Capital Improvement Plan FY 2020

18-ft deep brick manhole at the intersection of Grand Ave and Gulick Ave

City of Decatur, Illinois

Prepared By: Department of Public Works

December 2019

FUND 42	City of Decatur Capital Improvement Plan FY 2020 to FY 2024 Local Streets Fund										
Line	ORG	Object Code	Infrastructure Element	Description	TYPE	EST FY 2019	2020 Budget	FY 2021	FY 2022	FY 2023	FY 2024
1	4248420		Revenue	Beginning Fund Balance (Note 2)	Balance	$2,494,146	$1,998,518	$1,108,613	$1,108,708	$1,108,803	$958,898
2	4248420	302103	Revenue	Local MFT Tax	Revenue	$1,916,233	$1,956,488	$1,956,488	$1,956,488	$1,956,488	$1,956,488
3	4248420		Revenue	Interest Income	Revenue	$40	$40	$40	$40	$40	$40
4	4248420		Revenue	Investement Income	Revenue						
5	4248420	309900	Revenue	Note Proceeds	Revenue	$267,308	$0	$0	$0	$0	$0
6	4248420		Revenue	Miscellaneous Income	Revenue	$0	$0	$0	$0	$0	$0
7	Interest income is calculated at the rate of:		0.010	Total Capital Fund Balance and Revenues =		$4,677,727	$3,955,046	$3,065,141	$3,065,236	$3,065,331	$2,915,426
8											
9	ORG	Object Code	Infrastructure Element	Summary of Expenses by Infrastructure Type		EST FY 2019	2020 Budget	FY 2021	FY 2022	FY 2023	FY 2024
10	42484212	428000	Operations	Professional Services	Operations	$29,988	$10,000	$10,000	$10,000	$10,000	$10,000
11	42484212	440900	Operations	Principal Payments (See Note 1)	Operations	$1,071,429	$1,071,429	$1,071,429	$1,071,429	$1,071,429	$0
12	42484212	441000	Operations	Interest Payments	Operations	$90,000	$120,000	$120,000	$120,000	$120,000	$0
13	42484212	441505	Operations	General Fund - Public Works	Operations	$417	$5,004	$5,004	$5,004	$5,004	$5,004
14	42484212	447200	Operations	Note Issuance Costs	Operations	$0	$0	$0	$0	$0	$0
15				Subtotal of Operation Expenses =		$1,191,834	$1,206,433	$1,206,433	$1,206,433	$1,206,433	$15,004
16	42484206	489070		Local Street Improvement Projects =		$1,487,375	$1,640,000	$750,000	$750,000	$900,000	$1,900,000
17				Subtotal of Capital Projects =		$1,487,375	$1,640,000	$750,000	$750,000	$900,000	$1,900,000
18				Grand Total of Operation and Capital Project Expenses =		$2,679,209	$2,846,433	$1,956,433	$1,956,433	$2,106,433	$1,915,004
19				Ending Balance =		$1,998,518	$1,108,613	$1,108,708	$1,108,803	$958,898	$1,000,422

Funded Local Motor Fuel Tax Projects

Line	ORG	Object Code	Infrastructure Element	Project Number	Project Detail Description	Type	EST FY 2019	2020 Budget	FY 2021	FY 2022	FY 2023	FY 2024
1	42484206	489070	Streets	16-25	Street Projects	Project	$1,465,752	$1,640,000	$750,000	$750,000	$900,000	$1,900,000
2	42484206	489070	Streets	12-22	Nelson Park Storm Sewer Separation-Sidewalks	Project	$21,623	$0	$0	$0	$0	$0
3					TOTAL =		$1,487,375	$1,640,000	$750,000	$750,000	$900,000	$1,900,000

Note 1: The loan repayment is $1,071,429.

Note 2: The City is to maintain a balance of 1 full debt payment in the fund, approximately $1,100,000.

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	Professional Services	Organization Number:	78487802
Department or Organization:	Public Works	Object Number:	428000
Location:	N/A		
Purpose:	Payments for Professional Services attributed to the Stormwater System		
Description:	Payments for Professional Services attributed to the Stormwater System		
Relation to other Projects or Plans.			

Activity:	Type:	Infrastructure Element:			Priority:	Comments:
☐ Maintenance	☑ Continuing	☐ Streets	☐ Water	☐ Sidewalks & Trails	☑ Top	Use the space below to provide information on the project estimate and time frame.
☐ Improvement	☐ New	☐ Sanitary Sewer	☐ Traffic	☐ Econ. Develop.	☐ High	Please provide sufficient information to enable others to understand the basis of your estimate.
☑ Other	☐ Other	☑ Storm Sewer	☐ Bldgs & Grounds	☐ Other	☐ Medium	

Professional services generally cover various services provided for the Local Streets Fund mainly related to pavement designs and various engineering consultant fees.

The 2019 payments are for SKS to provide enginering assistance with the 2019 street project and AECOM to provide engineering assistance for the Mound Road West and Middle Bridge project.

Submitted By:	Matt Newell			Five Year Plan					Future Years			
Date:		Fiscal Year	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Item	Vendor	Percent Complete	Current Year Estimate	Budget Year Plan Year 1	Plan Year 2	Plan Year 3	Plan Year 4	Plan Year 5	Plan Year 6	Plan Year 7	Plan Year 8	Total Project Cost
		0%										$0
		0%										$0
Construction Assist	AECOM	100%	$14,488									$14,488
Construction Assist	SKS	100%	$15,000									$15,000
Miscellaneous		50%	$500									
Engineering Services		0%		$10,000	$10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$80,000
		0%										$0
		0%										$0
Total Project Costs			$29,988	$10,000	$10,000	$10,000	$10,000	$10,000	$10,000	$10,000	$10,000	$109,488

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	Annual Pavement Improvement Projects	Organization Number:	78487806
Department or Organization:	Public Works	Object Number:	489040
Location:	City wide		
Purpose:	Restore existing street pavements.		
Description:	Prepare and bid improvements to reconstruct or otherwise improve asphalt, concrete, or brick streets.		
Relation to other Projects or Plans.	Street Improvements		

Activity:	Type:	Infrastructure Element:			Priority:	Comments:
☑ Maintenance	☑ Continuing	☑ Streets	☐ Water	☐ Sidewalks & Trails	☐ Top	Use the space below to provide information on the project estimate and time frame.
☐ Improvement	☐ New	☐ Sanitary Sewer	☐ Traffic	☐ Econ. Develop.	☑ High	Please provide sufficient information to enable others to understand the basis of your estimate.
☐ Other	☐ Other	☐ Storm Sewer	☐ Bldgs & Grounds	☐ Other	☐ Medium	

Funds will be used to restore local streets by: milling and overay; reconstruction, micro-surfacing, etc.

On February 16, 2016, the City Council approved adding Chapter 51.4 to the City Code, establishing a Local Motor Fuel Tax that would be used to generate revenue for the construction and maintenance of municipal streets and extensions, sidewalk repairs and maintenance, curbs, grade separations and approaches along with engineering services related to those items.

On June 20, 2016, the City Council approved resolution R2016-78 which entered into a debt instrument to finance local street resurfacing and reconstruction work in an amount not to exceed $7,500,000. Construction funds are reduced pending the loan pay off which is expected to be completed in 2023.

Submitted By:	Matt Newell			Five Year Plan					Future Years			
Date:		Fiscal Year	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Item	Vendor	Percent Complete	Current Year Estimate	Budget Year Plan Year 1	Plan Year 2	Plan Year 3	Plan Year 4	Plan Year 5	Plan Year 6	Plan Year 7	Plan Year 8	Total Project Cost
Planning		0%										$0
Preliminary Design		0%										$0
Final Design		0%										$0
Legal		0%										$0
ROW & Easements		0%										$0
Construction 18-24	AC Pavement	100%	$84,678									$84,678
Construction 18-25	Dunn Co.	100%	$19,359									$19,359
Construction 18-26	Dunn Co.	100%	$61,715									$61,715
Construction 19-25	Dunn Co.	50%	$1,300,000	$140,000								$1,440,000
Construction Future		0%		$1,500,000	$750,000	$750,000	$900,000	$1,900,000	$1,900,000	$1,900,000	$1,900,000	$11,500,000
Total Project Costs			$1,465,752	$1,640,000	$750,000	$750,000	$900,000	$1,900,000	$1,900,000	$1,900,000	$1,900,000	$13,105,752

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	Nelson Park Storm Sewer Separation Project - Sidewalks	Organization Number:	78487806
Department or Organization:	Public Works	Object Number:	489040
Location:	Nelson Park		
Purpose:	Replace sections of sidewalk damaged by the Nelson Park Storm Sewer project		
Description:	Replace sidewalk sections and make ADA improvements where street work is occuring as part of the project.		
Relation to other Projects or Plans.	Nelson Park Storm Sewer Separation Project		

Activity:	Type:	Infrastructure Element:			Priority:	Comments:
☑ Maintenance	☑ Continuing	☑ Streets	☐ Water	☑ Sidewalks & Trails	☑ Top	Use the space below to provide information on the project estimate and time frame.
☐ Improvement	☐ New	☐ Sanitary Sewer	☐ Traffic	☐ Econ. Develop.	☐ High	Please provide sufficient information to enable others to understand the basis of your estimate.
☐ Other	☐ Other	☐ Storm Sewer	☐ Bldgs & Grounds	☐ Other	☐ Medium	

Funds will be used to replace the sidewalk sections damaged by the Nelson Park Storm Sewer project. This work was not approved by the IEPA for being loan eligible.

Submitted By:	Matt Newell			Five Year Plan					Future Years			
Date:		**Fiscal Year**	**FY 2019**	**FY 2020**	**FY 2021**	**FY 2022**	**FY 2023**	**FY 2024**	**FY 2025**	**FY 2026**	**FY 2027**	
Item	**Vendor**	**Percent Complete**	**Current Year Estimate**	**Budget Year Plan Year 1**	**Plan Year 2**	**Plan Year 3**	**Plan Year 4**	**Plan Year 5**	**Plan Year 6**	**Plan Year 7**	**Plan Year 8**	**Total Project Cost**
Planning		0%										$0
Preliminary Design		0%										$0
Final Design		0%										$0
Legal		0%										$0
ROW & Easements		0%										$0
Construction 16-26	Entler Excav.	100%	$21,623									$21,623
Construction Inspection		0%										$0
Const. Management		0%										$0
Misc. Supplies		0%										$0
Total Project Costs			$21,623	$0	$0	$0	$0	$0	$0	$0	$0	$21,623

FUND 46	City of Decatur Capital Improvements Plan FY 2020 to FY 2024 Motor Fuel Tax Fund										
Line	ORG	Object Code	Infrastructure Element	Description	TYPE	EST FY 2019	2020 Budget	FY 2021	FY 2022	FY 2023	FY 2024
1	4648460	300000	Revenue	Beginning Fund Balance	Balance	$1,388,590	$1,456,300	$937,089	$884,042	$800,662	$717,282
2	4648460	302103	Revenue	MFT TAX Income (Note 1)	Revenue	$2,327,625	$3,187,120	$3,187,120	$3,187,120	$3,187,120	$3,187,120
3	4648460	302103	Revenue	MFT Grant (Note 2)	Revenue	$0	$0	$0	$0	$0	$0
4	4648460	302122	Revenue	Maintenance Income from the County	Revenue	$1,500	$1,500	$1,500	$1,500	$1,500	$1,500
5	4648460	302123	Revenue	Maintenance Income from the State	Revenue	$80,000	$80,000	$80,000	$80,000	$80,000	$80,000
6	4648460	302123	Revenue	IDOT Traffic Signal Project Participation	Revenue	$0	$0	$0	$0	$0	$0
7	4648460	302123	Revenue	Illinois Competetive Freight Program Reimbursement BCR	Revenue	$3,337,462	$4,862,538	$0	$0	$0	$0
8	4648460	302123	Revenue	ICC Grade Crossing Protection Reimbursement BCR	Revenue	$1,191,278	$1,758,389	$50,333	$0	$0	$0
9	4648460	302123	Revenue	Illinois Jobs Now! Grant for BCR	Revenue	$1,736,174	$226,208	$0	$0	$0	$0
10	4648460	302123	Revenue	Reimbursement for Micro-Surfacing Contract (Note 3)	Revenue	$0	$0	$0	$0	$0	$0
11	4648460	307101	Revenue	Interest Income	Revenue	$20,000	$8,000	$8,000	$8,000	$8,000	$8,000
12	4648460	308899	Revenue	Misc. Income	Revenue	$0	$0	$0	$0	$0	$0
13											
14			Inflation Factor =	0.020	Total Capital Fund Balance and Revenues =	$10,082,629	$11,580,055	$4,264,042	$4,160,662	$4,077,282	$3,993,902
15											
16	ORG	Object Code	Infrastructure Element	Summary of Expenses by Infrastructure Type		EST FY 2019	2020 Budget	FY 2021	FY 2022	FY 2023	FY 2024
17	46484602	441500	Operations	Transfer to General Fund	Operations	$523,000	$550,000	$550,000	$550,000	$550,000	$550,000
18	46484602	423901	Operations	Road Salt Purchase	Operations	$112,000	$158,000	$120,000	$120,000	$120,000	$120,000
19				Subtotal of Operation Expenses =		$635,000	$708,000	$670,000	$670,000	$670,000	$670,000
20	46484606	489000	BGG	Buildings Grounds and General Improvements	BGG	$0	$0	$0	$0	$0	$0
21	46484606	489010	Lights	Street Light Projects (Not part of larger projects)	Lights	$0	$0	$0	$0	$0	$0
22	46484606	489020	Parking	Parking Improvement Projects	Parking	$0	$0	$0	$0	$0	$0
23	46484606	489030	Sanitary	Sanitary Sewer Improvement Projects	Sanitary	$0	$0	$0	$0	$0	$0
24	46484606	489040	Storm	Storm Drainage Improvement Projects	Storm	$0	$0	$0	$0	$0	$0
25	46484606	489050	Bridges	Bridge Improvement Projects	Bridges	$7,495,865	$8,813,166	$1,840,000	$2,200,000	$850,000	$762,500
26	46484606	489060	Sidewalks	Sidewalk Projects (Not part of larger projects.)	Sidewalks	$0	$0	$0	$0	$0	$0
27	46484606	489070	Streets	Street Resurfacing, Rehabilitation or Improvements	Streets	$440,000	$710,000	$870,000	$490,000	$1,840,000	$1,910,000
28	46484606	489080	Signals	Traffic Signal Projects (Not part of larger Projects)	Signals	$0	$411,800	$0	$0	$0	$0
29				Subtotal of Capital Projects =		$7,935,865	$9,934,966	$2,710,000	$2,690,000	$2,690,000	$2,672,500
30				Grand Total of Operation and Capital Project Expenses =		$8,570,865	$10,642,966	$3,380,000	$3,360,000	$3,360,000	$3,342,500
31				Ending Balance =		$1,511,764	$937,089	$884,042	$800,662	$717,282	$651,402
32	Notes:	Note 1: With the 2019 State MFT increase, the City is to receive a State MFT increase of 68% (approximatly $1.3 million/year increase) beginning in August 2019.									
33		Note 2: With the 2019 State MFT increase, the State intends to provide the City with $5.85 million total, in 3 installments. The installement dates and amounts are unknown at this time.									
34		Note 3: This is reimbursement for the multi-jurisdiction micro surfacing contract. Payments are from Macon County, Hickory Point Township, Mt. Zion, Long Creek Township, and the Village of Long Creek.									

FUNDED MOTOR FUEL TAX PROJECTS

Line	ORG	New Object Code	Infrastructure Element	Project Number	Project Detail Description	Type	EST FY 2019	2020 Budget	FY 2021	FY 2022	FY 2023	FY 2024
1	46484606	489050	Bridges	09-33	BRUSH COLLEGE GRADE SEPARATION	Project	$7,010,865	$7,904,166	$1,500,000	$1,200,000	$0	$0
2	46484606	489050	Bridges	18-05	TAYLOR/WARD BRANCH BRIDGE IMPROVEMENT	Project	$110,000	$139,000	$100,000	$0	$0	$0
3	46484606	489050	Bridges		CENTER STREET BRIDGE REPLACEMENT	Project	$50,000	$200,000	$140,000	$100,000	$0	$0
4	46484606	489050	Bridges		GARFIELD/22ND BRIDGE IMPROVEMENT	Project	$0	$40,000	$100,000	$800,000	$0	$22,500
5	46484606	489080	Bridges		GROVE ROAD/SAND CREEK BRIDGE IMPROVEMENT	Project	$20,000	$10,000	$0	$50,000	$500,000	$300,000
6	46484606	489050	Bridges		MEADOWLARK BRIDGE REPLACEMENT	Project	$0	$0	$0	$50,000	$300,000	$0
7	46484606	489050	Bridges		COUNTRY CLUB/LAKE DECATUR BRIDGE IMPROV.	Project	$0	$0	$0	$0	$50,000	$400,000
8	46484606	489050	Bridges		GARFIELD/CNRR BRIDGE GIRDER REPAIRS	Project	$0	$10,000	$0	$0	$0	$40,000
9	46484606	489080	Bridges		BRIDGE INSPECTIONS	Project	$0	$20,000	$0	$0	$0	$0
10	46484606	489050	Bridges	17-06	MND RD/SPRG CR WEST & MIDDLE BRIDGES	Project	$275,000	$200,000	$0	$0	$0	$0
11	46484606	489050	Bridges		MOUND ROAD / STEVENS CREEK BRIDGE	Project	$30,000	$150,000	$0	$0	$0	$0
12	46484606	489080	Bridges		WEST MAIN BRIDGE REPAIR	Project	$0	$140,000	$0	$0	$0	$0
13	46484606	489070	Streets		RAILROAD CROSSING IMPROVEMENTS	Project	$0	$20,000	$20,000	$20,000	$20,000	$20,000
14	46484606	489070	Streets	17-08	STREET SURFACE RESTORATION	Project	$400,000	$650,000	$750,000	$400,000	$1,750,000	$1,850,000
15	46484606	489070	Streets		MATERIALS FOR STREET REPAIRS	Project	$40,000	$40,000	$40,000	$40,000	$40,000	$40,000
16	46484606	489070	Streets	16-27	ANNUAL GUARDRAIL REPLACEMENT PROJECT	Project	$0	$0	$60,000	$30,000	$30,000	$0
17	46484606	489080	Signals		ELDORADO TRAFFIC SIGNAL REPLACEMENT (IDOT)	Project	$0	$61,800	$0	$0	$0	$0
18	46484606	489080	Signals		ROUTE 36 TRAFFIC SIGNAL IMPROVEMENTS (IDOT)	Project	$0	$300,000	$0	$0	$0	$0
19	46484606	489080	Signals		TRAFFIC SIGNAL MAINTENANCE	Project	$0	$50,000	$0	$0	$0	$0
20					TOTAL MFT PROJECTS		$7,935,865	$9,934,966	$2,710,000	$2,690,000	$2,690,000	$2,672,500

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	Road Salt Purchase	Organization Number:	46484602
Department or Organization:	Public Works	Object Number:	435800
Location:	City		
Purpose:	Use Motor Fuel Tax funds to purchase road salt for City winter street maintenance		
Description:	Purchase Road Salt		
Relation to other Projects or Plans.	Street and bridge operations.		

Activity:
- ☑ Maintenance
- ☐ Improvement
- ☐ Other

Type:
- ☐ Continuing
- ☑ New
- ☐ Other

Infrastructure Element:
- ☑ Streets
- ☐ Water
- ☐ Sidewalks & Trails
- ☐ Sanitary Sewer
- ☐ Traffic
- ☐ Econ. Develop.
- ☐ Storm Sewer
- ☐ Bldgs & Grounds
- ☐ Other

Priority:
- ☑ Top
- ☐ High
- ☐ Medium

Comments:
Use the space below to provide information on the project estimate and time frame.
Please provide sufficient information to enable others to understand the basis of your estimate.

Allocate Motor Fuel Tax funds to purchase road salt for winter road maintenance. It is the City's intent to end every snow season with a full salt dome in preparation for the upcoming season.

Submitted By:	Matt Newell			Five Year Plan					Future Years			
Date:		**Fiscal Year**	**FY 2019**	**FY 2020**	**FY 2021**	**FY 2022**	**FY 2023**	**FY 2024**	**FY 2025**	**FY 2026**	**FY 2027**	
Item	**Vendor**	**Percent Complete**	**Current Year Estimate**	**Budget Year Plan Year 1**	**Plan Year 2**	**Plan Year 3**	**Plan Year 4**	**Plan Year 5**	**Plan Year 6**	**Plan Year 7**	**Plan Year 8**	**Total Project Cost**
		0%										$0
Road Salt Purchase	Compass Min.	0%	$100,858	$160,000	$100,000	$100,000	$100,000	$100,000	$100,000	$100,000	$100,000	$960,858
		0%										$0
		0%										$0
		0%										$0
		0%										$0
		0%										$0
		0%										$0
		0%										$0
		0%										$0
Total Project Costs			$100,858	$160,000	$100,000	$100,000	$100,000	$100,000	$100,000	$100,000	$100,000	$960,858

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	Brush College Road -Faries Parkway Grade Separation	Organization Number:	45484516
Department or Organization:	Public Works	Object Number:	489050
Location:	Brush College Road - Faries Parkway		
Purpose:	Reduce delay and increase safety.		
Description:	Install a grade separation bridge for Brush College Road over Faries Parkway and the NSRR crossing		
Relation to other Projects or Plans.	Brush College Road		

Activity: ☑ Maintenance ☐ Improvement ☐ Other

Type: ☐ Continuing ☑ New ☐ Other

Infrastructure Element: ☑ Streets ☐ Water ☐ Sidewalks & Trails ☐ Sanitary Sewer ☐ Traffic ☐ Econ. Develop. ☐ Storm Sewer ☐ Bldgs & Grounds ☐ Other

Priority: ☑ Top ☐ High ☐ Medium

Comments:
Use the space below to provide information on the project estimate and time frame.
Please provide sufficient information to enable others to understand the basis of your estimate.

On June 5, 2018, the City received notice of the award of a $25 million grant through the Illinois Competetive Freight Program for the Brush College Road / Faries Parkway Grade Separation Project. In 2017, the City received notice from the Illiniois Commerce Commission of $12 million being earmarked for this grade separation.

On October 1, 2018, the City Council approved a $3,349,667 agreement with AECOM to complete the final design for the grade separation. A Joint Agreement was passed by the City Council on October 1, 2018, authorizing $2.4 million in Freight Program funds for engineering. Council also approved $0.6 million in State MFT funds. The $349,667 balance is to be paid by the ICC funds once they are released to the City.

On August 19, 2019, the City Council approved a $5,985,000 agreement with the State of Illinois to pay for $3,984,067.65 to relocate the Ameren substation and $2,000,000 to purchase ROW. The City's portion of that is estimated to be $2,385,000 and is proposed to be paid from State MFT funds. This represents about a 50-50 split on the utility costs, and 80-20 split on the ROW purchase. It is anticipated that the ICC will reimburse the City its costs for utility adjustment, $1,985,000.

Construction is proposed for 2021.

Submitted By:	Matt Newell			Five Year Plan					Future Years			
Date:		**Fiscal Year**	**FY 2019**	**FY 2020**	**FY 2021**	**FY 2022**	**FY 2023**	**FY 2024**	**FY 2025**	**FY 2026**	**FY 2027**	
Item	**Vendor**	**Percent Complete**	**Current Year Estimate**	**Budget Year Plan Year 1**	**Plan Year 2**	**Plan Year 3**	**Plan Year 4**	**Plan Year 5**	**Plan Year 6**	**Plan Year 7**	**Plan Year 8**	**Total Project Cost**
Preliminary Design		0%										$0
Final Design	AECOM	0%	$1,261,458	$2,088,209								$3,349,667
Utility Relocation	AMEREN	0%	$2,008,233	$2,809,749								$4,817,982
ROW Services	CMT	0%	$237,846	$226,208								$464,054
ROW & Easements		0%	$3,498,328	$2,750,000								$6,248,328
Construction		0%			$1,000,000	$1,000,000						$2,000,000
Const. Engineering	AECOM	0%			$500,000	$200,000						$700,000
Railroad Design Costs		0%	$5,000	$30,000								$35,000
Total Project Costs			$7,010,865	$7,904,166	$1,500,000	$1,200,000	$0	$0	$0	$0	$0	$17,615,031

Brush College Road Summary of Revenue and Expenses

Date: 8/15/2019	Fiscal Year	Approved Funding Amounts	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	Total
Revenue	**Source**										
Beginning Balance =				$0	$0	$0	$0	$0	$0	$0	
Freight Program Grant =	Federal	$25,000,000	$0	$3,337,462	$4,862,538	$0	$0	$0	$0	$0	$8,200,000
Illinois Commerce Commission =	State	$12,000,000	$0	$1,191,278	$1,758,389	$50,333	$0	$0	$0	$0	$3,000,000
Illinois Jobs Now! =	State	$2,006,014	$43,632	$1,736,174	$226,208	$0	$0	$0	$0	$0	$2,006,014
Norfolk Southern Railroad =	Private	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Private Contribution =	Private	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Macon County Funds =	County	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
City of Decatur Funds =	City	$740,951	$0	$740,951	$1,037,031	$1,458,263	$1,200,000	$0	$0	$0	$4,436,245
Revenue Total =		$39,746,965	$43,632	$7,005,865	$7,884,166	$1,508,596	$1,200,000	$0	$0	$0	$17,642,259
Expenses	**Vendor**	**Approved Funding Amounts**	**FY 18**	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**FY 25**	**Total**
Final Design =	AECOM	$3,349,667	$0	$1,261,458	$2,088,209	$0	$0	$0	$0	$0	$3,349,667
Land Acquisition Expenses =	CMT	$507,686	$43,632	$237,846	$226,208	$0	$0	$0	$0	$0	$507,686
Land Purchase =	Owners	$5,898,328	$0	$3,498,328	$2,750,000	$0	$0	$0	$0	$0	$6,248,328
Utility Relocation =	Ameren	$4,818,000	$0	$2,008,233	$2,809,749	$0	$0	$0	$0	$0	$4,817,982
Construction =	Contractor	$2,000,000	$0	$0	$0	$1,000,000	$1,000,000	$0	$0	$0	$2,000,000
Construction Engineering =	Consultant	$1,000,000	$0	$0	$0	$500,000	$200,000	$0	$0	$0	$700,000
Railroad Engineering =	NS	$18,596	$0		$10,000	$8,596	$0	$0	$0	$0	$18,596
Expenses Total =		$17,592,277	$43,632	$7,005,865	$7,884,166	$1,508,596	$1,200,000	$0	$0	$0	$17,642,259
Ending Balance =		$22,154,688	$0	$0	$0	$0	$0	$0	$0	$0	

Expenses By Activity	Vendor	Freight Funds	ICC	Illinois Jobs Now!	NSRR	City	Total
Final Design =	AECOM	$2,400,000	$949,667			$0	$3,349,667
Land Acquisition Expenses (See IJN) =	CMT			$507,686		$0	$507,686
Land Purchase =	Owners	$3,800,000		$1,498,328		$600,000	$5,898,328
Utility Relocation =	Ameren	$2,000,000	$2,000,000			$818,000	$4,818,000
Construction =	Contractor					$2,000,000	$2,000,000
Construction Engineering =	Consultant		$50,333			$649,667	$700,000
Railroad Engineering =	NS					$18,596	$18,596
Expenses Total =		$8,200,000	$3,000,000	$2,006,014	$0	$4,086,263	$17,292,277

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	Taylor Road Bridge over Ward Branch	Organization Number:	45484516
Department or Organization:	Public Works	Object Number:	489050
Location:	Taylor Road South of Rock Springs Road		
Purpose:	Maintain the structural integrity of the bridge.		
Description:	Replace the bridge.		
Relation to other Projects or Plans.			

Activity:	Type:	Infrastructure Element:			Priority:	Comments:
☑ Maintenance	☐ Continuing	☑ Streets	☐ Water	☑ Sidewalks & Trails	☑ Top	Use the space below to provide information on the project estimate and time frame.
☐ Improvement	☑ New	☐ Sanitary Sewer	☐ Traffic	☐ Econ. Develop.	☐ High	Please provide sufficient information to enable others to understand the basis of your estimate.
☐ Other	☐ Other	☐ Storm Sewer	☐ Bldgs & Grounds	☐ Other	☐ Medium	

An agreement was entered into with AECOM on October 3, 2016, to inspect and complete an initial condition report on the Garfield/CNIC Bridge, Garfield/22nd, Taylor Road, Country Club, Mound/Spring Creek West, Mound/Spring Creek Middle.

A Bridge Condition Report was prepared by AECOM dated September 2017. The report recommended that the bridge be replaced at an estimated cost of $900,000.

$800,000 in STU funding has been approved through the DUATS program to fund 80% of the cost to replace this bridge. In June, 2018, the City entered into a $230,825.74 agreement with WHKS to perform a design to replace the Taylor Road bridge and make repairs to the West Main bridge.

Construction is proposed for 2020.

Submitted By:	Matt Newell			Five Year Plan					Future Years			
Date:		**Fiscal Year**	**FY 2019**	**FY 2020**	**FY 2021**	**FY 2022**	**FY 2023**	**FY 2024**	**FY 2025**	**FY 2026**	**FY 2027**	
Item	**Vendor**	**Percent Complete**	**Current Year Estimate**	**Budget Year Plan Year 1**	**Plan Year 2**	**Plan Year 3**	**Plan Year 4**	**Plan Year 5**	**Plan Year 6**	**Plan Year 7**	**Plan Year 8**	**Total Project Cost**
Inspections	AECOM	0%										$0
Preliminary Design		0%										$0
Final Design		0%	$110,000	$39,000								$149,000
Legal		0%										$0
ROW & Easements		0%										$0
Construction		0%		$100,000	$100,000							$200,000
Const. Engineering	City Staff	0%										$0
Project Management	City Staff	0%										$0
Misc. Supplies		0%										$0
Total Project Costs			$110,000	$139,000	$100,000	$0	$0	$0	$0	$0	$0	$349,000

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	Center Street Bridge Replacement	Organization Number:	46484606
Department or Organization:	Public Works	Object Number:	489050
Location:	Center Street over Stevens Creek		
Purpose:	Current Bridge has a structural rating of 3 and needs to be replaced		
Description:	Design and complete a bridge replacement		
Relation to other Projects or Plans.	Downtown streetscape.		

Activity:
- ☐ Maintenance
- ☑ Improvement
- ☐ Other

Type:
- ☐ Continuing
- ☑ New
- ☐ Other

Infrastructure Element:
- ☑ Streets
- ☐ Water
- ☐ Sidewalks & Trails
- ☐ Sanitary Sewer
- ☐ Traffic
- ☐ Econ. Develop.
- ☐ Storm Sewer
- ☐ Bldgs & Grounds
- ☐ Other

Priority:
- ☑ Top
- ☐ High
- ☐ Medium

Comments:
Use the space below to provide information on the project estimate and time frame.
Please provide sufficient information to enable others to understand the basis of your estimate.

Annual NBIS bridge inspections rate this bridge structure at 3. Prestressing beams are exposed at many locations. The bridge is currently posted with a weight restriction and more frequent inspections.

An engieering services agreement will be proposed for late 2019.

It is proposed that STU funding be secured to cover 80% of the cost to replace this bridge. The initial estimate is $1.2 million, 80% STU funding is proposed at $960,000, City MFT funding at $240,000. STU funding approval has not yet been received.

Construction is proposed for 2021.

Submitted By:	Matt Newell			Five Year Plan					Future Years			
Date:		Fiscal Year	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Item	**Vendor**	**Percent Complete**	**Current Year Estimate**	**Plan Year 1**	**Plan Year 2**	**Plan Year 3**	**Plan Year 4**	**Plan Year 5**	**Plan Year 6**	**Plan Year 7**	**Plan Year 8**	**Total Project Cost**
Planning		0%										$0
Preliminary Design	Consultant	0%										$0
Final Design		0%	$50,000	$200,000								$250,000
Legal		0%										$0
ROW & Easements		0%										$0
Construction		0%			$140,000	$100,000						$240,000
Const. Engineering		0%										$0
Project Management		0%										$0
Misc. Supplies		0%										$0
Total Project Costs			$50,000	$200,000	$140,000	$100,000	$0	$0	$0	$0	$0	$490,000

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	Garfield Bridge over 22nd Street	Organization Number:	45484516
Department or Organization:	Public Works	Object Number:	489050
Location:	Garfield Bridge over 22nd Street		
Purpose:	Perform needed structural repairs. Inspect pin and link system on bridge substructure.		
Description:	Repair the joints, concrete deck and deteriorated beams. Perform ultra sonic inspection of pin and link assemblies every 4 years.		
Relation to other Projects or Plans.			

Activity:	Type:	Infrastructure Element:			Priority:	Comments:
☑ Maintenance	☐ Continuing	☑ Streets	☐ Water	☑ Sidewalks & Trails	☑ Top	Use the space below to provide information on the project estimate and time frame.
☐ Improvement	☑ New	☐ Sanitary Sewer	☐ Traffic	☐ Econ. Develop.	☐ High	Please provide sufficient information to enable others to understand the basis of your estimate.
☐ Other	☐ Other	☐ Storm Sewer	☐ Bldgs & Grounds	☐ Other	☐ Medium	

The last ultra sonic inspection of this bridge was performed in 2016 by AECOM. Ultra sonic inspections should be completed every four years. The next inspections are planned for 2020 and 2024.

An agreement was entered into with AECOM on October 3, 2016, to inspect and complete an initial condition report on the Garfield/CNIC Bridge, Garfield/22nd, Taylor Road, Country Club, Mound/Spring Creek West, Mound/Spring Creek Middle.

A Bridge Condition Report was prepared by AECOM dated February 2017. The report recommended $710,000 in repairs.

Submitted By:	Matt Newell			Five Year Plan					Future Years			
Date:		**Fiscal Year**	**FY 2019**	**FY 2020**	**FY 2021**	**FY 2022**	**FY 2023**	**FY 2024**	**FY 2025**	**FY 2026**	**FY 2027**	
Item	**Vendor**	**Percent Complete**	**Current Year Estimate**	**Budget Year Plan Year 1**	**Plan Year 2**	**Plan Year 3**	**Plan Year 4**	**Plan Year 5**	**Plan Year 6**	**Plan Year 7**	**Plan Year 8**	**Total Project Cost**
Inspections		0%		$20,000				$22,500				$42,500
Preliminary Design		0%										$0
Final Design		0%		$20,000	$100,000							$120,000
Legal		0%										$0
ROW & Easements		0%										$0
Construction		0%				$800,000						$800,000
Const. Engineering	City Staff	0%										$0
Project Management	City Staff	0%										$0
Misc. Supplies		0%										$0
Total Project Costs			$0	$40,000	$100,000	$800,000	$0	$22,500	$0	$0	$0	$962,500

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	Grove Road / Sand Creek Bridge Improvement	Organization Number:	46484606
Department or Organization:	Public Works	Object Number:	489050
Location:	Grove Road at the Sand Creek arm of Lake Decatur		
Purpose:	Maintain the structural integrity of the bridge		
Description:	Perform NBIS inspection and prepare the design of steel repairs and deck replacement		
Relation to other Projects or Plans.	Bridges and street maintenance		

Activity:
- ☐ Maintenance
- ☐ Improvement
- ☐ Other

Type:
- ☐ Continuing
- ☑ New
- ☐ Other

Infrastructure Element:
- ☐ Streets
- ☐ Water
- ☐ Sidewalks & Trails
- ☐ Sanitary Sewer
- ☐ Traffic
- ☐ Econ. Develop.
- ☐ Storm Sewer
- ☐ Bldgs & Grounds
- ☑ Other

Priority:
- ☑ Top
- ☐ High
- ☐ Medium

Comments:
Use the space below to provide information on the project estimate and time frame.
Please provide sufficient information to enable others to understand the basis of your estimate.

Past routine bridge inspections on the Grove Road bridge over Sand Creek has detailed significant deterioration in the reinforced concrete deck along with some deterioration of the steel superstructure. The bridge deck is rated a 3 in the National Bridge Inspection System.

It is proposed to have a structural engineer inspect this bridge in response to the 2019 inspection which determined significant deterioration in the outside steel beams and provide a recommendation on improvements needed to restore the bridge to full structural health.

Submitted By:	Matt Newell			Five Year Plan					Future Years			
Date:		**Fiscal Year**	**FY 2019**	**FY 2020**	**FY 2021**	**FY 2022**	**FY 2023**	**FY 2024**	**FY 2025**	**FY 2026**	**FY 2027**	
Item	**Vendor**	**Percent Complete**	**Current Year Estimate**	**Budget Year Plan Year 1**	**Plan Year 2**	**Plan Year 3**	**Plan Year 4**	**Plan Year 5**	**Plan Year 6**	**Plan Year 7**	**Plan Year 8**	**Total Project Cost**
Planning		100%	$20,000	$10,000								$30,000
Preliminary Design		0%										$0
Final Design		0%				$50,000						$50,000
Legal		0%										$0
ROW & Easements		0%										$0
Construction		0%					$500,000	$300,000				$800,000
Const. Engineering		0%										$0
Project Management		0%										$0
Misc. Supplies		0%										$0
Total Project Costs			$20,000	$10,000	$0	$50,000	$500,000	$300,000	$0	$0	$0	$880,000

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	Meadowlark Bridge	Organization Number:	46484606
Department or Organization:	Public Works	Object Number:	489050
Location:	Meadowlark Subdivision		
Purpose:	Current Bridge has a structural rating of 3 and needs to be replaced		
Description:	Design and complete a bridge replacement		
Relation to other Projects or Plans.	Downtown streetscape.		

Activity:
- ☑ Maintenance
- ☐ Improvement
- ☐ Other

Type:
- ☑ Continuing
- ☐ New
- ☐ Other

Infrastructure Element:
- ☑ Streets
- ☐ Sanitary Sewer
- ☐ Storm Sewer
- ☐ Water
- ☐ Traffic
- ☐ Bldgs & Grounds
- ☐ Sidewalks & Trails
- ☐ Econ. Develop.
- ☐ Other

Priority:
- ☐ Top
- ☑ High
- ☐ Medium

Comments:
Use the space below to provide information on the project estimate and time frame.
Please provide sufficient information to enable others to understand the basis of your estimate.

Annual NBIS bridge inspections rate this bridge structure at 3. Prestressing strands are exposed or broken at many locations. The bridge is not currently under a load restriction due to the small span.

It is proposed that this bridge be removed and a box culvert be installed in its place.

A storm drainage study of the Meadowlark Subdivision is being performed by Chastain & Associates to determine needed drainage improvements. This study will help identify the needed flow capacity at the Meadowlark Bridge.

Submitted By:	Matt Newell			Five Year Plan					Future Years			
Date:		Fiscal Year	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Item	Vendor	Percent Complete	Current Year Estimate	Plan Year 1	Plan Year 2	Plan Year 3	Plan Year 4	Plan Year 5	Plan Year 6	Plan Year 7	Plan Year 8	Total Project Cost
Planning		0%										$0
Preliminary Design	Consultant	0%										$0
Final Design		0%										$0
Legal		0%				$50,000						$50,000
ROW & Easements		0%										$0
Construction		0%					$300,000					$300,000
Const. Engineering		0%										$0
Project Management		0%										$0
Misc. Supplies		0%										$0
Total Project Costs			$0	$0	$0	$50,000	$300,000	$0	$0	$0	$0	$350,000

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	Country Club Bridge Over Lake Decatur	Organization Number:	45484516
Department or Organization:	Public Works	Object Number:	489050
Location:	Country Club Road north of Cantrell Street		
Purpose:	Maintain the structural integrity of the bridge.		
Description:	Repair deteriorated bridge sections.		
Relation to other Projects or Plans.			

Activity:
- ☑ Maintenance
- ☐ Improvement
- ☐ Other

Type:
- ☐ Continuing
- ☑ New
- ☐ Other

Infrastructure Element:
- ☑ Streets
- ☐ Water
- ☑ Sidewalks & Trails
- ☐ Sanitary Sewer
- ☐ Traffic
- ☐ Econ. Develop.
- ☐ Storm Sewer
- ☐ Bldgs & Grounds
- ☐ Other

Priority:
- ☑ Top
- ☐ High
- ☐ Medium

Comments:
Use the space below to provide information on the project estimate and time frame.
Please provide sufficient information to enable others to understand the basis of your estimate.

An agreement was entered into with AECOM on October 3, 2016, to inspect and complete an initial condition report on the Garfield/CNIC Bridge, Garfield/22nd, Taylor Road, Country Club, Mound/Spring Creek West, Mound/Spring Creek Middle.

A Bridge Condition Report was prepared by AECOM dated October 2017. The report recommended repairs to include repairing the deck, removing deteriorated steel sections and overlaying the concrete deck.

Submitted By:	Matt Newell			Five Year Plan					Future Years			
Date:		**Fiscal Year**	**FY 2019**	**FY 2020**	**FY 2021**	**FY 2022**	**FY 2023**	**FY 2024**	**FY 2025**	**FY 2026**	**FY 2027**	
Item	**Vendor**	**Percent Complete**	**Current Year Estimate**	**Budget Year Plan Year 1**	**Plan Year 2**	**Plan Year 3**	**Plan Year 4**	**Plan Year 5**	**Plan Year 6**	**Plan Year 7**	**Plan Year 8**	**Total Project Cost**
Inspections	AECOM	0%										$0
Preliminary Design		0%										$0
Final Design		0%					$50,000					$50,000
Legal		0%										$0
ROW & Easements		0%										$0
Construction		0%						$400,000				$400,000
Const. Engineering	City Staff	0%										$0
Project Management	City Staff	0%										$0
Misc. Supplies		0%										$0
Total Project Costs			$0	$0	$0	$0	$50,000	$400,000	$0	$0	$0	$450,000

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	Garfield / CNRR Bridge Repairs	Organization Number:	46484606
Department or Organization:	Public Works	Object Number:	489050
Location:	Garfield Avenue / CNRR Bridge		
Purpose:	Maintain structural capacity and weight rating on a major City street.		
Description:	Repair spalled concrete and corroded beams.		
Relation to other Projects or Plans.	Bridges and street maintenance		

Activity: ☑ Maintenance ☐ Improvement ☐ Other

Type: ☐ Continuing ☑ New ☐ Other

Infrastructure Element: ☐ Streets ☐ Water ☐ Sidewalks & Trails ☐ Sanitary Sewer ☐ Traffic ☐ Econ. Develop. ☐ Storm Sewer ☐ Bldgs & Grounds ☑ Other

Priority: ☑ Top ☐ High ☐ Medium

Comments:
Use the space below to provide information on the project estimate and time frame.
Please provide sufficient information to enable others to understand the basis of your estimate.

An agreement was entered into with AECOM on October 3, 2016, to inspect and complete an initial condition report on the Garfield/CNIC Bridge, Garfield/22nd, Taylor Road, Country Club, Mound/Spring Creek West, Mound/Spring Creek Middle.

A Bridge Condition Report was prepared by AECOM dated February 2017. The report recommended $275,000 in repairs. These were not critical needs and so have been delayed several years to allow funding for more critical projects. The cost was inflated to reflect the increase over time.

Submitted By:	Matt Newell			Five Year Plan					Future Years			
Date:		**Fiscal Year**	**FY 2019**	**FY 2020**	**FY 2021**	**FY 2022**	**FY 2023**	**FY 2024**	**FY 2025**	**FY 2026**	**FY 2027**	
Item	**Vendor**	**Percent Complete**	**Current Year Estimate**	**Budget Year Plan Year 1**	**Plan Year 2**	**Plan Year 3**	**Plan Year 4**	**Plan Year 5**	**Plan Year 6**	**Plan Year 7**	**Plan Year 8**	**Total Project Cost**
Inspection		100%		$10,000								$10,000
Preliminary Design		0%										$0
Final Design		0%						$40,000				$40,000
Legal		0%										$0
ROW & Easements		0%										$0
Construction		0%							$300,000			$300,000
Const. Engineering		0%										$0
Project Management		0%										$0
Misc. Supplies		0%										$0
Total Project Costs			$0	$10,000	$0	$0	$0	$40,000	$300,000	$0	$0	$40,000

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	Mound Road / Spring Creek West and Middle Bridges	Organization Number:	46484606
Department or Organization:	Public Works	Object Number:	489050
Location:	Mound Road east of Martin Luther King Jr. Dr. - two bridge crossings of Spring Creek		
Purpose:	Restore structural integrity and capacity on a City arterial.		
Description:	Replace deteriorated precast bridge sections on both bridges.		
Relation to other Projects or Plans.	Bridge work - street maintenance		

Activity:
- ☑ Maintenance
- ☐ Improvement
- ☐ Other

Type:
- ☐ Continuing
- ☑ New
- ☐ Other

Infrastructure Element:
- ☑ Streets
- ☐ Sanitary Sewer
- ☐ Storm Sewer
- ☐ Water
- ☐ Traffic
- ☐ Bldgs & Grounds
- ☐ Sidewalks & Trails
- ☐ Econ. Develop.
- ☐ Other

Priority:
- ☑ Top
- ☐ High
- ☐ Medium

Comments:
Use the space below to provide information on the project estimate and time frame.
Please provide sufficient information to enable others to understand the basis of your estimate.

On May 24, 2016, the City received notice from IDOT rating the Mound West bridge (058-3035) at a 3 (serious). On February 7, 2017, the City received notice from IDOT rating the Mound Middle bridge (058-3036) at a 2 (critical). The City was advised to plan on replacing the bridge decks at its earliest opportunity.

On July 3, 2017, Council entered into $339,100 agreement with AECOM to perform deck replacement designs for these two bridges.

Federal STU Funds through the DUATS program have been allocated to pay for 80% of the estimated $2.3 million project cost to replace the deck on both bridges. The project will be led by IDOT and paid by IDOT who will bill the City for its share. Of the estimated $2.3 million project cost, Federal funds will pay 80% or $1.9 million and the City will pay 20% or $400,000.

Submitted By:	Matt Newell			Five Year Plan					Future Years			
Date:		Fiscal Year	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Item	Vendor	Percent Complete	Current Year Estimate	Budget Year Plan Year 1	Plan Year 2	Plan Year 3	Plan Year 4	Plan Year 5	Plan Year 6	Plan Year 7	Plan Year 8	Total Project Cost
Planning		100%										$0
Preliminary Design		100%										$0
Final Design	AECOM	10%										$0
Legal		0%										$0
ROW & Easements		0%										$0
Construction		0%	$275,000	$200,000								$475,000
Const. Engineering		0%										$0
Project Management		0%										$0
Misc. Supplies		0%										$0
Total Project Costs			$275,000	$200,000	$0	$0	$0	$0	$0	$0	$0	$475,000

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	Bridge Inspections	Organization Number:	46484606
Department or Organization:	Public Works	Object Number:	489050
Location:	Various Bridges		
Purpose:	Perform NBIS bridge inspections on structures the City needs assistance with.		
Description:	Perform NBIS inspections and review structual deficiencies		
Relation to other Projects or Plans.	Bridges and street maintenance		

Activity:
- ☑ Maintenance
- ☐ Improvement
- ☐ Other

Type:
- ☐ Continuing
- ☑ New
- ☐ Other

Infrastructure Element:
- ☐ Streets
- ☐ Sanitary Sewer
- ☐ Storm Sewer
- ☐ Water
- ☐ Traffic
- ☐ Bldgs & Grounds
- ☐ Sidewalks & Trails
- ☐ Econ. Develop.
- ☑ Other

Priority:
- ☑ Top
- ☐ High
- ☐ Medium

Comments:
Use the space below to provide information on the project estimate and time frame.
Please provide sufficient information to enable others to understand the basis of your estimate.

Past routine bridge inspections on these bridges have idendified structural concerns on various bridges maintained by the City. This project will complete the required NBIS inspections for for those bridges with structural concerns.

Submitted By:	Matt Newell			Five Year Plan					Future Years			
Date:		**Fiscal Year**	**FY 2019**	**FY 2020**	**FY 2021**	**FY 2022**	**FY 2023**	**FY 2024**	**FY 2025**	**FY 2026**	**FY 2027**	
Item	**Vendor**	**Percent Complete**	**Current Year Estimate**	**Budget Year Plan Year 1**	**Plan Year 2**	**Plan Year 3**	**Plan Year 4**	**Plan Year 5**	**Plan Year 6**	**Plan Year 7**	**Plan Year 8**	**Total Project Cost**
Planning		0%		$20,000								$20,000
Preliminary Design		0%										$0
Final Design		0%										$0
Legal		0%										$0
ROW & Easements		0%										$0
Construction		0%										$0
Const. Engineering		0%										$0
Project Management		0%										$0
Misc. Supplies		0%										$0
Total Project Costs			$0	$20,000	$0	$0	$0	$0	$0	$0	$0	$20,000

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	Mound Road / Stevens Creek Bridge	Organization Number:	46484606
Department or Organization:	Public Works	Object Number:	489050
Location:	Mound Road West of MacArthur		
Purpose:	Restore structural integrity and capacity on a City arterial.		
Description:	Repair deteriorated piers.		
Relation to other Projects or Plans.	Bridge work - street maintenance		

Activity:
- ☑ Maintenance
- ☐ Improvement
- ☐ Other

Type:
- ☐ Continuing
- ☑ New
- ☐ Other

Infrastructure Element:
- ☑ Streets
- ☐ Sanitary Sewer
- ☐ Storm Sewer
- ☐ Water
- ☐ Traffic
- ☐ Bldgs & Grounds
- ☐ Sidewalks & Trails
- ☐ Econ. Develop.
- ☐ Other

Priority:
- ☑ Top
- ☐ High
- ☐ Medium

Comments:
Use the space below to provide information on the project estimate and time frame.
Please provide sufficient information to enable others to understand the basis of your estimate.

Ongoing bridge inspections have noted a significant deterioration of portions of the pier caps for this bridge. The City has retained the services of AECOM to review the deteriorated piers, recommend repairs, prepare plans and assist with advertizing a repair project. The agreement is for $25,171.

Submitted By:	Matt Newell			Five Year Plan					Future Years			
Date:		**Fiscal Year**	**FY 2019**	**FY 2020**	**FY 2021**	**FY 2022**	**FY 2023**	**FY 2024**	**FY 2025**	**FY 2026**	**FY 2027**	
Item	**Vendor**	**Percent Complete**	**Current Year Estimate**	**Budget Year Plan Year 1**	**Plan Year 2**	**Plan Year 3**	**Plan Year 4**	**Plan Year 5**	**Plan Year 6**	**Plan Year 7**	**Plan Year 8**	**Total Project Cost**
Planning		100%										$0
Preliminary Design		100%										$0
Final Design	AECOM	10%	$30,000									$30,000
Legal		0%										$0
ROW & Easements		0%										$0
Construction		0%		$150,000								$150,000
Const. Engineering		0%										$0
Project Management		0%										$0
Misc. Supplies		0%										$0
Total Project Costs			$30,000	$150,000	$0	$0	$0	$0	$0	$0	$0	$180,000

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	West Main Bridge Repair	Organization Number:	46484606
Department or Organization:	Public Works	Object Number:	489050
Location:	West Main Bridge over Stevens Creek		
Purpose:	Maintain the structural integrity of the City's bridges		
Description:	Review the exposed piles for section loss and design any needed repairs. Complete the identified repairs.		
Relation to other Projects or Plans.	Bridges and street maintenance		

Activity:
- ☑ Maintenance
- ☐ Improvement
- ☐ Other

Type:
- ☐ Continuing
- ☑ New
- ☐ Other

Infrastructure Element:
- ☐ Streets
- ☐ Sanitary Sewer
- ☐ Storm Sewer
- ☐ Water
- ☐ Traffic
- ☐ Bldgs & Grounds
- ☐ Sidewalks & Trails
- ☐ Econ. Develop.
- ☑ Other

Priority:
- ☑ Top
- ☐ High
- ☐ Medium

Comments:
Use the space below to provide information on the project estimate and time frame.
Please provide sufficient information to enable others to understand the basis of your estimate.

Routine bridge inspections have identified significant section loss in at least one exposed support pile at this bridge. One steel pile on the southwest corner has a section loss of approximately 70%. The City retained the services of a structural engineering firm (WHKS) to review the piles and recommend repairs. This work is planned for 2019.

The design costs for this project are included in the Taylor Road bridge design project.

Submitted By:	Matt Newell			Five Year Plan					Future Years			
Date:		Fiscal Year		FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Item	Vendor	Percent Complete	Current Year Estimate	Budget Year Plan Year 1	Plan Year 2	Plan Year 3	Plan Year 4	Plan Year 5	Plan Year 6	Plan Year 7	Plan Year 8	Total Project Cost
Planning		100%										$0
Preliminary Design		0%										$0
Final Design		0%										$0
Legal		0%										$0
ROW & Easements		0%										$0
Construction		0%		$140,000								$140,000
Const. Engineering		0%										$0
Project Management		0%										$0
Misc. Supplies		0%										$0
Total Project Costs			$0	$140,000	$0	$0	$0	$0	$0	$0	$0	$140,000

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	Railroad Crossing Improvements	Organization Number:	46484606
Department or Organization:	Public Works	Object Number:	489070
Location:	Various Locations		
Purpose:	Improve railroad crossings - provide matching funds for IDOT or ICC improvements.		
Description:	Improve railroad crossings - provide matching funds for IDOT or ICC improvements.		
Relation to other Projects or Plans.	Streets		

Activity:
- ☐ Maintenance
- ☑ Improvement
- ☐ Other

Type:
- ☑ Continuing
- ☐ New
- ☐ Other

Infrastructure Element:
- ☑ Streets
- ☐ Water
- ☐ Sidewalks & Trails
- ☐ Sanitary Sewer
- ☐ Traffic
- ☐ Econ. Develop.
- ☐ Storm Sewer
- ☐ Bldgs & Grounds
- ☐ Other

Priority:
- ☐ Top
- ☐ High
- ☐ Medium

Comments:
Use the space below to provide information on the project estimate and time frame.
Please provide sufficient information to enable others to understand the basis of your estimate.

These funds are used primarily to match other state or federal funds for railroad grade crossing improvements.

Funds were allocated in 2016 to perform approach paving at the grade crossings at Rt.36/CSXRR and Ocean Trail/CSXRR. The crossing work was completed under an agreement with the ICC approved by the City Council in 2015. The work was completed under the 2016 Street Restoration Project and is shown under that project.

Utility work to modify the traffic signal controller and extend the interconnect is shown below and is reimbursed by the ICC as part of the 2015 agreement referenced above.

Submitted By:	Matt Newell			Five Year Plan					Future Years			
Date:		Fiscal Year	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Item	**Vendor**	**Percent Complete**	**Current Year Estimate**	**Budget Year Plan Year 1**	**Plan Year 2**	**Plan Year 3**	**Plan Year 4**	**Plan Year 5**	**Plan Year 6**	**Plan Year 7**	**Plan Year 8**	**Total Project Cost**
Planning		0%										$0
Preliminary Design		0%										$0
Final Design		0%										$0
Legal		0%										$0
ROW & Easements		0%										$0
Construction		0%	$0	$20,000	$20,000	$20,000	$20,000	$20,000	$20,000	$20,000	$20,000	$160,000
Const. Engineering		0%										$0
Project Management		0%										$0
Misc. Supplies		0%										$0
Total Project Costs			$0	$20,000	$20,000	$20,000	$20,000	$20,000	$20,000	$20,000	$20,000	$160,000

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	Street Surface Restoration	Organization Number:	46484606
Department or Organization:	Public Works	Object Number:	489070
Location:	City Wide		
Purpose:	This project resurfaces or reconstructs existing streets to extend the street's useful life, improve ride, appearance and overall level of service.		
Description:	This project may include milling the existing surface, making pavement patches, and placing a new wearing surface on the street. The surface is usually asphalt concrete. Some reconstruction work may be decided.		
Relation to other Projects or Plans.			

Activity:	Type:	Infrastructure Element:			Priority:	Comments:
☑ Maintenance	☑ Continuing	☑ Streets	☐ Water	☐ Sidewalks & Trails	☐ Top	Use the space below to provide information on the project estimate and time frame.
☐ Improvement	☐ New	☐ Sanitary Sewer	☐ Traffic	☐ Econ. Develop.	☐ High	Please provide sufficient information to enable others to understand the basis of your estimate.
☐ Other	☐ Other	☐ Storm Sewer	☐ Bldgs & Grounds	☐ Other	☐ Medium	

Due to funding restrictions imposed by IDOT, Motor Fuel Tax funds are required to be kept separate from other City funds.

These projects will completely reconstruct some streets and perform general mill and overlay work on others. Projects may include microsurfacing of some neighborhood streets.

The variable funding level in future years is due to budget constraints. Should funding become available, the annual street projects should be budgeted at about $7.0 million to show real improvement to the City's street system.

The City inspects and rates half of the City's streets each year.

Submitted By:	Matt Newell			Five Year Plan					Future Years			
Date:		Fiscal Year	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Item	Vendor	Percent Complete	Current Year Estimate	Budget Year Plan Year 1	Plan Year 2	Plan Year 3	Plan Year 4	Plan Year 5	Plan Year 6	Plan Year 7	Plan Year 8	Total Project Cost
Planning		0%										$0
Preliminary Design		0%										$0
Final Design		0%										$0
Micro-Surfacing		0%										$0
Street Restoration		0%										$0
Street Restoration		0%										$0
Street Restoration- Asphalt		100%	$400,000	$650,000	$750,000	$400,000	$1,750,000	$1,850,000	$2,000,000	$2,000,000	$2,000,000	$11,800,000
Street Restoration- Concrete		0%										$0
Misc. Supplies		0%										$0
Total Project Costs			$400,000	$650,000	$750,000	$400,000	$1,750,000	$1,850,000	$2,000,000	$2,000,000	$2,000,000	$11,800,000

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	Street Maintenance	Organization Number:	46484606
Department or Organization:	Public Works	Object Number:	489080
Location:	Various Locations		
Purpose:	Reserve funds to provide materials for City concrete and asphalt pavement maintenance		
Description:	Funds used by the Municipal Services to provide materials for concrete and asphalt pavement maintenance		
Relation to other Projects or Plans.			

Activity: ☑ Maintenance ☐ Improvement ☐ Other

Type: ☑ Continuing ☐ New ☐ Other

Infrastructure Element: ☑ Streets ☐ Sanitary Sewer ☐ Storm Sewer ☐ Water ☐ Traffic ☐ Bldgs & Grounds ☐ Sidewalks & Trails ☐ Econ. Develop. ☐ Other

Priority: ☐ Top ☑ High ☐ Medium

Comments:
Use the space below to provide information on the project estimate and time frame.
Please provide sufficient information to enable others to understand the basis of your estimate.

Reserve $20,000 maximum to provide concrete materials, and $20,000 maximum to provide asphalt materials to assist the Municipal Services Division in maintaining streets in the City.

Submitted By:	Matt Newell			Five Year Plan					Future Years			
Date:		Fiscal Year	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Item	**Vendor**	**Percent Complete**	**Current Year Estimate**	**Budget Year Plan Year 1**	**Plan Year 2**	**Plan Year 3**	**Plan Year 4**	**Plan Year 5**	**Plan Year 6**	**Plan Year 7**	**Plan Year 8**	**Total Project Cost**
Planning		0%										$0
Preliminary Design		0%										$0
Final Design		0%										$0
Legal		0%										$0
ROW & Easements		0%										$0
Construction	City Staff	0%										$0
Const. Engineering	City Staff	0%										$0
Materials-Asphalt	City Staff	0%	$20,000	$20,000	$20,000	$20,000	$20,000	$20,000	$20,000	$20,000	$20,000	$180,000
Materials-Concrete	City Staff	0%	$20,000	$20,000	$20,000	$20,000	$20,000	$20,000	$20,000	$20,000	$20,000	$180,000
Total Project Costs			$40,000	$40,000	$40,000	$40,000	$40,000	$40,000	$40,000	$40,000	$40,000	$360,000

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	Lost Bridge Road Guardrail Improvement	**Organization Number:**	46484606
Department or Organization:	Public Works	**Object Number:**	489080
Location:	Lost Bridge Road crossing Lake Decatur		
Purpose:	Improve safety, reliabiliity, and aesthetics of current guardrail system		
Description:	Replace guardrail on the northeast approach to the bridge		
Relation to other Projects or Plans.	The guardrail on the southeast approach was replaced in 2014		

Activity:
- ☐ Maintenance
- ☑ Improvement
- ☐ Other

Type:
- ☑ Continuing
- ☐ New
- ☐ Other

Infrastructure Element:
- ☑ Streets
- ☐ Sanitary Sewer
- ☐ Storm Sewer
- ☐ Water
- ☐ Traffic
- ☐ Bldgs & Grounds
- ☐ Sidewalks & Trails
- ☐ Econ. Develop.
- ☐ Other

Priority:
- ☐ Top
- ☑ High
- ☐ Medium

Comments:
Use the space below to provide information on the project estimate and time frame.
Please provide sufficient information to enable others to understand the basis of your estimate.

In 2016 the guardrail was replaced on the northeast portion of the Lost Bridge causeway.

It is proposed that the guardrail be replaced on the west side of the causeway and possibly along the Grove Road causeway.

The lake has been deepened along the Grove Road causeway from the dredging operations, a guardrail at this location would be recommended.

Submitted By:	Matt Newell			Five Year Plan					Future Years			
Date:		**Fiscal Year**	**FY 2019**	**FY 2020**	**FY 2021**	**FY 2022**	**FY 2023**	**FY 2024**	**FY 2025**	**FY 2026**	**FY 2027**	
Item	**Vendor**	**Percent Complete**	**Current Year Estimate**	**Budget Year Plan Year 1**	**Plan Year 2**	**Plan Year 3**	**Plan Year 4**	**Plan Year 5**	**Plan Year 6**	**Plan Year 7**	**Plan Year 8**	**Total Project Cost**
Planning		0%										$0
Preliminary Design	City Staff	100%										$0
Final Design	City Staff	100%										$0
Legal		0%										$0
ROW & Easements		0%										$0
Construction	Contractor	0%	$0		$60,000	$30,000	$30,000					$120,000
Const. Engineering	City Staff	0%										$0
Project Management	City Staff	0%										$0
Railroad Payment for Interconnection		0%										$0
Total Project Costs			$0	$0	$60,000	$30,000	$30,000	$0	$0	$0	$0	$120,000

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	Eldorado Traffic Signal Replacement - Farview to Church	Organization Number:	46484606
Department or Organization:	Public Works	Object Number:	489070
Location:	City Wide		
Purpose:	This State project is the resurface a portion of Eldorado Street and improve traffic signals. The City is paying a portion of the traffic signal improvement costs.		
Description:	Funding is proposed to pay the City's portion of traffic signal improvements for this State project.		
Relation to other Projects or Plans.			

Activity:	Type:	Infrastructure Element:			Priority:	
☑ Maintenance	☑ Continuing	☑ Streets	☐ Water	☐ Sidewalks & Trails	☐ Top	**Comments:**
☐ Improvement	☐ New	☐ Sanitary Sewer	☐ Traffic	☐ Econ. Develop.	☐ High	Use the space below to provide information on the project estimate and time frame.
☐ Other	☐ Other	☐ Storm Sewer	☐ Bldgs & Grounds	☐ Other	☐ Medium	Please provide sufficient information to enable others to understand the basis of your estimate.

IDOT is scheduled to resurface and replace traffic signals on Eldorado from Fairview to Church Street

The City is responsible for 5% of the traffic signal cost, $61,800.

Submitted By:	Matt Newell			Five Year Plan					Future Years			
Date:		**Fiscal Year**	**FY 2019**	**FY 2020**	**FY 2021**	**FY 2022**	**FY 2023**	**FY 2024**	**FY 2025**	**FY 2026**	**FY 2027**	
Item	**Vendor**	**Percent Complete**	**Current Year Estimate**	**Budget Year Plan Year 1**	**Plan Year 2**	**Plan Year 3**	**Plan Year 4**	**Plan Year 5**	**Plan Year 6**	**Plan Year 7**	**Plan Year 8**	**Total Project Cost**
Planning		0%										$0
Preliminary Design		0%										$0
Final Design		0%										$0
Micro-Surfacing		0%										$0
Street Restoration		0%										$0
Street Restoration		0%										$0
Street Restoration- Asphalt		100%		$61,800								$61,800
Street Restoration- Concrete		0%										$0
Misc. Supplies		0%										$0
Total Project Costs			$0	$61,800	$0	$0	$0	$0	$0	$0	$0	$61,800

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	Eldorado Traffic Signal Replacement - Farview to Church	Organization Number:	46484606
Department or Organization:	Public Works	Object Number:	489070
Location:	City Wide		
Purpose:	This State project is the resurface a portion of Rt. 36 and improve traffic signals. The City is paying a portion of the traffic signal improvement costs and some of the paving work that will be completed on City streets adjacent to the project.		
Description:	Funding is proposed to pay the City's portion of traffic signal and pavement improvements for this State project.		
Relation to other Projects or Plans.			

Activity:	Type:	Infrastructure Element:			Priority:	
☑ Maintenance	☑ Continuing	☑ Streets	☐ Water	☐ Sidewalks & Trails	☐ Top	**Comments:**
☐ Improvement	☐ New	☐ Sanitary Sewer	☐ Traffic	☐ Econ. Develop.	☐ High	Use the space below to provide information on the project estimate and time frame.
☐ Other	☐ Other	☐ Storm Sewer	☐ Bldgs & Grounds	☐ Other	☐ Medium	Please provide sufficient information to enable others to understand the basis of your estimate.

IDOT is scheduled to resurface Rt.36 from 19th Street to Airport Road in 2020.

The City is responsible for 5% of the traffic signal cost and proposes to also pave some street returns at Prairie Street, 27th Street, 44th Street and a portion of Airport Road. The work will also improve some City owned curb ramps at William Street, Prairie Street and Wood Street. The City's estimated cost for the work is approximately $160,000.

Submitted By:	Matt Newell			Five Year Plan					Future Years			
Date:		**Fiscal Year**	**FY 2019**	**FY 2020**	**FY 2021**	**FY 2022**	**FY 2023**	**FY 2024**	**FY 2025**	**FY 2026**	**FY 2027**	
Item	**Vendor**	**Percent Complete**	**Current Year Estimate**	**Budget Year Plan Year 1**	**Plan Year 2**	**Plan Year 3**	**Plan Year 4**	**Plan Year 5**	**Plan Year 6**	**Plan Year 7**	**Plan Year 8**	**Total Project Cost**
Planning		0%										$0
Preliminary Design		0%										$0
Final Design		0%										$0
Micro-Surfacing		0%										$0
Street Restoration		0%										$0
Street Restoration		0%										$0
Street Restoration- Asphalt		100%		$300,000								$300,000
Street Restoration- Concrete		0%										$0
Misc. Supplies		0%										$0
Total Project Costs			$0	$300,000	$0	$0	$0	$0	$0	$0	$0	$300,000

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	Traffic Signal Maintenance and Improvements	Organization Number:	46484606
Department or Organization:	Public Works	Object Number:	489080
Location:	Various City Signalized Intersections		
Purpose:	Provide funding for various traffic signal improvement needs		
Description:	Provide for capital equipment expenditures, IDOT matching funds and minor traffic signal improvement projects.		
Relation to other Projects or Plans.	Street Improvements		

Activity: ☑ Maintenance ☐ Improvement ☐ Other

Type: ☑ Continuing ☐ New ☐ Other

Infrastructure Element: ☑ Streets ☐ Water ☐ Sidewalks & Trails ☐ Sanitary Sewer ☑ Traffic ☐ Econ. Develop. ☐ Storm Sewer ☐ Bldgs & Grounds ☐ Other

Priority: ☐ Top ☑ High ☐ Medium

Comments:
Use the space below to provide information on the project estimate and time frame.
Please provide sufficient information to enable others to understand the basis of your estimate.

2020 funding is proposed to replace traffic control and actuation at various intersections.

Funding is proposed for upgrading the City's traffic signal controllers to current state-of-the-art computer systems and control cabinets. Most of the City's current controllers are 15-20 years old and in need of replacement. City staff is still reviewing proposed improvement options.

Submitted By:	Matt Newell			Five Year Plan					Future Years			
Date:		**Fiscal Year**	**FY 2019**	**FY 2020**	**FY 2021**	**FY 2022**	**FY 2023**	**FY 2024**	**FY 2025**	**FY 2026**	**FY 2027**	
Item	**Vendor**	**Percent Complete**	**Current Year Estimate**	**Budget Year Plan Year 1**	**Plan Year 2**	**Plan Year 3**	**Plan Year 4**	**Plan Year 5**	**Plan Year 6**	**Plan Year 7**	**Plan Year 8**	**Total Project Cost**
Planning	City Staff	0%										$0
Preliminary Design	City Staff	0%										$0
Final Design	City Staff	0%										$0
Legal	City Staff	0%										$0
Materials	City Staff	0%										$0
Construction	Contractor	0%		$50,000					$100,000			$150,000
Const. Engineering	City Staff	0%										$0
Project Management	City Staff	0%										$0
Misc. Supplies		0%										$0
Total Project Costs			$0	$50,000	$0	$0	$0	$0	$100,000	$0	$0	$150,000

FUND 47	City of Decatur Capital Improvement Plan FY 2018 to FY 2022 Major Moves Fund										
Line	ORG	Object Code	Infrastructure Element	Description	TYPE	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
1	4748470	300000	Revenue	Beginning Fund Balance	Balance		$50,000	($36,350)	($36,282)	($36,282)	($36,282)
2	4748470	302107	Revenue	Brush College Road (See Note 1)	Revenue	$0	$0	$0	$0	$0	$0
3	4748470	302107	Revenue	Brush College Road (IJN) (See Note 1)	Revenue	$0	$0	$0	$0	$0	$0
4	4748470	302107	Revenue	DCEO Grant (see Note 2)	Revenue	$0	$155,000	32,500	$0	$0	$0
5	4748470	302107	Revenue	IDOT Grant (see Note 3)	Revenue	$0	$0	$0	$0	$0	$0
6	4748470	302107	Revenue	IDOT Grant (see Note 5)	Revenue	$116,373	$0	$0	$0	$0	$0
7	4748470	301205	Revenue	Transfer from General Fund	Revenue	$0	$0	$0	$0	$0	$0
8	4748470	301205	Revenue	Transfer from Other Funds (see Note 4)	Revenue	$30,000	$30,000	$0	$0	$0	$0
9	4748470	307101	Revenue	Investment Income (See line 12 for interest rate.)	Revenue	$0	-$143	$68	$0	$0	$0
10	4748470	308899	Revenue	Miscellaneous Income	Revenue	$0	$0	$0	$0	$0	$0
11	4748470	308899	Revenue		Revenue	$0	$0	$0	$0	$0	$0
12	Interest income is calculated at the rate of:		0.010	Total Capital Fund Balance and Revenues =		$146,373	$234,857	($3,782)	($36,282)	($36,282)	($36,282)
13											
14	ORG	Object Code	Infrastructure Element	Summary of Expenses by Infrastructure Type		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
15	45484512	428000	Operations	Professional Services	Operations	$60,000	$60,000	$0	$0	$0	$0
16	45484512	441500	Operations	Transfer to General Fund	Operations	$0	$0	$0	$0	$0	$0
17	45484512	444100	Operations	Transfer to Debt Service	Operations	$0	$0	$0	$0	$0	$0
18											
19				Subtotal of Operation Expenses =		$60,000	$60,000	$0	$0	$0	$0
20	47484705	489000	BGG	Buildings Grounds and General Improvements	BGG	$0	$0	$0	$0	$0	$0
21	47484705	489010	Lights	Street Light Projects (Not part of larger projects)	Lights	$0	$0	$0	$0	$0	$0
22	47484705	489020	Parking	Parking Improvement Projects	Parking	$0	$0	$0	$0	$0	$0
23	47484705	489030	Sanitary	Sanitary Sewer Improvement Projects	Sanitary	$0	$0	$0	$0	$0	$0
24	47484705	489040	Storm	Storm Drainage Improvement Projects	Storm	$0	$0	$0	$0	$0	$0
25	47484705	489050	Bridges	Bridge Improvement Projects	Bridges	$0	$0	$0	$0	$0	$0
26	47484705	489060	Sidewalks	Sidewalk Projects (Not part of larger projects.)	Sidewalks	$0	$0	$0	$0	$0	$0
27	47484705	489070	Streets	Street Resurfacing, Rehabilitation or Improvements	Streets	$115,054	$211,207	$32,500	$0	$0	$0
28	47484705	489080	Signals	Traffic Signal Projects (Not part of larger Projects)	Signals	0	$0	$0	$0	$0	$0
29				Subtotal of Capital Projects =		$115,054	$211,207	$32,500	$0	$0	$0
30				Grand Total of Operation and Capital Project Expenses =		$175,054	$271,207	$32,500	$0	$0	$0
31				Ending Balance =		($28,681)	($36,350)	($36,282)	($36,282)	($36,282)	($36,282)
32	Notes:										
33	1	Funds for the Brush College Road Study come from Illinois Jobs Now! Grant, Grade Separation Fund, and Illinois Competetive Freight Program. These full need to be fronted by the City and reimbursed by IDOT.									
34	2	DCEO Grant for the Midwest Inland Port Transportation and Capital Improvements Plan: DCEO grant amount $250,000, $47,500 disbursed in 2014, grant balance is $187,500.									
35	3	IDOT Transportation Planning Funds were discontinued for this project.									
36	4	Additional funds may be needed to cover possible excessive costs.									
37	5	IDOT Transporation Funds 230,020, EDC 27,000, repaining split between City/County									

FUNDED MAJOR MOVES PROJECTS

Line	ORG	New Object Code	Infrastructure Element	Project Number	Project Detail Description		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
1	47484705	489070	Streets		MIP Transportation Improvement Plan (DCEO)		0	211,207	32,500	0	0	0
2	47484706	489070	Streets	14-06	MIP Transporation Plan (Quetica)		115,054	0	0	0	0	0
3					**Total Capital Fund Projects =**		**115,054**	**211,207**	**32,500**	**0**	**0**	**0**
Note 1	See Unfunded for the Brush College and William Street intersection project.											

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2018 TO FY 2022

Project Title/Name:	Professional Services	Organization Number:	45484516
Department or Organization:	Various	Object Number:	489070
Location:	Various		
Purpose:	Provide Professional services to assist with City Capital projects and development		
Description:	Funding for professional services such as engineers or consultants to assist with funding acquisition or projects		
Relation to other Projects or Plans.			

Activity:	Type:	Infrastructure Element:			Priority:	Comments:
☐ Maintenance	☑ Continuing	☑ Streets	☐ Water	☐ Sidewalks & Trails	☑ Top	Use the space below to provide information on the project estimate and time frame.
☑ Improvement	☐ New	☐ Sanitary Sewer	☐ Traffic	☑ Econ. Develop.	☐ High	Please provide sufficient information to enable others to understand the basis of your estimate.
☐ Other	☐ Other	☐ Storm Sewer	☐ Bldgs & Grounds	☐ Other	☐ Medium	

In 2019, the City Council entered into an agreement with Ann L. Schneider & Associates for $60,000 to provide trasportaiton consulting. This is expecting that a similar agreement will be enacted in 2020.

Submitted By:	Matt Newell			Five Year Plan					Future Years			
Date:		**Expenses in previous fiscal years.**	**FY 2019**	**FY 2020**	**FY 2021**	**FY 2022**	**FY 2023**	**FY 2024**	**FY 2025**	**FY 2026**	**FY 2027**	
Item	**Vendor**		**Current Year Estimate**	**Budget Year Plan Year 1**	**Plan Year 2**	**Plan Year 3**	**Plan Year 4**	**Plan Year 5**	**Plan Year 6**	**Plan Year 7**	**Plan Year 8**	**Total Project Cost**
Preliminary Design												$0
Final Design												$0
TIGER Grant Application												$0
Consulting Services	Schneider		$60,000	$60,000								$120,000
Construction												$0
Const. Engineering												$0
Project Management												$0
Railroad Design Cost												$0
Total Project Costs		$0	$60,000	$60,000	$0	$0	$0	$0	$0	$0	$0	$120,000

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2018 TO FY 2022

Project Title/Name:	Midwest Inland Port - Transportation Capital Improvement Plan	Organization Number:	47484705
Department or Organization:	Public Works	Object Number:	489070
Location:	North of Faries Parkway, between 27th Street and Brush College Road		
Purpose:	Prepare a Capital Improvement Plan to support the Midwest Inland Port		
Description:	Preparation of preliminary concept plans for recommended infrastructure improvements to support the establishment of the Midwest Inland Port		
Relation to other Projects or Plans.	DUATS conducting a Decatur Area Transportation Efficiency Study (DATES) that focuses on intermodal surface transportation. IDOT funded Transportation Plan		

Activity:	Type:	Infrastructure Element:			Priority:	Comments:
☐ Maintenance	☐ Continuing	☑ Streets	☐ Water	☐ Sidewalks & Trails	☑ Top	Use the space below to provide information on the project estimate and time frame.
☑ Improvement	☑ New	☐ Sanitary Sewer	☐ Traffic	☑ Econ. Develop.	☐ High	Please provide sufficient information to enable others to understand the basis of your estimate.
☐ Other	☐ Other	☑ Storm Sewer	☐ Bldgs & Grounds	☐ Other	☐ Medium	

The City received a grant from the State of Illinois through the Department of Commerce and Economic Opportunity for $250,000.

The Illinois Department of Commerce and Economic Opportunity (DCEO) and the Illinois Department of Transportation (IDOT) have agreed to assist the City of Decatur in funding two transportation studies related to the community's growth as a multimodal transportation hub. The funds will cover the cost of studies examining how to increase and better handle freight traffic moving through the region and how to best capitalize on the growth of multimodal shipping in and around the Brush College Road area specifically as it relates to the new Midwest Inland Port. The first study will cover industrial transportation needs and will be followed by a study that examines infrastructure needs.

Points to be covered in the reports include forecasted trends in freight movement and how they could affect the Decatur region's rail lines, industrial parks, brown-fields and state and local highways. The goal of these activities would be to support overall economic growth locally and in the region. A long-term plan will be generated using input from regional development and governmental agencies, businesses as well as public hearings.

The intergovernmental agreement between the City and DCEO was approved by the City Council on October 20, 2014. It provides $250,000 in funds from the Department of Commerce and Economic Opportunity. These funds will be supplemented by $180,000 in Planning and Research funds from IDOT for a total of $430,000. The City's required $45,000 match for IDOTs grant will be funded from a portion of the DCEO grant. Together these two grants will provide for preparation of a transportation plan to support the Midwest Inland Port followed by a capital improvements plan that will lay out the schedule for improvements and identify preliminary estimated construction costs.

Funds shown below are $250,000 - $45,000 = $205,000. $45,000 in DCEO Transportation Capital Improvement Plan grant funds are used to match IDOT's $180,000 for a total project value of $225,000. See the IDOT Transportation Plan sheet for the accounting of these funds. The City received $62,500 of these grant funds in 2014. The Grant has been on hold since 2015.

Submitted By:	Matt Newell			Five Year Plan					Future Years			
Date:		Expenses in previous fiscal years.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Item	Vendor		Current Year Estimate	Budget Year Plan Year 1	Plan Year 2	Plan Year 3	Plan Year 4	Plan Year 5	Plan Year 6	Plan Year 7	Plan Year 8	Total Project Cost
Transportation Plan	AECOM	$6,293	$0	$198,707	$0	$0	$0	$0	$0	$0		$205,000
IDOT Match		$0	$0	$12,500	$32,500	$0	$0	$0	$0	$0		$45,000
ROW & Easements												$0
Construction												$0
Const. Engineering												$0
Project Management												$0
Total Project Costs		$6,293	$0	$211,207	$32,500	$0	$0	$0	$0	$0	$0	$250,000

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2018 TO FY 2022

Project Title/Name:	Midwest Inland Port - Decatur Supply Chain Study CP 2014-06	Organization Number:	47484705
Department or Organization:	Public Works	Object Number:	489070
Location:	City of Decatur		
Purpose:	Prepare a demand based supply chain Model to support the Midwest Inland Port		
Description:	To assist in evaluating economic development opportunities		
Relation to other Projects or Plans.	Decatur Area Transportation Efficiency Study (DATES)		

Activity:	Type:	Infrastructure Element:			Priority:	Comments:
☐ Maintenance	☐ Continuing	☑ Streets	☐ Water	☐ Sidewalks & Trails	☐ Top	Use the space below to provide information on the project estimate and time frame.
☑ Improvement	☑ New	☐ Sanitary Sewer	☑ Traffic	☑ Econ. Develop.	☑ High	Please provide sufficient information to enable others to understand the basis of your estimate.
☐ Other	☐ Other	☐ Storm Sewer	☐ Bldgs & Grounds	☐ Other	☐ Medium	

To Develop and apply a demand based supply chain network design and optimization model for supporting strategic investments in Decaturs regional transportation system and to assit in evaluating ecomomic develpement opportuniites in Decatur

The Developwment and application of a customized optimation model will enable Deacatur and its regonal partners to effectively address network constraints and prioritize the most efficient investments in its regional intermodal/multimodal network.

A RFP was prepaired and Quetica was the only proposal. The PSA is in the amount not to exceed $288,530. A change order was made to the contract bringing the total to $362,390 to add in a transportation model. The change order was partially funded by DUATS.

The City Received a grant from the IDOT for $230,020, The EDC will contribute $27,000 and the remaining cost will be split between the City and County. The Study was completed in 2019.

Submitted By:	Matt Newell			Five Year Plan					Future Years			
Date:		Expenses in previous fiscal years.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Item	Vendor		Current Year Estimate	Budget Year Plan Year 1	Plan Year 2	Plan Year 3	Plan Year 4	Plan Year 5	Plan Year 6	Plan Year 7	Plan Year 8	Total Project Cost
Planning	Consultant	$246,853	$115,054									$361,907
ROW & Easements												$0
Construction												$0
Const. Engineering												$0
Project Management												$0
Total Project Costs		$246,853	$115,054	$0	$0	$0	$0	$0	$0	$0	$0	$361,907

FUND 78				City of Decatur Capital Improvement Plan FY 2020 to FY 2024 Stormwater Fund							
Line	ORG	Object Code	Infrastructure Element	Description	TYPE	EST FY 2019	2020 Budget	FY 2021	FY 2022	FY 2023	FY 2024
1	7848780		Revenue	Beginning Fund Balance	Balance	$2,071,375	$2,618,839	$1,951,595	$1,582,372	$1,461,044	$1,588,244
2	7848780	303106	Revenue	Stormwater Utility Fees	Revenue	$1,598,288	$1,595,552	$1,595,552	$1,595,552	$1,595,552	$1,595,552
3	7848780	306700	Revenue	Transfer from Fund 79 for Nelson Park Sewer Project	Revenue	$0	$103,000	$120,000	$120,000	$120,000	$120,000
4	7848780	307101	Revenue	Interest Income	Revenue	$2,000	$12,000	$22,852	$17,670	$15,217	$15,246
5	7848780		Revenue	IEPA Loan for Nelson Park	Revenue	$1,040,000	$0				
6	7848780		Revenue	IEPA Loan for Drainage Improvements	Revenue	$0	$0	$0	$0	$0	$0
7	7848780	308899	Revenue	Miscellaneous Income	Revenue	$0	$0	$0	$0	$0	$0
8	Interest income is calculated at the rate of:		0.010	Total Capital Fund Balance and Revenues =		$4,711,663	$4,329,391	$3,689,999	$3,315,594	$3,191,813	$3,319,043
9											
10	ORG	Object Code	Infrastructure Element	Summary of Expenses by Infrastructure Type		EST FY 2019	2020 Budget	FY 2021	FY 2022	FY 2023	FY 2024
11	78487802	422000	Operations	Storm Sewer Pump Station Operation/Maintenance	Operations	$0	$25,000	$13,000	$13,000	$10,000	$10,000
12	78487802	423000	Operations	MIS Services	Operations	$22,848	$19,956	$19,956	$19,956	$19,956	$19,956
13	78487802	425000	Operations	Administration Fee	Operations	$27,012	$57,732	$57,732	$57,732	$57,732	$57,732
14	78487802	426400	Operations	Landfill Services	Operations	$20,000	$30,000	$30,000	$30,000	$30,000	$30,000
15	78487802	428000	Operations	Professional Services	Operations	$43,121	$46,621	$48,452	$50,375	$52,394	$54,513
16	78487802	429300	Operations	Payment In Lieu of Taxes	Operations	$1,762	$70,251	$70,251	$70,251	$70,251	$70,251
17	78487802	432300	Operations	Materials - Culverts	Operations	$40,000	$40,000	$40,000	$40,000	$40,000	$40,000
18	78487802	432400	Operations	Materials - Storm Sewers	Operations	$40,000	$40,000	$10,000	$10,000	$10,000	$10,000
19	78487802	428000	Operations	Transfer to General Fund - Purchasing	Operations	$336	$6,000	$6,000	$6,000	$6,000	$6,000
20	78487802	441505	Operations	Transfer to General Fund - Public Works	Operations	$482,040	$514,368	$514,368	$514,368	$514,368	$514,368
21	78487802	443900	Operations	Transfer to General Fund - UCS Billing	Operations	$38,340	$40,536	$40,536	$40,536	$40,536	$40,536
22	78487802	449900	Operations	Small Capital Items	Operations	$0	$0	$0	$0	$0	$0
23	78487802	440900	Operations	IEPA Loan Repayment	Operations		$206,332	$206,332	$206,332	$206,332	$206,332
24	78487802		Operations	Transfer to Dept Service	Operations	$0	$0	$0	$0	$0	$0
25				Subtotal of Operation Expenses =		$715,459	$1,096,796	$1,056,627	$1,058,550	$1,057,569	$1,059,688
26	78487806			Stormwater Improvement Projects =		$1,377,365	$1,281,000	$1,051,000	$796,000	$546,000	$946,000
27				Subtotal of Capital Projects =		$1,377,365	$1,281,000	$1,051,000	$796,000	$546,000	$946,000
28				Grand Total of Operation and Capital Project Expenses =		$2,092,824	$2,377,796	$2,107,627	$1,854,550	$1,603,569	$2,005,688
29				Ending Balance =		$2,618,839	$1,951,595	$1,582,372	$1,461,044	$1,588,244	$1,313,354

Funded Stormwater Utility Fee Projects

Line	ORG	Object Code	Infrastructure Element	Project Number	Project Detail Description	Type	EST FY 2019	2020 Budget	FY 2021	FY 2022	FY 2023	FY 2024
1	78487806	489040	Stormwater		NPDES Program	Project	$3,000	$6,000	$6,000	$6,000	$6,000	$6,000
2	78487806	489040	Stormwater		Annual Storm Drainage Project	Project	$192,887	$595,000	$595,000	$340,000	$340,000	$340,000
3	78487806	489040	Stormwater	14-20	Baltimore Road Drainage Improvements	Project	$0	$0	$0	$400,000	$150,000	$550,000
4	78487806	489040	Stormwater		Meadowlark Drainage Improvements	Project	$0	$0	$400,000	$0	$0	$0
5	78487806	489040	Stormwater	12-20	Nelson Park Neighborhood Drainage	Project	$1,040,000	$0	$0	$0	$0	$0
6	78487806	489040	Stormwater	12-22	Northeast Drainage Ditch Maintenance	Project	$0	$50,000	$0	$0	$0	$0
7	78487806	489040	Stormwater		Drainage Structure Imp - 2802 N Main	Project	$0	$155,000	$0	$0	$0	$0
8	78487806	489040	Stormwater		32nd & Fulton Drainage Improvements	Project	$91,478	$250,000	$0	$0	$0	$0
9	78487806	489040	Stormwater		Separate Storm Sewer Inspection Program	Project	$50,000	$50,000	$50,000	$50,000	$50,000	$50,000
10	78487806	489040	Stormwater		Storm and Sanitary Sewer Master Plan	Project	$0	$175,000	$0	$0	$0	$0
11					TOTAL =		**$1,377,365**	**$1,281,000**	**$1,051,000**	**$796,000**	**$546,000**	**$946,000**

City of Decatur
Capital Improvement Plan FY 2020 to FY 2024
Stormwater Fund

Project Title/Name:	Professional Services	Organization Number:	78487802
Department or Organization:	Public Works	Object Number:	428000
Location:	N/A		
Purpose:	Payments for Professional Services attributed to the Stormwater System		
Description:	Payments for Professional Services attributed to the Stormwater System		
Relation to other Projects or Plans.			

Activity:	Type:	Infrastructure Element:			Priority:	Comments:
☐ Maintenance	☑ Continuing	☐ Streets	☐ Water	☐ Sidewalks & Trails	☑ Top	Use the space below to provide information on the project estimate and time frame.
☐ Improvement	☐ New	☐ Sanitary Sewer	☐ Traffic	☐ Econ. Develop.	☐ High	Please provide sufficient information to enable others to understand the basis of your estimate.
☑ Other	☐ Other	☑ Storm Sewer	☐ Bldgs & Grounds	☐ Other	☐ Medium	

Professional services generally cover various services provided for the Storm Fund: JULIE Locating, Professional Locating Services, and Various Engineering Consultant fees.

Submitted By:				Five Year Plan					Future Years			
Date:		Fiscal Year	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Item	Vendor	Percent Complete	Current Year Estimate	Budget Year Plan Year 1	Plan Year 2	Plan Year 3	Plan Year 4	Plan Year 5	Plan Year 6	Plan Year 7	Plan Year 8	Total Project Cost
One Call Dues		0%	$1,544	$1,621	$1,702	$1,787	$1,877	$1,971	$2,069	$2,173	$2,281	$17,025
Locating Services		0%	$30,000	$35,000	$36,750	$38,588	$40,517	$42,543	$44,670	$46,903	$49,249	$364,219
Engineering Consultant		0%	$0	$10,000	$10,000	$10,000	$10,000	$10,000	$10,000	$10,000	$10,000	$80,000
		0%	-	$0	$0	$0	$0	$0	$0	$0	$0	$0
Storm Sewer Work		0%										$0
		0%										$0
		0%										$0
		0%										$0
		0%										$0
Total Project Costs			$31,544	$46,621	$48,452	$50,375	$52,394	$54,513	$56,739	$59,076	$61,530	$461,244

City of Decatur
Capital Improvement Plan FY 2020 to FY 2024
Stormwater Fund

Project Title/Name:	Storm Drainage (NPDES) Phase 2	Organization Number:	78487806
Department or Organization:	Public Works	Object Number:	489040
Location:	City wide		
Purpose:	Protect water quality in and around the City of Decatur and meet requirements of US EPA's NPDES program.		
Description:	Program to eliminate storm water pollution. This includes public awareness, ordinances, policies and procedures, mapping and infrastructure.		
Relation to other Projects or Plans.	Water Pollution Control		

Activity:	Type:	Infrastructure Element:			Priority:	Comments:
☑ Maintenance	☑ Continuing	☐ Streets	☐ Water	☐ Sidewalks & Trails	☐ Top	Use the space below to provide information on the project estimate and time frame.
☐ Improvement	☐ New	☐ Sanitary Sewer	☐ Traffic	☐ Econ. Develop.	☑ High	Please provide sufficient information to enable others to understand the basis of your estimate.
☐ Other	☐ Other	☑ Storm Sewer	☐ Bldgs & Grounds	☐ Other	☐ Medium	

Funds will be used to satisfy the requirements of the City's National Pollutant Discharge Elimination Program (NPDES) Phase II permit.

FY 20 funds include:

•Contract with Macon County Soil & Water Conservation District - $2,000.

•Education: Employee, classroom, and public service announcements - $3,000.

•IEPA NPDES Permit - $1,000

Submitted By:	Matt Newell			Five Year Plan					Future Years			
Date:		Fiscal Year	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Item	Vendor	Percent Complete	Current Year Estimate	Budget Year Plan Year 1	Plan Year 2	Plan Year 3	Plan Year 4	Plan Year 5	Plan Year 6	Plan Year 7	Plan Year 8	Total Project Cost
NPDES Inspections	S&WCD	N/A	$2,000	$2,000	$2,000	$2,000	$2,000	$2,000	$2,000	$2,000	$2,000	$18,000
Education Outreach		N/A		$3,000	$3,000	$3,000	$3,000	$3,000	$3,000	$3,000	$3,000	$24,000
NPDES Permit	IEPA		$1,000	$1,000	$1,000	$1,000	$1,000	$1,000	$1,000	$1,000	$1,000	$9,000
Outfall Inspections	In House	100%										$0
												$0
												$0
												$0
												$0
												$0
Total Project Costs			$3,000	$6,000	$6,000	$6,000	$6,000	$6,000	$6,000	$6,000	$6,000	$51,000

City of Decatur
Capital Improvement Plan FY 2020 to FY 2024
Stormwater Fund

Project Title/Name:	Annual Storm Drainage Improvements	Organization Number:	78487806
Department or Organization:	Public Works	Object Number:	489040
Location:	Various throughout City		
Purpose:	Repair storm sewer facilities that pose a hazard to public safety		
Description:	Install or replace storm sewer facilities that are in poor condition		
Relation to other Projects or Plans.	Storm Water Drainage		

Activity:
- ☐ Maintenance
- ☑ Improvement
- ☐ Other

Type:
- ☑ Continuing
- ☐ New
- ☐ Other

Infrastructure Element:
- ☐ Streets
- ☐ Sanitary Sewer
- ☑ Storm Sewer
- ☐ Water
- ☐ Traffic
- ☐ Bldgs & Grounds
- ☐ Sidewalks & Trails
- ☐ Econ. Develop.
- ☐ Other

Priority:
- ☐ Top
- ☑ High
- ☐ Medium

Comments:
Use the space below to provide information on the project estimate and time frame.
Please provide sufficient information to enable others to understand the basis of your estimate.

Projects are City identified and/or in response to citizen requests. This line item funds the following general projects:

1. The Annual Miscellaneous Sanitary and Storm Drainage Improvement Project which is generally 80% Sanitary Funded and 20% Storm Funded.
2. The Annual Storm Drainage Improvement project which typically addresses minor flooding or drainage problems. Many times, however, the money budgeted for this project is used to repair storm sewers and structures that pose a threat to public safety.
3. Contributions to the City's annual State MFT and Local MFT Street Improvement projects for storm drainage utility work completed as part of the project.

Submitted By:	Paul Caswell			Five Year Plan					Future Years			
Date:		**Fiscal Year**	**FY 2019**	**FY 2020**	**FY 2021**	**FY 2022**	**FY 2023**	**FY 2024**	**FY 2025**	**FY 2026**	**FY 2027**	
Item	**Vendor**	**Percent Complete**	**Current Year Estimate**	**Budget Year Plan Year 1**	**Plan Year 2**	**Plan Year 3**	**Plan Year 4**	**Plan Year 5**	**Plan Year 6**	**Plan Year 7**	**Plan Year 8**	**Total Project Cost**
Annual Misc. Project	Entler	0%	$100,000	$100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	$900,000
Construction		100%	$66,872	$400,000	$400,000	$200,000	$200,000	$200,000	$200,000	$200,000	$200,000	$2,066,872
Const. (State MFT)		0%	$3,300	$15,000	$15,000	$15,000	$15,000	$15,000	$15,000	$15,000	$15,000	$123,300
Const. (Local MFT)		0%	$22,715	$70,000	$70,000	$15,000	$15,000	$15,000	$15,000	$15,000	$15,000	$252,715
												$0
												$0
												$0
Misc. Services		0%		$10,000	$10,000	$10,000	$10,000	$10,000	$10,000	$10,000	$10,000	$80,000
		0%										$0
Total Project Costs			$192,887	$595,000	$595,000	$340,000	$340,000	$340,000	$340,000	$340,000	$340,000	$3,422,887

City of Decatur
Capital Improvement Plan FY 2020 to FY 2024
Stormwater Fund

Project Title/Name:	Baltimore Road Drainage Improvements	Organization Number:	78487806
Department or Organization:	Public Works	Object Number:	489040
Location:	Baltimore Road from Rt 36 to Lost Bridge Road		
Purpose:	Reduce flooding areas		
Description:	Provide an outlet to the eastern portion of the 32nd & Fulton Drainage Problem area		
Relation to other Projects or Plans.	Macon County Street Improvements		

Activity:	Type:	Infrastructure Element:			Priority:	Comments:
☐ Maintenance	☐ Continuing	☐ Streets	☐ Water	☐ Sidewalks & Trails	☑ Top	Use the space below to provide information on the project estimate and time frame.
☐ Improvement	☑ New	☐ Sanitary Sewer	☐ Traffic	☐ Econ. Develop.	☐ High	Please provide sufficient information to enable others to understand the basis of your estimate.
☐ Other	☐ Other	☑ Storm Sewer	☐ Bldgs & Grounds	☐ Other	☐ Medium	

The Macon County Highway Department is currently developing plans for the reconstruction of Baltimore Road, a County highway, from Lost Bridge Road North to Fulton Avenue. The project consists of widening the road to allow for the construction of a multi-use path from Lost Bridge Road to Fitzgerald Road and the removal and reconstruction of the roadway from Fitzgerald Road to Fulton Avenue. Proposed improvements include curb and gutter, storm sewer, and a multi use path. The project is currently in the Phase 2 final design stage with construction on hold by the County for an unspecified time.

The project offered the City an opportunity to improve the outlet for the east portion of the 32nd & Fulton Drainage Problem area which is Priority #3 of the Stormwater Master Plan. The preliminary design determined that a portion of the drainage problem area could be served by the new storm sewer along Baltimore Road. The design determined the increase in pipe size the Baltimore Road storm sewer would need to accommodate extra stormwater flow from the City of Decatur.

The costs included here are based on the preliminary design report issued by Chastain in late 2016. Three areas were identified in the design report that could effectively drain to the new Baltimore Avenue storm sewer. These areas were designed and costs are included here for projects to be completed after the Baltimore storm drain is installed.

Area 1. Fulton Avenue extension: This would run a drain line west along Fulton Avenue. Estimated cost is $250,000.

Area 2. Maynor Drive extension: This would run a drain line west along Maynor to add relief to the upper Orchard Drain system. Estimated cost is $150,000.

Area 3. Fitzgerald/Fontenac extension: This would extend a drain line on Fitzgerald to Fontenac to drain the east portions of the Fontenac neighborhood. Estimated cost is $400,000.

Submitted By:				Five Year Plan					Future Years			
Date:		Fiscal Year	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Item	Vendor	Percent Complete	Current Year Estimate	Budget Year Plan Year 1	Plan Year 2	Plan Year 3	Plan Year 4	Plan Year 5	Plan Year 6	Plan Year 7	Plan Year 8	Total Project Cost
Planning		0%										$0
Preliminary Design	Chastain & Assoc.	100%										$0
Final Design	Chastain & Assoc.	80%					$50,000					$50,000
Construction		0%				$400,000	$ 100,000	$ 150,000				$650,000
Construction: Fulton		0%						$ 250,000				$250,000
Construction: Maynor		0%						$150,000				$150,000
Construction: Fitzgerald		0%							$400,000			$400,000
Project Management		0%										$0
Street Lights		0%										$0
Total Project Costs			$0	$0	$0	$400,000	$150,000	$550,000	$400,000	$0	$0	$1,500,000

City of Decatur
Capital Improvement Plan FY 2020 to FY 2024
Stormwater Fund

Project Title/Name:	Meadowlark Subdivision Drainage Improvements	Organization Number:	78487806
Department or Organization:	Public Works	Object Number:	489040
Location:	Meadowlark Subdivision		
Purpose:	Reduce flooding throughout the subdivision		
Description:	Solution to be determined during preliminary design		
Relation to other Projects or Plans.	Stormwater Master Plan, Meadowlark Bridge Improvement		

Activity:	Type:	Infrastructure Element:			Priority:	Comments:
☐ Maintenance	☐ Continuing	☐ Streets	☐ Water	☐ Sidewalks & Trails	☑ Top	Use the space below to provide information on the project estimate and time frame.
☑ Improvement	☑ New	☐ Sanitary Sewer	☐ Traffic	☐ Econ. Develop.	☐ High	Please provide sufficient information to enable others to understand the basis of your estimate.
☐ Other	☐ Other	☑ Storm Sewer	☐ Bldgs & Grounds	☐ Other	☐ Medium	

This project was listed at the #1 priority area in the Stormwater Master Plan.

Major flooding has occurred within this subdivision, which is immediately downstream of the large industrial area east of 22nd Street (Rt 48) in Northeast Decatur.

In 2016, the City entered into an agreement with Chastain & Associates to perform a preliminary storm drainage review of the neighborhood to provide recommendations for future work. Preliminary estimates are as followed:

Detention Basin Improvement = 3.2 million, Channel Improvements = 0.7 million, Neighborhood Sewer Improvements = 1.0 million, Bridge Replacement = 0.2 million

Project is recommended to continue with final design to narrow cost estimates to present for funding options.

Submitted By:	Matt Newell			Five Year Plan					Future Years			
Date:		**Fiscal Year**	**FY 2019**	**FY 2020**	**FY 2021**	**FY 2022**	**FY 2023**	**FY 2024**	**FY 2025**	**FY 2026**	**FY 2027**	
Item	**Vendor**	**Percent Complete**	**Current Year Estimate**	**Budget Year Plan Year 1**	**Plan Year 2**	**Plan Year 3**	**Plan Year 4**	**Plan Year 5**	**Plan Year 6**	**Plan Year 7**	**Plan Year 8**	**Total Project Cost**
Planning		0%										$0
Preliminary Design		0%										$0
Final Design		0%			$400,000							$400,000
Legal		0%										$0
ROW & Easements		0%										$0
Construction		0%										$0
Const. Engineering		0%										$0
Project Management		0%										$0
Misc. Supplies		0%										$0
Total Project Costs			$0	$0	$400,000	$0	$0	$0	$0	$0	$0	$400,000

City of Decatur
Capital Improvement Plan FY 2020 to FY 2024
Stormwater Fund

Project Title/Name:	Nelson Park Neighborhood Storm Sewer Design	**Organization Number:**	78487806
Department or Organization:	Public Works	**Object Number:**	489040
Location:	Bounded by 22nd Street, Rt. 36, Nelson Boulevard and East Powers Boulevard		
Purpose:	Reduce flooding throughout the neighborhood and reduce sanitary sewer backups in basements		
Description:	Construction of storm sewers throughout the neighborhood to remove stormwater from the sanitary sewer system		
Relation to other Projects or Plans.	Stormwater Master Plan, Overhead Sewer Program		

Activity:	Type:	Infrastructure Element:			Priority:	Comments:
☐ Maintenance	☐ Continuing	☐ Streets	☐ Water	☐ Sidewalks & Trails	☐ Top	Use the space below to provide information on the project estimate and time frame.
☑ Improvement	☑ New	☐ Sanitary Sewer	☐ Traffic	☐ Econ. Develop.	☐ High	Please provide sufficient information to enable others to understand the basis of your estimate.
☐ Other	☐ Other	☑ Storm Sewer	☐ Bldgs & Grounds	☐ Other	☐ Medium	

This project was listed at the #2 priority area in the Stormwater Master Plan. The neighborhood has a combined sewer system with sanitary and stormwater flows in the same pipe. In some cases, larger diameter pipes flow into smaller diameter pipes. Due to the inadequate capacity of the sewers, this neighborhood experiences poor drainage and several basement backups during rain events. In addition, the roads within the neighborhood are in poor condition due to standing water and inadequate drainage. The proposed improvement would install a new storm sewer system in the neighborhood and leave the existing system for sanitary flows only.

In May 2012, the City entered into an agreement with Blank, Wesselink, Cook & Associates (BWC) for design services for the drainage project in the Nelson Park Neighborhood. Their contract included designing and preparing construction documents for Phase 1, the outlet, and to complete a preliminary design for Phase 2, the neighborhood storm sewer system. This project was put on hold and not completed due to lack of funding.

In the summer of 2012, the City of Decatur and the Decatur Park District identified an opportunity to use a bioretention pond, a type of green infrastructure, as the outlet to both the Nelson Park Neighborhood storm sewer system and a future mini-golf facility in Nelson Park. The City applied for an Illinois Green Infrastructure Grant through the Illinois Environmental Protection Agency in 2012 and 2013. Phase 1 work with BWC was stopped while waiting on the results of the grant proposal. Storm sewers within the neighborhood cannot be built until a drainage outlet has been built.

The City received approval for a low interest loan from the IEPA. Bids were received for this project in April of 2017 and a contract entered into with Entler Excavating for $3,607,028.46 for this project. The City retained the services of BWC to provide Construction Engineering assistance for $318,985. Loan repayment costs are to be split 50-50 with the Sewer Fund.

Submitted By:	Paul Caswell			Five Year Plan					Future Years			
Date:		**Fiscal Year**	**FY 2019**	**FY 2020**	**FY 2021**	**FY 2022**	**FY 2023**	**FY 2024**	**FY 2025**	**FY 2026**	**FY 2027**	
Item	**Vendor**	**Percent Complete**	**Current Year Estimate**	**Budget Year Plan Year 1**	**Plan Year 2**	**Plan Year 3**	**Plan Year 4**	**Plan Year 5**	**Plan Year 6**	**Plan Year 7**	**Plan Year 8**	**Total Project Cost**
Planning		0%										$0
Preliminary Design		0%										$0
Final Design		0%										$0
Legal		0%										$0
ROW & Easements		0%										$0
Construction		0%	$1,025,000									$1,025,000
Const. Engineering		0%	$ 15,000									$15,000
Project Management		0%										$0
IEPA Loan Payments		0%										$0
Total Project Costs			$1,040,000	$0	$0	$0	$0	$0	$0	$0	$0	$1,040,000

City of Decatur
Capital Improvement Plan FY 2020 to FY 2024
Stormwater Fund

Project Title/Name:	Northeast Drainage Ditch	Organization Number:	Unfunded
Department or Organization:	Public Works	Object Number:	489040
Location:	City Wide		
Purpose:	Determine the condition of the City's separate storm sewer facilities.		
Description:	Provide televised inspection of the City's storm sewers and catalog damage and plan for infrastructure improvements.		
Relation to other Projects or Plans.			

Activity:	Type:	Infrastructure Element:			Priority:	Comments:
☑ Maintenance	☑ Continuing	☐ Streets	☐ Water	☐ Sidewalks & Trails	☐ Top	Use the space below to provide information on the project estimate and time frame.
☐ Improvement	☐ New	☐ Sanitary Sewer	☐ Traffic	☐ Econ. Develop.	☑ High	Please provide sufficient information to enable others to understand the basis of your estimate.
☐ Other	☐ Other	☑ Storm Sewer	☐ Bldgs & Grounds	☐ Other	☐ Medium	

After being constructed in the late 70's and early 80's, the Northeast Drainage Ditch has only been minimally maintained. Maintenance efforts are usually reactive in nature. In 2009, the ditch from Spring Creek to Hubbard Avenue, approximately 2,600 feet, was cleaned. 60% of the total cost of $14,000 came from a grant through the Macon County Soil & Water Conservation District. The remaining 21,000 feet of ditch and three detention basins of the Northeast Drainage Ditch required heavy cleaning due to sedimentation.

Since then, heavy rains and the reduced capacity in the remainder of the ditch have caused drainage problems for several of the City's large industrial users and other commercial property in the northeast part of the City.

In May 2012, the City entered into an agreement with Onsite Engineering for engineering design services for the first phase of the remaining ditch restoration. Phase 1 went from Hubbard Avenue to a detention basin west of Alexander Lumber, then extending east along an existing CN railroad track to 27th Street. During design, it was found that removal of sediment in the detention basin and in the ditch to the east was all that was required to improve the drainage in Phase 1.

The search for a location to deposit the removed sediment brought about a need to test the existing soil for pollutants. This work was done by Bodine Environmental Services in August/September 2012. Results of the testing show that soil cannot be used as a fill material and must be disposed of at a landfill. Initial estimates for excavation disposal are shown below. Less expensive alternatives are being sought.

This budget worksheet has been updated based on the engineer's estimate of Phase 1 work in 2012. Prices have been adjusted for inflation. Construction year below is an estimated start date only. Portion of the ditch is proposed to be mowed in FY 2020.

Submitted By:	Matt Newell			Five Year Plan					Future Years			
Date:		Fiscal Year	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Item	**Vendor**	**Percent Complete**	**Current Year Estimate**	**Budget Year Plan Year 1**	**Plan Year 2**	**Plan Year 3**	**Plan Year 4**	**Plan Year 5**	**Plan Year 6**	**Plan Year 7**	**Plan Year 8**	**Total Project Cost**
Soil Testing Ph. 1		0%										$0
Preliminary Design		0%										$0
Final Design Ph. 1		0%							$100,000			$100,000
Soil Testing Ph. 2	Consultant	0%							$35,000			$35,000
Design Ph. 2	Consultant	0%										$0
Construction		0%		$50,000						$420,000	$735,000	$1,205,000
Const. Engineering	Consultant	0%								$31,500	52500	$84,000
Project Management	City Staff	0%										$0
Excavation Disposal		0%										$0
Total Project Costs			$0	$50,000	$0	$0	$0	$0	$135,000	$451,500	$787,500	$1,424,000

City of Decatur
Capital Improvement Plan FY 2020 to FY 2024
Stormwater Fund

Project Title/Name:	Drainage Structure Improvement - 2802 North Main Street	Organization Number:	78487806
Department or Organization:	Public Works	Object Number:	489040
Location:	2802 North Main Street		
Purpose:	Stabilize a storm drainage confluence, improve safety of a structure along the road edge, improve aesthetics.		
Description:	Install an enclosed structure to stabilize the surrounding developed area.		
Relation to other Projects or Plans.	Stormwater improvements		

Activity:	Type:	Infrastructure Element:			Priority:	Comments:
☐ Maintenance	☐ Continuing	☐ Streets	☐ Water	☐ Sidewalks & Trails	☐ Top	Use the space below to provide information on the project estimate and time frame.
☑ Improvement	☑ New	☐ Sanitary Sewer	☐ Traffic	☐ Econ. Develop.	☑ High	Please provide sufficient information to enable others to understand the basis of your estimate.
☐ Other	☐ Other	☑ Storm Sewer	☐ Bldgs & Grounds	☐ Other	☐ Medium	

This storm drain confluence has been an eyesore and a nuisance for many years. The sideslopes are eroding and sluffing off along with portions of the adjacent parking lot. The proposed design would be to enclose this area with a cast-in-place mar

Estimated construction cost is $150,000.

In July 2015 the City entered into an engineering design agreement with the Farnsworth Group to design an improvement at this location.

The City needs to acquire the necessary easements before work can began .

Submitted By:	Matt Newell			Five Year Plan					Future Years			
Date:		**Fiscal Year**	**FY 2019**	**FY 2020**	**FY 2021**	**FY 2022**	**FY 2023**	**FY 2024**	**FY 2025**	**FY 2026**	**FY 2027**	
Item	**Vendor**	**Percent Complete**	**Current Year Estimate**	**Budget Year Plan Year 1**	**Plan Year 2**	**Plan Year 3**	**Plan Year 4**	**Plan Year 5**	**Plan Year 6**	**Plan Year 7**	**Plan Year 8**	**Total Project Cost**
Planning		100%										$0
Preliminary Design		100%										$0
Final Design		100%										$0
Legal		0%										$0
ROW & Easements		0%		$5,000								$5,000
Construction		0%		$150,000								$150,000
Const. Engineering		0%										$0
Project Management		0%										$0
Misc. Supplies		0%										$0
Total Project Costs			$0	$155,000	$0	$0	$0	$0	$0	$0	$0	$155,000

City of Decatur
Capital Improvement Plan FY 2020 to FY 2024
Stormwater Fund

Project Title/Name:	32nd and Fulton Area Wide Drainage Improvements	Organization Number:	78487806
Department or Organization:	Public Works	Object Number:	489040
Location:	East Side of the City from Country Club to Baltimore Road (E-W) and Maryland to Rt. 36 (N-S)		
Purpose:	Reduce flooding throughout the neighborhood		
Description:	Solution to be determined during design		
Relation to other Projects or Plans.	Stormwater Master Plan, Overhead Sewer Program		

Activity:	Type:	Infrastructure Element:			Priority:	Comments:
☐ Maintenance	☐ Continuing	☐ Streets	☐ Water	☐ Sidewalks & Trails	☐ Top	Use the space below to provide information on the project estimate and time frame.
☑ Improvement	☑ New	☐ Sanitary Sewer	☐ Traffic	☐ Econ. Develop.	☐ High	Please provide sufficient information to enable others to understand the basis of your estimate.
☐ Other	☐ Other	☑ Storm Sewer	☐ Bldgs & Grounds	☐ Other	☐ Medium	

This project was listed at the #3 priority area in the Stormwater Master Plan.

Total project cost was originally estimated at $45,000/acre (2008 dollars), per the Stormwater Master Plan.

Flooding is widespread throughout the area beginning at 32nd Street and extending east to approximately Blaine Lane. Priority has increased due to SSO and Sanitary Sewer Backups

An agreement was entered into with Farnsworth & Associates to provide a preliminary drainage review of the area. The estimated project costs are from that draft report dated September 7, 2017.

Estimated project costs are: $1,200,000 for trunk storm sewer at the west ditch; $250.000 for various drainage improvements throughout the neighborhood.

Other improvements along Baltimore Road are shown on that sheet.

Submitted By:	Matt Newell			Five Year Plan					Future Years			
Date:		Fiscal Year	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Item	**Vendor**	**Percent Complete**	**Current Year Estimate**	**Budget Year Plan Year 1**	**Plan Year 2**	**Plan Year 3**	**Plan Year 4**	**Plan Year 5**	**Plan Year 6**	**Plan Year 7**	**Plan Year 8**	**Total Project Cost**
Planning		0%										$0
Preliminary Design	Farnsworth Grp.	0%	$ -									$0
Final Design		0%	$91,478									$91,478
Legal		0%										$0
ROW & Easements		0%										$0
Construction		0%		$250,000								$250,000
Const. Engineering		0%										$0
Project Management		0%										$0
Misc. Supplies		0%										$0
Total Project Costs			$91,478	$250,000	$0	$0	$0	$0	$0	$0	$0	$341,478

City of Decatur
Capital Improvement Plan FY 2020 to FY 2024
Stormwater Fund

Project Title/Name:	Separate Storm Sewer Inspection Program	Organization Number:	78487806
Department or Organization:	Public Works	Object Number:	489040
Location:	City Wide		
Purpose:	Preventative maintenance, emergency analysis, special studies		
Description:	CCTV Inspections for the Annual, Overlay, Emergency and Miscellaneous Programs		
Relation to other Projects or Plans.	Sanitary Sewer Inspection Program		

Activity:	Type:	Infrastructure Element:			Priority:	Comments:
☑ Maintenance	☑ Continuing	☐ Streets	☐ Water	☐ Sidewalks & Trails	☑ Top	Use the space below to provide information on the project estimate and time frame.
☐ Improvement	☐ New	☐ Sanitary Sewer	☐ Traffic	☐ Econ. Develop.	☐ High	Please provide sufficient information to enable others to understand the basis of your estimate.
☐ Other	☐ Other	☑ Storm Sewer	☐ Bldgs & Grounds	☐ Other	☐ Medium	

This project performs televised inspections in the storm sewer system. These inspections will be included in the Annual Sanitary Sewer Inspections Program included as part of the Sanitary Sewer Fund.

1. Annual Program - Planned Closed Circuit Television (CCTV) sewer inspections as chosen by Public Works Staff.

2. Overlay Program - Separate storm sewers located under roads proposed to be resurfaced or reconstructed are televised the winter before the work will take place. If the sewer is in poor condition, the streets will not be resurfaced or reconstructed until the sewers are rehabilitated first.

3. Emergency Inspections - Emergency inspections are unplanned inspections that are required due to sinkholes or backups that occur throughout the year. Services may also include smoke testing, dye testing or other investigative services.

4. Sewer Cleaning - In limited instances in the storm sewer system, City crews are needed to clean sewer lines before a sewer can be televised because of debris. This prevents the City Crews from cleaning other sewers that are scheduled to be cleaned. This Contract will include a price for cleaning so the inspection contractor can clean as necessary so televising can be completed.

5. Point Repairs - Point repairs are required when structural deficiencies are found by the CCTV inspections. The pipe is typically in emergency condition and where cured in place long lining cannot be performed. This will also include when the sewer is under the design life of the sewer and failure is due to improper installation.

Submitted By:	Matt Newell			Five Year Plan					Future Years			
Date:		**Fiscal Year**	**FY 2019**	**FY 2020**	**FY 2021**	**FY 2022**	**FY 2023**	**FY 2024**	**FY 2025**	**FY 2026**	**FY 2027**	
Item	**Vendor**	**Percent Complete**	**Budget Year Plan Year 1**	**Plan Year 2**	**Plan Year 3**	**Plan Year 4**	**Plan Year 5**	**Plan Year 6**	**Plan Year 7**	**Plan Year 8**	**Total Project Cost**	**Total Project Cost**
Planning	City Staff	0%									$0	$0
Preliminary Design	City Staff	0%									$0	$0
Final Design	City Staff	0%									$0	$0
Inspection CP 16-19 YR 1	TeleScan	0%									$0	$0
Inspection CP 16-19 YR 2	TeleScan	0%									$0	$0
Inspection CP 16-19 YR 3	TeleScan	0%									$0	$0
Inspection Future	Contractor	0%	$50,000	$50,000	$50,000	$50,000	$50,000	$50,000	$50,000	$50,000	$400,000	$800,000
Total Project Costs		$0	$50,000	$50,000	$50,000	$50,000	$50,000	$50,000	$50,000	$50,000	$400,000	$800,000

City of Decatur
Capital Improvement Plan FY 2020 to FY 2024
Stormwater Fund

Project Title/Name:	Storm and Sanitary Sewer Master Plan Update	Organization Number:	78487806
Department or Organization:	Public Works	Object Number:	489040
Location:	City Wide		
Purpose:	Provide roadmap for Storm and Sanitary sewer improvements.		
Description:	Solution to be determined during design		
Relation to other Projects or Plans.			

Activity:	Type:	Infrastructure Element:			Priority:	Comments:
☐ Maintenance	☐ Continuing	☐ Streets	☐ Water	☐ Sidewalks & Trails	☑ Top	Use the space below to provide information on the project estimate and time frame.
☑ Improvement	☑ New	☐ Sanitary Sewer	☐ Traffic	☐ Econ. Develop.	☐ High	Please provide sufficient information to enable others to understand the basis of your estimate.
☐ Other	☐ Other	☑ Storm Sewer	☐ Bldgs & Grounds	☐ Other	☐ Medium	

Provide a update to the 2009 Storm Water Master Plan and the 2010 Sanitary Sewer Master Plan.

				Five Year Plan					Future Years			
Submitted By:	Matt Newell											
Date:		**Fiscal Year**	**FY 2019**	**FY 2020**	**FY 2021**	**FY 2022**	**FY 2023**	**FY 2024**	**FY 2025**	**FY 2026**	**FY 2027**	
Item	**Vendor**	**Percent Complete**	**Current Year Estimate**	**Budget Year Plan Year 1**	**Plan Year 2**	**Plan Year 3**	**Plan Year 4**	**Plan Year 5**	**Plan Year 6**	**Plan Year 7**	**Plan Year 8**	**Total Project Cost**
Planning		0%										$0
Preliminary Design		0%		$175,000								$175,000
Final Design		0%										$0
Legal		0%										$0
ROW & Easements		0%										$0
Construction		0%										$0
Const. Engineering		0%										$0
Project Management		0%										$0
Misc. Supplies		0%										$0
Total Project Costs			$0	$175,000	$0	$0	$0	$0	$0	$0	$0	$175,000

FUND 79				CITY OF DECATUR CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024 SANITARY SEWER FUND 79							
Line	ORG	New Object Code	Infrastructure Element	DESCRIPTION	TYPE	EST FY 2019	2020 Budget	FY 2021	FY 2022	FY 2023	FY 2024
1	7948790	300000	Revenue	Beginning Fund Balance	Balance	**$7,153,254**	**$7,987,346**	**$4,413,184**	**$2,805,427**	**$2,301,002**	**$2,252,705**
2	7948790	303105	Revenue	Sewer User Fees (see Note 1)	Revenue	$2,820,983	$3,115,589	$3,320,000	$3,530,000	$3,660,000	$3,751,500
3	7948790	303120	Revenue	Sewer User Fees External (see Note 1)	Revenue	$3,177,234	$3,585,176	$3,674,805	$3,830,000	$3,980,000	$4,079,500
4	7948790	303103	Revenue	Tapping Fees	Revenue	$5,500	$6,000	$4,000	$4,000	$4,000	$4,000
5	7948790	308899	Revenue	Interest Income	Revenue	$12,000	$25,000	$62,003	$36,093	$25,532	$22,769
6	7948790	308899	Revenue	Miscellaneous Income	Revenue	$900	$300	$300	$300	$300	$300
7	7948790	309903	Illinois EPA Loan	Loan for Const of 7th Ward Sewer Rehab	Loan	$0	$0	$0	$0	$0	$0
8	7948790	309903	Illinois EPA Loan	Loan for Construction of McK Sewer Rehab	Loan	$1,000,000	$4,222,777	$0	$0	$0	$0
9	7948790	309903	Illinois EPA Loan	Reimbursement for McK Sewer Const Eng	Loan	$200,000	$283,387	$0	$0	$0	$0
10	7948790	309903	Illinois EPA Loan	Reimbursement for McK Sewer Design	Loan	$50,000	$0	$0	$0	$0	$0
11	7948790	309903	Revenue Bond	Bond for Lost Bridge North, TA 3N	Bond	$0	$0	$6,800,000	$0	$0	$0
12	7948790	309903	Revenue Bond	Bond for Florian, TA 6	Bond	$0	$0	$0	$3,300,000	$0	$0
13	7948790	309903	Revenue Bond	Bond for Basin 5/6, TA 8	Bond	$0	$0	$0	$5,500,000	$5,500,000	$0
14	7948790	309903	Revenue Bond	Bond for Ellen and Division, TA 9	Bond	$0	$0	$4,000,000	$0	$0	$0
15	7948790	309903	Revenue Bond	Bond for 32nd/Fulton Drainage Improvements	Bond	$0	$0	$0	$0	$0	$0
16											
17											
18	Interest income is calculated at the rate of:		0.010	**Total Capital Fund Balance and Revenues =**		**$14,419,871**	**$19,225,576**	**$22,274,292**	**$19,005,820**	**$15,470,834**	**$10,110,773**
19											

20	ORG	Object Code	Infrastructure Element	Summary of Expenses by Infrastructure Type		EST FY 2019	2020 Budget	FY 2021	FY 2022	FY 2023	FY 2024
21	79487902	422000	Operations	Service on Pumping Stations	Operations	$141,000	$164,975	$170,724	$176,760	$183,098	$189,753
22	79487902	423000	Operations	MIS Services	Operations	$12,096	$15,864	$15,864	$15,864	$15,864	$15,864
23	79487902	423300	Operations	Telephone	Operations	$1,000	$1,000	$1,000	$1,000	$1,000	$1,000
24	79487902	424300	Operations	Motor Vehicle Expenses	Operations	$164,052	$195,480	$195,480	$195,480	$195,480	$195,480
	79487902	424600	Operations	Legal Services	Operations	$10,000	$10,000	$10,000	$10,000	$10,000	$10,000
25	79487902	424700	Operations	Computer Software	Operations	$2,500	$20,000	$20,000	$20,000	$20,000	$20,000
26	79487902	425000	Operations	To Gen FD - Admin Services	Operations	$270,504	$180,348	$180,348	$180,348	$180,348	$180,348
27	79487902	426400	Operations	Landfill Services	Operations	$50,000	$70,000	$70,000	$70,000	$70,000	$70,000
28	79487902	428000	Operations	Professional Services	Operations	$110,609	$205,000	$188,860	$175,776	$177,749	$179,782
29	79487902	429300	Operations	Payment in Lieu of Taxes	Operations	$389,666	$386,183	$386,183	$386,183	$386,183	$386,183
30	79487902	432400	Operations	Materials for Sewer Operations	Operations	$10,000	$75,000	$75,000	$75,000	$75,000	$75,000
31	79487902	441504	Operations	Transfer to General Fund - Purchasing	Operations	$6,792	$15,540	$15,540	$15,540	$15,540	$15,540
32	79487902	441505	Operations	Transfer to General Fund - Engineering	Operations	$591,012	$534,252	$534,252	$534,252	$534,252	$534,252
33	79487902	441508	Operations	Transfer to General Fund - EPA CMOM	Operations	$336,636	$341,496	$341,496	$341,496	$341,496	$341,496
34	79487902	443900	Operations	Transfer to General Fund - Utility Cust. Serv.	Operations	$113,076	$152,100	$152,100	$152,100	$152,100	$152,100
35	79487902	444100	Operations	TRANSFER TO DEBT SERVICE	E - Operations	$0	$0	$0	$0	$0	$0
36	79487922	440900	Operations	IEPA DEBT SERVICE (Lake Shore Drive Sewer)	E - Operations	$459,696	$459,696	$459,696	$459,696	$459,696	$459,696
37	79487932	440900	Operations	IEPA DEBT SERVICE (Union Street Sewer)	E - Operations	$132,702	$132,702	$132,702	$132,702	$132,702	$132,702
38	79487942	440900	Operations	IEPA DEBT SERVICE (7th Ward Sewer) fin 3/2038	E - Operations	$508,121	$508,121	$508,121	$508,121	$508,121	$508,121
39	79487802	444200	Operations	IEPA DEBT SERVICE (Nelson Park Sewer)	E - Operations	$103,000	$103,000	$103,000	$103,000	$103,000	$103,000
40	79487902	441500	Operations	IEPA DEBT SERVICE (McKinley Sewer)	E - Operations		$182,750	$365,500	$365,500	$365,500	$365,500
41	79487902	441500	Operations	BOND DEBT SERVICE (Target Area 3N)	E - Operations			$370,000	$370,000	$370,000	$370,000
42	79487902	441500	Operations	BOND DEBT SERVICE (Target Area 6)	E - Operations				$210,000	$210,000	$210,000
43	79487902	441501	Operations	BOND DEBT SERVICE (Target Area 8)	E - Operations				$638,000	$638,000	$638,000
44	79487902	441502	Operations	BOND DEBT SERVICE (Target Area 9)	E - Operations			$248,000	$248,000	$248,000	$248,000
45	79487902	441503	Operations	BOND DEBT SERVICE (32nd/Fulton Drainage)	E - Operations	$0	$0	$0	$0	$0	$0
46											
47	79487902	455200	Operations	Lease Equipment Payments	E - Operations	$50,870	$0				
48	79487902	451000	Operations	Automotive Equipment	E - Operations		$75,000				
49	79487902	452000	Operations	Vactor Truck Purchase	E - Operations	$0	$450,000	$550,000			
50				**Subtotal of Operation Expenses =**		**$3,463,332**	**$4,278,507**	**$5,093,866**	**$5,384,818**	**$5,393,129**	**$5,401,816**
51	45484516	489030	Capital Improvements	Sanitary Sewer Improvement Projects =		$2,969,193	$10,533,884	$14,375,000	$11,320,000	$7,825,000	$2,175,000
52				**Subtotal of Capital Projects =**		**$2,969,193**	**$10,533,884**	**$14,375,000**	**$11,320,000**	**$7,825,000**	**$2,175,000**
53				**Grand Total of Operation and Capital Project Expenses =**		**$6,432,525**	**$14,812,391**	**$19,468,866**	**$16,704,818**	**$13,218,129**	**$7,576,816**
54				**Ending Balance =**		**$7,987,346**	**$4,413,184**	**$2,805,427**	**$2,301,002**	**$2,252,705**	**$2,533,957**

Note 1: Fee includes rate increase: May 2017-$0.15, May 2018-$0.15, May 2019-$0.09, May 2020-$0.09, May 2021-$0.09,

FUNDED SEWER PROJECTS

Line	ORG	New Object Code	Infrastructure Element	Project Number	Project Detail Description		EST FY 2019	2020 Budget	FY 2021	FY 2022	FY 2023	FY 2024
1	79487906	489030	Sanitary	20-09	Miscellaneous Sanitary Sewer Repairs		315,880	751,430	500,000	500,000	500,000	400,000
2	79487906	489030	Sanitary	20-33	Sanitary Sewer Improvement Project		0	100,000	100,000	100,000	100,000	100,000
3	79487906	489030	Sanitary	20-28	Sanitary Sewer Cured-in-Place Lining		623,864	842,635	600,000	500,000	500,000	500,000
4	79487906	489030	Sanitary	16-19	Sanitary Sewer Inspection Program		400,000	400,000	400,000	450,000	450,000	450,000
5	79487906	489030	Sanitary		Sanitary Sewer Cleaning		0	200,000	200,000	100,000	100,000	100,000
6	79487906	489030	Sanitary	20-32	Sanitary Sewer Manhole Rehabilitation		192,080	250,000	250,000	250,000	250,000	250,000
7	79487906	489030	Sanitary		Sanitary Sewer Asset Management Plan		0	200,000	200,000	0	0	0
8	79487906	489030	Sanitary		Sanitary Sewer Herbicide Root Control		0	200,000	200,000	200,000	200,000	200,000
9	79487906	489030	Sanitary	9-17	Overhead Sewer Program		15,000	150,000	200,000	200,000	50,000	50,000
10	79487906	489030	Sanitary		Sanitary Manhole Inspections		0	75,000	75,000	75,000	75,000	75,000
11	79487906	489030	Sanitary	13-01	SSA Study and CMOM Program		15,000	133,655	0	0	0	0
12	79487906	489030	Sanitary	17-01	Target Area Flow Metering		18,369	0	0	0	0	0
13	79487906	489030	Sanitary	17-02	SCSAA T.A. 6 - Florian Basin		0	100,000	300,000	3,300,000	50,000	0
14	79487906	489030	Sanitary	17-03	SCSAA T.A. 3N - Lost Bridge Basin North		15,000	450,000	6,800,000	50,000	0	0
15	79487907	489030	Sanitary	16-01	SCSAA T.A. 8 - Basin 5/6		0	200,000	700,000	5,450,000	5,500,000	0
16	79487908	489030	Sanitary	18-01	SCSAA T.A. 9 - Ellen and Division		75,000	400,000	3,850,000	50,000	0	0
17	79487909	489030	Sanitary	16-04	32nd and Fulton Avenue Drainage		90,000	1,400,000	0	0	0	0
18	79487906	489030	Sanitary	17-22	McKinley Sewer Rehabilitation		1,200,000	4,506,164	0	0	0	0
19	79487906	489030	Sanitary	15-07	7th Ward Sewer Rehabilitation		9,000	0	0	0	0	0
20	79487906	489030	Sanitary	11-04	Sump Pump Inspection Program		0	0	0	50,000	50,000	50,000
21	79487906	489030	Sanitary		Storm and Sanitary Sewer Master Plan		0	175,000	0	0	0	0
22	79487906	489030	Sanitary	13-13	Beach House PS and FM Replacement		0	0	0	0	0	0
23	79487906	489030	Sanitary		Allen Bend Pump Station Replacement		0	0	0	45,000	0	0
24	79487906	489030	Sanitary		Rt 51 Pump Station Replacement		0	0	0	0	0	0
25					**TOTAL SEWER PROJECTS**		**2,969,193**	**10,533,884**	**14,375,000**	**11,320,000**	**7,825,000**	**2,175,000**

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	Service to Pump Stations	Organization Number:	79487902
Department or Organization:	Public Works	Object Number:	422000
Location:	N/A		
Purpose:	Costs to Service Pump Stations		
Description:	Payments to the Sanitary District of Decatur for servicing and maintaining the City of Decatur's Sanitary Sewer Pump Stations		
Relation to other Projects or Plans.			

Activity:	Type:	Infrastructure Element:			Priority:	Comments:
☑ Maintenance	☑ Continuing	☐ Streets	☐ Water	☐ Sidewalks & Trails	☑ Top	Use the space below to provide information on the project estimate and time frame.
☐ Improvement	☐ New	☑ Sanitary Sewer	☐ Traffic	☐ Econ. Develop.	☐ High	Please provide sufficient information to enable others to understand the basis of your estimate.
☑ Other	☐ Other	☐ Storm Sewer	☐ Bldgs & Grounds	☐ Other	☐ Medium	

2015=13.50 per day, 2016=14.33 per day, 2017=14.33 per day, FY 2018=14.33 per day, FY 2019-14.62 per day, FY 2020-15.00 per day

Daily Payments: Per agreement, the SDD currently charges 14.62 per station per day to maintain the City's sanitary sewer pump stations.. Assume 5% increase per year to account for larger increased less frequently

21 Stations

Pump Replacements: SDD estimates $40,000 per year for replacing pumps.

Major Maintenance: Planned Major Maintenance by SDD on pump stations.

Submitted By:	Paul Caswell			Five Year Plan					Future Years			
Date:		Fiscal Year	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Item	Vendor	Percent Complete	Current Year Estimate	Budget Year Plan Year 1	Plan Year 2	Plan Year 3	Plan Year 4	Plan Year 5	Plan Year 6	Plan Year 7	Plan Year 8	Total Project Cost
												$0
Daily Payments	SDD		$106,000	$114,975	$120,724	$126,760	$133,098	$139,753	$146,740	$154,077	$161,781	$1,203,909
Minor Mnt & Pumps	SDD		$35,000	$50,000	$50,000	$50,000	$50,000	$50,000	$50,000	$50,000	$50,000	$435,000
Major Maintenance	SDD		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
												$0
												$0
												$0
												$0
Total Costs			$141,000	$164,975	$170,724	$176,760	$183,098	$189,753	$196,740	$204,077	$211,781	$1,638,909

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	Professional Services	Organization Number:	79487902
Department or Organization:	Public Works	Object Number:	428000
Location:	N/A		
Purpose:	Payments for Professional Services attributed to the Sanitary Sewer System		
Description:	Payments for Professional Services attributed to the Sanitary Sewer System		
Relation to other Projects or Plans.			

Activity:	Type:	Infrastructure Element:			Priority:	Comments:
☐ Maintenance	☑ Continuing	☐ Streets	☐ Water	☐ Sidewalks & Trails	☑ Top	Use the space below to provide information on the project estimate and time frame.
☐ Improvement	☐ New	☑ Sanitary Sewer	☐ Traffic	☐ Econ. Develop.	☐ High	Please provide sufficient information to enable others to understand the basis of your estimate.
☑ Other	☐ Other	☐ Storm Sewer	☐ Bldgs & Grounds	☐ Other	☐ Medium	

The Professional Services line item pays for JULIE memberships costs; professional locating services; intern salaries for GIS help and field observations; and, legal services primarily for the current EPA Order.

Submitted By:	Paul Caswell			Five Year Plan					Future Years			
Date:		Fiscal Year	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Item	Vendor	Percent Complete	Current Year Estimate	Budget Year Plan Year 1	Plan Year 2	Plan Year 3	Plan Year 4	Plan Year 5	Plan Year 6	Plan Year 7	Plan Year 8	Total Project Cost
One Call Dues	JULIE		$1,800	$2,000	$2,060	$2,122	$2,185	$2,251	$2,319	$2,388	$2,460	$19,585
Locating Services	USIC		$42,000	$50,000	$51,500	$53,045	$54,636	$56,275	$57,964	$59,703	$61,494	$486,617
Sewer interns	Mid-States Tech		$0	$10,000	$10,300	$10,609	$10,927	$11,255	$11,593	$11,941	$12,299	$88,923
Legal Services	B&T		$10,000	$40,000	$25,000	$10,000	$10,000	10000				$105,000
Engineering Consultant	Consultant		$15,000	$20,000	$20,000	$20,000	$20,000	20000	20000	20000	20000	$175,000
Misc Plumber Repairs			$5,000	$30,000	$30,000	$30,000	$30,000	$30,000	$30,000	$30,000	$30,000	$245,000
Misc MSC Equipment			$0	$50,000	$50,000	$50,000	$50,000	$50,000	$50,000	$50,000	$50,000	$400,000
SL Rat			$26,470	500								$26,970
ARCGIS			$8,415									$8,415
Smart Lid			1924	2500								$4,424
Total Costs			$110,609	$205,000	$188,860	$175,776	$177,749	$179,782	$171,875	$174,031	$176,252	$1,559,934

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	Miscellaneous Sanitary Sewer Improvement Project	Organization Number:	79487906
Department or Organization:	Public Works	Object Number:	489030
Location:	Various Locations		
Purpose:	Excavation and replacement of the sanitary sewer system		
Description:	Sewer and manhole removal & replacement and emergency work		
Relation to other Projects or Plans.			

Activity:	Type:	Infrastructure Element:			Priority:	Comments:
☑ Maintenance	☑ Continuing	☐ Streets	☐ Water	☐ Sidewalks & Trails	☑ Top	Use the space below to provide information on the project estimate and time frame.
☐ Improvement	☐ New	☑ Sanitary Sewer	☐ Traffic	☐ Econ. Develop.	☐ High	Please provide sufficient information to enable others to understand the basis of your estimate.
☐ Other	☐ Other	☐ Storm Sewer	☐ Bldgs & Grounds	☐ Other	☐ Medium	

This work involves the excavation and replacement of failing sanitary sewers and manholes. Projects will typically include removal and replacement and emergency repair contracts for the Sanitary Sewer System.

The City generally puts out a miscellaneous sewer improvement project that encompasses all the repairs necessary to maintain the sanitary sewer system. This work typically augments the ongoing maintenance work performed by City crews. This work includes emergency repairs that are identified in the system along with some routine maintenance repairs that are necessary to maintain reliable system operations.

As the overall age of the sanitary sewer system, additional emergency repairs are expected.

See Unfunded Projects for additional sanitary sewer improvement projects.

Submitted By:	Paul Caswell			Five Year Plan					Future Years			
Date:		**Fiscal Year**	**FY 2019**	**FY 2020**	**FY 2021**	**FY 2022**	**FY 2023**	**FY 2024**	**FY 2025**	**FY 2026**	**FY 2027**	
Item	**Vendor**	**Percent Complete**	**Current Year Estimate**	**Budget Year Plan Year 1**	**Plan Year 2**	**Plan Year 3**	**Plan Year 4**	**Plan Year 5**	**Plan Year 6**	**Plan Year 7**	**Plan Year 8**	**Total Project Cost**
Planning	City Staff	0%										$0
Preliminary Design	City Staff	0%										$0
Final Design	City Staff	0%										$0
Legal	City Staff	0%										$0
ROW & Easements	City Staff	0%										$0
Construction 2018	Contractor	0%	$65,880									$65,880
Construction 2019	Contractor	0%	$250,000	$251,430								$501,430
Construction 2020 on	City Staff	0%		$500,000	$500,000	$500,000	$500,000	$400,000	$400,000	$400,000	$400,000	$3,600,000
Misc. Supplies	City Staff	0%										$0
Total Project Costs			$315,880	$751,430	$500,000	$500,000	$500,000	$400,000	$400,000	$400,000	$400,000	$4,167,310

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	Sanitary Sewer Improvement Project	Organization Number:	79487906
Department or Organization:	Public Works	Object Number:	489030
Location:	Various Locations		
Purpose:	Excavation and replacement of the sanitary sewer system		
Description:	Sewer and manhole removal & replacement and emergency work		
Relation to other Projects or Plans.			

Activity:	Type:	Infrastructure Element:			Priority:	Comments:
☑ Maintenance	☑ Continuing	☐ Streets	☐ Water	☐ Sidewalks & Trails	☑ Top	Use the space below to provide information on the project estimate and time frame.
☐ Improvement	☐ New	☑ Sanitary Sewer	☐ Traffic	☐ Econ. Develop.	☐ High	Please provide sufficient information to enable others to understand the basis of your estimate.
☐ Other	☐ Other	☐ Storm Sewer	☐ Bldgs & Grounds	☐ Other	☐ Medium	

This work involves the excavation and replacement of failing sanitary sewers and manholes or replacement of know problem sewers. This project will be a designed bid project and may be combined with the Misc Sewer Repair Project.

Submitted By:	Paul Caswell			Five Year Plan					Future Years			
Date:		**Fiscal Year**	**FY 2019**	**FY 2020**	**FY 2021**	**FY 2022**	**FY 2023**	**FY 2024**	**FY 2025**	**FY 2026**	**FY 2027**	
Item	**Vendor**	**Percent Complete**	**Current Year Estimate**	**Budget Year Plan Year 1**	**Plan Year 2**	**Plan Year 3**	**Plan Year 4**	**Plan Year 5**	**Plan Year 6**	**Plan Year 7**	**Plan Year 8**	**Total Project Cost**
Planning	City Staff	0%										$0
Preliminary Design	City Staff	0%										$0
Final Design	City Staff	0%										$0
Legal	City Staff	0%										$0
ROW & Easements	City Staff	0%										$0
Construction 2014	Contractor	0%										$0
Construction 2015	Contractor	0%										$0
Construction 2016 on	City Staff	0%	0	$100,000	$100,000	$100,000	$100,000	$100,000	$100,000	$100,000	$100,000	$800,000
MSC Supplies	City Staff	0%	0									$0
Total Project Costs			$0	$100,000	$100,000	$100,000	$100,000	$100,000	$100,000	$100,000	$100,000	$800,000

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	Sanitary Sewer Cured-In-Place (CIP) Lining	Organization Number:	79487906
Department or Organization:	Public Works	Object Number:	489030
Location:	Various throughout City		
Purpose:	Rehabilitate structurally deficient sewer lines without excavation		
Description:	Sanitary Sewer Cured-In-Place Lining Manhole to Manhole		
Relation to other Projects or Plans.	Sanitary Sewer Improvement Project, Sanitary Sewer Inspection Project		

Activity:	Type:	Infrastructure Element:			Priority:
☐ Maintenance	☑ Continuing	☐ Streets	☐ Water	☐ Sidewalks & Trails	☑ Top
☑ Improvement	☐ New	☑ Sanitary Sewer	☐ Traffic	☐ Econ. Develop.	☐ High
☐ Other	☐ Other	☐ Storm Sewer	☐ Bldgs & Grounds	☐ Other	☐ Medium

Comments:
Use the space below to provide information on the project estimate and time frame.
Please provide sufficient information to enable others to understand the basis of your estimate.

Trenchless technology used to upgrade deteriorating underground sewers. This work inserts a liner in sewer pipes to structurally improve and strengthen the pipe system. The cured in place liner creates a new 50 year design life pipe within the existing sewer pipe; lining is the most economical sewer pipe rehabilitation process.

Project locations have not been identified at this time. This work is generally identified through the televised inspections. Ideal locations for this type of lining will be pipes that have structural deficiencies, root penetrations, and visible inflow and infiltration. Other locations to include are pipes that have reached the end of their useful design life.

This project will be designed by Engineering Division staff engineers.

Submitted By:	Paul Caswell			Five Year Plan					Future Years			
Date:		**Fiscal Year**	**FY 2019**	**FY 2020**	**FY 2021**	**FY 2022**	**FY 2023**	**FY 2024**	**FY 2025**	**FY 2026**	**FY 2027**	
Item	**Vendor**	**Percent Complete**	**Current Year Estimate**	**Budget Year Plan Year 1**	**Plan Year 2**	**Plan Year 3**	**Plan Year 4**	**Plan Year 5**	**Plan Year 6**	**Plan Year 7**	**Plan Year 8**	**Total Project Cost**
Planning	City Staff											$0
Preliminary Design	City Staff											$0
Final Design	City Staff											$0
Legal	City Staff											$0
ROW & Easements	City Staff											$0
Construction CP 18-28	Contractor		$373,864	$0								$373,864
Construction CP 19-28	City Staff		$250,000	$242,635								$492,635
Construction 2020 on	City Staff			$600,000	$600,000	$500,000	$500,000	$500,000	$500,000	$500,000	$500,000	$4,200,000
Misc. Supplies	City Staff											$0
Total Project Costs			$623,864	$842,635	$600,000	$500,000	$500,000	$500,000	$500,000	$500,000	$500,000	$5,066,499

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	Sanitary Sewer Inspection Program	Organization Number:	79487906
Department or Organization:	Public Works	Object Number:	489030
Location:	City Wide		
Purpose:	Preventative maintenance, emergency analysis, special studies		
Description:	CCTV Inspections for the Annual, Overlay, Emergency and Miscellaneous Programs		
Relation to other Projects or Plans.	Sanitary Sewer Cleaning, Asset Management, Manhole Inspections		

Activity:	**Type:**	**Infrastructure Element:**			**Priority:**	
☑ Maintenance	☑ Continuing	☐ Streets	☐ Water	☐ Sidewalks & Trails	☑ Top	**Comments:** Use the space below to provide information on the project estimate and time frame. Please provide sufficient information to enable others to understand the basis of your estimate.
☐ Improvement	☐ New	☑ Sanitary Sewer	☐ Traffic	☐ Econ. Develop.	☐ High	
☐ Other	☐ Other	☐ Storm Sewer	☐ Bldgs & Grounds	☐ Other	☐ Medium	

Contract to perform inspections of the City's sewer system. The purpose of these inspections fall into six different programs:

1. Annual Program - Planned Closed Circuit Television (CCTV) sewer inspections as chosen by Public Works Staff.

2. Overlay Program - Sewers located under roads proposed to be resurfaced or reconstructed are televised the winter before the work will take place. If the sewer is in poor condition, the streets will not be resurfaced or reconstructed until the sewers are rehabilitated first.

3. Emergency Inspections - Emergency Sewer inspections are unplanned inspections that are required due to sinkholes and sewer backups that occur throughout the year. Services may also include smoke testing, dye testing or other investigative services.

4. Sewer Cleaning - In many instances, City crews are needed to clean sewer lines before a sewer can be televised because of roots, debris and grease. This prevents the City Crews from cleaning other sewers that are scheduled to be cleaned. This Contract will now include a price for cleaning so the inspection contractor can clean as necessary so televising can be completed.

6. Point Repairs - This program is used when structural deficiencies are found by the CCTV inspections. The pipe is typically in emergency condition and where cured in place long lining cannot be performed. This will also include when the sewer is under the design life of the sewer and failure is due to improper installation.

A new three year televising project is planned to begin in 2019. This project will include some funding from the Stormwater Fund. With the approved CMOM from the EPA, it is expected that televised inspections will become much more important to the City's efforts to reduce inflow and infiltration and asset management.

Submitted By:	Paul Caswell			**Five Year Plan**					**Future Years**			
Date:		**Prior Years**	**FY 2019**	**FY 2020**	**FY 2021**	**FY 2022**	**FY 2023**	**FY 2024**	**FY 2025**	**FY 2026**	**FY 2027**	
Item	**Vendor**	**Actual Expenses**	**Current Year Estimate**	**Budget Year Plan Year 1**	**Plan Year 2**	**Plan Year 3**	**Plan Year 4**	**Plan Year 5**	**Plan Year 6**	**Plan Year 7**	**Plan Year 8**	**Total Project Cost**
Planning	City Staff											$0
Preliminary Design	City Staff											$0
Final Design	City Staff											$0
Inspection CP 19-19 YR 1	TSI	$0	$400,000									$400,000
Inspection CP 19-19 YR 2	TSI	$0		$400,000								$400,000
Inspection CP 19-19 YR 3	TSI	$0			$400,000							$400,000
Inspection Future	Contractor					$450,000	$450,000	$450,000	$450,000	$450,000	$450,000	$2,700,000
Total Project Costs		$0	$400,000	$400,000	$400,000	$450,000	$450,000	$450,000	$450,000	$450,000	$450,000	$3,900,000

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	Sanitary Sewer Cleaning	Organization Number:	79487906
Department or Organization:	Public Works	Object Number:	489030
Location:	Various throughout City		
Purpose:	Cleaning of sewer lines as a maintenance measure or to assist TV Inspections		
Description:	Provide additional sewer cleaning		
Relation to other Projects or Plans.	Maintenance Sanitary Sewers Clean & Deroot		

Activity:	Type:	Infrastructure Element:			Priority:	Comments:
☑ Maintenance	☑ Continuing	☐ Streets	☐ Water	☐ Sidewalks & Trails	☐ Top	Use the space below to provide information on the project estimate and time frame.
☐ Improvement	☐ New	☑ Sanitary Sewer	☐ Traffic	☐ Econ. Develop.	☑ High	Please provide sufficient information to enable others to understand the basis of your estimate.
☐ Other	☐ Other	☐ Storm Sewer	☐ Bldgs & Grounds	☐ Other	☐ Medium	

On many instances, City crews are needed to clean sewer lines before a sewer can be televised because of roots, debris and grease. This prevents the City Crews from cleaning other sewers that are scheduled to be cleaned. The City crews currently staff all available resources on cleaning sewers that have been identified as having 80% of the known problems in the system like grease, roots, SSO's and sewer backups.

The Sanitary Sewer Cleaning Project is planned to begin in FY 2020. The City has started a 5 year cleaning cycle of all sanitary sewers. The City will start year 4 in FY 2020 City Crews have been able to meet current the cleaning goals. This project will address sewers greater than 18" in diameter where CCTV and man entry is needed to assist the cleaning process.

Submitted By:	Paul Caswell			Five Year Plan					Future Years			
Date:		Fiscal Year	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Item	Vendor	Percent Complete	Current Year Estimate	Budget Year Plan Year 1	Plan Year 2	Plan Year 3	Plan Year 4	Plan Year 5	Plan Year 6	Plan Year 7	Plan Year 8	Total Project Cost
Planning	City Staff	0%										$0
Preliminary Design	City Staff	0%										$0
Final Design	City Staff	0%										$0
Legal	City Staff	0%										$0
ROW & Easements	City Staff	0%										$0
Construction		0%	$0	$200,000	$200,000	$100,000	$100,000	$100,000	$100,000	$100,000	$100,000	$1,000,000
Const. Engineering	City Staff	0%										$0
Project Management	City Staff	0%										$0
Misc. Supplies		0%										$0
Total Project Costs			$0	$200,000	$200,000	$100,000	$100,000	$100,000	$100,000	$100,000	$100,000	$1,000,000

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	Sanitary Sewer Manhole Rehabilitation	Organization Number:	79487906
Department or Organization:	Public Works	Object Number:	489030
Location:	City Wide		
Purpose:	Eliminate inflow and infiltration in manholes. Structurally reinforce deteriorating structures without excavating to extend service life		
Description:	Lining and rehabilitation techniques		
Relation to other Projects or Plans.	Misc. Sanitary Sewer Rehab		

Activity:	Type:	Infrastructure Element:			Priority:	Comments:
☐ Maintenance	☑ Continuing	☐ Streets	☐ Water	☐ Sidewalks & Trails	☐ Top	Use the space below to provide information on the project estimate and time frame.
☑ Improvement	☐ New	☑ Sanitary Sewer	☐ Traffic	☐ Econ. Develop.	☑ High	Please provide sufficient information to enable others to understand the basis of your estimate.
☐ Other	☐ Other	☐ Storm Sewer	☐ Bldgs & Grounds	☐ Other	☐ Medium	

Defective joints and cracks along the walls of manholes could cause a failure to occur. The joints and cracks will also allow infiltration into the sanitary sewer system, increasing the amount of flow in the pipe, decreasing the available capacity for wastewater which can cause sanitary sewer overflows and basement backups.

Manhole rehabilitation can be accomplished by cementations, cured in place, or epoxy linings, by means of spraying or placing a liner on the walls of the manhole to provide an economical rehabilitation.

The project will be compiled from the current manhole inspections program and other known problem areas.

Submitted By:	Paul Caswell			Five Year Plan					Future Years			
Date:		Fiscal Year	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Item	Vendor	Percent Complete	Current Year Estimate	Budget Year Plan Year 1	Plan Year 2	Plan Year 3	Plan Year 4	Plan Year 5	Plan Year 6	Plan Year 7	Plan Year 8	Total Project Cost
Planning	City Staff	0%										$0
Preliminary Design	City Staff	0%										$0
Final Design	City Staff	0%										$0
Legal	City Staff	0%										$0
ROW & Easements	City Staff	0%										$0
Construction 2019		0%	$192,080									$192,080
Construction				$250,000	$250,000	$250,000	$250,000	$250,000	$250,000	$250,000	$250,000	
Const. Engineering	City Staff	0%										$0
Project Management	City Staff	0%										$0
Misc. Supplies	City Staff	0%										$0
Total Project Costs			$192,080	$250,000	$250,000	$250,000	$250,000	$250,000	$250,000	$250,000	$250,000	$192,080

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	Sanitary Sewer Asset Management Plan	Organization Number:	79487906
Department or Organization:	Public Works	Object Number:	489030
Location:	City Wide		
Purpose:	Develop an asset management plan		
Description:	Obtain professional services to help develop an asset management system for City sewers		
Relation to other Projects or Plans.	Sanitary Sewer Master Plan		

Activity:	Type:	Infrastructure Element:			Priority:	Comments:
☐ Maintenance	☐ Continuing	☐ Streets	☐ Water	☐ Sidewalks & Trails	☐ Top	Use the space below to provide information on the project estimate and time frame.
☐ Improvement	☑ New	☑ Sanitary Sewer	☐ Traffic	☐ Econ. Develop.	☑ High	Please provide sufficient information to enable others to understand the basis of your estimate.
☑ Other	☐ Other	☐ Storm Sewer	☐ Bldgs & Grounds	☐ Other	☐ Medium	

An Asset Management Plan will create a business model for the managing and maintaining of the sanitary sewer system.

The Plan includes a complete inventory, an accurate condition assessment, the life span, the present worth cost, the projected replacement cost and a sustainable service level for the sanitary systems assets.

Steps:

Upgrade CCTV Software - Complete

Select Asset Management Software: est completion Spring of 2020

Purchase software: Fall 2020

Start Implementation: Spring 2021

Submitted By:	Paul Caswell			Five Year Plan					Future Years			
Date:		Fiscal Year	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Item	Vendor	Percent Complete	Current Year Estimate	Budget Year Plan Year 1	Plan Year 2	Plan Year 3	Plan Year 4	Plan Year 5	Plan Year 6	Plan Year 7	Plan Year 8	Total Project Cost
Planning	City Staff	0%										$0
Preliminary Design	City Staff	0%										$0
Final Design	City Staff	0%	$0	$200,000	$200,000							$400,000
Legal	City Staff	0%										$0
ROW & Easements	City Staff	0%										$0
Construction		0%										$0
Const. Engineering	City Staff	0%										$0
Project Management	City Staff	0%										$0
Misc. Supplies	City Staff	0%										$0
Total Project Costs			$0	$200,000	$200,000	$0	$0	$0	$0	$0	$0	$400,000

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	Sanitary Sewer Herbicide Root Control	Organization Number:	79487906
Department or Organization:	Public Works	Object Number:	489030
Location:	Various throughout City		
Purpose:	Chemically treat sewer lines to discourage root penetration and blockage of sewers		
Description:	Application of a foaming herbicide that kills roots inside of sewer pipes.		
Relation to other Projects or Plans.	Maintenance Sanitary Sewers Clean & Deroot		

Activity:	Type:	Infrastructure Element:			Priority:	Comments:
☑ Maintenance	☑ Continuing	☐ Streets	☐ Water	☐ Sidewalks & Trails	☐ Top	Use the space below to provide information on the project estimate and time frame.
☐ Improvement	☐ New	☑ Sanitary Sewer	☐ Traffic	☐ Econ. Develop.	☐ High	Please provide sufficient information to enable others to understand the basis of your estimate.
☐ Other	☐ Other	☐ Storm Sewer	☐ Bldgs & Grounds	☐ Other	☑ Medium	

Herbicide Root Control is proposed for sewers that are prone to root intrusion. These sewers are typically in older established neighborhoods with mature trees or in wooded areas.

Roots in sewers can lead to blockages, sanitary sewer overflows, and sewer backups. Herbicide root control kills the roots inside the pipe and slows root growth for one to two years. Continual use of the herbicide on the pipe can inhibit the growth for three to five years. Without the use of herbicide on known root intrusion lines, root cutting the lines is necessary.

The Project is proposed to be bid as a three year project.

Submitted By:	Paul Caswell			Five Year Plan					Future Years			
Date:		Prior Years	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Item	Vendor	Actual Expenses	Current Year Estimate	Budget Year Plan Year 1	Plan Year 2	Plan Year 3	Plan Year 4	Plan Year 5	Plan Year 6	Plan Year 7	Plan Year 8	Total Project Cost
Planning	City Staff											$0
Preliminary Design	City Staff											$0
Final Design	City Staff											$0
Root Control CP 20-31 YR 1	Contractor			$200,000								$200,000
Root Control CP 20-31 YR 2	Contractor				$200,000							$200,000
Root Control CP 20-31 YR 3	Contractor		$0			$200,000						$200,000
Root Control Future	Contractor						$200,000	$200,000	$100,000	$100,000	$100,000	$700,000
Project Management	City Staff											$0
Misc. Supplies	City Staff											$0
Total Project Costs			$0	$200,000	$200,000	$200,000	$200,000	$200,000	$100,000	$100,000	$100,000	$1,300,000

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	Overhead Sewer Program	Organization Number:	79487906
Department or Organization:	Public Works	Object Number:	489030
Location:	City Wide		
Purpose:	Cost-share program for overhead sewers		
Description:	Pay a portion of the cost to install an overhead sewer in houses that are prone to sanitary sewer backups		
Relation to other Projects or Plans.			

Activity:	Type:	Infrastructure Element:			Priority:	Comments:
☐ Maintenance	☑ Continuing	☐ Streets	☐ Water	☐ Sidewalks & Trails	☐ Top	Use the space below to provide information on the project estimate and time frame.
☑ Improvement	☐ New	☑ Sanitary Sewer	☐ Traffic	☐ Econ. Develop.	☑ High	Please provide sufficient information to enable others to understand the basis of your estimate.
☐ Other	☐ Other	☐ Storm Sewer	☐ Bldgs & Grounds	☐ Other	☐ Medium	

Joint program with the Sanitary District of Decatur to pay 75% of the cost to install an overhead sewer system to stop sanitary sewer backups, up to a maximum reimbursement of $5,625. The City Council authorized $187,500 for this work.

The City pays 1/2 of the installation cost and the Sanitary District of Decatur pays 1/4 of the installation cost up to a maximum installation cost of $7,500. The homeowner pays the remaining amount.

For FY 2020 I propose we overhaul the Sanitary Sewer Backup Prevention Program (SSBPP). The SSBPP currently provides funding for property owners to install a backup prevention device. The SSBPP covers 75% of the cost up to a maximum project cost of $7,500. The SSBPP has successfully installed 34 devices since 2009 but with an average cost of $5,600 it has been difficult for the property owner to cover their 25% portion.

The SSBPP requirements remain the same except for the following:

1.Provide funding up to a max installation cost of $7,500 except for a $250 property owner copay.
2.Copay can be waived if property owners meet the requirements as provided in the City of Decatur Emergency Program. The program is based on US Department of Housing and Urban Development Income guidelines.
3.Property must reside in a combined sewer area or identified high inflow and infiltration area as identified by the master plan and provide proof of prior backup. Properties outside of the identified areas must provide proof of backup and Public Work's Director approval.
4.The program will be open until budgeted funds are exhausted.

Submitted By:	Paul Caswell			Five Year Plan					Future Years			
Date:		Fiscal Year	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Item	Vendor	Percent Complete	Current Year Estimate	Budget Year Plan Year 1	Plan Year 2	Plan Year 3	Plan Year 4	Plan Year 5	Plan Year 6	Plan Year 7	Plan Year 8	Total Project Cost
Planning		0%										$0
Preliminary Design		0%										$0
Final Design		0%										$0
Legal		0%										$0
ROW & Easements		0%										$0
Construction	Various	0%	$15,000	$150,000	$200,000	$200,000	$50,000	$50,000	$50,000	$50,000	$50,000	$815,000
Const. Engineering		0%										$0
Project Management		0%										$0
Misc. Supplies		0%										$0
Total Project Costs			$15,000	$150,000	$200,000	$200,000	$50,000	$50,000	$50,000	$50,000	$50,000	$815,000

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	Sanitary Manhole Inspections	Organization Number:	79487906
Department or Organization:	Public Works	Object Number:	489030
Location:	City Wide		
Purpose:	Populate attributes in GIS map. Identify manholes to be rehabilitated.		
Description:	Inspection with a standardized format, including video		
Relation to other Projects or Plans.			

Activity:	Type:	Infrastructure Element:			Priority:	Comments:
☑ Maintenance	☑ Continuing	☐ Streets	☐ Water	☑ Sidewalks & Trails	☐ Top	Use the space below to provide information on the project estimate and time frame.
☐ Improvement	☐ New	☑ Sanitary Sewer	☑ Traffic	☐ Econ. Develop.	☑ High	Please provide sufficient information to enable others to understand the basis of your estimate.
☐ Other	☐ Other	☐ Storm Sewer	☐ Bldgs & Grounds	☐ Other	☐ Medium	

There are currently 5,500 sanitary manholes identified in the City's sanitary sewer system.

The City's Capacity, Management, Operation and Maintenance Plan (CMOM) requires a 10 yr Inspection cycle of the City's sewer system

This project would inspect the manholes associated with the sewer main inspection rather than one large project inspecting all the manholes every 10 yrs

Project is estimated at $100 per manhole

Submitted By:	Paul Caswell			Five Year Plan					Future Years			
Date:		Fiscal Year	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Item	Vendor	Percent Complete	Current Year Estimate	Budget Year Plan Year 1	Plan Year 2	Plan Year 3	Plan Year 4	Plan Year 5	Plan Year 6	Plan Year 7	Plan Year 8	Total Project Cost
Planning		0%										$0
Preliminary Design		0%										$0
Final Design		0%										$0
Legal		0%										$0
ROW & Easements		0%										$0
Construction	Contractor	0%	$0	$75,000	$75,000	$75,000	$75,000	$75,000	$75,000	$75,000	$75,000	$600,000
Const. Engineering		0%										$0
Project Management		0%										$0
Misc. Supplies		0%										$0
Total Project Costs			$0	$75,000	$75,000	$75,000	$75,000	$75,000	$75,000	$75,000	$75,000	$600,000

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	Sewer Collection System Alternatives Analysis (SCSAA) Study and Capacity, Management, Operation & Maintenance (CMOM) Program	Organization Number:	79487906
Department or Organization:	Public Works	Object Number:	489030
Location:	Citywide		
Purpose:	To Identify and eliminate Inflow and Infiltration (I&I)		
Description:	Prepare a plan to identify and eliminate I&I		
Relation to other Projects or Plans.	Sanitary Sewer Master Plan		

Activity:	Type:	Infrastructure Element:			Priority:	Comments:
☑ Maintenance	☐ Continuing	☐ Streets	☐ Water	☐ Sidewalks & Trails	☑ Top	Use the space below to provide information on the project estimate and time frame.
☑ Improvement	☑ New	☑ Sanitary Sewer	☐ Traffic	☐ Econ. Develop.	☐ High	Please provide sufficient information to enable others to understand the basis of your estimate.
☐ Other	☐ Other	☐ Storm Sewer	☐ Bldgs & Grounds	☐ Other	☐ Medium	

Analyze the City sanitary sewer system to prepare a plan to identify and eliminate the Inflow and Infiltration I/I in the system. In addition, a Capacity, Management, Operation & Maintenance (CMOM) Program will be outlined and written.

The City retained the services of AECOM to perform a CMOM and SCSAA to comply with the EPA Consent Order approved on September 21, 2015.

The City submitted the SCSAA to US EPA on April 12, 2016, revised per comments on November 4, 2016, and provided additional revisions per additional comments on November 30, 2017. The City is currently awaiting review comments or approval from the November 30, 2017 submittal. The SCSAA includes I/I reduction efforts in Target Areas 3, 6, 8, and 9.

The CMOM was approved by US EPA on May 1, 2018 and has been implemented.

Submitted By:	Paul Caswell			Five Year Plan					Future Years			
Date:		Fiscal Year	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Item	Vendor	Percent Complete	Current Year Estimate	Budget Year Plan Year 1	Plan Year 2	Plan Year 3	Plan Year 4	Plan Year 5	Plan Year 6	Plan Year 7	Plan Year 8	Total Project Cost
Planning	AECOM	60%										$0
SSA/CMOM Outline	AECOM CP 13-01	0%										$0
SSA Design		0%	$15,000	$133,655								$148,655
CMOM Implementation		0%										$0
SSA Implementation		0%										$0
Const. Engineering		0%										$0
Project Management		0%										$0
Misc. Supplies		0%										$0
Total Project Costs			$15,000	$133,655	$0	$0	$0	$0	$0	$0	$0	$148,655

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	SCSAA Program: Target Area Flow Metering, CP 2017-01	Organization Number:	79487906
Department or Organization:	Public Works	Object Number:	489030
Location:	City Wide		
Purpose:	To Identify and eliminate Inflow and Infiltration (I&I)		
Description:	Prepare a plan to identify and eliminate I&I		
Relation to other Projects or Plans.	Sanitary Sewer Master Plan		

Activity:	Type:	Infrastructure Element:			Priority:	Comments:
☑ Maintenance	☐ Continuing	☐ Streets	☐ Water	☐ Sidewalks & Trails	☑ Top	Use the space below to provide information on the project estimate and time frame.
☑ Improvement	☑ New	☑ Sanitary Sewer	☐ Traffic	☐ Econ. Develop.	☐ High	Please provide sufficient information to enable others to understand the basis of your estimate.
☐ Other	☐ Other	☐ Storm Sewer	☐ Bldgs & Grounds	☐ Other	☐ Medium	

The City retained the services of ADS Environmental and completed a flow metering study within all the target area identified by the Master Plan. The study will quantify the RDII (rain induced inflow and infiltration) and will assist staff on prioritizing future I/I reduction studies and system models.

Submitted By:	Paul Caswell			Five Year Plan					Future Years			
Date:		Fiscal Year	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Item	Vendor	Percent Complete	Current Year Estimate	Budget Year Plan Year 1	Plan Year 2	Plan Year 3	Plan Year 4	Plan Year 5	Plan Year 6	Plan Year 7	Plan Year 8	Total Project Cost
Planning		0%										$0
Preliminary Design		0%										$0
Final Design		0%	$18,369	$0								$18,369
Legal		0%										$0
ROW & Easements		0%										
Construction		0%										$0
Const. Engineering		0%										$0
Project Management		0%										$0
Misc. Supplies		0%										$0
Total Project Costs			$18,369	$0	$0	$0	$0	$0	$0	$0	$0	$18,369

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	SCSAA Program: Target Area 3, Lost Bridge North I&I Reduction Project, CP 2017-02	Organization Number:	79487906
Department or Organization:	Public Works	Object Number:	489030
Location:	City Wide		
Purpose:	To Identify and eliminate Inflow and Infiltration (I&I)		
Description:	Prepare a plan to identify and eliminate I&I		
Relation to other Projects or Plans.	Sanitary Sewer Master Plan		

Activity:	Type:	Infrastructure Element:			Priority:	Comments:
☑ Maintenance	☐ Continuing	☐ Streets	☐ Water	☐ Sidewalks & Trails	☑ Top	Use the space below to provide information on the project estimate and time frame.
☑ Improvement	☑ New	☑ Sanitary Sewer	☐ Traffic	☐ Econ. Develop.	☐ High	Please provide sufficient information to enable others to understand the basis of your estimate.
☐ Other	☐ Other	☐ Storm Sewer	☐ Bldgs & Grounds	☐ Other	☐ Medium	

The City retained the services of CMT to complete an I&I reduction study of the area aimed at reducing sanitary sewer overflows and basement backups. System improvements will be designed to achieve the required I&I reduction goals.

Target Area #3N (North Lost Bridge Road) is located in the southeastern part of the City, along the east shore of Lake Decatur. The area is bound to the North and west by Cantrell and Country Club, to the South by Orchard, to the East by 36th St. The Study included flow metering review, SSES activities, Sump Pump Inspections, a hydraulic model preparation and a report with proposed construction alternatives. Prices reflect the proposed selected alternative.

The Preliminary Report was submitted for USEPA approval on November 30, 2017. The project is on hold until the City receives USEPA concurrence

Submitted By:	Paul Caswell			Five Year Plan					Future Years			
Date:		**Fiscal Year**	**FY 2019**	**FY 2020**	**FY 2021**	**FY 2022**	**FY 2023**	**FY 2024**	**FY 2025**	**FY 2026**	**FY 2027**	
Item	**Vendor**	**Percent Complete**	**Current Year Estimate**	**Budget Year Plan Year 1**	**Plan Year 2**	**Plan Year 3**	**Plan Year 4**	**Plan Year 5**	**Plan Year 6**	**Plan Year 7**	**Plan Year 8**	**Total Project Cost**
Planning		0%										$0
Preliminary Design		0%	$15,000	$50,000								$65,000
Final Design		0%		$400,000								$400,000
Legal		0%										$0
ROW & Easements		0%										
Construction		0%			$6,300,000							$6,300,000
Const. Engineering		0%			$500,000							$500,000
Project Management		0%				$50,000						$50,000
Misc. Supplies		0%										$0
Total Project Costs			$15,000	$450,000	$6,800,000	$50,000	$0	$0	$0	$0	$0	$7,315,000

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	SCSAA Program: Target Area 6, Florian Area I&I Reduction Project, CP 2017-02	Organization Number:	79487906
Department or Organization:	Public Works	Object Number:	489030
Location:	Citywide		
Purpose:	To Identify and eliminate Inflow and Infiltration (I&I)		
Description:	Prepare a plan to identify and eliminate I&I		
Relation to other Projects or Plans.	Sanitary Sewer Master Plan		

Activity:	**Type:**	**Infrastructure Element:**			**Priority:**	**Comments:**
☑ Maintenance	☐ Continuing	☐ Streets	☐ Water	☐ Sidewalks & Trails	☑ Top	Use the space below to provide information on the project estimate and time frame.
☑ Improvement	☑ New	☑ Sanitary Sewer	☐ Traffic	☐ Econ. Develop.	☐ High	Please provide sufficient information to enable others to understand the basis of your estimate.
☐ Other	☐ Other	☐ Storm Sewer	☐ Bldgs & Grounds	☐ Other	☐ Medium	

The City retained the services of CMT to complete an I&I reduction study of the area aimed at reducing sanitary sewer overflows and basement backups. System improvements will be designed to achieve the required I&I reduction goals.

Target Area #6 (Florian Avenue) is located in the west part of the City near Oak Grove Park. The area is bound to the north by West Hoyt Court and West Harding Avenue, to the south by West Center Street, to the west by Stevens Creek and to the east by North Summit Avenue. The Study included flow metering review, SSES activities, Sump Pump Inspections, a hydraulic model preparation and a report with proposed construction alternatives. Prices reflect the proposed selected alternative.

The Preliminary Report was submitted for USEPA approval on November 30, 2017. The project is on hold until the City receives USEPA concurrence

Submitted By:	Paul Caswell			Five Year Plan					Future Years			
Date:		**Fiscal Year**	**FY 2019**	**FY 2020**	**FY 2021**	**FY 2022**	**FY 2023**	**FY 2024**	**FY 2025**	**FY 2026**	**FY 2027**	
Item	**Vendor**	**Percent Complete**	**Current Year Estimate**	**Budget Year Plan Year 1**	**Plan Year 2**	**Plan Year 3**	**Plan Year 4**	**Plan Year 5**	**Plan Year 6**	**Plan Year 7**	**Plan Year 8**	**Total Project Cost**
Planning		0%										$0
Preliminary Design		0%		$100,000								$100,000
Final Design		0%			$300,000							$300,000
Legal		0%										$0
ROW & Easements		0%										
Construction		0%				$3,000,000						$3,000,000
Const. Engineering		0%				$300,000						$300,000
Project Management		0%					$50,000					$50,000
Misc. Supplies		0%										$0
Total Project Costs			$0	$100,000	$300,000	$3,300,000	$50,000	$0	$0	$0	$0	$3,750,000

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	SCSAA Program: Target Area 8, Basin 5/6 I/I Reduction Project	Organization Number:	79487906
Department or Organization:	Public Works	Object Number:	489030
Location:	Basin 5/6 Grand and Oakland		
Purpose:	To Identify and eliminate Inflow and Infiltration (I&I)		
Description:	Prepare a plan to identify and eliminate I&I		
Relation to other Projects or Plans.	Sanitary Sewer Master Plan		

Activity:	Type:	Infrastructure Element:			Priority:	Comments:
☑ Maintenance	☐ Continuing	☐ Streets	☐ Water	☐ Sidewalks & Trails	☑ Top	Use the space below to provide information on the project estimate and time frame.
☑ Improvement	☑ New	☑ Sanitary Sewer	☐ Traffic	☐ Econ. Develop.	☐ High	Please provide sufficient information to enable others to understand the basis of your estimate.
☐ Other	☐ Other	☐ Storm Sewer	☐ Bldgs & Grounds	☐ Other	☐ Medium	

The City retained the services of AECOM to complete an I&I reduction study of the area aimed at reducing sanitary sewer overflows and basement backups. System improvements will be designed to achieve the required I&I reduction goals.

Target Area #8 Basin 5/6 is located in the west part of the City near Grand and Oakland. Avenue. The Study included flow metering review, SSES activities, Sump Pump Inspections, a hydraulic model preparation and a report with proposed construction alternatives. Prices reflect the proposed selected alternative.

The Preliminary Report was submitted for USEPA approval on November 30, 2017. The project is on hold until the City receives USEPA concurrence

Submitted By:	Paul Caswell			Five Year Plan					Future Years			
Date:		**Fiscal Year**	**FY 2019**	**FY 2020**	**FY 2021**	**FY 2022**	**FY 2023**	**FY 2024**	**FY 2025**	**FY 2026**	**FY 2027**	
Item	**Vendor**	**Percent Complete**	**Current Year Estimate**	**Budget Year Plan Year 1**	**Plan Year 2**	**Plan Year 3**	**Plan Year 4**	**Plan Year 5**	**Plan Year 6**	**Plan Year 7**	**Plan Year 8**	**Total Project Cost**
Planning		0%										$0
Preliminary Design		0%										$0
Final Design		0%		$200,000	$700,000							$900,000
Legal		0%										$0
ROW & Easements		0%										
Construction		0%				$5,000,000	$5,000,000					$10,000,000
Const. Engineering		0%				$450,000	$450,000					$900,000
Project Management		0%					$50,000					$50,000
Misc. Supplies		0%										$0
Total Project Costs			$0	$200,000	$700,000	$5,450,000	$5,500,000	$0	$0	$0	$0	$11,850,000

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	SCSAA Program: Target Area 9, Ellen and Division I/I Reduction Project, CP 2018-01	Organization Number:	79487906
Department or Organization:	Public Works	Object Number:	489030
Location:	Ellen and Division		
Purpose:	To Identify and eliminate Inflow and Infiltration (I&I)		
Description:	Prepare a plan to identify and eliminate I&I		
Relation to other Projects or Plans.	Sanitary Sewer Master Plan		

Activity:	Type:	Infrastructure Element:			Priority:	Comments:
☑ Maintenance	☐ Continuing	☐ Streets	☐ Water	☐ Sidewalks & Trails	☑ Top	Use the space below to provide information on the project estimate and time frame.
☑ Improvement	☑ New	☑ Sanitary Sewer	☐ Traffic	☐ Econ. Develop.	☐ High	Please provide sufficient information to enable others to understand the basis of your estimate.
☐ Other	☐ Other	☐ Storm Sewer	☐ Bldgs & Grounds	☐ Other	☐ Medium	

The City retained the services of AECOM to complete an I&I reduction study of the area aimed at reducing sanitary sewer overflows and basement backups. System improvements will be designed to achieve the required I&I reduction goals.

Target Area #9 (Ellen and Division) is located in the west part of the City near Graceland Cemetery. The area is bound to the North by West Summit Ave, to the South by Grand Ave, to the East by Fairview and to the North by Garfield Ave. The Study included flow metering review, SSES activities, Sump Pump Inspections, a hydraulic model preparation and a report with proposed construction alternatives. Prices reflect the proposed selected alternative.

Submitted By:	Paul Caswell			Five Year Plan					Future Years			
Date:		**Fiscal Year**	**FY 2019**	**FY 2020**	**FY 2021**	**FY 2022**	**FY 2023**	**FY 2024**	**FY 2025**	**FY 2026**	**FY 2027**	
Item	**Vendor**	**Percent Complete**	**Current Year Estimate**	**Budget Year Plan Year 1**	**Plan Year 2**	**Plan Year 3**	**Plan Year 4**	**Plan Year 5**	**Plan Year 6**	**Plan Year 7**	**Plan Year 8**	**Total Project Cost**
Planning		0%										$0
Preliminary Design		0%	$75,000									$75,000
Final Design		0%		$400,000								$400,000
Legal		0%										$0
ROW & Easements		0%										
Construction		0%			$3,500,000							$3,500,000
Const. Engineering		0%			$350,000							$350,000
Project Management		0%				$50,000						$50,000
Misc. Supplies		0%										$0
Total Project Costs			$75,000	$400,000	$3,850,000	$50,000	$0	$0	$0	$0	$0	$4,375,000

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	32nd and Fulton Area Wide Drainage Improvements, CP 2016-04	Organization Number:	78487806
Department or Organization:	Public Works	Object Number:	489030
Location:	East Side of the City from Country Club to Baltimore Road (E-W) and Maryland to Rt. 36 (N-S)		
Purpose:	Reduce flooding throughout the neighborhood		
Description:	Solution to be determined during design		
Relation to other Projects or Plans.	Stormwater Master Plan, Overhead Sewer Program		

Activity:	Type:	Infrastructure Element:			Priority:
☐ Maintenance	☐ Continuing	☐ Streets	☐ Water	☐ Sidewalks & Trails	☐ Top
☑ Improvement	☑ New	☐ Sanitary Sewer	☐ Traffic	☐ Econ. Develop.	☐ High
☐ Other	☐ Other	☑ Storm Sewer	☐ Bldgs & Grounds	☐ Other	☐ Medium

Comments:
Use the space below to provide information on the project estimate and time frame.
Please provide sufficient information to enable others to understand the basis of your estimate.

This project was listed at the #3 priority area in the Stormwater Master Plan. The priority of this area has increased due to the need to reduce storm water induces inflow and infiltration into the sanitary sewer system serving this area. It is proposed that a portion of the necessary drainage improvements be allocated in the Sewer Fund due to the higher priority placed on this work in meeting the EPA requirement to reduce rainfall induced storm water in the sanitary sewer system.

Flooding is widespread throughout the area beginning at 32nd Street and extending East to approximately Blaine Lane.

An agreement was entered into with Farnsworth & Associates to provide a preliminary drainage review of the area. The estimated project costs are from that draft report dated September 7, 2017.

CP 2016-04

Submitted By:	Paul Caswell			Five Year Plan					Future Years			
Date:		Fiscal Year	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Item	Vendor	Percent Complete	Current Year Estimate	Budget Year Plan Year 1	Plan Year 2	Plan Year 3	Plan Year 4	Plan Year 5	Plan Year 6	Plan Year 7	Plan Year 8	Total Project Cost
Planning		0%										$0
Preliminary Design	Farnsworth	0%										$0
Final Design		0%	$90,000									$90,000
Legal		0%										$0
ROW & Easements		0%										$0
Construction		0%		$1,400,000								$1,400,000
Const. Engineering		0%										$0
Project Management		0%										$0
Misc. Supplies		0%										$0
Total Project Costs			$90,000	$1,400,000	$0	$0	$0	$0	$0	$0	$0	$1,490,000

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	7th Ward Critical Sewer Rehabilitation	Organization Number:	79487906
Department or Organization:	Public Works	Object Number:	489030
Location:	The 7th Ward sewer serves the area centered on Monroe, south of Grand, extending through Fairview Park to the west end of Sunset Avenue.		
Purpose:	Complete the design of the sewer rehabilitation and construct the improvements.		
Description:	Rehabilitate the 7th Ward sewers.		
Relation to other Projects or Plans.	Sanitary Sewer Master Plan, Critical Sewers Facility Plan		

Activity:	Type:	Infrastructure Element:			Priority:	Comments:
☐ Maintenance	☑ Continuing	☐ Streets	☐ Water	☐ Sidewalks & Trails	☑ Top	Use the space below to provide information on the project estimate and time frame.
☑ Improvement	☐ New	☑ Sanitary Sewer	☐ Traffic	☐ Econ. Develop.	☐ High	Please provide sufficient information to enable others to understand the basis of your estimate.
☐ Other	☐ Other	☐ Storm Sewer	☐ Bldgs & Grounds	☐ Other	☐ Medium	

Project will design construction plans and specifications for the rehabilitation of the 7th Ward sewer. Rehabilitation will consist mostly of lining the existing sewers with CIP lining and lining the manholes with gunite. The sewer ranges in size from 42 to 72 inches in diameter.

The City entered into a design agreement in 2015 with BGM Engineering to design the proposed improvements.

The City has received for a low interest loan through the IEPA.

Project is Complete

Submitted By:	Paul Caswell			Five Year Plan					Future Years			
Date:		Fiscal Year	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Item	Vendor	Percent Complete	Current Year Estimate	Budget Year Plan Year 1	Plan Year 2	Plan Year 3	Plan Year 4	Plan Year 5	Plan Year 6	Plan Year 7	Plan Year 8	Total Project Cost
Planning	City Staff	0%										$0
Preliminary Design	City Staff	100%										$0
Final Design		50%										$0
Legal	City Staff	0%										$0
ROW & Easements	City Staff	0%										$0
Construction		0%										$0
Const. Engineering	City Staff	0%	$9,000									$9,000
Project Management	City Staff	0%										$0
Misc. Supplies	City Staff	0%										$0
Total Project Costs			$9,000	$0	$0	$0	$0	$0	$0	$0	$0	$9,000

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	McKinley Ave. Critical Sewer Rehabilitation, CP 2017-22	Organization Number:	79487906
Department or Organization:	Public Works	Object Number:	489030
Location:	The McKinley sewer serves the McKinley Area from Monroe Street to Jasper Street.		
Purpose:	Complete the design of the sewer rehabilitation and construct the improvements.		
Description:	Rehabilitate the McKinley Avenue sewers.		
Relation to other Projects or Plans.	Sanitary Sewer Master Plan, Critical Sewers Facility Plan		

Activity:	Type:	Infrastructure Element:			Priority:
☐ Maintenance	☐ Continuing	☐ Streets	☐ Water	☐ Sidewalks & Trails	☑ Top
☑ Improvement	☑ New	☑ Sanitary Sewer	☐ Traffic	☐ Econ. Develop.	☐ High
☐ Other	☐ Other	☐ Storm Sewer	☐ Bldgs & Grounds	☐ Other	☐ Medium

Comments:
Use the space below to provide information on the project estimate and time frame.
Please provide sufficient information to enable others to understand the basis of your estimate.

Project will design construction plans and specifications for the rehabilitation of the McKinley Ave sewers. Rehabilitation will consist mostly of lining the existing sewers with CIP lining and lining the manholes with gunite. The sewer ranges in size from 42 to 72 inches in diameter.

The City entered into a design agreement in 2015 with BGM Engineering to design the proposed improvements.

The City will apply for a low interest loan through the IEPA.

IEPA loan payments do not start until construction is completed Engineering design costs will be added to the loan and reimburse to the City after construction starts. Construction scheduled to begin in 2019 and be completed in 2020. It is estimated that 1/2 loan payment will be due in 2020. With an interest rate of 2%, the annual payments on a $6,000,000 loan will be approximately $365,467.

Submitted By:	Paul Caswell			Five Year Plan					Future Years			
Date:		Fiscal Year	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Item	Vendor	Percent Complete	Current Year Estimate	Budget Year Plan Year 1	Plan Year 2	Plan Year 3	Plan Year 4	Plan Year 5	Plan Year 6	Plan Year 7	Plan Year 8	Total Project Cost
Planning	City Staff	0%										$0
Preliminary Design	City Staff	100%										$0
Final Design		50%										$0
Legal	City Staff	0%										$0
ROW & Easements	City Staff	0%										$0
Construction		0%	$1,000,000	$4,222,777								$5,222,777
Const. Engineering	City Staff	0%	$200,000	$283,387								$483,387
Project Management	City Staff	0%										$0
Misc. Supplies	City Staff	0%										$0
Total Project Costs			$1,200,000	$4,506,164	$0	$0	$0	$0	$0	$0	$0	$5,706,164

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	Sump Pump Inspection Program	Organization Number:	79487906
Department or Organization:	Public Works	Object Number:	489030
Location:	City Wide		
Purpose:	Obtain professional services to inspect homes for sump pumps and discharge location		
Description:	It has been found in other areas around the City that sump pumps are occasionally tied into the sanitary sewer system		
Relation to other Projects or Plans.	Sanitary Sewer Master Plan, SSA Study and CMOM Program		

Activity:	Type:	Infrastructure Element:			Priority:	Comments:
☐ Maintenance	☑ Continuing	☐ Streets	☐ Water	☐ Sidewalks & Trails	☑ Top	Use the space below to provide information on the project estimate and time frame.
☐ Improvement	☐ New	☑ Sanitary Sewer	☐ Traffic	☐ Econ. Develop.	☐ High	Please provide sufficient information to enable others to understand the basis of your estimate.
☑ Other	☐ Other	☐ Storm Sewer	☐ Bldgs & Grounds	☐ Other	☐ Medium	

The Sump Pump Inspection Program establishes a unit price for inspection work which will consist of performing a physical/visual inspection of basements and crawl spaces for sump pumps and to verify that the discharge location meets the City Codes Chapter 74.

In other neighborhoods around the City sump pumps have been found connected to the sanitary sewer. In most neighborhoods an 8" sanitary sewer can serve the entire neighborhood, if sump pumps are indirectly connected to the sanitary sewer it would take less than 17 homes to consume the entire capacity of the sanitary sewer.

Sump pump inspections are one of the most cost effective (or "bang for you buck") ways to reduce the amount of Inflow and Infiltration (I&I) in the system. Neighborhoods to be targeted are high I&I areas in the non-combined (separate storm and sanitary) sewer areas. It is estimated that it will cost around $50 per resident for inspection.

Using the City's Utility Bill there are approximately 29,000 inspection locations. 29,000 inspections at $50 = $1,450,000. The price per year is estimated at $50,000

Submitted By:	Paul Caswell			Five Year Plan					Future Years			
Date:		**Fiscal Year**	**FY 2019**	**FY 2020**	**FY 2021**	**FY 2022**	**FY 2023**	**FY 2024**	**FY 2025**	**FY 2026**	**FY 2027**	
Item	**Vendor**	**Percent Complete**	**Current Year Estimate**	**Budget Year Plan Year 1**	**Plan Year 2**	**Plan Year 3**	**Plan Year 4**	**Plan Year 5**	**Plan Year 6**	**Plan Year 7**	**Plan Year 8**	**Total Project Cost**
Planning	City Staff	0%										$0
Preliminary Design	City Staff	0%										$0
Final Design	City Staff	0%										$0
Legal	City Staff	0%										$0
ROW & Easements	City Staff	0%										$0
Construction	City Staff	0%										$0
Inspections		0%				$50,000	$50,000	$50,000	$50,000	$50,000	$50,000	$300,000
		0%										$0
Misc. Supplies		0%										$0
Total Project Costs			$0	$0	$0	$50,000	$50,000	$50,000	$50,000	$50,000	$50,000	$300,000

City of Decatur
Capital Improvement Plan FY 2020 TO FY 2024

Project Title/Name:	Storm and Sanitary Sewer Master Plan Update	Organization Number:	78487806
Department or Organization:	Public Works	Object Number:	489040
Location:	City Wide		
Purpose:	Provide roadmap for Storm and Sanitary sewer improvements.		
Description:	Solution to be determined during design		
Relation to other Projects or Plans.			

Activity:	Type:	Infrastructure Element:			Priority:	Comments:
☐ Maintenance	☐ Continuing	☐ Streets	☐ Water	☐ Sidewalks & Trails	☐ Top	Use the space below to provide information on the project estimate and time frame.
☑ Improvement	☑ New	☑ Sanitary Sewer	☐ Traffic	☐ Econ. Develop.	☐ High	Please provide sufficient information to enable others to understand the basis of your estimate.
☐ Other	☐ Other	☑ Storm Sewer	☐ Bldgs & Grounds	☐ Other	☐ Medium	

Provide a update to the 2009 Storm Water Master Plan and the 2010 Sanitary Sewer Master Plan.

Submitted By:	Matt Newell			Five Year Plan					Future Years			
Date:		**Fiscal Year**	**FY 2019**	**FY 2020**	**FY 2021**	**FY 2022**	**FY 2023**	**FY 2024**	**FY 2025**	**FY 2026**	**FY 2027**	
Item	**Vendor**	**Percent Complete**	**Current Year Estimate**	**Budget Year Plan Year 1**	**Plan Year 2**	**Plan Year 3**	**Plan Year 4**	**Plan Year 5**	**Plan Year 6**	**Plan Year 7**	**Plan Year 8**	**Total Project Cost**
Planning		0%										$0
Preliminary Design		0%		$175,000								$175,000
Final Design		0%										$0
Legal		0%										$0
ROW & Easements		0%										$0
Construction		0%										$0
Const. Engineering		0%										$0
Project Management		0%										$0
Misc. Supplies		0%										$0
Total Project Costs			$0	$175,000	$0	$0	$0	$0	$0	$0	$0	$175,000

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	Beach House Pump Station and Force Main Replacement	Organization Number:	79487906
Department or Organization:	Public Works	Object Number:	489030
Location:	Nelson Park		
Purpose:	Increase capacity, efficiency, location, and safety of pumping system		
Description:	Replace well, valve vault, pumps and controls as necessary		
Relation to other Projects or Plans.			

Activity:	Type:	Infrastructure Element:			Priority:	Comments:
☐ Maintenance	☐ Continuing	☐ Streets	☐ Water	☐ Sidewalks & Trails	☐ Top	Use the space below to provide information on the project estimate and time frame.
☑ Improvement	☑ New	☑ Sanitary Sewer	☐ Traffic	☐ Econ. Develop.	☑ High	Please provide sufficient information to enable others to understand the basis of your estimate.
☐ Other	☐ Other	☐ Storm Sewer	☐ Bldgs & Grounds	☐ Other	☐ Medium	

Work through the Sanitary District of Decatur (SDD) for replacement of the Beach House Pump Station and Force Main (located below the Beach House Restaurant in Nelson Park) due to the upcoming redevelopment of Nelson Park by the Park District a study will need to be completed on how best to service the area with sanitary sewer. The current pump station may be undersized and currently has confined space violations due to its location underneath the Beach House Restaurant.

A study will be completed to analyze possible options for serving the proposed Nelson Park development with sanitary sewer.

Information is needed from the Park District regarding planned uses to be served by the pump station and when development would occur.

Final Design and Construction costs are gross figures and will be further refined after preliminary design. Final design and construction would not occur until development is projected.

Submitted By:	Paul Caswell			Five Year Plan					Future Years			
Date:		Fiscal Year	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Item	Vendor	Percent Complete	Current Year Estimate	Budget Year Plan Year 1	Plan Year 2	Plan Year 3	Plan Year 4	Plan Year 5	Plan Year 6	Plan Year 7	Plan Year 8	Total Project Cost
Planning		0%										$0
Preliminary Design		0%			$20,000							$20,000
Final Design		0%										$0
Legal		0%										$0
ROW & Easements		0%										$0
Construction		0%										$0
Const. Engineering		0%										$0
Project Management		0%										$0
Misc. Supplies		0%										$0
Total Project Costs			$0	$0	$20,000	$0	$0	$0	$0	$0	$0	$20,000

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	Allen Bend Pump Station Replacement	Organization Number:	79487906
Department or Organization:	Public Works	Object Number:	489030
Location:	Starr Crest Pump Station Design		
Purpose:	Increase reliability, efficiency, and safety of pumping system		
Description:	Replace well, pumps and controls as necessary		
Relation to other Projects or Plans.			

Activity:	Type:	Infrastructure Element:			Priority:	Comments:
☑ Maintenance	☐ Continuing	☐ Streets	☐ Water	☐ Sidewalks & Trails	☑ Top	Use the space below to provide information on the project estimate and time frame.
☐ Improvement	☑ New	☑ Sanitary Sewer	☐ Traffic	☐ Econ. Develop.	☐ High	Please provide sufficient information to enable others to understand the basis of your estimate.
☐ Other	☐ Other	☐ Storm Sewer	☐ Bldgs & Grounds	☐ Other	☐ Medium	

Work for replacement of the Allen Bend Pump Station which has reached its useful design life.

Pumps Station is a 1988 Steel premanufactured Pump Station by Hydromatic

Submitted By:	Paul Caswell			Five Year Plan					Future Years			
Date:		Fiscal Year	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Item	Vendor	Percent Complete	Current Year Estimate	Budget Year Plan Year 1	Plan Year 2	Plan Year 3	Plan Year 4	Plan Year 5	Plan Year 6	Plan Year 7	Plan Year 8	Total Project Cost
Planning		0%										$0
Preliminary Design		0%										$0
Final Design		0%				$45,000						$45,000
Legal		0%										$0
ROW & Easements		0%										$0
Construction		0%										$0
Const. Engineering		0%										$0
Project Management		0%										$0
Misc. Supplies		0%										$0
Total Project Costs			$0	$0	$0	$45,000	$0	$0	$0	$0	$0	$45,000

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	Rt 51 Pump Station Replacement	Organization Number:	79487906
Department or Organization:	Public Works	Object Number:	489030
Location:	Shore Oak Pump Station and Green Oaks Forcemain		
Purpose:	Increase reliability, efficiency, and safety of pumping system		
Description:	Replace well, pumps, controls and forcemain as necessary		
Relation to other Projects or Plans.			

Activity:	Type:	Infrastructure Element:			Priority:	Comments:
☐ Maintenance	☐ Continuing	☐ Streets	☐ Water	☐ Sidewalks & Trails	☑ Top	Use the space below to provide information on the project estimate and time frame.
☑ Improvement	☑ New	☑ Sanitary Sewer	☐ Traffic	☐ Econ. Develop.	☐ High	Please provide sufficient information to enable others to understand the basis of your estimate.
☐ Other	☐ Other	☐ Storm Sewer	☐ Bldgs & Grounds	☐ Other	☐ Medium	

The Rt 51 Pump Station has reached its useful design life.

Pumps Station is a 1984 Steel premanufactured Pump Station

Submitted By:	Paul Caswell			Five Year Plan					Future Years			
Date:		Fiscal Year	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Item	Vendor	Percent Complete	Current Year Estimate	Budget Year Plan Year 1	Plan Year 2	Plan Year 3	Plan Year 4	Plan Year 5	Plan Year 6	Plan Year 7	Plan Year 8	Total Project Cost
Planning		0%										$0
Preliminary Design		0%										$0
Final Design		0%										$0
Legal		0%										$0
ROW & Easements		0%										$0
Construction		0%										$0
Const. Engineering		0%										$0
Project Management		0%										$0
Misc. Supplies		0%										$0
Total Project Costs			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0

IEPA LOAN Interest Calculation

Principal	$ 6,000,000.00
Interest	1.000%
Years	20
Payments /Year	2
Semi Annual Payment	$182,733.59
	$365,467.18

$	273,701.70
$	547,403.40

Semiannual Period	Payment	Principal Paid	Interest Paid	Remaining Balance
1	$182,733.59	$ 122,733.588	$ 60,000.000	$ 5,877,266.41
2	$182,733.59	$ 123,960.924	$ 58,772.664	$ 5,753,305.49
3	$182,733.59	$ 125,200.533	$ 57,533.055	$ 5,628,104.96
4	$182,733.59	$ 126,452.538	$ 56,281.050	$ 5,501,652.42
5	$182,733.59	$ 127,717.064	$ 55,016.524	$ 5,373,935.35
6	$182,733.59	$ 128,994.234	$ 53,739.354	$ 5,244,941.12
7	$182,733.59	$ 130,284.177	$ 52,449.411	$ 5,114,656.94
8	$182,733.59	$ 131,587.018	$ 51,146.569	$ 4,983,069.92
9	$182,733.59	$ 132,902.889	$ 49,830.699	$ 4,850,167.04
10	$182,733.59	$ 134,231.918	$ 48,501.670	$ 4,715,935.12
11	$182,733.59	$ 135,574.237	$ 47,159.351	$ 4,580,360.88
12	$182,733.59	$ 136,929.979	$ 45,803.609	$ 4,443,430.90
13	$182,733.59	$ 138,299.279	$ 44,434.309	$ 4,305,131.62
14	$182,733.59	$ 139,682.272	$ 43,051.316	$ 4,165,449.35
15	$182,733.59	$ 141,079.094	$ 41,654.494	$ 4,024,370.26
16	$182,733.59	$ 142,489.885	$ 40,243.703	$ 3,881,880.37
17	$182,733.59	$ 143,914.784	$ 38,818.804	$ 3,737,965.59
18	$182,733.59	$ 145,353.932	$ 37,379.656	$ 3,592,611.66
19	$182,733.59	$ 146,807.471	$ 35,926.117	$ 3,445,804.18
20	$182,733.59	$ 148,275.546	$ 34,458.042	$ 3,297,528.64
21	$182,733.59	$ 149,758.301	$ 32,975.286	$ 3,147,770.34
22	$182,733.59	$ 151,255.884	$ 31,477.703	$ 2,996,514.45
23	$182,733.59	$ 152,768.443	$ 29,965.145	$ 2,843,746.01
24	$182,733.59	$ 154,296.128	$ 28,437.460	$ 2,689,449.88
25	$182,733.59	$ 155,839.089	$ 26,894.499	$ 2,533,610.79
26	$182,733.59	$ 157,397.480	$ 25,336.108	$ 2,376,213.31
27	$182,733.59	$ 158,971.455	$ 23,762.133	$ 2,217,241.86
28	$182,733.59	$ 160,561.169	$ 22,172.419	$ 2,056,680.69
29	$182,733.59	$ 162,166.781	$ 20,566.807	$ 1,894,513.91
30	$182,733.59	$ 163,788.449	$ 18,945.139	$ 1,730,725.46
31	$182,733.59	$ 165,426.333	$ 17,307.255	$ 1,565,299.13
32	$182,733.59	$ 167,080.597	$ 15,652.991	$ 1,398,218.53
33	$182,733.59	$ 168,751.403	$ 13,982.185	$ 1,229,467.13
34	$182,733.59	$ 170,438.917	$ 12,294.671	$ 1,059,028.21
35	$182,733.59	$ 172,143.306	$ 10,590.282	$ 886,884.90
36	$182,733.59	$ 173,864.739	$ 8,868.849	$ 713,020.16
37	$182,733.59	$ 175,603.386	$ 7,130.202	$ 537,416.78
38	$182,733.59	$ 177,359.420	$ 5,374.168	$ 360,057.36
39	$182,733.59	$ 179,133.014	$ 3,600.574	$ 180,924.34
40	$182,733.59	$ 180,924.344	$ 1,809.243	$ 0.00

FUND 81	City of Decatur Capital Improvement Plan FY 2020 to FY 2024 Public Works Water Capital

Water Non-Lake Capital (811)

Line	ORG	New Object Code	Infrastructure Element	Project Number	Project Detail Description		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
1	81808112	423700	Water Non-Lake		Architecture and Engineering Services		129,900	480,000	50,000	10,000	11,000	11,000
2	81808118	428000	Water Non-Lake		Water Valve and FH Maintenance		133,000	120,000	120,000	120,000	0	0
3	81808118	451000	Water Non-Lake		Automotive Equipment		267,262	352,000	253,000	252,000	0	0
4	81808118	452000	Water Non-Lake		Other Equipment		0	450,000	0	0	0	0
5	81808118	486300	Water Non-Lake		Water Distribution System Leak Detection		32,000	35,000	36,000	37,000	38,000	39,000
6	81808118	488800	Water Non-Lake		Annual Water Main Replacement		7,243,945	3,550,000	3,650,000	4,150,000	4,000,000	4,000,000
7	81808118	497000	Water Non-Lake		Water System Improvements		89,948	250,000	0	0	0	0
8	81808118	499200	Water Non-Lake		South Water Treatment Plant Improvements		190,840	443,000	0	0	0	0
9	81808118	499200	Water Non-Lake	W1603	SWTP East Clarifiers Conversion		0	82,186	5,759,644	5,633,000	0	0
10												
11					**Total Non-Lake Capital Projects =**		**8,086,895**	**5,762,186**	**9,868,644**	**10,202,000**	**4,049,000**	**4,050,000**

Water Lake Capital (812)

Line	ORG	New Object Code	Infrastructure Element	Project Number	Project Detail Description		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
1	81808122	423700	Water Lake		Architecture and Engineering Services		6,500	10,000	10,000	12,000	12,000	14,000
2	81808122	423700	Water Lake		Lake Decatur Watershed Management Plan		0	700,000	0	0	0	0
3	81808122	423700	Water Lake		Lake Decatur Dam Bascule Gate Repairs		153,900	240,000	0	0	0	0
4	81808128	452000	Water Lake		Other Equipment		9,200	0	0	0	0	0
5	81808128	489070	Water Lake		Non-Point Source Pollution Control		0	25,000	25,000	30,000	30,000	35,000
6	81808128	485660	Water Lake		Decatur Lakefront Development		405,551	0	0	0	0	0
7	81808128	486200	Water Lake		Lake Decatur Sediment Control		0	35,000	35,000	40,000	40,000	45,000
8	81808128	488900	Water Lake		Additional Water Supply		219,579	130,000	645,000	0	0	0
9												
10					**Total Lake Capital Projects =**		**794,730**	**1,140,000**	**715,000**	**82,000**	**82,000**	**94,000**
11												
12					**Total Public Works Water Capital =**		**8,881,625**	**6,902,186**	**10,583,644**	**10,284,000**	**4,131,000**	**4,144,000**

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	Architecture and Engineering Services	Organization Number:	81808112
Department or Organization:	Public Works	Object Number:	423700
Location:	Various		
Purpose:	To fund miscellaneous non lake capital professional services on an as needed basis		
Description:	See Purpose.		
Relation to other Projects or Plans.	General water system capital improvements and Reliable Water System Program		

Activity:	Type:	Infrastructure Element:			Priority:	
☐ Maintenance	☑ Continuing	☐ Streets	☑ Water	☐ Sidewalks & Trails	☐ Top	**Comments:**
☑ Improvement	☐ New	☐ Sanitary Sewer	☐ Traffic	☐ Econ. Develop.	☑ High	Use the space below to provide information on the project estimate and time frame.
☐ Other	☐ Other	☐ Storm Sewer	☐ Bldgs & Grounds	☐ Other	☐ Medium	Please provide sufficient information to enable others to understand the basis of your estimate.

In FY 19 a Long Term Water Utility Sustainability Plan is anticipated to be approved by the City Council to analyze all of the City's water utility infrastructure, staffing, current debt structure, current water rate structure and current water sales at a cost of $400,000. The plan will also include a recommended course of action for the near and mid terms, and long term recommendations to sustain the City's water utility indefinitely. The Plan is anticipated to be completed in FY 20.

The USEPA has mandated that a Drinking Water Utility Risk and Resilience Assessment be completed by the City by 12/31/20 and an Emergency Response Plan be completed by 6/30/21. Both costs are included in this 5 year plan ($80,000 total).

Submitted By:	**Paul Caswell**			**Five Year Plan**					**Future Years**			
Date:	**8/28/2019**	**Fiscal Year**	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**FY 25**	**FY 26**	**FY 27**	
Item	**Vendor**	**Percent Complete**	**Current Year Estimate**	**Budget Year Plan Year 1**	**Plan Year 2**	**Plan Year 3**	**Plan Year 4**	**Plan Year 5**	**Plan Year 6**	**Plan Year 7**	**Plan Year 8**	**Total Project Cost**
Planning		0%	$ 129,900	$ 480,000	$ 50,000	$ 10,000	$ 11,000	$ 11,000	$ 12,000	$ 12,000	$ 13,000	$728,900
Preliminary Design		0%										$0
Final Design		0%										$0
Legal		0%										$0
ROW & Easements		0%										$0
Construction		0%										$0
Const. Engineering		0%										$0
Project Management		0%										$0
Misc. Supplies		0%										$0
Total Project Costs			$129,900	$480,000	$50,000	$10,000	$11,000	$11,000	$12,000	$12,000	$ 13,000	$728,900

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	Water Distribution Valve and Fire Hydrant Maintenance	Organization Number:	81808118
Department or Organization:	Public Works	Object Number:	428000
Location:	Citywide Water Distribution System		
Purpose:	Proactively maintain water main valves and fire hydrants.		
Description:	Hire contractor to perform water main valve and fire hydrant maintenance services.		
Relation to other Projects or Plans.	Reliable Water System Program.		

Activity:
- ☑ Maintenance
- ☐ Improvement
- ☐ Other

Type:
- ☐ Continuing
- ☑ New
- ☐ Other

Infrastructure Element:
- ☐ Streets
- ☑ Water
- ☐ Sidewalks & Trails
- ☐ Sanitary Sewer
- ☐ Traffic
- ☐ Econ. Develop.
- ☐ Storm Sewer
- ☐ Bldgs & Grounds
- ☐ Other

Priority:
- ☑ Top
- ☐ High
- ☐ Medium

Comments:
Use the space below to provide information on the project estimate and time frame.
Please provide sufficient information to enable others to understand the basis of your estimate.

Three year program to proactively maintain 5,900 water main valves and 4,255 fire hydrants. Hydrant painting and maintenance cost estimate is $300,000 and is anticipated for 2019.

The City Council approved an agreement with Wachs Water Services on June 19, 2017, to perform valve maintenance services on all main line (non-fire hydrant) valves in the City System. 1/3 of the project is to be completed over three years beginning in 2017.

Three year program to proactively clean, sandblast and recoat 4,255 fire hydrants scheduled to begin in 2020.

Submitted By:	**Randy Miller**			**Five Year Plan**					**Future Years**			
Date:		**Fiscal Year**	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**FY 25**	**FY 26**	**FY 27**	
Item	**Vendor**	**Percent Complete**	**Current Year Estimate**	**Budget Year Plan Year 1**	**Plan Year 2**	**Plan Year 3**	**Plan Year 4**	**Plan Year 5**	**Plan Year 6**	**Plan Year 7**	**Plan Year 8**	**Total Project Cost**
Planning		0%										$0
Preliminary Design		0%										$0
Final Design		0%										$0
Legal		0%										$0
ROW & Easements		0%										$0
Valve Inspection	Wachs Water	0%	$133,000									$133,000
Hydrant Inspection		0%		$120,000	$120,000	$120,000						$360,000
Project Management		0%										$0
Misc. Supplies		0%										$0
Total Project Costs			$133,000	$120,000	$120,000	$120,000	$0	$0	$0	$0	$0	$493,000

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	Automotive Equipment	Organization Number:	81808118
Department or Organization:	Public Works	Object Number:	451000
Location:	Water Administration, Water Services and Water Production		
Purpose:	Replace aging automotive equipment		
Description:	Replace aging automotive equipment		
Relation to other Projects or Plans.	Operate the City's drinking water utility		

Activity: ☐ Maintenance ☐ Improvement ☑ Other

Type: ☐ Continuing ☐ New ☑ Other

Infrastructure Element: ☐ Streets ☑ Water ☐ Sidewalks & Trails ☐ Sanitary Sewer ☐ Traffic ☐ Econ. Develop. ☐ Storm Sewer ☐ Bldgs & Grounds ☐ Other

Priority: ☑ Top ☐ High ☐ Medium

Comments:
Use the space below to provide information on the project estimate and time frame.
Please provide sufficient information to enable others to understand the basis of your estimate.

Water Administration - In FY 20 replace 2008 Ford Escape #156 ($28K).

Water Services - In FY 20 replace International Dump Truck #127 ($140K), replace Ford Pickup Truck with Valve Turner #124 ($95K), replace Chevy Van #104 ($28K), sell Ford Pickup Truck #124 as it is no longer needed by Public Works. In FY 21 replace Ford Pickup Truck #101 ($29K), Ford Pickup Truck #119 ($29K), replace Arrowmaster Hydrahammer #123 ($165K). In FY 22 replace Ford Pickup Truck #109 ($42K), replace Ford Pickup Truck #147 ($42K), replace Ford Utility Van #148 ($65K), replace Ford Flatbed Truck #112 ($71K).

Water Production - In FY 20 replace Ford Pickup Truck #153 ($37K) and purchase new small van for City Electrician ($24K). In FY 21 replace Ford Pickup Truck #154 ($30K). In FY 22 replace Ford Pickup Truck #152 ($32K).

Submitted By:	Keith Alexander			Five Year Plan					Future Years			
Date:	8/28/2019	Fiscal Year	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	
Item	Vendor	Percent Complete	Current Year Estimate	Budget Year Plan Year 1	Plan Year 2	Plan Year 3	Plan Year 4	Plan Year 5	Plan Year 6	Plan Year 7	Plan Year 8	Total Project Cost
Planning		0%										$0
Preliminary Design		0%										$0
Final Design		0%										$0
Legal		0%										$0
ROW & Easements		0%										$0
Construction		0%										$0
Const. Engineering		0%										$0
Project Management		0%										$0
All Other Vehicles		0%	$267,262	$ 352,000	$ 253,000	$ 252,000						$1,124,262
Total Project Costs			$267,262	$352,000	$253,000	$252,000	$0	$0	$0	$0	$0	$1,124,262

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	Other Equipment	Organization Number:	81808118
Department or Organization:	Public Works	Object Number:	452000
Location:	Water Production and Water Services		
Purpose:	Replace or purchase non automotive equipment		
Description:	Replace or purchase non automotive equipment		
Relation to other Projects or Plans.	Operate the City's drinking water utility		

Activity:
- ☐ Maintenance
- ☐ Improvement
- ☑ Other

Type:
- ☐ Continuing
- ☐ New
- ☑ Other

Infrastructure Element:
- ☐ Streets
- ☑ Water
- ☐ Sidewalks & Trails
- ☐ Sanitary Sewer
- ☐ Traffic
- ☐ Econ. Develop.
- ☐ Storm Sewer
- ☐ Bldgs & Grounds
- ☐ Other

Priority:
- ☑ Top
- ☐ High
- ☐ Medium

Comments:
Use the space below to provide information on the project estimate and time frame.
Please provide sufficient information to enable others to understand the basis of your estimate.

Water Services - In FY 20 replace Trailer Mounted Hydro Excavator with Truck Mounted Hydro Excavator #116 ($450K).

Submitted By:	Keith Alexander			Five Year Plan					Future Years			
Date:	8/28/2019	Fiscal Year	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	
Item	Vendor	Percent Complete	Current Year Estimate	Budget Year Plan Year 1	Plan Year 2	Plan Year 3	Plan Year 4	Plan Year 5	Plan Year 6	Plan Year 7	Plan Year 8	Total Project Cost
Planning		0%										$0
Preliminary Design		0%										$0
Final Design		0%										$0
Legal		0%										$0
ROW & Easements		0%										$0
Construction		0%										$0
Const. Engineering		0%										$0
Hydro Excavator		0%		$ 450,000								$450,000
Misc. Supplies		0%										$0
Total Project Costs			$0	$450,000	$0	$0	$0	$0	$0	$0	$0	$450,000

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	Water Distribution System Leak Detection Survey	Organization Number:	81808118
Department or Organization:	Public Works	Object Number:	486300
Location:	Water Distribution System		
Purpose:	To annually find and repair leaks in the water main system		
Description:	See Purpose		
Relation to other Projects or Plans.	Reliable Water System Program.		

Activity:
- [x] Maintenance
- [ ] Improvement
- [ ] Other

Type:
- [x] Continuing
- [ ] New
- [ ] Other

Infrastructure Element:
- [ ] Streets
- [ ] Sanitary Sewer
- [ ] Storm Sewer
- [x] Water
- [ ] Traffic
- [ ] Bldgs & Grounds
- [ ] Sidewalks & Trails
- [ ] Econ. Develop.
- [ ] Other

Priority:
- [x] Top
- [ ] High
- [ ] Medium

Comments:
Use the space below to provide information on the project estimate and time frame.
Please provide sufficient information to enable others to understand the basis of your estimate.

One third of the distribution system is surveyed annually for leaks by contractor. City staff repair the leaks identified by the survey.

On August 7, 2017, the City entered into an $101,872.80 agreement with ADS Environmental Services to perform leak detection services for a 3 year period beginning in 2017.

It is proposed that a new contract be conducted for another 3 years beginning in 2020.

Submitted By:	Matt Newell			Five Year Plan					Future Years			
Date:		Fiscal Year	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	
Item	Vendor	Percent Complete	Current Year Estimate	Budget Year Plan Year 1	Plan Year 2	Plan Year 3	Plan Year 4	Plan Year 5	Plan Year 6	Plan Year 7	Plan Year 8	Total Project Cost
Planning		0%										$0
Preliminary Design		0%										$0
Final Design		0%										$0
Legal		0%										$0
ROW & Easements		0%										$0
Leak Detection		0%	$32,000	$35,000	$36,000	$37,000	$38,000	$39,000	$40,000	$41,000	$42,000	$340,000
Const. Engineering		0%										$0
Project Management		0%										$0
Misc. Supplies		0%										$0
Total Project Costs			$32,000	$35,000	$36,000	$37,000	$38,000	$39,000	$40,000	$41,000	$42,000	$340,000

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	Annual Water Main and Valve Replacement Program	Organization Number:	81808118
Department or Organization:	Water Management	Object Number:	488800
Location:	Various citywide locations		
Purpose:	To restore the service reliability of the City's water mains and valves and provide adequate fire flow requirements		
Description:	Replace sections of water main and valves that are in poor condition		
Relation to other Projects or Plans.	Reliable Water System Program		

Activity:
- ☑ Maintenance
- ☑ Improvement
- ☐ Other

Type:
- ☑ Continuing
- ☐ New
- ☐ Other

Infrastructure Element:
- ☐ Streets
- ☑ Water
- ☐ Sidewalks & Trails
- ☐ Sanitary Sewer
- ☐ Traffic
- ☐ Econ. Develop.
- ☐ Storm Sewer
- ☐ Bldgs & Grounds
- ☐ Other

Priority:
- ☑ Top
- ☐ High
- ☐ Medium

Comments:
Use the space below to provide information on the project estimate and time frame.
Please provide sufficient information to enable others to understand the basis of your estimate.

Project replaces watermain to restore service reliability and water quality. Project is designed and bid by engineering staff

2017-10 Garman Park/Turner Subdivision Area - Burdick Plumbing $2.3 Million

2018-10 Fairlawn Neighborhood Phase I - Burdick Plumbing $2.5 Million

2019-10 Fairlawn Neighborhood Phase II - Burdick Plumbing $2.6 Million

2020-10 Hillcrest Subdivision - Est. $2.9 Million

20XX-23 Valve and Hydrant Replacement Project - Various Location identified by maintenance staff - $500,000

Lead service replacecment prior to paving work - Various Locations identified by street list - $150,000

Submitted By:	Randy Miller			Five Year Plan					Future Years			
Date:		Fiscal Year	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	
Item	**Vendor**	**Percent Complete**	**Current Year Estimate**	**Budget Year Plan Year 1**	**Plan Year 2**	**Plan Year 3**	**Plan Year 4**	**Plan Year 5**	**Plan Year 6**	**Plan Year 7**	**Plan Year 8**	**Total Project Cost**
Planning		0%										$0
Preliminary Design		0%										$0
Lead Services		0%		$150,000	$150,000	$150,000						$450,000
2017 Project		0%	$30,000									$30,000
2018 Project		0%	$ 1,500,000									$1,500,000
2019 Watermain		0%	$ 2,624,752									$2,624,752
2019 Valve & Hydrant		0%	$ 464,441									$464,441
2020 & Fut Watermain		0%	$ 2,624,752	$ 2,900,000	$3,000,000	$3,500,000	$ 3,500,000	$ 3,500,000	$ 3,500,000	$ 3,500,000	$ 3,500,000	$29,524,752
2020 & Future V&H		0%		$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000		$3,500,000
Total Project Costs			$7,243,945	$3,550,000	$3,650,000	$4,150,000	$4,000,000	$4,000,000	$4,000,000	$4,000,000	$3,500,000	$38,093,945

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	Water System Improvements	**Organization Number:**	81808118
Department or Organization:	Public Works	**Object Number:**	497000
Location:	The Water Distribution System and the William Street Reservoir, Franklin Street Tank and South Booster Pump Station		
Purpose:	Improve water quality and pumping capabilities		
Description:	See Purpose		
Relation to other Projects or Plans.	Reliable Water System Program.		

Activity:
- [ ] Maintenance
- [x] Improvement
- [ ] Other

Type:
- [ ] Continuing
- [x] New
- [ ] Other

Infrastructure Element:
- [ ] Streets
- [ ] Sanitary Sewer
- [ ] Storm Sewer
- [x] Water
- [ ] Traffic
- [ ] Bldgs & Grounds
- [ ] Sidewalks & Trails
- [ ] Econ. Develop.
- [ ] Other

Priority:
- [x] Top
- [ ] High
- [ ] Medium

Comments:
Use the space below to provide information on the project estimate and time frame.
Please provide sufficient information to enable others to understand the basis of your estimate.

In FY 18 a professional services firm was hired for $170,897 to determine the most viable options to improve water quality in the water distribution system. This work will be completed in FY 19. A preliminary estimate to implement some of the options in FY 19 is $250,000.

The William Street Reservoir also needs internal piping replacement and internal concrete maintenance. Costs for FY 20 and beyond are to be determined.

Submitted By:	Paul Caswell			Five Year Plan					Future Years			
Date:	8/28/2019	Fiscal Year	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	
Item	**Vendor**	**Percent Complete**	**Current Year Estimate**	**Budget Year Plan Year 1**	**Plan Year 2**	**Plan Year 3**	**Plan Year 4**	**Plan Year 5**	**Plan Year 6**	**Plan Year 7**	**Plan Year 8**	**Total Project Cost**
Planning		0%	$89,948									$89,948
Preliminary Design		0%										$0
Final Design		0%										$0
Legal		0%										$0
ROW & Easements		0%										$0
Construction		0%		$250,000								$250,000
Const. Engineering		0%										$0
Project Management		0%										$0
Misc. Supplies		0%										$0
Total Project Costs			$89,948	$250,000	$0	$0	$0	$0	$0	$0	$0	$339,948

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	South Water Treatment Plant Improvements	Organization Number:	81808118
Department or Organization:	Public Works	Object Number:	499200
Location:	South Water Treatment Plant		
Purpose:	Replace aging equipment and make necessary facility improvements due to more stringent water quality standards		
Description:	See Purpose		
Relation to other Projects or Plans.	Reliable Water System Program		

Activity:	Type:	Infrastructure Element:			Priority:	Comments:
☑ Maintenance	☑ Continuing	☐ Streets	☑ Water	☐ Sidewalks & Trails	☑ Top	Use the space below to provide information on the project estimate and time frame.
☐ Improvement	☐ New	☐ Sanitary Sewer	☐ Traffic	☐ Econ. Develop.	☐ High	Please provide sufficient information to enable others to understand the basis of your estimate.
☐ Other	☐ Other	☐ Storm Sewer	☐ Bldgs & Grounds	☐ Other	☐ Medium	

FY 20 projects include replace carbon transfer pump ($18K estimate), hire consultant to design improvements for the carbon feed system, sodium hydroxide feed system, chlorine evaporators and chlorine dioxide generation system ($175K estimate), hire consultant to design Garfield tank SCADA telemetry improvements ($75K estimate), remove lime buildup in treatment basin effluent channels and valves ($150K estimate) and $25K contingency for unforeseen improvements during the year.

Costs for FY 21 and beyond are yet to be determined.

Submitted By:	Keith Alexander			Five Year Plan					Future Years			
Date:	8/28/2019	Fiscal Year	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	
Item	Vendor	Percent Complete	Current Year Estimate	Budget Year Plan Year 1	Plan Year 2	Plan Year 3	Plan Year 4	Plan Year 5	Plan Year 6	Plan Year 7	Plan Year 8	Total Project Cost
Planning		0%	$15,730									$15,730
Preliminary Design		0%										$0
Final Design		0%		$250,000								$250,000
Legal		0%										$0
ROW & Easements		0%										$0
Construction		0%	$175,110	$193,000								$368,110
Const. Engineering		0%										$0
Project Management		0%										$0
Misc. Supplies		0%										$0
Total Project Costs			$190,840	$443,000	$0	$0	$0	$0	$0	$0	$0	$633,840

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	South Water Treatment Plant East Clarifiers Conversion - City Project W1603	Organization Number:	81808118
Department or Organization:	Public Works	Object Number:	499200
Location:	South Water Treatment Plant		
Purpose:	Replace deteriorating east clarifiers with two claricones or rehabilitate all four clarifiers		
Description:	See Purpose		
Relation to other Projects or Plans.	Reliable Water System Program		

Activity:
- ☐ Maintenance
- ☑ Improvement
- ☐ Other

Type:
- ☐ Continuing
- ☑ New
- ☐ Other

Infrastructure Element:
- ☐ Streets
- ☑ Water
- ☐ Sidewalks & Trails
- ☐ Sanitary Sewer
- ☐ Traffic
- ☐ Econ. Develop.
- ☐ Storm Sewer
- ☐ Bldgs & Grounds
- ☐ Other

Priority:
- ☑ Top
- ☐ High
- ☐ Medium

Comments:
Use the space below to provide information on the project estimate and time frame.
Please provide sufficient information to enable others to understand the basis of your estimate.

It is assumed that a claricone conversion or clarifier rehabilitation option will be recommended in 2020 as a part of the Decatur Water Utility Long Term Sustainability Plan. This proposed funding is to convert the two east SWTP clarifiers to claricones.

Submitted By:	Keith Alexander			Five Year Plan					Future Years			
Date:	8/28/2019	Fiscal Year	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	
Item	Vendor	Percent Complete	Current Year Estimate	Budget Year Plan Year 1	Plan Year 2	Plan Year 3	Plan Year 4	Plan Year 5	Plan Year 6	Plan Year 7	Plan Year 8	Total Project Cost
Planning		0%										$0
Preliminary Design		99%		$10,500								$10,500
Final Design		95%		$71,686	$76,644							$148,330
Legal		0%										$0
ROW & Easements		0%										$0
Construction		0%			$5,500,000	$5,500,000						$11,000,000
Const. Engineering		0%			$133,000	$133,000						$266,000
Project Management		0%			$50,000							$50,000
Misc. Supplies		0%										$0
Total Project Costs			$0	$82,186	$5,759,644	$5,633,000	$0	$0	$0	$0	$0	$11,474,830

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	Architecture and Engineering Services	**Organization Number:**	81808122
Department or Organization:	Public Works	**Object Number:**	423700
Location:	Various		
Purpose:	To fund miscellaneous lake related professional services on an as needed basis		
Description:	See Purpose		
Relation to other Projects or Plans.	Reliable Water System Program		

Activity:
- ☑ Maintenance
- ☐ Improvement
- ☐ Other

Type:
- ☑ Continuing
- ☐ New
- ☐ Other

Infrastructure Element:
- ☐ Streets
- ☑ Water
- ☐ Sidewalks & Trails
- ☐ Sanitary Sewer
- ☐ Traffic
- ☐ Econ. Develop.
- ☐ Storm Sewer
- ☐ Bldgs & Grounds
- ☐ Other

Priority:
- ☑ Top
- ☐ High
- ☐ Medium

Comments:
Use the space below to provide information on the project estimate and time frame.
Please provide sufficient information to enable others to understand the basis of your estimate.

For annual safety inspections by qualified firms for the Lake Decatur Dam and Oakley Sedimentation Basin and dam emergency services.

Submitted By:	Paul Caswell			Five Year Plan					Future Years			
Date:	8/28/2019	Fiscal Year	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	
Item	**Vendor**	**Percent Complete**	**Current Year Estimate**	**Budget Year Plan Year 1**	**Plan Year 2**	**Plan Year 3**	**Plan Year 4**	**Plan Year 5**	**Plan Year 6**	**Plan Year 7**	**Plan Year 8**	**Total Project Cost**
Planning		0%										$0
Preliminary Design		0%										$0
Final Design		0%	$6,500	$10,000	$10,000	$12,000	$12,000	$14,000	$14,000	$16,000	$16,000	$110,500
Legal		0%										$0
ROW & Easements		0%										$0
Construction		0%										$0
Const. Engineering		0%										$0
Project Management		0%										$0
Misc. Supplies		0%										$0
Total Project Costs			$6,500	$10,000	$10,000	$12,000	$12,000	$14,000	$14,000	$16,000	$16,000	$110,500

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	Lake Decatur Watershed Management Plan	Organization Number:	81808122
Department or Organization:	Public Works	Object Number:	423700
Location:	Lake Decatur Watershed		
Purpose:	To reduce the amount a sediment flowing into Lake Decatur		
Description:	Prepare a master plan that directs the City's actions in the lake watershed aimed at sediment reduction.		
Relation to other Projects or Plans.	Reliable Water System Program		

Activity:	Type:	Infrastructure Element:			Priority:	Comments:
☑ Maintenance ☐ Improvement ☐ Other	☐ Continuing ☑ New ☐ Other	☐ Streets ☐ Sanitary Sewer ☐ Storm Sewer	☑ Water ☐ Traffic ☐ Bldgs & Grounds	☐ Sidewalks & Trails ☐ Econ. Develop. ☐ Other	☑ Top ☐ High ☐ Medium	Use the space below to provide information on the project estimate and time frame. Please provide sufficient information to enable others to understand the basis of your estimate.

Retaining the services of a firm to produce a Lake Decatur Watershed Management Plan (cost estimate $700,000).

Submitted By:	Paul Caswell			Five Year Plan					Future Years			
Date:	8/28/2019	Fiscal Year	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	
Item	Vendor	Percent Complete	Current Year Estimate	Budget Year Plan Year 1	Plan Year 2	Plan Year 3	Plan Year 4	Plan Year 5	Plan Year 6	Plan Year 7	Plan Year 8	Total Project Cost
Planning		0%		$700,000								$700,000
Preliminary Design		0%										$0
Final Design		0%										$0
Legal		0%										$0
ROW & Easements		0%										$0
Construction		0%										$0
Const. Engineering		0%										$0
Project Management		0%										$0
Misc. Supplies		0%										$0
Total Project Costs			$0	$700,000	$0	$0	$0	$0	$0	$0	$0	$700,000

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	Lake Decatur Dam Bascule Gate Repairs	Organization Number:	81808122
Department or Organization:	Public Works	Object Number:	423700
Location:	Lake Decatur Dam		
Purpose:	Repair damage to the bascule gates		
Description:	The North bascule gates are currently nonfunctioning. This project is to perform repairs to return the gates to full operation. City Project 19-40.		
Relation to other Projects or Plans.	Reliable Water System Program		

Activity:	Type:	Infrastructure Element:			Priority:	Comments:
☑ Maintenance	☑ Continuing	☐ Streets	☑ Water	☐ Sidewalks & Trails	☑ Top	Use the space below to provide information on the project estimate and time frame.
☐ Improvement	☑ New	☐ Sanitary Sewer	☐ Traffic	☐ Econ. Develop.	☐ High	Please provide sufficient information to enable others to understand the basis of your estimate.
☐ Other	☐ Other	☐ Storm Sewer	☐ Bldgs & Grounds	☐ Other	☐ Medium	

In December 2018, the North bascule gate ceased up and would not raise from the full down position. Hanson Engineers was retained to determine the cause of the problem. Once determined, repairs will be designed and implemented.

Submitted By:	Matt Newell			Five Year Plan					Future Years			
Date:	8/28/2019	Fiscal Year	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	
Item	Vendor	Percent Complete	Current Year Estimate	Budget Year Plan Year 1	Plan Year 2	Plan Year 3	Plan Year 4	Plan Year 5	Plan Year 6	Plan Year 7	Plan Year 8	Total Project Cost
Planning		0%	$153,900									$153,900
Preliminary Design		0%										$0
Final Design		0%		$40,000								$40,000
Legal		0%										$0
ROW & Easements		0%										$0
Construction		0%		$200,000								$200,000
Const. Engineering		0%										$0
Project Management		0%										$0
Misc. Supplies		0%										$0
Total Project Costs			$153,900	$240,000	$0	$0	$0	$0	$0	$0	$0	$393,900

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	Other Equipment	**Organization Number:**	81808128
Department or Organization:	Public Works	**Object Number:**	452000
Location:	Lake Services		
Purpose:	Replace existing flail tractor mower		
Description:	Replace existing flail tractor mower		
Relation to other Projects or Plans.	Operate the City's drinking water utility		

Activity:
- ☐ Maintenance
- ☐ Improvement
- ☑ Other

Type:
- ☐ Continuing
- ☐ New
- ☑ Other

Infrastructure Element:
- ☐ Streets
- ☑ Water
- ☐ Sidewalks & Trails
- ☐ Sanitary Sewer
- ☐ Traffic
- ☐ Econ. Develop.
- ☐ Storm Sewer
- ☐ Bldgs & Grounds
- ☐ Other

Priority:
- ☑ Top
- ☐ High
- ☐ Medium

Comments:
Use the space below to provide information on the project estimate and time frame.
Please provide sufficient information to enable others to understand the basis of your estimate.

In FY 19, Lake Services flail tractor mower was replaced.

Submitted By:	Keith Alexander			Five Year Plan					Future Years			
Date:	8/28/2019	Fiscal Year	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	
Item	Vendor	Percent Complete	Current Year Estimate	Budget Year Plan Year 1	Plan Year 2	Plan Year 3	Plan Year 4	Plan Year 5	Plan Year 6	Plan Year 7	Plan Year 8	Total Project Cost
Planning		0%										$0
Preliminary Design		0%										$0
Final Design		0%										$0
Legal		0%										$0
ROW & Easements		0%										$0
Construction		0%										$0
Const. Engineering		0%										$0
Project Management		0%										$0
Equipment		0%	$9,200									$9,200
Total Project Costs			$9,200	$0	$0	$0	$0	$0	$0	$0	$0	$9,200

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	Nonpoint Source Pollution Control	Organization Number:	81808128
Department or Organization:	Public Works	Object Number:	485600
Location:	Lake Decatur Watershed		
Purpose:	Reduce lake sedimentation and improve lake water quality		
Description:	Federal/State/Local cost share program to improve Lake Decatur water quality		
Relation to other Projects or Plans.	Assists implementation of Lake Decatur watershed studies recommendations		

Activity:	Type:	Infrastructure Element:			Priority:	Comments:
☑ Maintenance	☑ Continuing	☐ Streets	☑ Water	☐ Sidewalks & Trails	☐ Top	Use the space below to provide information on the project estimate and time frame.
☐ Improvement	☐ New	☐ Sanitary Sewer	☐ Traffic	☐ Econ. Develop.	☐ High	Please provide sufficient information to enable others to understand the basis of your estimate.
☐ Other	☐ Other	☐ Storm Sewer	☐ Bldgs & Grounds	☐ Other	☑ Medium	

Annual funding source and/or cost share match for Lake Decatur water quality improvement projects.

Submitted By:	Keith Alexander			Five Year Plan					Future Years			
Date:	8/28/2019	Fiscal Year	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	
Item	Vendor	Percent Complete	Current Year Estimate	Budget Year Plan Year 1	Plan Year 2	Plan Year 3	Plan Year 4	Plan Year 5	Plan Year 6	Plan Year 7	Plan Year 8	Total Project Cost
Planning		0%										$0
Preliminary Design		0%										$0
Final Design		0%		$25,000	$25,000	$30,000	$30,000	$35,000	$35,000	$40,000	$40,000	$260,000
Legal		0%										$0
ROW & Easements		0%										$0
Construction		0%										$0
Const. Engineering		0%										$0
Project Management		0%										$0
Misc. Supplies		0%										$0
Total Project Costs		.	$0	$25,000	$25,000	$30,000	$30,000	$35,000	$35,000	$40,000	$40,000	$260,000

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	Decatur Lakefront Development	Organization Number:	81808128
Department or Organization:	City Manager's Office, Public Works and Decatur Park District	Object Number:	485660
Location:	Lake Decatur Basin 2 (Nelson Park Basin)		
Purpose:	Enhance the City's quality of life, support and promote industry, business and tourism		
Description:	Develop the Decatur Lakefront with cultural, educational and recreational facilities and activities		
Relation to other Projects or Plans.	Project Intergovernmental Agreement with the Decatur Park District authorized on June 20, 2011		

Activity:
- [x] Maintenance
- [ ] Improvement
- [ ] Other

Type:
- [x] Continuing
- [ ] New
- [ ] Other

Infrastructure Element:
- [x] Streets
- [x] Water
- [ ] Sidewalks & Trails
- [ ] Sanitary Sewer
- [ ] Traffic
- [ ] Econ. Develop.
- [ ] Storm Sewer
- [ ] Bldgs & Grounds
- [ ] Other

Priority:
- [ ] Top
- [x] High
- [ ] Medium

Comments:
Use the space below to provide information on the project estimate and time frame.
Please provide sufficient information to enable others to understand the basis of your estimate.

Funding for lakefront development planning, engineering, permitting, construction, etc.

In FY 19, City Project 2018-36 consisted of replacing 85,100 SF of deteriorating asphalt at the Lake Office and Nelson Park boat ramps, converting exterior light fixtures to LED fixtures, installing 9,005 SF of stamped concrete, and replacing 530' of deteriorating chain link safety fence at the Lake Office pier and observation tower.

Projects and costs for FY 20 and beyond are yet to be determined by the City Council and Decatur Park Board.

Submitted By:	Keith Alexander			Five Year Plan					Future Years			
Date:	8/26/2019	Fiscal Year	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	
Item	Vendor	Percent Complete	Current Year Estimate	Budget Year Plan Year 1	Plan Year 2	Plan Year 3	Plan Year 4	Plan Year 5	Plan Year 6	Plan Year 7	Plan Year 8	Total Project Cost
Planning		0%										$0
Preliminary Design		0%										$0
Final Design		0%										$0
Legal		0%										$0
ROW & Easements		0%										$0
Construction		0%	$405,551									$405,551
Const. Engineering		0%										$0
Project Management		0%										$0
Misc. Supplies		0%										$0
Total Project Costs			$405,551	$0	$0	$0	$0	$0	$0	$0	$0	$405,551

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	Lake Decatur Sediment Control	Organization Number:	81808128
Department or Organization:	Public Works	Object Number:	486200
Location:	Lake Decatur Watershed		
Purpose:	Reduce Lake Decatur sedimentation and improve lake water quality		
Description:	Cost share funds for best management practice implementation in Lake Decatur Watershed		
Relation to other Projects or Plans.	Part of Comprehensive Plan to improve Lake Decatur and implement USDA NRCS and Macon County Soil & Water Conservation District recommendations.		

Activity:
- ☑ Maintenance
- ☐ Improvement
- ☐ Other

Type:
- ☑ Continuing
- ☐ New
- ☐ Other

Infrastructure Element:
- ☐ Streets
- ☑ Water
- ☐ Sidewalks & Trails
- ☐ Sanitary Sewer
- ☐ Traffic
- ☐ Econ. Develop.
- ☐ Storm Sewer
- ☐ Bldgs & Grounds
- ☐ Other

Priority:
- ☐ Top
- ☐ High
- ☑ Medium

Comments:
Use the space below to provide information on the project estimate and time frame.
Please provide sufficient information to enable others to understand the basis of your estimate.

Provides funding for the City's contribution to Lake Decatur watershed conservation improvement grants and projects on an as needed basis.

Submitted By:	Keith Alexander			Five Year Plan					Future Years			
Date:	8/28/2019	Fiscal Year	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	
Item	Vendor	Percent Complete	Current Year Estimate	Budget Year Plan Year 1	Plan Year 2	Plan Year 3	Plan Year 4	Plan Year 5	Plan Year 6	Plan Year 7	Plan Year 8	Total Project Cost
Planning		0%										$0
Preliminary Design		0%										$0
Final Design		0%		$35,000	$35,000	$40,000	$40,000	$45,000	$45,000	$50,000	$50,000	$340,000
Legal		0%										$0
ROW & Easements		0%										$0
Construction		0%										$0
Const. Engineering		0%										$0
Project Management		0%										$0
Misc. Supplies		0%										$0
Total Project Costs			$0	$35,000	$35,000	$40,000	$40,000	$45,000	$45,000	$50,000	$50,000	$340,000

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	Additional Water Supply	Organization Number:	81808128
Department or Organization:	Public Works	Object Number:	488900
Location:	To be determined		
Purpose:	Obtain additional water supply for severe drought preparedness		
Description:	Determine viable additional water supply options		
Relation to other Projects or Plans.	Reliable Water System Program		

Activity:
- ☐ Maintenance
- ☑ Improvement
- ☐ Other

Type:
- ☑ Continuing
- ☐ New
- ☐ Other

Infrastructure Element:
- ☐ Streets
- ☑ Water
- ☐ Sidewalks & Trails
- ☐ Sanitary Sewer
- ☐ Traffic
- ☐ Econ. Develop.
- ☐ Storm Sewer
- ☐ Bldgs & Grounds
- ☐ Other

Priority:
- ☐ Top
- ☑ High
- ☐ Medium

Comments:
Use the space below to provide information on the project estimate and time frame.
Please provide sufficient information to enable others to understand the basis of your estimate.

INTERA Inc. was hired by the City to develop an Additional Water Supply Plan to ensure that the City has enough water to withstand a 10 month duration severe drought. The Plan was completed in FY 19.

Immediate action items recommended by INTERA that require capital expenditures are:

FY 20 Perform bathymetric study of Lake Decatur between US 51 and the dam, inspect primary intakes and raw water pump station to verify functionality and capacity of the intakes at a lake elevation of 604 feet. Cost estimate $130,000.

FY 21 Inspect, rehabilitate and test DeWitt wells. Test water quality of the well water. Sample and analyze settling lagoon influent, effluent, accumulated sediment and performance to determine whether it is still needed. Cost estimate $520,000.

FY 21 Conduct a legal and environmental review of the status of the Rhodes landfill closure and potential future liabilities, if Lake Tokorozawa and the landfill property were acquired by the City. Cost estimate $75,000.

FY 21 Perform bathymetric study and estimate recharge and water supply capacity of the City owned former Vulcan Pit. Analyze water quality and evaluate blending potential. Cost estimate $50,000.

Expenditures for FY 22 and beyond are dependent on the results of the above immediate action items so they are not included in this worksheet at this time.

Submitted By:	Keith Alexander			Five Year Plan					Future Years			
Date:	9/26/2019	Fiscal Year	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	
Item	Vendor	Percent Complete	Current Year Estimate	Budget Year Plan Year 1	Plan Year 2	Plan Year 3	Plan Year 4	Plan Year 5	Plan Year 6	Plan Year 7	Plan Year 8	Total Project Cost
Planning		0%	$219,259	$130,000	$50,000							$399,259
Preliminary Design		0%										$0
Final Design		0%										$0
Legal		0%	$320		$75,000							$75,320
ROW & Easements		0%										$0
Construction		0%			$520,000							$520,000
Const. Engineering		0%										$0
Project Management		0%										$0
Misc. Supplies		0%										$0
Total Project Costs			$219,579	$130,000	$645,000	$0	$0	$0	$0	$0	$0	$994,579

CITY OF DECATUR
CAPITAL IMPROVEMENT PLAN FY 2020 TO FY 2024

Project Title/Name:	Lake Decatur Dredging Basins 1 through 4 - City Project W1314	Organization Number:	89438902
Department or Organization:	Public Works	Object Number:	485900
Location:	Lake Decatur		
Purpose:	Remove accumulated sediment to reclaim large areas of the lake, increase water storage, improve recreational opportunities, enhance aquatic habitat and wildlife, increase property values.		
Description:	Dredge Lake Decatur Basins 1 through 4		
Relation to other Projects or Plans.	City Council goal to improve Lake Decatur and acquire additional water supply.		

Activity:
- ☑ Maintenance
- ☐ Improvement
- ☐ Other

Type:
- ☑ Continuing
- ☐ New
- ☐ Other

Infrastructure Element:
- ☐ Streets
- ☑ Water
- ☐ Sidewalks & Trails
- ☐ Sanitary Sewer
- ☐ Traffic
- ☐ Econ. Develop.
- ☐ Storm Sewer
- ☐ Bldgs & Grounds
- ☐ Other

Priority:
- ☑ Top
- ☐ High
- ☐ Medium

Comments:
Use the space below to provide information on the project estimate and time frame.
Please provide sufficient information to enable others to understand the basis of your estimate.

Dredging was completed in late FY 18. Project access sites landscape restoration and Oakley sediment storage site surface drainage restoration will be completed in FY 19.

Submitted By:	Keith Alexander			Five Year Plan					Future Years			
Date:	8/28/2019	Fiscal Year	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	
Item	**Vendor**	**Percent Complete**	**Current Year Estimate**	**Budget Year Plan Year 1**	**Plan Year 2**	**Plan Year 3**	**Plan Year 4**	**Plan Year 5**	**Plan Year 6**	**Plan Year 7**	**Plan Year 8**	**Total Project Cost**
Planning		100%										$0
Survey		100%										$0
Final Design		100%										$0
ROW & Easements		100%										$0
Road Construction		100%										$0
Construction		100%	$10,885,856									$10,885,856
Const. Engineering		100%	$33,979									$33,979
Total Project Costs			$10,919,835	$0	$0	$0	$0	$0	$0	$0	$0	$10,919,835