
- PCCE #43 - Rice Road-SW538 [ID: 2282]
Increase feet of sewer system line maintenance. Reduce inflow and infiltration.
- PCCE #44 - Club Ct & Vine St [ID: 2283]
Increase feet of sewer system line maintenance. Reduce inflow and infiltration.
- PCCE #46 Fredora Maupin [ID: 2297]
Increase feet of sewer system pipe for maintenance. Reduce maintenance calls and inflow and infiltration.
- PCCE #47 W Ash Street [ID: 2298]
Increase feet of sewer system pipe for maintenance. Reduce maintenance calls and inflow and infiltration.
- PCCE #48 S West Blvd [ID: 2299]
Increase feet of sewer system pipe for maintenance. Reduce maintenance calls and inflow and infiltration.
- PCCE #49 N William Street [ID: 2300]
Increase feet of sewer system pipe for maintenance. Reduce maintenance calls and inflow and infiltration.
- PCCE #50 N Country Club Dr Club Ct [ID: 2301]
Increase feet of sewer system pipe for maintenance. Reduce maintenance calls and inflow and infiltration.
- Rocky Fork Outfall Sewer [ID: 733]
Add \$34,000/yr to maintain and operate sewer
- Sewer District - Hillcreek Road [ID: 1370]
Eliminate on site systems, slight increase to collections infrastructure, adds customers.
- Sewer Rehabilitation #10 - SW529 [ID: 2270]
Reduced operational maintenance due to rehabilitation
- Sewer Rehabilitation #9 - SW528 [ID: 2269]
Reduced operational maintenance due to rehabilitation
- South Providence Sewer Replacement - SW526 [ID: 2099]
Reduction in cleaning frequency for maintenance.
- Tupelo-larch Sewer Replacement - SW513 [ID: 2043]
Reduce incidence of wet weather SSOs.
- Upper Bear Creek Sewer Replacement [ID: 1529]
Reduce potential for mostly wet weather SSOs due to capacity issues.
- Upper Southwest Outfall Relief-SW539 [ID: 800]
Reduce potential for mostly wet weather SSOs due to capacity issues.
- White Oak Sewer Relocation-SW540 [ID: 2279]
None, replaces existing infrastructure.
- WWTP - Digester Complex Improvements - SW508 [ID: 1303]
Reduce maintenance.
- WWTP I&I Storage-SW541 [ID: 2045]
Reduce the incidence of wet weather SSOs.
- WWTP Mechanical Screens Wetland Pump Station SW520 [ID: 2048]
Significantly reduce manual labor maintenance. Increase to mechanical maintenance.
- WWTP SCADA System Replacement [ID: 2044]
Improved operations and maintenance.

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For projects planned beyond five years, please refer to the City's Capital Improvement Plan Document.

Solid Waste

Annual and 5 Year Capital Projects

Funding Source	Proposed FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Future Cost	D	C	
Solid Waste									
1 Annual Landfill Gas Recovery Project - RF031 [ID: 883]								2014	
Ent Rev	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$300,000			
Miscellaneous Revenues	\$3,120								
Total	\$103,120	\$100,000	\$100,000	\$100,000	\$100,000	\$300,000			
2 Household Hazardous Waste Collectin Facility RF069 [ID: 882]								2022	2024
Ent Rev			\$200,000						
Total			\$200,000						
3 Landfill Heavy Equipment Storage Shelter - RF075 [ID: 2096]								2022	2023
Ent Rev	\$450,000								
Total	\$450,000								
4 Landfill Scale House Relocation & Rd Improv-RF077 [ID: 2095]								2022	2023
Ent Rev	\$250,000	\$2,250,000							
Total	\$250,000	\$2,250,000							
5 Material Recovery Facility Expansion Phs 2 - RF074 [ID: 1551]								2022	2026
Ent Rev	\$350,000								
Future Bond					\$10,500,000				
Total	\$350,000				\$10,500,000				
6 Bioreactor Landfill Cell #7 - RF073 [ID: 1944]								2024	2027
Ent Rev	\$2,000,000				\$2,500,000	\$2,500,000			
Total	\$2,000,000				\$2,500,000	\$2,500,000			

Solid Waste Funding Source Summary

Ent Rev	\$3,150,000	\$2,350,000	\$300,000	\$100,000	\$2,600,000	\$2,800,000		
Miscellaneous Revenues	\$3,120							
New Funding	\$3,153,120	\$2,350,000	\$300,000	\$100,000	\$2,600,000	\$2,800,000		
Future Bond					\$10,500,000			
Total	\$3,153,120	\$2,350,000	\$300,000	\$100,000	\$13,100,000	\$2,800,000		

Solid Waste Current Capital Projects

1	912 E Walnut (SW Collection Site) RF068 [ID: 2110]	2018	2020
2	CID Special Project - RF067 [ID: 2055]	2020	2022
3	Landfill Expansion Permitting - RF061 [ID: 1585]	2017	2021
4	Landfill Fuel Station Pump Addition - RF060 [ID: 1995]	2017	2021
5	Landfill Gate Improvements - RF066 [ID: 2054]	2020	2021
6	LF Operations Center Building Improvements - RF063 [ID: 2036]	2022	2023
7	LF Station Facility Improvements Phs2 - RF062 [ID: 2034]	2018	2021
8	Material Recovery Facility Phase 1 - RF055 [ID: 884]	2017	2021
9	Oakland Gravel Rd Recycling Drop-Off Site - RF072 [ID: 2092]	2021	2022
10	Small Vehicle Drop-Off Facility - RF070 [ID: 2093]	2021	2022
11	SW Recycling Drop-Off Site - RF071 [ID: 2091]	2021	2022

D = Year being designed; C = Year construction will begin.

For projects planned beyond five years, please refer to the City's Capital Improvement Plan Document.

Funding Source	Proposed FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Future Cost	D	C
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Solid Waste Current Capital Projects

Solid Waste

12 Vehicle Storage Shelters - RF064 [ID: 2035]							2021	2022
13 Vehicle Wash Bay - RF065 [ID: 2033]							2022	2023

Solid Waste Impact of Capital Projects

Annual Landfill Gas Recovery Project - RF031 [ID: 883]
Gas recovery system required in order for the landfill to meet State and Federal regulations.
Bioreactor Landfill Cell #7 - RF073 [ID: 1944]
Continued disposal services for city collections as well as regional waste disposal.
Bioreactor Landfill Cell #8 [ID: 2037]
Allow landfilling operations to continue.
Bioreactor Landfill Cell #9 [ID: 2038]
Allow landfilling operations to continue.
Landfill Expansion Permitting - RF061 [ID: 1585]
Preparation for future operation
Landfill Fuel Station Pump Addition - RF060 [ID: 1995]
Daily use by route trucks once collections relocates to the site
Landfill Scale House Relocation & Rd Improv-RF077 [ID: 2095]
Improve vehicular safety and improve reliability of scale house by providing redundant inbound and outbound scales
LF Station Facility Improvements Phs2 - RF062 [ID: 2034]
Allow for fueling at vehicles during inclement weather.
Material Recovery Facility Expansion Phs 2 - RF074 [ID: 1551]
Expansion and modernization of facility for anticipated growth.
Oakland Gravel Rd Recycling Drop-Off Site - RF072 [ID: 2092]
Improve recycling drop-off service for the north-east side of Columbia
SW Recycling Drop-Off Site - RF071 [ID: 2091]
Improve recycling drop-off service for the west side of Columbia.
Vehicle Storage Shelters - RF064 [ID: 2035]
Covered parking & block heater outlets for collection vehicles.
Vehicle Wash Bay - RF065 [ID: 2033]
All SW Ops to routinely wash equipment & vehicles

D = Year being designed; C = Year construction will begin.

For projects planned beyond five years, please refer to the City's Capital Improvement Plan Document.

Storm Water

Annual and 5 Year Capital Projects

Funding Source	Proposed FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Future Cost	D	C
Storm Water								
1 Annual CAM Projects - SS114 [ID: 1611]								
Ent Rev	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$120,000		
Total	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$120,000		
2 Annual Downtown Tree Planters - SS115 [ID: 1621]								
Ent Rev	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$100,000		
Total	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$100,000		
3 Annual Projects - SS017 [ID: 839]								
Ent Rev	\$150,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,000,000		
Total	\$150,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,000,000		
4 Annual Property Acquisition - SS118 [ID: 1726]								
Ent Rev	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$200,000		
Total	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$200,000		
5 Alan Lane - SS144 [ID: 870] 2021 2024								
Ent Rev - 2015 Ballot	\$370,000							
Total	\$370,000							
6 Bernadette [ID: 2281] 2023 2024								
Ent Rev		\$150,000						
Total		\$150,000						
7 Braemore Drainage - SS152 [ID: 817] 2022 2024								
Ent Rev	\$30,000	\$270,000						
Total	\$30,000	\$270,000						
8 Bray/Longwell Drainage - SS148 [ID: 818] 2021 2022								
Ent Rev	\$50,000							
Total	\$50,000							
9 Calvert Drive - SS117 [ID: 1612] 2019 2023								
Ent Rev	\$470,000							
Total	\$470,000							
10 Capri Estates Drainage - SS145 [ID: 828] 2020 2023								
Ent Rev - 2015 Ballot	\$280,000							
Total	\$280,000							
11 Crestridge Drive Culvert Replacement - SS151 [ID: 2047] 2021 2024								
Ent Rev		\$285,000						
Total		\$285,000						
12 Nebraska Avenue-SS153 [ID: 1616] 2022 2024								
Ent Rev - 2015 Ballot	\$120,000	\$675,000						
Total	\$120,000	\$675,000						
13 Royal Lytham - Fallwood - SS090 [ID: 815] 2022 2024								
Ent Rev	\$50,000	\$150,000						
Total	\$50,000	\$150,000						

D = Year being designed; C = Year construction will begin.

For projects planned beyond five years, please refer to the City's Capital Improvement Plan Document.

Storm Water

Annual and 5 Year Capital Projects

Funding Source	Proposed FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Future Cost	D	C
Storm Water								
14 Sexton/McBaine Drainage - SS154 [ID: 825]							2022	2024
Ent Rev	\$50,000	\$230,000						
Total	\$50,000	\$230,000						
15 Worley Again East Phase I - SS155 [ID: 1629]							2023	2024
Ent Rev - 2015 Ballot	\$60,000	\$240,000						
Total	\$60,000	\$240,000						
16 2302 Business 70 East [ID: 1372]							2024	2026
Ent Rev			\$200,000	\$300,000				
Total			\$200,000	\$300,000				
17 Greenwood Stewart Phase 2 SS156 [ID: 1615]							2022	2025
Ent Rev	\$200,000		\$670,000					
Total	\$200,000		\$670,000					
18 Rollins/Cowan/Ridge Drainage [ID: 872]							2025	2026
Ent Rev				\$170,000				
Total				\$170,000				
19 Sexton Road at Jackson [ID: 824]							2023	2025
Ent Rev		\$50,000	\$300,000					
Total		\$50,000	\$300,000					
20 Vandiver/Sylvan Storm Drainage-SS157 [ID: 826]							2022	2025
Ent Rev - 2015 Ballot	\$340,000		\$425,000					
Total	\$340,000		\$425,000					
21 West Worley Storm System Replacement - SS119 [ID: 1882]							2024	2026
Ent Rev			\$30,000	\$200,000				
Total			\$30,000	\$200,000				
22 Bourn Avenue [ID: 1623]							2025	2027
Ent Rev				\$650,000				
Total				\$650,000				
23 Hickman to Wilkes Stormwater [ID: 2286]							2026	2028
Ent Rev					\$50,000	\$250,000		
Total					\$50,000	\$250,000		
24 Hinkson Avenue [ID: 1206]							2025	2027
Ent Rev				\$300,000				
Total				\$300,000				
25 Lakshire Estates Lake Modification [ID: 1622]							2026	2028
Ent Rev					\$150,000			
Total					\$150,000			
26 Leawood Subdivision [ID: 1627]							2025	2028
Ent Rev				\$200,000		\$1,575,000		
Total				\$200,000		\$1,575,000		

D = Year being designed; C = Year construction will begin.

For projects planned beyond five years, please refer to the City's Capital Improvement Plan Document.

Storm Water

Annual and 5 Year Capital Projects

Funding Source	Proposed FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Future Cost	D	C
Storm Water								
27 Mary Jane Jamesdale [ID: 1619]							2026	2028
Ent Rev					\$150,000			
Total					\$150,000			
28 Mill Creek Phase 3 - SS111 [ID: 1620]							2026	2028
Ent Rev					\$210,000			
Total					\$210,000			
29 Parkade Blvd and Plaza [ID: 1630]							2026	2029
Ent Rev					\$100,000	\$250,000		
Total					\$100,000	\$250,000		
30 Pine Drive [ID: 2285]							2026	2027
Ent Rev					\$150,000			
Total					\$150,000			

Storm Water Funding Source Summary

Ent Rev	\$1,105,000	\$1,490,000	\$1,555,000	\$2,175,000	\$1,165,000	\$3,495,000
Ent Rev - 2015 Ballot	\$1,170,000	\$915,000	\$425,000			
New Funding	\$2,275,000	\$2,405,000	\$1,980,000	\$2,175,000	\$1,165,000	\$3,495,000
Total	\$2,275,000	\$2,405,000	\$1,980,000	\$2,175,000	\$1,165,000	\$3,495,000

Storm Water Current Capital Projects

1	Aldeah & Ash Storm Pipe Rehab - SS123 [ID: 1868]	2018	2021
2	CAM - Forum Nature Area - SS113 [ID: 1811]	2013	2014
3	Capri Drive - SS149 [ID: 873]	2021	2023
4	FY19 Storm Water Rehabilitation Project SS146 [ID: 2165]	2019	2020
5	Garth @ Oak Tower SS110 [ID: 819]	2017	2021
6	Greenwood South - SS140 [ID: 1631]	2018	2021
7	Hickman & 6th & 7th - SS134 [ID: 1618]	2020	2022
8	Leslie Lane Storm water Improvements [ID: 2225]	2020	2021
9	Mill Creek - 307 W Alhambra - SS136 [ID: 2008]	2017	2020
10	Quail Drive - SS143 [ID: 821]	2019	2021
11	Ross Drainage - SS150 [ID: 2260]	2020	2020

Storm Water Impact of Capital Projects

2302 Business 70 East [ID: 1372]
Reduce regular maintenance issues concerning sinkholes, failing pipes and inlets.
Alan Lane - SS144 [ID: 870]
Reduce regular maintenance issues concerning sinkholes, failing pipes and inlets.
Aldeah & Ash Storm Pipe Rehab - SS123 [ID: 1868]
Upgrade failing infrastructure. Reduce occurrence of sinkholes.
Bernadette [ID: 2281]
Minimal impact to Storm water operations

D = Year being designed; C = Year construction will begin.

For projects planned beyond five years, please refer to the City's Capital Improvement Plan Document.

Funding Source	Proposed FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Future Cost	D	C
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Storm Water Impact of Capital Projects

Storm Water

Bourn Avenue [ID: 1623]

Reduction in traditional structural maintenance. Increase in regular landscape or cleaning maintenance if water quality improvements are installed.

Braemore Drainage - SS152 [ID: 817]

Reduce street flooding frequency and traditional structural maintenance. Increase in regular landscape or cleaning maintenance if water quality improvements are installed.

Bray/Longwell Drainage - SS148 [ID: 818]

Reduce maintenance calls and flooding issues.

Calvert Drive - SS117 [ID: 1612]

Increase in regular landscape or cleaning maintenance for water quality improvements installations.

Capri Drive - SS149 [ID: 873]

Reduce regular maintenance issues concerning sinkholes, failing pipes and inlets. Water quality improvements will require maintenance.

Capri Estates Drainage - SS145 [ID: 828]

Reduce regular maintenance issues concerning sinkholes, failing pipes and inlets. Increase in regular landscape or cleaning maintenance if water quality improvements are installed.

Crestridge Drive Culvert Replacement - SS151 [ID: 2047]

Reduce street flooding and maintenance calls.

East Downtown [ID: 1613]

Reduce regular maintenance issues concerning sinkholes, failing pipes and inlets. Increase in regular landscape or cleaning maintenance if water quality improvements are installed.

Fredora - Greenwood [ID: 2287]

None to minimal.

FY19 Storm Water Rehabilitation Project SS146 [ID: 2165]

Upgrade failing infrastructure. Reduce occurrence of sinkholes.

Garth @ Oak Tower SS110 [ID: 819]

Upgrade failing infrastructure.

Garth-Jewell [ID: 1617]

Upgrade failing infrastructure.

Grasslands-Brandon Drainage [ID: 830]

Reduce street flooding issue. Increase in regular landscape or cleaning maintenance if water quality improvements are installed.

Greenwood South - SS140 [ID: 1631]

Reduce flooding issues and regular maintenance issues concerning sinkholes, erosion, failing pipes and inlets.

Greenwood Stewart Phase 2 SS156 [ID: 1615]

Reduction in traditional structural maintenance. Increase in regular landscape or cleaning maintenance if water quality improvements are installed.

Hickman & 6th & 7th - SS134 [ID: 1618]

Reduce regular maintenance issues concerning sinkholes, failing pipes and inlets. Increase in regular landscape or cleaning maintenance if water quality improvements are installed.

Hickman to Wilkes Stormwater [ID: 2286]

None to minimal.

Hinkson Avenue [ID: 1206]

Reduction in traditional structural maintenance. Increase in regular landscape or cleaning maintenance if water quality improvements are installed.

Lakshire Estates Lake Modification [ID: 1622]

Will need to negotiate maintenance requirements with homeowners.

Leawood Subdivision [ID: 1627]

Improved system requires less regular cleaning, but there will be more to maintain. Maintenance activity for water quality improvements are unknown.

Leslie Lane Storm water Improvements [ID: 2225]

Upgrade failing infrastructure.

Martinshire Drive [ID: 820]

Reduce flooding issues. Increase in regular landscape or cleaning maintenance if water quality improvements are installed.

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For projects planned beyond five years, please refer to the City's Capital Improvement Plan Document.

Funding Source	Proposed FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Future Cost	D	C
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Storm Water Impact of Capital Projects

Storm Water

Mary Jane Jamesdale [ID: 1619]

Reduction in street flooding and traditional structural maintenance. Increase in regular landscape or cleaning maintenance if water quality improvements are installed.

Mill Creek Detention Retrofits [ID: 1625]

Will require maintenance agreement with homeowners association so they will maintain.

Mill Creek Phase 3 - SS111 [ID: 1620]

Reduction in street flooding issues. Increase in regular landscape or cleaning maintenance if water quality improvements are installed.

Nebraska Avenue-SS153 [ID: 1616]

Reduce street flooding issues. Increase in regular landscape or cleaning maintenance if water quality improvements are installed.

Parkade Blvd and Plaza [ID: 1630]

Reduce regular maintenance issues concerning sinkholes, failing pipes and inlets. Increase in regular landscape or cleaning maintenance if water quality improvements are installed.

Pear Tree Circle Storm Drainage [ID: 834]

Reduce flooding issues. Increase to numbers of structures and pipes to be maintained.

Pine Drive [ID: 2285]

None to minimal.

Quail Drive - SS143 [ID: 821]

Reduce flooding issues and regular maintenance issues concerning sinkholes, failing pipes and inlets. Increase in regular landscape or cleaning maintenance if water quality improvements are installed.

Rangeline Street Smith Street [ID: 1478]

Reduction in maintenance. Less labor, materials and equipment costs to repair previously inadequate facilities.

Rockingham - E. Briarwood [ID: 1626]

Reduce regular maintenance issues concerning sinkholes, failing pipes and inlets. Increase in regular landscape or cleaning maintenance if water quality improvements are installed.

Rollins/Cowan/Ridge Drainage [ID: 872]

Reduction in flooding issues and traditional structural maintenance.

Ross Drainage - SS150 [ID: 2260]

replacing failing infrastructure

Royal Lytham - Fallwood - SS090 [ID: 815]

Reduction in flooding issues and maintenance calls. Increase in regular landscape or cleaning maintenance if water quality improvements are installed.

Sappington Drainage [ID: 823]

Reduce flooding issues regular maintenance issues concerning sinkholes, failing pipes and inlets.

Seventh and Locust [ID: 1374]

Reduction in street flooding issues and street maintenance. Increase in regular landscape or cleaning maintenance if water quality improvements are installed.

Sexton Road at Jackson [ID: 824]

Reduction street flooding issues and traditional structural maintenance.

Sexton/McBaine Drainage - SS154 [ID: 825]

Reduction in street flooding issues.

Stewart Park Drainage [ID: 835]

Reduce flooding and erosion issues. Increase in regular landscape or cleaning maintenance if water quality improvements are installed.

Vandiver/Sylvan Storm Drainage-SS157 [ID: 826]

Reduction in traditional structural maintenance. Increase in regular landscape or cleaning maintenance if water quality improvements are installed.

Wayne Road [ID: 837]

Reduce regular maintenance issues concerning sinkholes, failing pipes and inlets.

West Worley Storm System Replacement - SS119 [ID: 1882]

Reduce potential for pavement failure.

Woodland-Northridge Drainage [ID: 838]

Reduce flooding and regular maintenance issues concerning sinkholes, failing pipes and inlets. Increase in regular landscape or cleaning maintenance if water quality improvements are installed.

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For projects planned beyond five years, please refer to the City's Capital Improvement Plan Document.

Storm Water

Annual and 5 Year Capital Projects

Funding Source	Proposed FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Future Cost	D	C
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Storm Water Impact of Capital Projects

Storm Water

Worley Again East Phase I - SS155 [ID: 1629]

Increase in regular landscape or cleaning maintenance if water quality improvements are installed.

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