

Category: **Sanitary Sewer**

Funding Status: **Funding Not Secured**

Project: **Briarwood Subdivision Infrastructure Rehabilitation**

Project Description: The Briarwood Subdivision was constructed in 1921. Minimal improvements to the sewers, water mains and streets have been performed since its construction. This project involves the complete rehabilitation of the sewers, water mains and streets in the subdivision.

Project Status: This project does not have secured funding in FY19 and this would only be a small portion of the total project. This project will also include water, storm water, and capital improvement.

Strategic Plan Link: 2. Upgrade City infrastructure and facilities

Strategic Plan Significance: 4d. Improved neighborhood infrastructure

Capital Costs

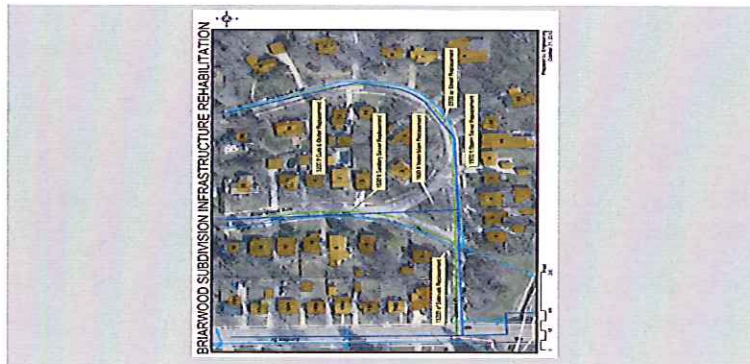
Fund	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
	\$0	\$0	\$225,000	\$0	\$0	\$225,000
Total	\$0	\$0	\$225,000	\$0	\$0	\$225,000

Neighborhood:

Ward: Ward 4

Photo (if applicable):

Aerial photo of Briarwood subdivision.



Category: **Sanitary Sewer**

Funding Status: **Funding Secured**

Project: **Broadmoor Sanitary Sewer - Footing Drain Survey**

Project Description: Project will include surveying approximately 50 homes within the Broadmoor sanitary sewer meter district to estimate the number of homes with footing tiles connected to the sanitary sewer. Illegal footing tile connections contribute to inflow and infiltration problems.

Project Status: This project is fully funded in FY17. Engineering is looking at the possibility of adding this project to our televising contract. Estimated to begin in the Fall of 2016.

Strategic Plan Link: 2. Upgrade City infrastructure and facilities

Strategic Plan Significance: 2c. Functional, well-maintained sewer collection system

Capital Costs

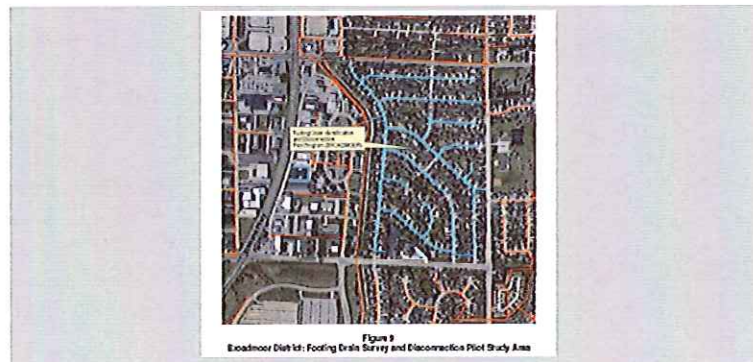
Fund	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
	\$125,000	\$0	\$0	\$0	\$0	\$125,000
Total	\$125,000	\$0	\$0	\$0	\$0	\$125,000

Neighborhood:

Ward: Ward 8

Photo (if applicable):

Aerial photo of area to be evaluated.



Category: **Sanitary Sewer**

Funding Status: **Funding Not Secured**

Project: **CCTV-GIS Infrastructure Rating Tool Development**

Project Description: This project will provide a means for the City to integrate the information collected from sewer CCTV inspections into its GIS system. This project is recommended for prioritization in the Sanitary Sewer and Storm Water Master Plans.

Project Status: There is no identified funding in FY18 for this project.

Strategic Plan Link: 2. Upgrade City infrastructure and facilities

Strategic Plan Significance: 2c. Functional, well-maintained sewer collection system

Capital Costs

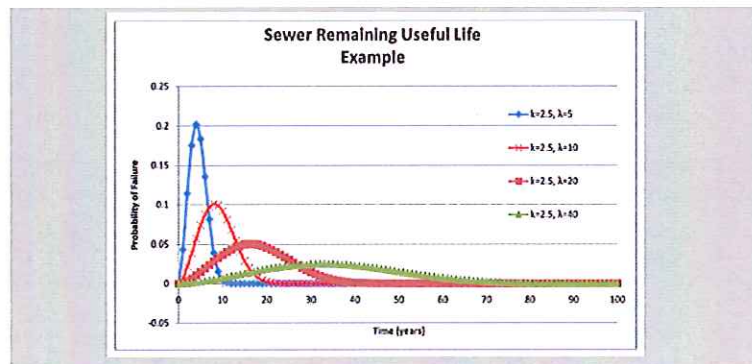
Fund	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
	\$0	\$30,000	\$0	\$0	\$0	\$30,000
Total	\$0	\$30,000	\$0	\$0	\$0	\$30,000

Neighborhood: Citywide

Ward: Multiple

Photo (if applicable):

Example of GIS generated information.



Category:	Sanitary Sewer	Funding Status:	Funding Secured
Project:	Eagle Crest East Pump Station Improvements		

Project Description: The pump station and force main were constructed in the 1990s. Components are old and obsolete. If a pump fails, it can take 4-6 months for repair. This increases the risk of sewer backup or surface sewage.

Project Status: This project is fully funded in FY17. The design was awarded at the 4/25/16 council. The improvements portion of this project may not be able to be done in FY17.

Strategic Plan Link: 2. Upgrade City infrastructure and facilities

Strategic Plan Significance: 2c. Functional, well-maintained sewer collection system

Capital Costs

Fund	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
	\$300,000	\$0	\$0	\$0	\$0	\$300,000
Total	\$300,000	\$0	\$0	\$0	\$0	\$300,000

Neighborhood: Eagle Crest

Ward: Ward 9

Photo (if applicable):

Aerial map of the pump station.



Category: **Sanitary Sewer**

Funding Status: **Funding Secured**

Project: **ESRI-GIS-CCTV-Munis Tool Upgrades**

Project Description: To efficiently integrate the information collected from sewer CCTV inspections into GIS. Inspection data is a key component of a Business Risk Exposure (BRE) model which allows for the prioritization of spending on sewer infrastructure based on the business risk to the City.

Project Status: This project is funded in FY18 and is recommended for effectively assigning priorities in the Sanitary Sewer and Storm Water Master Plans.

Strategic Plan Link: 2. Upgrade City infrastructure and facilities

Strategic Plan Significance: 2c. Functional, well-maintained sewer collection system

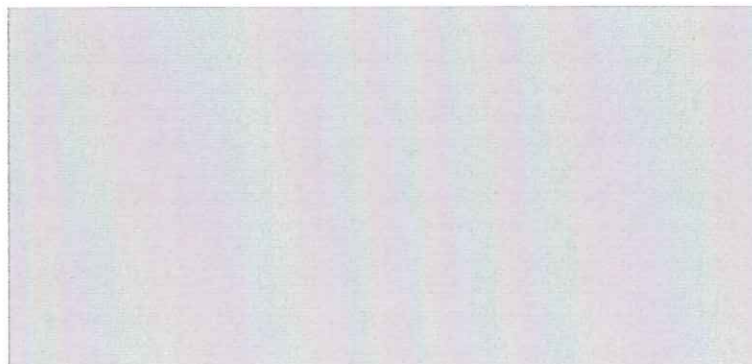
Capital Costs

Fund	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
	\$0	\$30,000	\$0	\$0	\$0	\$0
Total	\$0	\$30,000	\$0	\$0	\$0	\$0

Neighborhood:

Ward: Multiple

Photo (if applicable):



Category: **Sanitary Sewer**

Funding Status: **Funding Secured**

Project: **Fell Avenue Pump Station Improvements - Design**

Project Description: The Fell Avenue Pump Station and associated force main was constructed in 2005. This project will construct operational efficiency and redundancy improvements identified in the FY2016 Lift Station and Forcemain Evaluation Study.

Project Status: This project is fully funded in FY17. The design was awarded at the 4/25/16 council.

Strategic Plan Link: 2. Upgrade City infrastructure and facilities

Strategic Plan Significance: 2c. Functional, well-maintained sewer collection system

Capital Costs

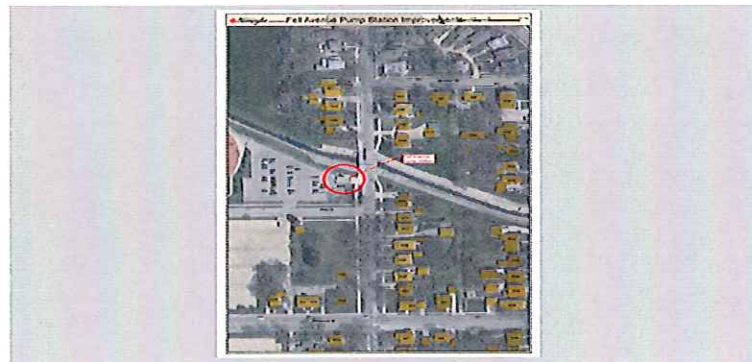
Fund	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
	\$20,000	\$0	\$0	\$0	\$0	\$20,000
Total	\$20,000	\$0	\$0	\$0	\$0	\$20,000

Neighborhood:

Ward: Ward 4

Photo (if applicable):

Aerial map of the pump station.



Category: **Sanitary Sewer**

Funding Status: **Funding Not Secured**

Project: **Fell Avenue Pump Station Improvements**

Project Description: The Fell Avenue Pump Station and associated force main was constructed in 2005. This project will construct operational efficiency and redundancy improvements identified in the FY2016 Lift Station and Forcemain Evaluation Study.

Project Status: This project is fully funded in FY17. The design was awarded at the 4/25/16 council. The Improvements do not have secured funding in FY18.

Strategic Plan Link: 2. Upgrade City infrastructure and facilities

Strategic Plan Significance: 2c. Functional, well-maintained sewer collection system

Capital Costs

Fund	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
	\$0	\$100,000	\$0	\$0	\$0	\$100,000
Total	\$0	\$100,000	\$0	\$0	\$0	\$100,000

Neighborhood:

Ward: Ward 4

Photo (if applicable):

Aerial map of the pump station.



Category: **Sanitary Sewer**

Funding Status: **Funding Not Secured**

Project: **Gray Avenue Sanitary Sewer (300 Block)**

Project Description: The 300 block of Gray Avenue does not have public sanitary sewer mains to serve the properties. The existing homes are served mainly by undocumented private sewer lines. This project will provide a public sanitary sewer service to this neighborhood.

Project Status: This project is not funded in FY19.

Strategic Plan Link: 2. Upgrade City infrastructure and facilities

Strategic Plan Significance: 4d. Improved neighborhood infrastructure

Capital Costs

Fund	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
	\$0	\$0	\$ 160,000	\$0	\$0	\$ 160,000
Total	\$0	\$0	\$ 160,000	\$0	\$0	\$ 160,000

Neighborhood:

Ward: Ward 1

Photo (if applicable):

Aerial photo of the proposed area for the sewer line.



Category: **Sanitary Sewer**

Funding Status: **Funding Secured**

Project: **The Grove on Kickapoo Creek Subdivision Sewer Oversizing**

Project Description: City share of sanitary sewer oversizing in The Grove on Kickapoo Creek Subdivision per Annexation Agreement approved September 26, 2005. City is obligated to pay for oversizing sewers larger than what is required to serve the development. City must pay within 30 days of invoice.

Project Status: This project has secured funding in FY17 but not in FY18 & FY19. This project is dependent on the developer and when they develop new additions requiring sewer oversizing.

Strategic Plan Link: 2. Upgrade City infrastructure and facilities

Strategic Plan Significance: 4c. Preservation of property/home valuations

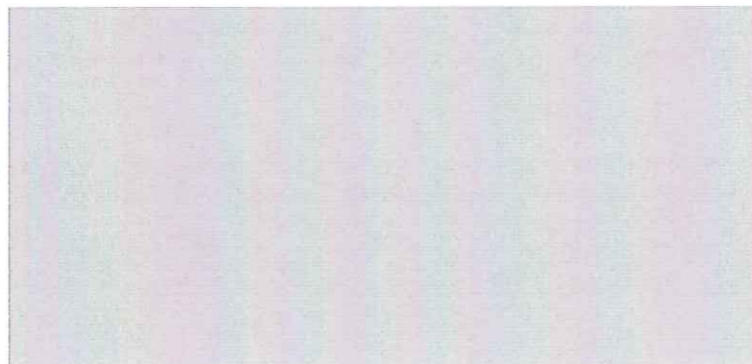
Capital Costs

Fund	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
	\$ 500,000	\$	\$	\$0	\$0	\$0
Total	\$ 500,000	\$	\$	\$0	\$0	\$0

Neighborhood:

Ward: Ward 8

Photo (if applicable):



Category: **Sanitary Sewer**

Funding Status: **Funding Not Secured**

Project: **Grove on Kickapoo Creek Sewer Oversizing**

Project Description: City share of sanitary sewer oversizing in The Grove on Kickapoo Creek Subdivision per Annexation Agreement approved September 26, 2005. City is obligated to pay for oversizing sewers larger than what is required to serve the development. City must pay within 30 days of invoice.

Project Status: This project has secured funding in FY17 but not in FY18 & FY19. This project is dependent on the developer and when they develop new additions requiring sewer oversizing.

Strategic Plan Link: 2. Upgrade City infrastructure and facilities

Strategic Plan Significance: 4d. Improved neighborhood infrastructure

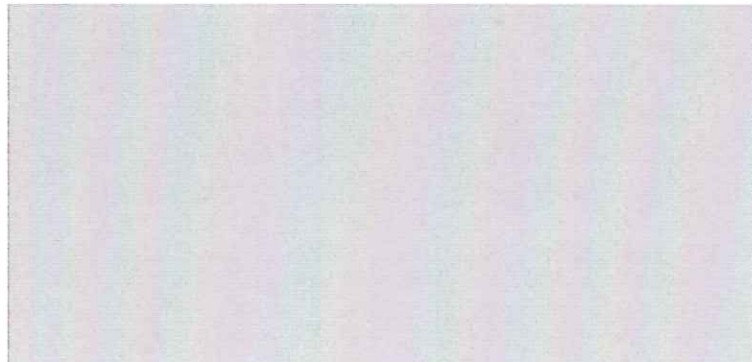
Capital Costs

Fund	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
	\$0	\$600,000	\$700,000	\$0	\$0	\$1,300,000
Total	\$0	\$600,000	\$700,000	\$0	\$0	\$1,300,000

Neighborhood: The Grove

Ward: Ward 8

Photo (if applicable):



Category:	Sanitary Sewer	Funding Status:	Funding Secured
Project:	Grove Street Sanitary Sewer		

Project Description: The 400 block of East Grove Street does not have public sanitary sewer mains to serve the properties. The existing homes are served mainly by undocumented private sewer lines. This project will provide a public sanitary sewer for the existing properties to connect to City services.

Project Status: This project is fully funded in FY 2017. Plans are being done in-house and are 5% completed. Still projecting to complete this project by fiscal year end.

Strategic Plan Link: 2. Upgrade City infrastructure and facilities

Strategic Plan Significance: 5a. Well-planned City with necessary services and infrastructure

Capital Costs

Fund	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
	\$ 160,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 160,000
Total	\$ 160,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 160,000

Neighborhood: Dimmits Grove

Ward: Ward 6

Photo (if applicable):

Aerial map of the area.



Category: Sanitary Sewer	Funding Status: Funding Not Secured
Project: Hawthorne Collector Sewer Capacity Upgrade	

Project Description: This project will connect the Hawthorne Collector Sewer to the 42-inch interceptor with a 30-inch sewer connection under the Airport Road/ GE Road intersection to improve system capacity.

Project Status: Currently there is no funding identified in FY18 & FY19.

Strategic Plan Link: 2. Upgrade City infrastructure and facilities

Strategic Plan Significance: 2c. Functional, well-maintained sewer collection system

Capital Costs

Fund	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
	\$0	\$75,000	\$525,000	\$0	\$0	\$600,000
Total	\$0	\$75,000	\$525,000	\$0	\$0	\$600,000

Neighborhood:

Ward: Ward 3

Photo (if applicable):

Aerial photo of the work area.



Category: **Sanitary Sewer**

Funding Status: **Funding Secured**

Project: **Install Public Sanitary Sewer in Areas with no Public Sewer**

Project Description: There are numerous areas in the City that do not have public sanitary sewer mains to serve the properties. The existing homes are served mainly by undocumented private sewer lines. This project can provide a public sanitary sewer for the existing properties to connect City services.

Project Status: This project is fully funded in FY20. In FY17, both Olive and Grove street blocks are being completed. The FY20 project will begin in the summer of 2019.

Strategic Plan Link: 2. Upgrade City infrastructure and facilities

Strategic Plan Significance: 5a. Well-planned City with necessary services and infrastructure

Capital Costs

Fund	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
	\$0	\$0	\$0	\$250,000	\$0	\$250,000
Total	\$0	\$0	\$0	\$250,000	\$0	\$250,000

Neighborhood:

Ward: Ward 6

Photo (if applicable):

Providing the opportunity for citizens to have access to City services.



Category: **Sanitary Sewer**

Funding Status: **Funding Not Secured**

Project: **Install Public Sanitary Sewer in Areas with no Public Sewer**

Project Description: There are numerous areas in the City that do not have public sanitary sewer mains to serve the properties. The existing homes are served mainly by undocumented private sewer lines. This project can provide a public sanitary sewer for the existing properties to connect City services.

Project Status: There is no identified funding for this project in FY21. In FY17, both Olive and Grove street blocks are being completed.

Strategic Plan Link: 2. Upgrade City infrastructure and facilities

Strategic Plan Significance: 5a. Well-planned City with necessary services and infrastructure

Capital Costs

Fund	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
	\$0	\$0	\$0	\$0	\$250,000	\$250,000
Total	\$0	\$0	\$0	\$0	\$250,000	\$250,000

Neighborhood:

Ward: Ward 6

Photo (if applicable):

Providing more residents with the opportunity to have City services.



Category: **Sanitary Sewer**

Funding Status: **Funding Secured**

Project: **Inventory Manholes-Structures**

Project Description: This addresses the asset management portion of the Sewer & Storm Water master plan. It is necessary to know what assets the City sewer system has so needs can be prioritized.

Project Status: Funding for this projects is secured in FY18.

Strategic Plan Link: 2. Upgrade City infrastructure and facilities

Strategic Plan Significance: 2c. Functional, well-maintained sewer collection system

Capital Costs

Fund	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
	\$0	\$60,000	\$0	\$0	\$0	\$60,000
Total	\$0	\$60,000	\$0	\$0	\$0	\$60,000

Neighborhood: Citywide

Ward: Multiple

Photo (if applicable):

City manhole.



Category: **Sanitary Sewer**

Funding Status: **Funding Not Secured**

Project: **Locust Colton CSO Elimination & Water Main Replacement**

Project Description: The Environmental Protection Agency has mandated that Cities pursue programs to eliminate Combined Sewer Overflow (CSO) discharging directly to receiving bodies of water. Phase 1 Construction was completed in August 2013. Phase 2 Design is 95% complete.

Project Status: Although Phase 2 of construction is eligible for an IEPA revolving loan, at this time, there is no funding clearly identified for all the pieces of the CSO plan. Funding also needs to be provided by the Storm Water and Water funds. This also includes Phase 3.

Strategic Plan Link: 2. Upgrade City infrastructure and facilities

Strategic Plan Significance: 2c. Functional, well-maintained sewer collection system

Capital Costs

Fund	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
	\$0	\$10,000	\$1,345,000	\$1,080,000	\$540,000	\$2,975,000
Total	\$0	\$10,000	\$1,345,000	\$1,080,000	\$540,000	\$2,975,000

Neighborhood:

Ward: Ward 4

Photo (if applicable):

Locust Colton Phase 1.



Category: **Sanitary Sewer**

Funding Status: **Funding Not Secured**

Project: **Low Street Sanitary Sewer (900-1100 S. Block) Construction**

Project Description: The 900 - 1100 block of Low Street does not have public sanitary sewer mains to serve the properties. The existing homes are served mainly by undocumented private sewer lines. This project will provide City services.

Project Status: The funding for this project is not secured in FY18.

Strategic Plan Link: 2. Upgrade City infrastructure and facilities

Strategic Plan Significance: 4d. Improved neighborhood infrastructure

Capital Costs

Fund	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
	\$0	\$400,000	\$0	\$0	\$0	\$400,000
Total	\$0	\$400,000	\$0	\$0	\$0	\$400,000

Neighborhood:

Ward: Ward 1

Photo (if applicable):

Aerial photo of the proposed sewer line.



Category: **Sanitary Sewer**

Funding Status: **Funding Secured**

Project: **Inventory Manholes-Structures**

Project Description: This addresses the asset management portion of the Sewer & Storm Water master plan. It is necessary to know what assets the City sewer system has so needs can be prioritized.

Project Status: Funding for this projects is secured in FY18.

Strategic Plan Link: 2. Upgrade City infrastructure and facilities

Strategic Plan Significance: 2c. Functional, well-maintained sewer collection system

Capital Costs

Fund	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
	\$0	\$60,000	\$0	\$0	\$0	\$60,000
Total	\$0	\$60,000	\$0	\$0	\$0	\$60,000

Neighborhood: Citywide

Ward: Multiple

Photo (if applicable):

City manhole.



Category: **Sanitary Sewer**

Funding Status: **Funding Not Secured**

Project: **Manhole Inspection Program**

Project Description: This addresses the asset management portion of the Sewer & Storm Water master plan. It is necessary to know what assets the City sewer system has and the condition so needs can be prioritized and issues addressed.

Project Status: Funding for this projects is secured in FY19 & FY20 but not in FY18.

Strategic Plan Link: 2. Upgrade City infrastructure and facilities

Strategic Plan Significance: 2c. Functional, well-maintained sewer collection system

Capital Costs

Fund	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
	\$0	\$90,000	\$0	\$0	\$0	\$90,000
Total	\$0	\$90,000	\$0	\$0	\$0	\$90,000

Neighborhood: Citywide

Ward: Multiple

Photo (if applicable):

City manhole.



Category: **Sanitary Sewer**

Funding Status: **Funding Not Secured**

Project: **Miller Street Sanitary Sewer (800 East Block)**

Project Description: The 800 block of East Miller Street does not have public sanitary sewer mains to serve the properties. The existing homes are served mainly by undocumented private sewer lines. This project will provide a public sanitary sewer service.

Project Status: This project is not funded in FY19.

Strategic Plan Link: 2. Upgrade City infrastructure and facilities

Strategic Plan Significance: 4d. Improved neighborhood infrastructure

Capital Costs

Fund	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
	\$0	\$0	\$160,000	\$0	\$0	\$160,000
Total	\$0	\$0	\$160,000	\$0	\$0	\$160,000

Neighborhood:

Ward: Ward 1

Photo (if applicable):

Aerial photo of the proposed area for the sewer line.



Category: **Sanitary Sewer** Funding Status: **Funding Secured**
 Project: **Multi-Year Sanitary CCTV (Closed Circuit Televising) Evaluations**

Project Description: Project will continue the sewer system CCTV inspections throughout the City. CCTV inspection of public sewer mains are completed in the areas experiencing inflow and infiltration, deterioration and street maintenance or resurfacing.

Project Status: The first four years are fully funded. This is projected to begin in Fall 2016.

Strategic Plan Link: 2. Upgrade City infrastructure and facilities

Strategic Plan Significance: 5a. Well-planned City with necessary services and infrastructure

Capital Costs

Fund	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
	\$200,000	\$200,000	\$400,000	\$500,000	\$0	\$1,300,000
Total	\$200,000	\$200,000	\$400,000	\$500,000	\$0	\$1,300,000

Neighborhood: Citywide

Ward: Multiple

Photo (if applicable):

Camera truck for televising sanitary sewer lines.



Category: **Sanitary Sewer**

Funding Status: **Funding Not Secured**

Project: **Multi-Year Sanitary CCTV (Closed Circuit Televising) Evaluations**

Project Description: Project will continue the sewer system CCTV inspections throughout the City. CCTV inspection of public sewer mains in the areas experiencing inflow and infiltration, deterioration and street maintenance or resurfacing.

Project Status: In FY21, this project does not have secured funding.

Strategic Plan Link: 2. Upgrade City infrastructure and facilities

Strategic Plan Significance: 5a. Well-planned City with necessary services and infrastructure

Capital Costs

Fund	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Funded	\$0	\$0	\$0	\$0	\$400,000	\$400,000
Total	\$0	\$0	\$0	\$0	\$400,000	\$400,000

Neighborhood: Citywide

Ward: Multiple

Photo (if applicable):

Camera truck for televising sanitary sewer lines.



Category: **Sanitary Sewer**

Funding Status: **Funding Secured**

Project: **Multi-Year Sewer and Manhole Lining Program**

Project Description: Annual program that provides for installation of a liner inside existing sewer pipes and manholes to extend the service life of the infrastructure. Cost varies depending on pipe size, depth, number of service mains and other complexities.

Project Status: Funding is fully secured for FY17 and has some secured funding in FY18 and FY21. Scheduled to start bid in Fall 2016.

Strategic Plan Link: 2. Upgrade City infrastructure and facilities

Strategic Plan Significance: 5a. Well-planned City with necessary services and infrastructure

Capital Costs

Fund	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Funded	\$ 1,500,000	\$ 320,000	\$ 0	\$ 0	\$ 1,000,000	\$ 2,820,000
Total	\$ 1,500,000	\$ 320,000	\$ 0	\$ 0	\$ 1,000,000	\$ 2,820,000

Neighborhood: Citywide

Ward: Multiple

Photo (if applicable):

Sewer lining in progress.



Category: **Sanitary Sewer**

Funding Status: **Funding Not Secured**

Project: **Multi-Year Sewer and Manhole Lining Program**

Project Description: Annual program that provides for installation of a liner inside existing sewer pipes and manholes to extend the service life of the infrastructure. Cost varies depending on pipe size, depth, number of service and other complexities.

Project Status: There is not full funding in FY18 and FY21 and no secured funding in FY19 and FY20.

Strategic Plan Link: 2. Upgrade City infrastructure and facilities

Strategic Plan Significance: 5a. Well-planned City with necessary services and infrastructure

Capital Costs

Fund	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
	\$1,500,000	\$1,180,000	\$2,000,000	\$2,500,000	\$1,000,000	\$8,180,000
Total	\$1,500,000	\$1,180,000	\$2,000,000	\$2,500,000	\$1,000,000	\$8,180,000

Neighborhood: Citywide

Ward: Multiple

Photo (if applicable):

Sewer lining in progress.



Category: **Sanitary Sewer**

Funding Status: **Funding Secured**

Project: **Olive Street Sanitary Sewer**

Project Description: The 400 block of Olive Street does not have public sanitary sewer mains to serve the properties. The existing homes are served mainly by undocumented private sewer lines. This project will provide a public sanitary sewer for the existing properties to connect City services.

Project Status: This project is fully funded in FY17. Plans are being done in-house and are 5% completed. Still projecting to complete this project by fiscal year end.

Strategic Plan Link: 2. Upgrade City infrastructure and facilities

Strategic Plan Significance: 5a. Well-planned City with necessary services and infrastructure

Capital Costs

Fund	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
	\$ 160,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 160,000
Total	\$ 160,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 160,000

Neighborhood:

Ward: Ward 6

Photo (if applicable):

Aerial map of the area.



Category: **Sanitary Sewer**

Funding Status: **Funding Secured**

Project: **Post-Rehabilitation Flow Analysis**

Project Description: Testing to be done to determine if combined sewer overflow efforts are making an impact.

Project Status: This project has secured funding in FY19.

Strategic Plan Link: 2. Upgrade City infrastructure and facilities

Strategic Plan Significance: 2c. Functional, well-maintained sewer collection system

Capital Costs

Fund	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
	\$0	\$0	\$100,000	\$0	\$0	\$100,000
Total	\$0	\$0	\$100,000	\$0	\$0	\$100,000

Neighborhood: Citywide

Ward: Multiple

Photo (if applicable):

Example of smoke testing with a leak in the sewer line.



Category: **Sanitary Sewer**

Funding Status: **Funding Not Secured**

Project: **Pump Station Control Upgrades**

Project Description: Sewer is responsible for 8 sanitary pump stations that operate automatically. Staff does routine stations checks but need a system to alert of any abnormal conditions. SCADA (Supervisory Control and Data Acquisition) is a system that can meet these needs.

Project Status: This project does not have secured funding in FY19 or FY20.

Strategic Plan Link: 2. Upgrade City infrastructure and facilities

Strategic Plan Significance: 2c. Functional, well-maintained sewer collection system

Capital Costs

Fund	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
	\$0	\$0	\$125,000	\$425,000	\$0	\$550,000
Total	\$0	\$0	\$125,000	\$425,000	\$0	\$550,000

Neighborhood: Citywide

Ward: Multiple

Photo (if applicable):

Photo of one of the City's pump stations.



Category: **Sanitary Sewer**

Funding Status: **Funding Not Secured**

Project: **Sanitary Sewer & Manhole testing (SSES)**

Project Description: This project will continue the sewer system evaluations in the Broadmoor, Arcadia, Ireland Grove West, Ireland Grove East, Arrowhead/Holiday, and Stern sewershed areas performed during development of the Sanitary Sewer Master Plan in 2012.

Project Status: This project does not have secured funding in FY18.

Strategic Plan Link: 2. Upgrade City infrastructure and facilities

Strategic Plan Significance: 2c. Functional, well-maintained sewer collection system

Capital Costs

Fund	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
	\$0	\$260,000	\$0	\$0	\$0	\$260,000
Total	\$0	\$260,000	\$0	\$0	\$0	\$260,000

Neighborhood:

Ward: Multiple

Photo (if applicable):

Example of smoke testing with a leak in the sewer line.



Category: **Sanitary Sewer**

Funding Status: **Funding Not Secured**

Project: **Strawberry Road Sewer Improvements - Design & Construction**

Project Description: The Strawberry Road sewer and surrounding sewers were constructed in the mid-1990s. This projects will construct operational efficiency improvements identified in the FY 2016 Lift Station and Forcemain Evaluation Study to improve capacity for future development.

Project Status: The actual construction of this project has no funding identified in FY18.

Strategic Plan Link: 2. Upgrade City infrastructure and facilities

Strategic Plan Significance: 2c. Functional, well-maintained sewer collection system

Capital Costs

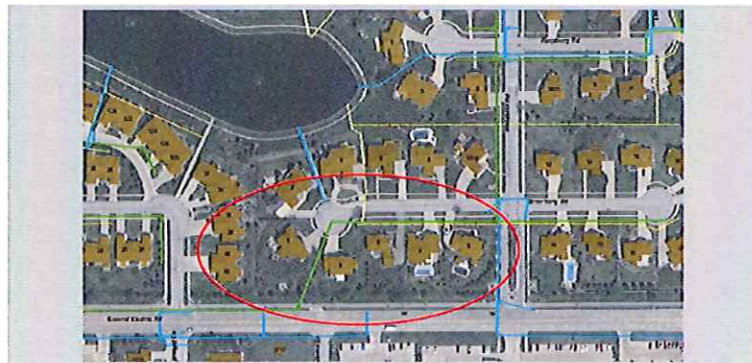
Fund	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Funded	\$0	\$400,000	\$0	\$0	\$0	\$400,000
Total	\$0	\$400,000	\$0	\$0	\$0	\$400,000

Neighborhood:

Ward: Ward 8

Photo (if applicable):

Aerial photo of area to be evaluated.



Category: **Sanitary Sewer**

Funding Status: **Funding Secured**

Project: **Strawberry Road Sewer Improvements - Design**

Project Description: The Strawberry Road sewer and surrounding sewers were constructed in the mid-1990s. This project will construct operational efficiency improvements identified in the FY 2016 Lift Station and Force Main Evaluation Study to improve capacity for future development.

Project Status: This design phase is fully funded in FY17. This will go to bid in Fall 2016.

Strategic Plan Link: 2. Upgrade City infrastructure and facilities

Strategic Plan Significance: 2c. Functional, well-maintained sewer collection system

Capital Costs

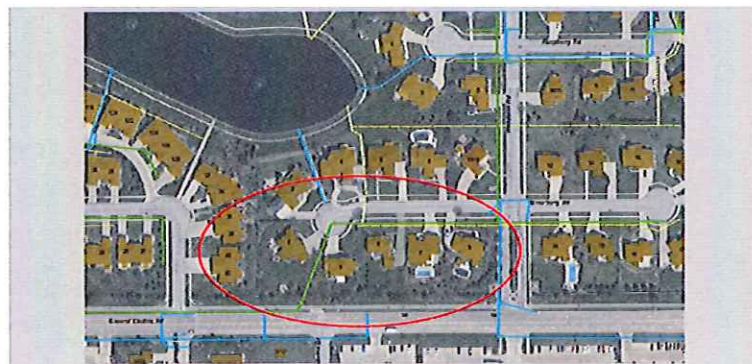
Fund	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Funded	\$ 125,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 125,000
Total	\$ 125,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 125,000

Neighborhood:

Ward: Ward 8

Photo (if applicable):

Aerial photo of area to be evaluated.



Category: **Sanitary Sewer**

Funding Status: **Funding Secured**

Project: **Sugar Creek Pump Station & Forcemain Improvements - Funded**

Project Description: The Sugar Creek Pump Station & associated force main was constructed in the mid to late 1990s. The pumps and related components in the station are old and even obsolete. Repair parts are difficult to obtain. This project involves evaluating the existing lift station & force main.

Project Status: The design portion of this project is fully funded in FY17. The design was awarded at the 4/25/16 council. The improvements portion of this project may not be able to be done in FY18 as there is no identified funding..

Strategic Plan Link: 2. Upgrade City infrastructure and facilities

Strategic Plan Significance: 2c. Functional, well-maintained sewer collection system

Capital Costs

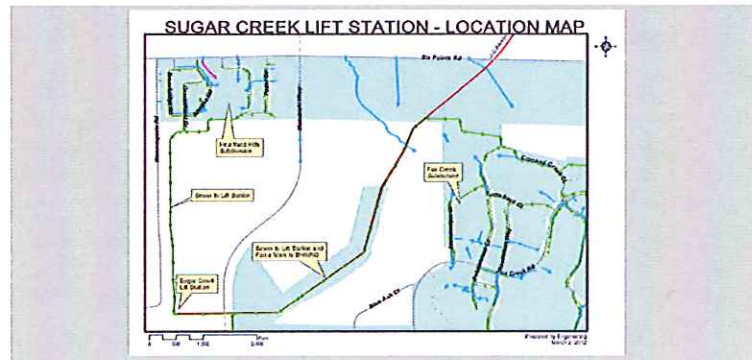
Fund	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
	\$ 50,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 50,000
Total	\$ 50,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 50,000

Neighborhood:

Ward: Ward 9

Photo (if applicable):

GIS map of the lift station location.



Category: Sanitary Sewer	Funding Status: Funding Not Secured
Project: Sugar Creek Pump Station & Forcemain Improvements - Funded	

Project Description: The Sugar Creek Pump Station & associated force main was constructed in the mid to late 1990s. The pumps and related components in the station are old and even obsolete. Repair parts are difficult to obtain. This project involves evaluating the existing lift station & force main.

Project Status: The design portion of this project is fully funded in FY17. The design was awarded at the 4/25/16 council. The improvements portion of this project may not be able to be done in FY18 as there is no identified funding..

Strategic Plan Link: 2. Upgrade City infrastructure and facilities

Strategic Plan Significance: 2c. Functional, well-maintained sewer collection system

Capital Costs

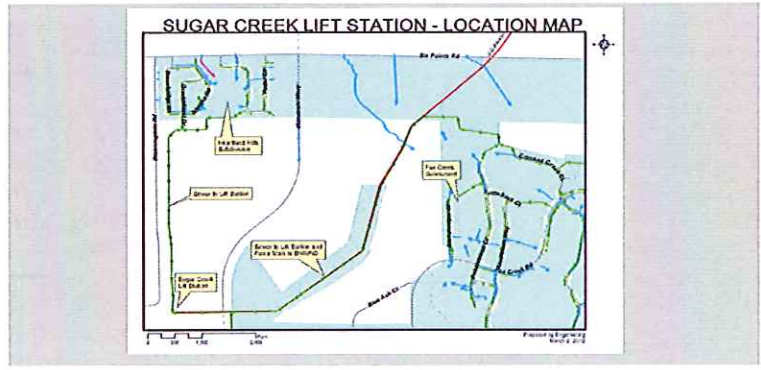
Fund	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
	\$0	\$500,000	\$0	\$0	\$0	\$500,000
Total	\$0	\$500,000	\$0	\$0	\$0	\$500,000

Neighborhood:

Ward: Ward 9

Photo (if applicable):

GIS map of the lift station location.



Category: **Sanitary Sewer**

Funding Status: **Funding Secured**

Project: **Valley Sewer (Maizefield) CSO Sewer Separation (Sewer)**

Project Description: Study full sanitary sewer separation to close the Valley Sewer (Maizefield) CSO and also improve impacts to residential homes. Results of the study would lead into design of Phase 1 & 2 construction plans.

Project Status: The Phase 1 design portion and land purchase are fully funded. Water and Storm Water also have pieces of this project. It is unknown at this time if this project will move forward in FY17.

Strategic Plan Link: 2. Upgrade City infrastructure and facilities

Strategic Plan Significance: 5a. Well-planned City with necessary services and infrastructure

Capital Costs

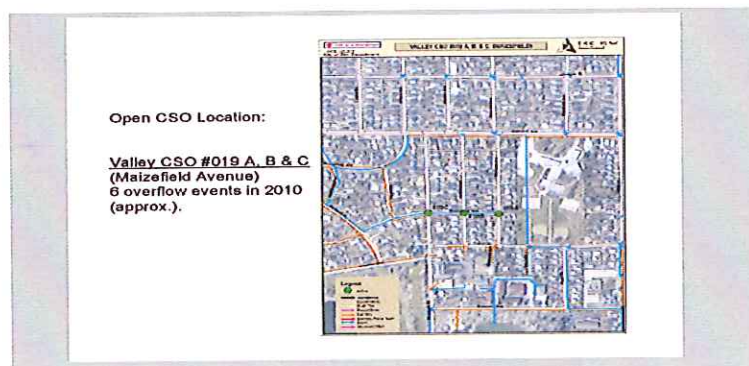
Fund	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Funded	\$ 80,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 80,000
Total	\$ 80,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 80,000

Neighborhood:

Ward: Ward 1

Photo (if applicable):

Aerial map of Valley Sewer area.



Category: **Sanitary Sewer**

Funding Status: **Funding Not Secured**

Project: **Valley Sewer (Maizefield) CSO Sewer Separation (Sewer)**

Project Description: Study full sanitary sewer separation to close the Valley Sewer (Maizefield) CSO and also improve impacts to residential homes. Results of the study would lead into design of Phase 1 & 2 construction plans.

Project Status: There is no funding identified in the out years for any further design work or construction. Water and Storm Water also have pieces of this project. Storm Water will have difficulty providing their portion if rates are not increased.

Strategic Plan Link: 2. Upgrade City infrastructure and facilities

Strategic Plan Significance: 5a. Well-planned City with necessary services and infrastructure

Capital Costs

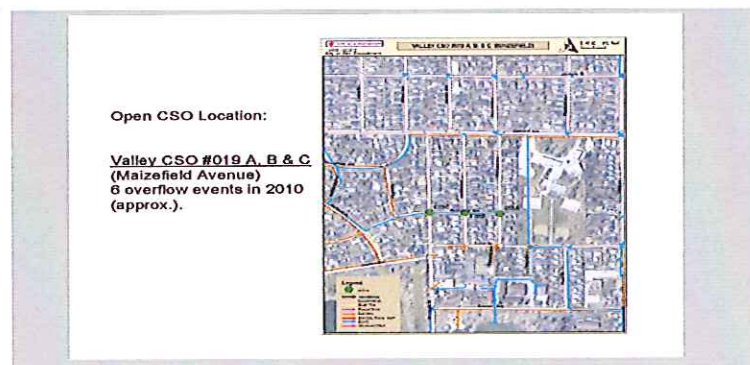
Fund	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Funded	\$0	\$390,000	\$300,000	\$0	\$0	\$690,000
Total	\$	\$390,000	\$300,000	\$0	\$0	\$690,000

Neighborhood:

Ward: Ward 1

Photo (if applicable):

Aerial map of Valley Sewer area.



Category: **Sanitary Sewer**

Funding Status: **Funding Not Secured**

Project: **Wall Street Sanitary Sewer (300 Block) Construction**

Project Description: The 300 block of Wall Street does not have public sanitary sewer mains to serve the properties. The existing homes are served mainly by undocumented private sewer lines. This project will provide the residents with City services.

Project Status: There is no secured funding in FY18 for this project.

Strategic Plan Link: 2. Upgrade City infrastructure and facilities

Strategic Plan Significance: 4d. Improved neighborhood infrastructure

Capital Costs

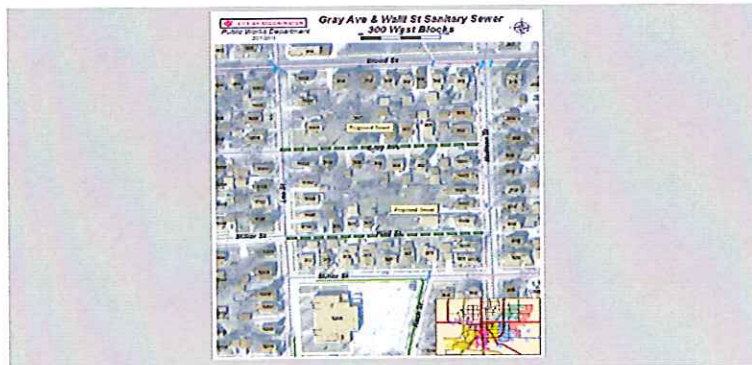
Fund	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
	\$0	\$400,000	\$0	\$0	\$0	\$400,000
Total	\$0	\$400,000	\$0	\$0	\$0	\$400,000

Neighborhood:

Ward: Ward 1

Photo (if applicable):

Aerial map of the project site.



Category:	Sanitary Sewer	Funding Status:	Funding Not Secured
Project:	Wet Weather Storage Project (10 MG Tank)		

Project Description: The southeast Waste Water Treatment Plant owned and operated by the Bloomington-Normal Water Reclamation District experiences sudden increases in incoming flow during certain rain events. The wet weather storage tank is proposed to level off these flows with storage tanks.

Project Status: Currently there is no funding identified in FY20 for this project.

Strategic Plan Link: 2. Upgrade City infrastructure and facilities

Strategic Plan Significance: 5a. Well-planned City with necessary services and infrastructure

Capital Costs

Fund	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
	\$0	\$0	\$0	\$200,000	\$0	\$200,000
Total	\$0	\$0	\$0	\$200,000	\$0	\$200,000

Neighborhood:

Ward: None Selected

Photo (if applicable):

Example of storage tanks.

