

***SEWER***

CAPITAL IMPROVEMENT PROGRAM  
PROJECT SUMMARY  
2017 PROJECT YEAR

**East Lincoln Avenue Sanitary Sewer Replacement**

**Department:** Sewer Utility

**Reference Number:** 370-10-154

**Division:** Sewer

**Fund:** Sewer

PROJECT OBJECTIVE: Replace sanitary sewer on East Lincoln Avenue from Grand Avenue to South Main Street.

PROJECT DESCRIPTION: Replace 1300 linear feet of 8" sanitary sewer that was previously not replaced.

PROJECT JUSTIFICATION: Sanitary sewer needs to be replaced prior to street reconstruction.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$185,500				
Less Disposals					
<b>NET COST</b>	<b>\$185,500</b>				

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
<b>TOTAL EXPENSES</b>	<b>\$0</b>	<b>TOTAL REVENUE</b>	<b>\$0</b>

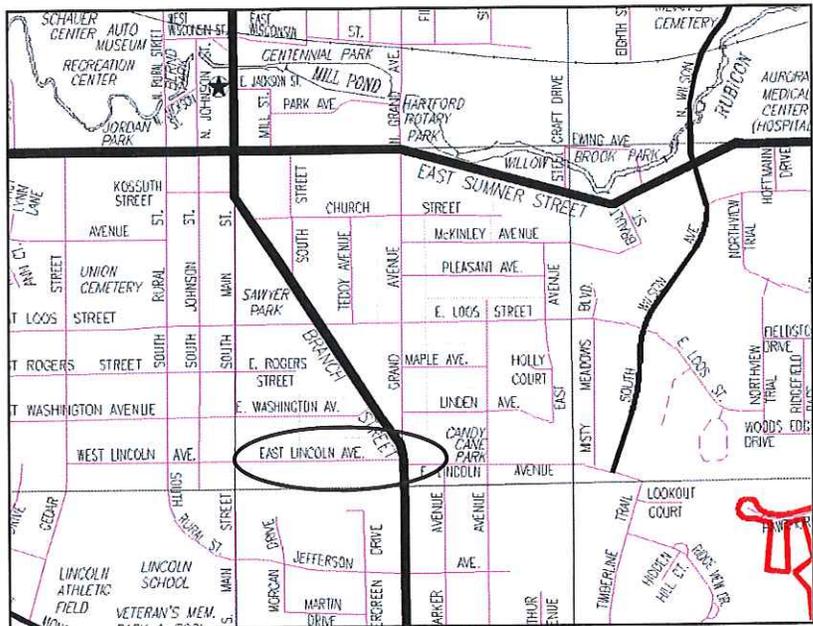
CAPITAL IMPROVEMENT PROGRAM  
PROJECT SUMMARY  
2017 PROJECT YEAR

East Lincoln Avenue Sanitary Sewer Replacement

Reference Number: 370-10-154

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water				
Sanitary Sewer	1300 L.F.	\$135	\$175,500	Retained Earnings
Equipment				
Engineering/Arch.			\$5,000	Retained Earnings
Force Labor				
Contingencies			\$5,000	Retained Earnings
<b>TOTAL PROJECT</b>			<b>\$185,500</b>	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2017	2017



CAPITAL IMPROVEMENT PROGRAM  
PROJECT SUMMARY  
2017 PROJECT YEAR

**Vehicle Replacement**

**Department:** Sewer Utility

**Reference Number:** 370-11-157

**Division:** Sewer

**Fund:** Sewer

PROJECT OBJECTIVE: Maintain safe and reliable sewer collection system maintenance equipment.

PROJECT DESCRIPTION: Replacement of collection system/pump station, camera service vehicle.

PROJECT JUSTIFICATION: The service vehicle being replaced is 8 years old and has had transmission and rear end issues from the onset. This vehicle plows snow for the entire plant area and 14 lift stations and is equipped to pull all remote site pumps and serves as the sewer camera vehicle.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$62,900				
Less Disposals	(\$25,918)				
<b>NET COST</b>	<b>\$36,982</b>				

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
<b>TOTAL EXPENSES</b>	<b>\$0</b>	<b>TOTAL REVENUE</b>	<b>\$0</b>

CAPITAL IMPROVEMENT PROGRAM  
PROJECT SUMMARY  
2017 PROJECT YEAR

**Vehicle Replacement**

**Reference Number: 370-11-157**

Cost	Per Unit	Total
Purchase Price		\$62,900
Annual Rent		
Installation		
Other Costs		
<b>TOTAL COSTS</b>		<b>\$62,900</b>

Estimated Equipment Usage	
4	Hours Per Day
5	Average Days Per Week
52	Weeks Per Year
10	Years in Service
<b>\$2,800</b>	<b>Annual Capital Cost</b>

Revenue Sources	
Tax Levy	
Long Term Debt	
Special Assessments	
Trust/Donations	
Grants/Aids	
Fund Balance	\$36,982
Other Revenues	
<b>TOTAL SOURCES</b>	<b>\$36,982</b>

Inventory and Replacement	
Similar Items in Inventory	0
Items Replaced	1/2 Ton Pick Up Truck
Age of Items	12 years
Down Time	
Down Cost	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2017	2017



CAPITAL IMPROVEMENT PROGRAM  
PROJECT SUMMARY  
2017 PROJECT YEAR

**High Street Sanitary Sewer Replacement/Center Street Replacement Extension**

**Department:** Sewer Utility

**Reference Number:** 370-11-163

**Division:** Sewer

**Fund:** Sewer

PROJECT OBJECTIVE: Replace sanitary sewer on High Street prior to street resurfacing and replace 315 feet from High Street north to first manhole on Center Street.

PROJECT DESCRIPTION: Replace 700 L.F. of 6 inch clay sanitary sewer with 8 inch PVC on High Street from North Main Street to West State Street. Replace 315 feet of 6 inch clay sanitary sewer from High Street to the first manhole north on Center Street.

PROJECT JUSTIFICATION: Sanitary sewer on High Street is in need of replacement prior to street resurfacing. Center Street replacement is necessary due to a 6 foot section of pipe that showed up missing during televising of the sewer main.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$147,025				
Less Disposals					
<b>NET COST</b>	<b>\$147,025</b>				

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
<b>TOTAL EXPENSES</b>	<b>\$0</b>	<b>TOTAL REVENUE</b>	<b>\$0</b>

CAPITAL IMPROVEMENT PROGRAM  
PROJECT SUMMARY  
2017 PROJECT YEAR

High Street Sanitary Sewer Replacement/Center Street Replacement Extension

Reference Number: 370-11-163

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water				
Sanitary Sewer			\$137,025	Retained Earnings
Equipment				
Engineering/Arch.			\$5,000	Retained Earnings
Force Labor				
Contingencies			\$5,000	Retained Earnings
<b>TOTAL PROJECT</b>			<b>\$147,025</b>	

PRIORITY		
Priority	Prior Year	Current Year
1		X
2		
3	X	
4		
Scheduled	2017	2017



CAPITAL IMPROVEMENT PROGRAM  
PROJECT SUMMARY  
2017 PROJECT YEAR

**Facility Exterior Lighting Replacement**

**Department:** Sewer Utility

**Reference Number:** 370-17-194

**Division:** Sewer

**Fund:** Sewer

**PROJECT OBJECTIVE:** Replace existing exterior perimeter security lighting at the Water Pollution Control Facility with LED technology.

**PROJECT DESCRIPTION:** Remove 14 pole mounted 150 watt hps and 18 building mounted hps light fixtures and replace with new T3 led light fixtures on existing poles and buildings.

**PROJECT JUSTIFICATION:** Existing lighting consumes 4,228 watts. Proposed lighting would consume 1,226 watts. Projected annual savings would be \$1,290. Projected Focus on Energy incentive would be \$690. Projected life of fixtures is greater than 25 years.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$15,119				
Less Disposals					
<b>NET COST</b>	<b>\$15,119</b>				

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
<b>TOTAL EXPENSES</b>	<b>\$0</b>	<b>TOTAL REVENUE</b>	<b>\$0</b>

CAPITAL IMPROVEMENT PROGRAM  
PROJECT SUMMARY  
2017 PROJECT YEAR

**Facility Exterior Lighting Replacement**

Reference Number: 370-17-194

Cost	Per Unit	Total
Purchase Price		\$15,119
Annual Rent		
Installation		
Other Costs		
<b>TOTAL COSTS</b>		<b>\$15,119</b>

Estimated Equipment Usage	
10-12	Hours Per Day
7	Average Days Per Week
52	Weeks Per Year
21	Years in Service
\$720	Annual Capital Cost

Revenue Sources	
Tax Levy	
Long Term Debt	
Special Assessments	
Trust/Donations	
Grants/Aids	
Fund Balance	\$15,119
Other Revenues	
<b>TOTAL SOURCES</b>	<b>\$15,119</b>

Inventory and Replacement	
Similar Items in Inventory	None
Items Replaced	Outdoor Lights
Age of Items	21 years
Down Time	
Down Cost	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3		X
4		
Scheduled		2017



CAPITAL IMPROVEMENT PROGRAM  
PROJECT SUMMARY  
2017 PROJECT YEAR

**VAV Plant Control System Replacement**

**Department:** Sewer Utility

**Reference Number:** 370-17-195

**Division:** Sewer

**Fund:** Sewer

PROJECT OBJECTIVE: Replace failing Johnson Control master thermostat Metasys system with a new Vari-trac VAV control system.

PROJECT DESCRIPTION: Replace failing existing Johnson Control system with new Universal Vari-trac control system including replacement of existing damper ventilation damper motors, master thermostat and all zone thermostats.

PROJECT JUSTIFICATION: The existing Johnson Control system can only be serviced by Johnson Control's service people. The proposed new system is universal and can be serviced by any HVAC mechanical contractor, which cuts service costs by 50%. Almost all of the damper motors have failed.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$19,500				
Less Disposals					
NET COST	\$19,500				

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM  
PROJECT SUMMARY  
2017 PROJECT YEAR

VAV Plant Control System Replacement

Reference Number: 370-17-195

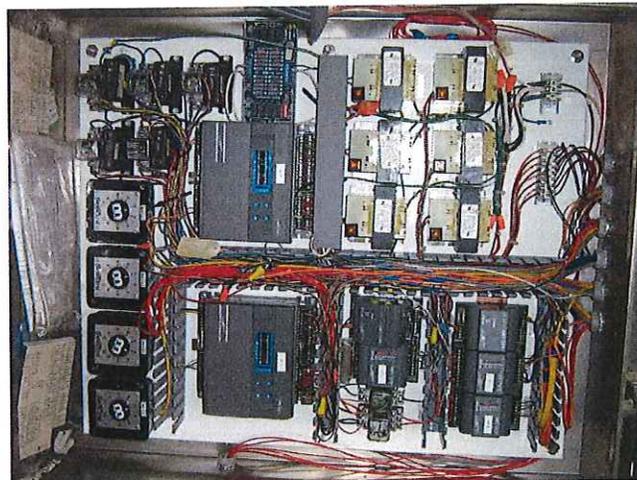
Cost	Per Unit	Total
Purchase Price		\$19,500
Annual Rent		
Installation		
Other Costs		
<b>TOTAL COSTS</b>		<b>\$19,500</b>

Estimated Equipment Usage	
24	Hours Per Day
7	Average Days Per Week
52	Weeks Per Year
25	Years in Service
\$780	Annual Capital Cost

Revenue Sources	
Tax Levy	
Long Term Debt	
Special Assessments	
Trust/Donations	
Grants/Aids	
Fund Balance	\$19,500
Other Revenues	
<b>TOTAL SOURCES</b>	<b>\$19,500</b>

Inventory and Replacement	
Similar Items in Inventory	None
Items Replaced	VAV system
Age of Items	25 years
Down Time	
Down Cost	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		X
3		
4		
Scheduled		2017



CAPITAL IMPROVEMENT PROGRAM  
PROJECT SUMMARY  
2017 PROJECT YEAR

**Sludge Storage Lift Pump Replacement**

**Department:** Sewer Utility

**Reference Number:** 370-17-196

**Division:** Sewer

**Fund:** Sewer

PROJECT OBJECTIVE: Replace the existing 22 year old sludge tank lift pump with a new pump.

PROJECT DESCRIPTION: Removal of the existing 22 year old pump and base and retrofitting with new, much higher energy saving, and pumping efficiency rated gallon pump.

PROJECT JUSTIFICATION: The age of this pump does not make rebuilding to be an option at this point in which even if it were we would not gain much benefit in pumping efficiency or any energy savings. Pump transfers approximately 5 million gallons of bio-solids per year to the sludge storage tank.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$55,250				
Less Disposals					
NET COST	\$55,250				

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM  
PROJECT SUMMARY  
2017 PROJECT YEAR

**Sludge Storage Lift Pump Replacement**

Reference Number: 370-17-196

Cost	Per Unit	Total
Purchase Price		\$55,250
Annual Rent		
Installation		
Other Costs		
<b>TOTAL COSTS</b>		<b>\$55,250</b>

Estimated Equipment Usage	
8	Hours Per Day
2	Average Days Per Week
52	Weeks Per Year
22	Years in Service
\$2,511	Annual Capital Cost

Revenue Sources	
Tax Levy	
Long Term Debt	
Special Assessments	
Trust/Donations	
Grants/Aids	
Fund Balance	\$55,250
Other Revenues	
<b>TOTAL SOURCES</b>	<b>\$55,250</b>

Inventory and Replacement	
Similar Items in Inventory	None
Items Replaced	Sludge pump
Age of Items	22 years
Down Time	
Down Cost	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		X
3		
4		
Scheduled		2017



CAPITAL IMPROVEMENT PROGRAM  
PROJECT SUMMARY  
2017 PROJECT YEAR

**Plant Influent Flow Meter Replacement**

**Department:** Sewer Utility

**Reference Number:** 370-17-197

**Division:** Sewer

**Fund:** Sewer

PROJECT OBJECTIVE: Replace the treatment plant influent flow monitoring meter before it fails, keeping the plant out of code violation.

PROJECT DESCRIPTION: Replace 21 year old existing plant 20 inch magnetic flowmeter system, transmitter, and electrodes with new unit.

PROJECT JUSTIFICATION: At 21 years of age we have pushed this to the limit. Replacement is necessary. Besides being responsible for the recording of our regulatory daily flow totals, the influent variable speed pumps are run off the reading from the influent flow meter.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$17,000				
Less Disposals					
<b>NET COST</b>	\$17,000				

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
<b>TOTAL EXPENSES</b>	\$0	<b>TOTAL REVENUE</b>	\$0

**Plant Influent Flow Meter Replacement**

**Reference Number: 370-17-197**

Cost	Per Unit	Total
Purchase Price		\$17,000
Annual Rent		
Installation		
Other Costs		
<b>TOTAL COSTS</b>		<b>\$17,000</b>

Estimated Equipment Usage	
24	Hours Per Day
7	Average Days Per Week
52	Weeks Per Year
21	Years in Service
\$809	Annual Capital Cost

Revenue Sources	
Tax Levy	
Long Term Debt	
Special Assessments	
Trust/Donations	
Grants/Aids	
Fund Balance	\$17,000
Other Revenues	
<b>TOTAL SOURCES</b>	<b>\$17,000</b>

Inventory and Replacement	
Similar Items in Inventory	None
Items Replaced	Flow Meter
Age of Items	21 years
Down Time	
Down Cost	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		X
3		
4		
Scheduled		2017



CAPITAL IMPROVEMENT PROGRAM  
PROJECT SUMMARY  
2017 PROJECT YEAR

**Emergency Backup Diesel Pump Replacement**

**Department:** Sewer Utility

**Reference Number:** 370-17-199

**Division:** Sewer

**Fund:** Sewer

**PROJECT OBJECTIVE:** Replace the existing 1978 6" emergency backup diesel pump with a new 1700 GPM pump.

**PROJECT DESCRIPTION:** Use pump for the pumping down of treatment plant tanks and reservoirs for cleaning and maintenance activities. Pump down lift station wet wells for cleaning and maintenance. Used by other city departments for pumping or dewatering when needed.

**PROJECT JUSTIFICATION:** An emergency backup pump is a mobile unit and serves as the sewer utility's means to pump (bypass) raw sewage from a problem area to the next manhole, avoiding backups or sanitary sewer overflows. The City's current pump is 38 years old and reliability is becoming an issue.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$49,157				
Less Disposals					
<b>NET COST</b>	\$49,157				

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
<b>TOTAL EXPENSES</b>	\$0	<b>TOTAL REVENUE</b>	\$0

CAPITAL IMPROVEMENT PROGRAM  
PROJECT SUMMARY  
2017 PROJECT YEAR

**Emergency Backup Diesel Pump Replacement**

Reference Number: 370-17-199

Cost	Per Unit	Total
Purchase Price		\$49,157
Annual Rent		
Installation		
Other Costs		
<b>TOTAL COSTS</b>		<b>\$49,157</b>

Estimated Equipment Usage	
	Hours Per Day
	Average Days Per Week
	Weeks Per Year
	Years in Service
	Annual Capital Cost

Revenue Sources	
Tax Levy	
Long Term Debt	
Special Assessments	
Trust/Donations	
Grants/Aids	
Fund Balance	\$49,157
Other Revenues	
<b>TOTAL SOURCES</b>	<b>\$49,157</b>

Inventory and Replacement	
Similar Items in Inventory	1
Items Replaced	Diesel pump
Age of Items	38 years
Down Time	
Down Cost	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		X
3		
4		
Scheduled		2017



CAPITAL IMPROVEMENT PROGRAM  
PROJECT SUMMARY  
2018 PROJECT YEAR

**Maple Avenue Sanitary Sewer Replacement**

**Department: Sewer Utility**

**Reference Number: 370-06-145**

**Division: Sewer**

**Fund: Sewer**

PROJECT OBJECTIVE: Improve efficiency of sanitary sewer collection system on Maple Street from Grand Avenue to Wheelock.

PROJECT DESCRIPTION: Replace 600 linear feet of 6" sanitary sewer with 8" sanitary sewer.

PROJECT JUSTIFICATION: Sanitary sewer is in poor condition. Coordinate with street reconstruction project.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost		\$91,000			
Less Disposals					
<b>NET COST</b>		\$91,000			

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
<b>TOTAL EXPENSES</b>	<b>\$0</b>	<b>TOTAL REVENUE</b>	<b>\$0</b>

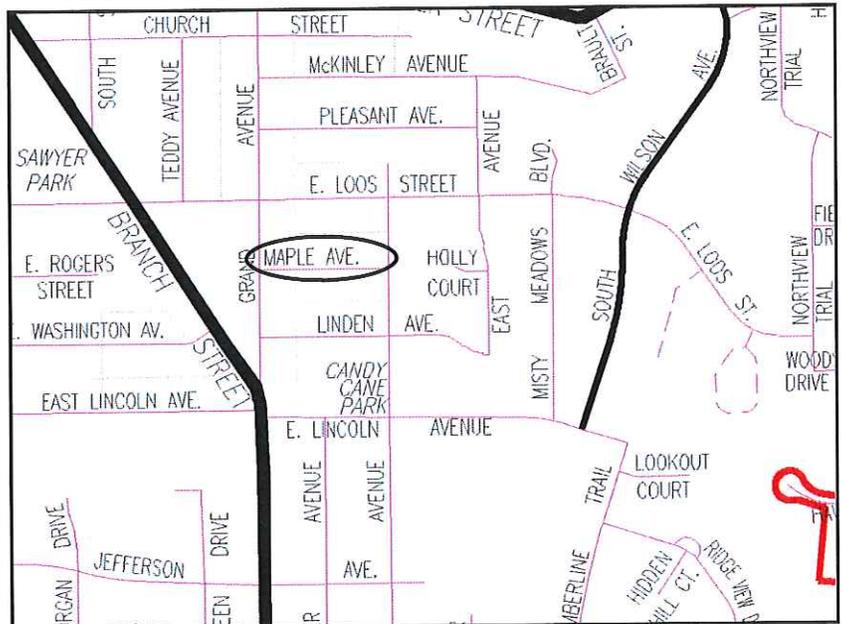
CAPITAL IMPROVEMENT PROGRAM  
PROJECT SUMMARY  
2018 PROJECT YEAR

Maple Avenue Sanitary Sewer Replacement

Reference Number: 370-06-145

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water				
Sanitary Sewer	600 L.F.	\$135	\$81,000	Retained Earnings
Equipment				
Engineering/Arch.			\$5,000	Retained Earnings
Force Labor				
Contingencies			\$5,000	Retained Earnings
<b>TOTAL PROJECT</b>			<b>\$91,000</b>	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2018	2018



CAPITAL IMPROVEMENT PROGRAM  
PROJECT SUMMARY  
2018 PROJECT YEAR

**West Rossman Street Sanitary Sewer Replacement**

**Department:** Sewer Utility

**Reference Number:** 370-09-152

**Division:** Sewer

**Fund:** Sewer

PROJECT OBJECTIVE: Improve efficiency of sanitary sewer service on West Rossman Street.

PROJECT DESCRIPTION: Replace 800 linear feet of sanitary sewer and lateral in West Rossman Street between Elm Street and Center Street.

PROJECT JUSTIFICATION: Street is scheduled for reconstruction. Sanitary sewer is in poor condition.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost		\$118,000			
Less Disposals					
<b>NET COST</b>		\$118,000			

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
<b>TOTAL EXPENSES</b>	\$0	<b>TOTAL REVENUE</b>	\$0

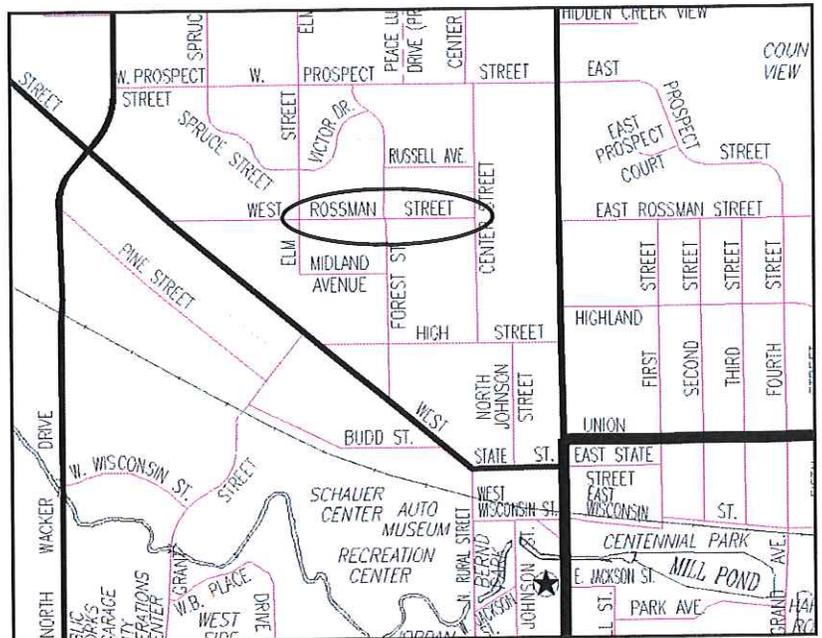
CAPITAL IMPROVEMENT PROGRAM  
PROJECT SUMMARY  
2018 PROJECT YEAR

West Rossman Street Sanitary Sewer Replacement

Reference Number: 370-09-152

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water				
Sanitary Sewer	800 L.F.	\$135	\$108,000	Retained Earnings
Equipment				
Engineering/Arch.			\$5,000	Retained Earnings
Force Labor				
Contingencies			\$5,000	Retained Earnings
<b>TOTAL PROJECT</b>			<b>\$118,000</b>	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2018	2018



CAPITAL IMPROVEMENT PROGRAM  
PROJECT SUMMARY  
2018 PROJECT YEAR

**Harrison Street Sanitary Sewer Replacement**

**Department:** Sewer Utility

**Reference Number:** 370-11-162

**Division:** Sewer

**Fund:** Sewer

PROJECT OBJECTIVE: Reduce amount of storm water entering sanitary sewer system.

PROJECT DESCRIPTION: Replace various sections of 10" sanitary sewer on Harrison Street between Cedar Street and Birch Street.

PROJECT JUSTIFICATION: Sanitary sewer needs to be repaired prior to new asphalt surface.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost		\$64,000			
Less Disposals					
NET COST		\$64,000			

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

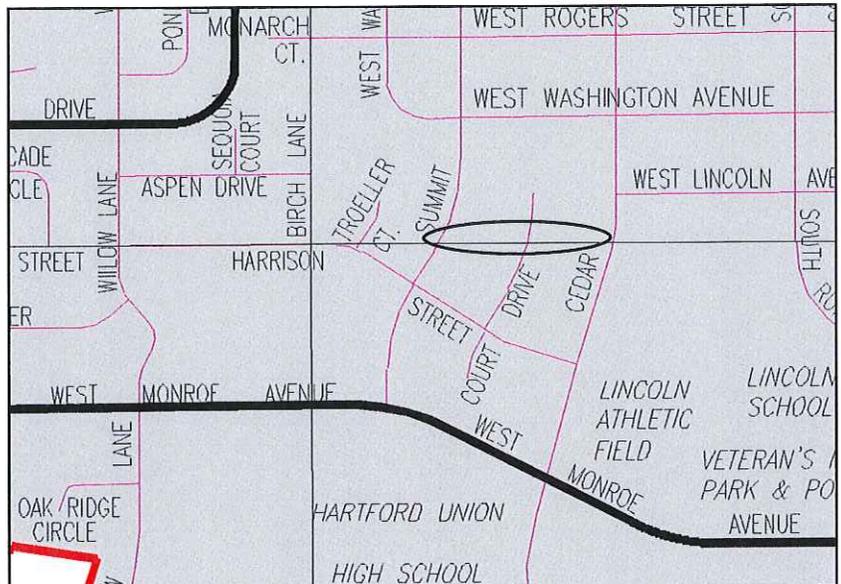
CAPITAL IMPROVEMENT PROGRAM  
PROJECT SUMMARY  
2018 PROJECT YEAR

Harrison Street Sanitary Sewer Replacement

Reference Number: 370-11-162

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water				
Sanitary Sewer	400 L.F.	\$135	\$54,000	Retained Earnings
Equipment				
Engineering/Arch.			\$5,000	Retained Earnings
Force Labor				
Contingencies			\$5,000	Retained Earnings
<b>TOTAL PROJECT</b>			<b>\$64,000</b>	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2017	2018



CAPITAL IMPROVEMENT PROGRAM  
PROJECT SUMMARY  
2018 PROJECT YEAR

**Cedar Street Sanitary Sewer Replacement**

**Department:** Sewer Utility

**Reference Number:** 370-15-184

**Division:** Sewer

**Fund:** Sewer

PROJECT OBJECTIVE: Replacement of sanitary sewer main on Cedar Street from Harrison to Lincoln.

PROJECT DESCRIPTION: Replace 650 feet of 8 inch clay tile with 8 inch PVC sanitary sewer in conjunction with water main replacement.

PROJECT JUSTIFICATION: Area has a fair amount of root issues because of clay tile joints. Might possibly be able to line.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost		\$97,750			
Less Disposals					
<b>NET COST</b>		\$97,750			

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
<b>TOTAL EXPENSES</b>	\$0	<b>TOTAL REVENUE</b>	\$0

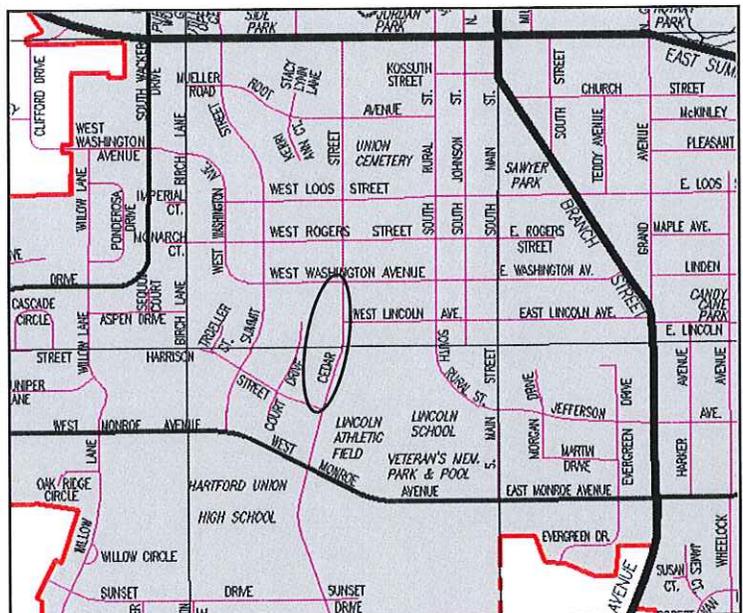
CAPITAL IMPROVEMENT PROGRAM  
PROJECT SUMMARY  
2018 PROJECT YEAR

Cedar Street Sanitary Sewer Replacement

Reference Number: 370-15-184

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water				
Sanitary Sewer	650 L.F.	\$135	\$87,750	Retained Earnings
Equipment				
Engineering/Arch.			\$5,000	Retained Earnings
Force Labor				
Contingencies			\$5,000	Retained Earnings
<b>TOTAL PROJECT</b>			<b>\$97,750</b>	

PRIORITY		
Priority	Prior Year	Current Year
1		
2	X	X
3		
4		
Scheduled	2017	2018



CAPITAL IMPROVEMENT PROGRAM  
PROJECT SUMMARY  
2018 PROJECT YEAR

**Jetter/Vac Replacement**

**Department: Sewer Utility**

**Reference Number: 370-15-187**

**Division: Sewer**

**Fund: Sewer**

PROJECT OBJECTIVE: Maintain safe and reliable sewer collection system maintenance equipment.

PROJECT DESCRIPTION: Purchase a new jetter/vac to replace the current 2003 unit.

PROJECT JUSTIFICATION: The current unit will be 16 years old in 2019. A rebuild of the jetter/vac portion of the unit currently runs between \$120,000 to \$145,000. This does not include rebuilding or replacing the truck engine. This is a very important piece of equipment for the utility.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost		\$425,000			
Less Disposals		(\$50,000)			
<b>NET COST</b>		<b>\$375,000</b>			

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
<b>TOTAL EXPENSES</b>	<b>\$0</b>	<b>TOTAL REVENUE</b>	<b>\$0</b>

CAPITAL IMPROVEMENT PROGRAM  
PROJECT SUMMARY  
2018 PROJECT YEAR

**Jetter/Vac Replacement**

Reference Number: 370-15-187

Cost	Per Unit	Total
Purchase Price		\$425,000
Annual Rent		
Installation		
Other Costs		
<b>TOTAL COSTS</b>		<b>\$425,000</b>

Estimated Equipment Usage	
2-8	Hours Per Day
5	Average Days Per Week
52	Weeks Per Year
16	Years in Service
<b>\$26,563</b>	<b>Annual Capital Cost</b>

Revenue Sources	
Tax Levy	
Long Term Debt	
Special Assessments	
Trust/Donations	
Grants/Aids	
Fund Balance	\$375,000
Other Revenues	
<b>TOTAL SOURCES</b>	<b>\$375,000</b>

Inventory and Replacement	
Similar Items in Inventory	None
Items Replaced	Jetter/Vac
Age of Items	16 years
Down Time	
Down Cost	

PRIORITY		
Priority	Prior Year	Current Year
1		
2	X	X
3		
4		
Scheduled	2018	2018



CAPITAL IMPROVEMENT PROGRAM  
PROJECT SUMMARY  
2019 PROJECT YEAR

**Fifth Street Sanitary Sewer Replacement**

**Department:** Sewer Utility

**Reference Number:** 370-02-113

**Division:** Sewer

**Fund:** Sewer

PROJECT OBJECTIVE: Provide proper sanitary sewer collection system for homes on Fifth Street.

PROJECT DESCRIPTION: Replace 400 linear feet of 6" sanitary sewer with 8" sewer on Fifth Street between East Wisconsin Street and Union Street.

PROJECT JUSTIFICATION: Sanitary sewer is in poor condition and needs to be replaced prior to reconstruction. Coordinates with street reconstruction project.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost			\$64,000		
Less Disposals					
<b>NET COST</b>			\$64,000		

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
<b>TOTAL EXPENSES</b>	\$0	<b>TOTAL REVENUE</b>	\$0

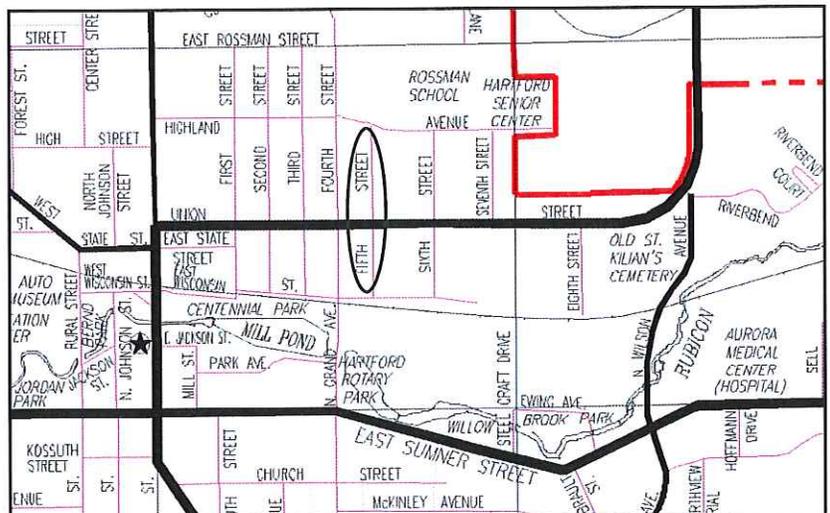
CAPITAL IMPROVEMENT PROGRAM  
PROJECT SUMMARY  
2019 PROJECT YEAR

Fifth Street Sanitary Sewer Replacement

Reference Number: 370-02-113

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water				
Sanitary Sewer	400 L.F.	\$135	\$54,000	Retained Earnings
Equipment				
Engineering/Arch.			\$5,000	Retained Earnings
Force Labor				
Contingencies			\$5,000	Retained Earnings
<b>TOTAL PROJECT</b>			<b>\$64,000</b>	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2018	2019



CAPITAL IMPROVEMENT PROGRAM  
PROJECT SUMMARY  
2019 PROJECT YEAR

**Grant Street Force Main Replacement**

**Department: Sewer Utility**

**Reference Number: 370-11-164**

**Division: Sewer**

**Fund: Sewer**

PROJECT OBJECTIVE: Increase reliability in sanitary sewer system.

PROJECT DESCRIPTION: Replace force main from Grant Street lift station to East Sumner Street.

PROJECT JUSTIFICATION: Aging main will need replacement.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost			\$85,000		
Less Disposals					
NET COST			\$85,000		

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

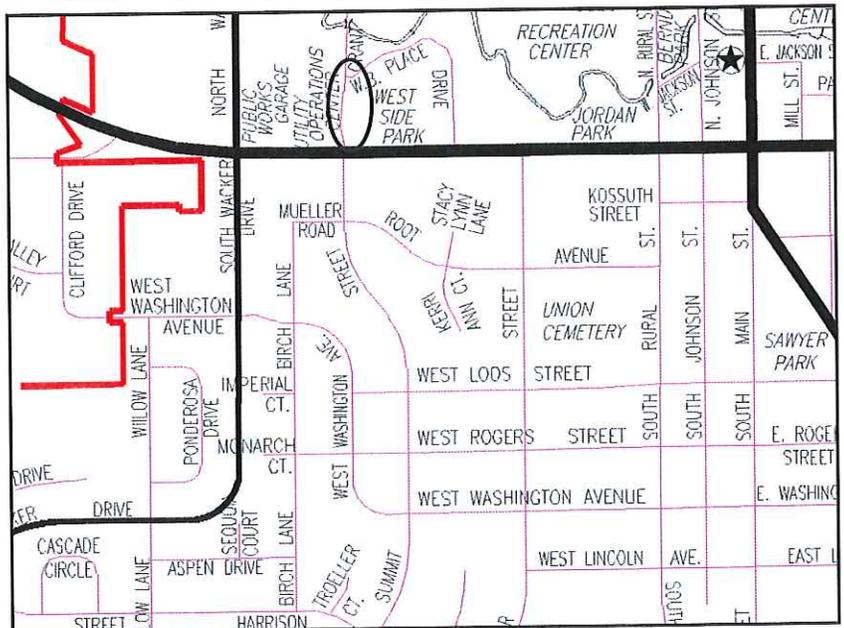
CAPITAL IMPROVEMENT PROGRAM  
PROJECT SUMMARY  
2019 PROJECT YEAR

Grant Street Force Main Replacement

Reference Number: 370-11-164

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water				
Sanitary Sewer			\$75,000	Retained Earnings
Equipment				
Engineering/Arch.			\$5,000	Retained Earnings
Force Labor				
Contingencies			\$5,000	Retained Earnings
<b>TOTAL PROJECT</b>			<b>\$85,000</b>	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2019	2019



CAPITAL IMPROVEMENT PROGRAM  
PROJECT SUMMARY  
2019 PROJECT YEAR

**Martin Drive & Morgan Drive Reconstruction**

**Department:** Sewer Utility

**Reference Number:** 370-13-174

**Division:** Sewer

**Fund:** Sewer

PROJECT OBJECTIVE: Replace 8" sanitary sewer on Martin Drive and Morgan Drive prior to street reconstruction.

PROJECT DESCRIPTION: Replace 1080 feet of sanitary sewer from Jefferson Street to Evergreen Drive.

PROJECT JUSTIFICATION: Old clay tile sewer is in need of replacement.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost			\$156,800		
Less Disposals					
NET COST			\$156,800		

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

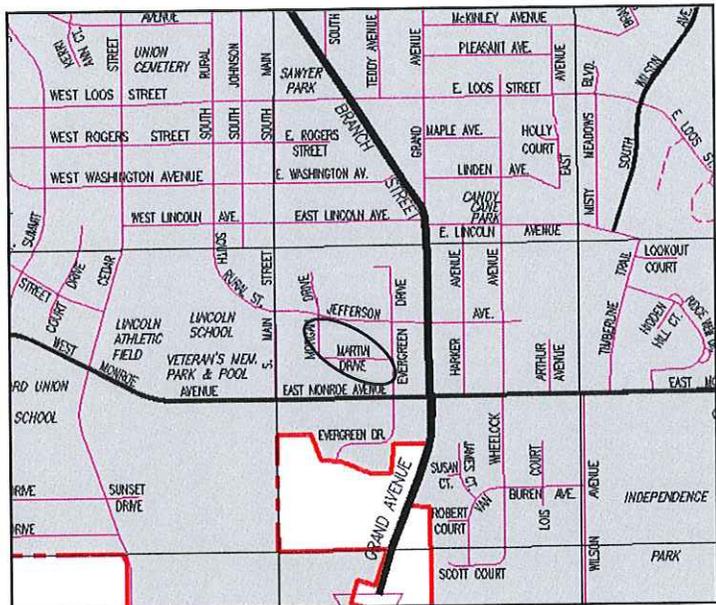
CAPITAL IMPROVEMENT PROGRAM  
PROJECT SUMMARY  
2019 PROJECT YEAR

Martin Drive & Morgan Drive Reconstruction

Reference Number: 370-13-174

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water				
Sanitary Sewer	1080 L.F.	\$135	\$145,800	Retained Earnings
Equipment				
Engineering/Arch.			\$5,000	Retained Earnings
Force Labor				
Contingencies			\$6,000	Retained Earnings
<b>TOTAL PROJECT</b>			<b>\$156,800</b>	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2017	2019



CAPITAL IMPROVEMENT PROGRAM  
PROJECT SUMMARY  
2019 PROJECT YEAR

**East Wisconsin Avenue Sanitary Sewer Replacement**

**Department: Sewer Utility**

**Reference Number: 370-15-186**

**Division: Sewer**

**Fund: Sewer**

PROJECT OBJECTIVE: Replace sanitary sewer main in right-of-way along East Wisconsin Avenue between fifth and Sixth Street, in conjunction with water main replacement.

PROJECT DESCRIPTION: Replace 800 linear feet of sanitary sewer in right-of-way south of East Wisconsin Avenue from Fifth Street to manhole 380 feet east of Sixth Street in right-of-way.

PROJECT JUSTIFICATION: The sanitary sewer is in very bad condition and cannot be lined.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost			\$118,000		
Less Disposals					
NET COST			\$118,000		

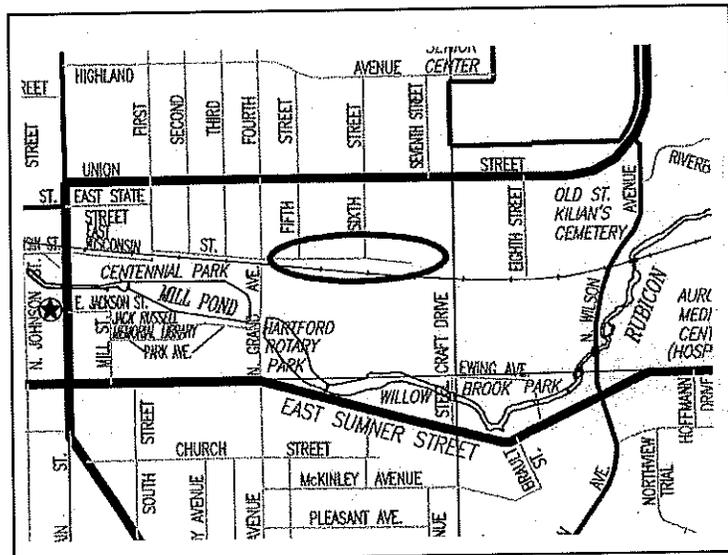
Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

East Wisconsin Avenue Sanitary Sewer Replacement

Reference Number: 370-15-186

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water				
Sanitary Sewer	800 L.F.	\$135	\$108,000	Retained Earnings
Equipment				
Engineering/Arch.			\$5,000	Retained Earnings
Force Labor				
Contingencies			\$5,000	Retained Earnings
<b>TOTAL PROJECT</b>			<b>\$118,000</b>	

PRIORITY		
Priority	Prior Year	Current Year
1		
2	X	X
3		
4		
Scheduled	2019	2019



CAPITAL IMPROVEMENT PROGRAM  
PROJECT SUMMARY  
2019 PROJECT YEAR

**South Main Street Sanitary Sewer Replacement**

**Department: Sewer Utility**

**Reference Number: 370-16-190**

**Division: Sewer**

**Fund: Sewer**

**PROJECT OBJECTIVE:** Replace or line sanitary sewer on South Main Street in conjunction with water main replacement.

**PROJECT DESCRIPTION:** Replace or line 1330 L.F. of sanitary sewer from Monroe Avenue to Lincoln Avenue.

**PROJECT JUSTIFICATION:** Sanitary sewer needs to be replaced or lined in conjunction with water and street reconstruction.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost			\$189,550		
Less Disposals					
<b>NET COST</b>			\$189,550		

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
<b>TOTAL EXPENSES</b>	<b>\$0</b>	<b>TOTAL REVENUE</b>	<b>\$0</b>

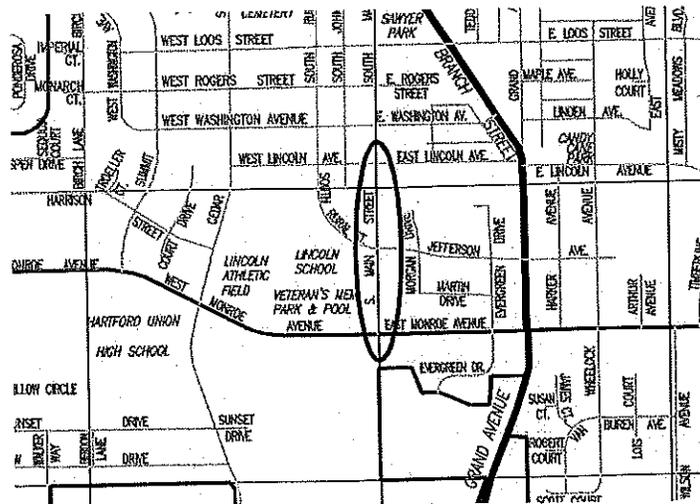
CAPITAL IMPROVEMENT PROGRAM  
PROJECT SUMMARY  
2019 PROJECT YEAR

South Main Street Sanitary Sewer Replacement

Reference Number: 370-16-190

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water				
Sanitary Sewer	1330 L.F.	\$135	\$179,550	Retained Earnings
Equipment				
Engineering/Arch.			\$5,000	Retained Earnings
Force Labor				
Contingencies			\$5,000	Retained Earnings
<b>TOTAL PROJECT</b>			<b>\$189,550</b>	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2019	2019



CAPITAL IMPROVEMENT PROGRAM  
PROJECT SUMMARY  
2019—2021 PROJECT YEARS

**Water Meter Replacement Program—50%**

**Department: Sewer Utility**

**Reference Number: 370-16-191**

**Division: Sewer**

**Fund: Sewer**

PROJECT OBJECTIVE: Replace all commercial, industrial and residential water meters.

PROJECT DESCRIPTION: Over a four year period replace all water meter transponders using the automatic meter reading technology (AMR) with a new water meter using advanced metering infrastructure (AMI) technology. Water meter housings will be replaced with a new low-lead housing.

PROJECT JUSTIFICATION: The Sewer Utility's shared cost of the water meter replacement program is required by the Public Service Commission.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost			\$130,000	\$130,000	\$130,000
Less Disposals					
NET COST			\$130,000	\$130,000	\$130,000

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

**CAPITAL IMPROVEMENT PROGRAM  
PROJECT SUMMARY  
2019—2021 PROJECT YEARS**

**Water Meter Replacement Program—50%**

**Reference Number: 370-16-191**

Cost	Per Unit	Total
Purchase Price		\$390,000
Annual Rent		
Installation		
Other Costs		
<b>TOTAL COSTS</b>		<b>\$390,000</b>

Estimated Equipment Usage	
	Hours Per Day
	Average Days Per Week
	Weeks Per Year
	Years in Service
	Annual Capital Cost

Revenue Sources	
Tax Levy	
Long Term Debt	
Special Assessments	
Trust/Donations	
Grants/Aids	
Fund Balance	\$390,000
Other Revenues	
<b>TOTAL SOURCES</b>	<b>\$390,000</b>

Inventory and Replacement	
Similar Items in Inventory	
Items Replaced	
Age of Items	
Down Time	
Down Cost	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2019	2019

CAPITAL IMPROVEMENT PROGRAM  
PROJECT SUMMARY  
2020 PROJECT YEAR

**Harker Avenue Reconstruction**

**Department: Sewer Utility**

**Reference Number: 370-13-175**

**Division: Sewer**

**Fund: Sewer**

PROJECT OBJECTIVE: Replace sanitary sewer on Harker Avenue in conjunction with watermain replacement.

PROJECT DESCRIPTION: Replace 540 feet of 8" sanitary sewer from Monroe Avenue to Jefferson Street. Replace 836 feet from Jefferson Street to Lincoln Avenue.

PROJECT JUSTIFICATION: Sewer has many broken areas and severe root problems.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost				\$195,760	
Less Disposals					
<b>NET COST</b>				\$195,760	

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
<b>TOTAL EXPENSES</b>	\$0	<b>TOTAL REVENUE</b>	\$0

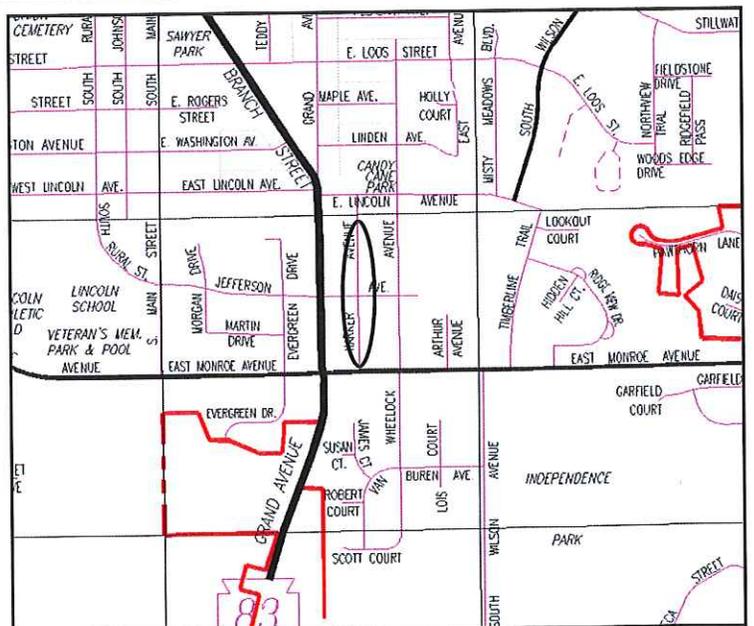
CAPITAL IMPROVEMENT PROGRAM  
PROJECT SUMMARY  
2020 PROJECT YEAR

Harker Avenue Reconstruction

Reference Number: 370-13-175

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water				
Sanitary Sewer	1376 L.F.	\$135	\$185,760	Retained Earnings
Equipment				
Engineering/Arch.			\$5,000	Retained Earnings
Force Labor				
Contingencies			\$5,000	Retained Earnings
<b>TOTAL PROJECT</b>			<b>\$195,760</b>	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2018	2020



CAPITAL IMPROVEMENT PROGRAM  
PROJECT SUMMARY  
2021 PROJECT YEAR

**West Prospect Sanitary Sewer Replacement**

**Department:** Sewer Utility

**Reference Number:** 370-05-134

**Division:** Sewer

**Fund:** Sewer

PROJECT OBJECTIVE: Replace sanitary sewer in West Prospect Street from Black's Subdivision to Elm Street.

PROJECT DESCRIPTION: Replace and lower 400 linear feet of 8" sanitary sewer.

PROJECT JUSTIFICATION: Sanitary sewer needs to be lowered to provide better service to adjacent homes.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost					\$64,000
Less Disposals					
<b>NET COST</b>					\$64,000

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
<b>TOTAL EXPENSES</b>	\$0	<b>TOTAL REVENUE</b>	\$0

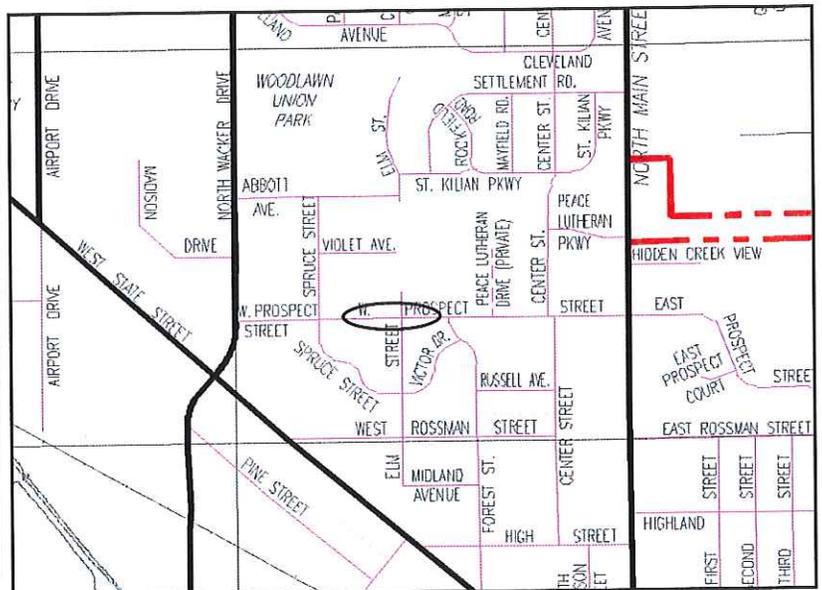
CAPITAL IMPROVEMENT PROGRAM  
PROJECT SUMMARY  
2021 PROJECT YEAR

West Prospect Sanitary Sewer Replacement

Reference Number: 370-05-134

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water				
Sanitary Sewer	400 L.F.	\$135	\$54,000	Retained Earnings
Equipment				
Engineering/Arch.			\$5,000	Retained Earnings
Force Labor				
Contingencies			\$5,000	Retained Earnings
<b>TOTAL PROJECT</b>			<b>\$64,000</b>	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2019	2021



CAPITAL IMPROVEMENT PROGRAM  
PROJECT SUMMARY  
2021 PROJECT YEAR

**East Lincoln Avenue Sanitary Sewer Replacement**

**Department: Sewer Utility**

**Reference Number: 370-16-189**

**Division: Sewer**

**Fund: Sewer**

PROJECT OBJECTIVE: Improve efficiency of sanitary sewer on Lincoln Avenue.

PROJECT DESCRIPTION: Replace or line 1124 L.F. of sanitary sewer on Lincoln Avenue from Grand Avenue to Misty Meadows.

PROJECT JUSTIFICATION: Sanitary sewer needs to be replaced or lined in conjunction with water and street reconstruction.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost					\$161,740
Less Disposals					
<b>NET COST</b>					<b>\$161,740</b>

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
<b>TOTAL EXPENSES</b>	<b>\$0</b>	<b>TOTAL REVENUE</b>	<b>\$0</b>

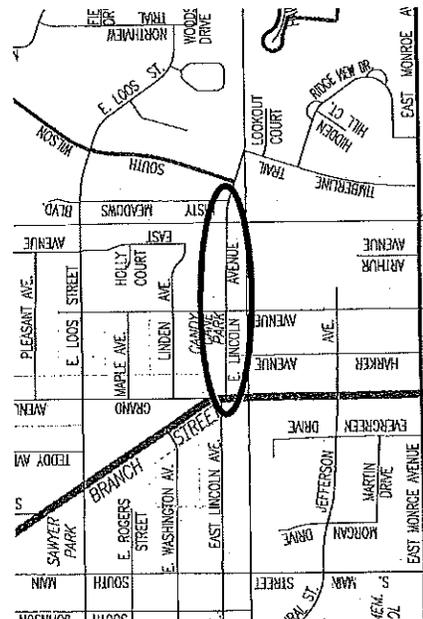
CAPITAL IMPROVEMENT PROGRAM  
PROJECT SUMMARY  
2021 PROJECT YEAR

East Lincoln Avenue Sanitary Sewer Replacement

Reference Number: 370-16-189

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water				
Sanitary Sewer	1124 L.F.	\$135	\$151,740	Retained Earnings
Equipment				
Engineering/Arch.			\$5,000	Retained Earnings
Force Labor				
Contingencies			\$5,000	Retained Earnings
<b>TOTAL PROJECT</b>			<b>\$161,740</b>	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2019	2021



CAPITAL IMPROVEMENT PROGRAM  
PROJECT SUMMARY  
2021 PROJECT YEAR

**Loos Street Sanitary Sewer Replacement**

**Department:** Sewer Utility

**Reference Number:** 370-16-192

**Division:** Sewer

**Fund:** Sewer

PROJECT OBJECTIVE: Replace or line sanitary sewer on West Loos Street.

PROJECT DESCRIPTION: Replace or line 673 L.F. of sanitary sewer on West Loos Street from Summit to Cedar Street.

PROJECT JUSTIFICATION: Sanitary sewer needs to be replaced or lined in conjunction with water and street reconstruction.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost					\$100,855
Less Disposals					
<b>NET COST</b>					<b>\$100,855</b>

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
<b>TOTAL EXPENSES</b>	<b>\$0</b>	<b>TOTAL REVENUE</b>	<b>\$0</b>



CAPITAL IMPROVEMENT PROGRAM  
PROJECT SUMMARY  
2021 PROJECT YEAR

**42 Inch Main Interceptor Sewer Rehabilitation**

**Department:** Sewer Utility

**Reference Number:** 370-17-198

**Division:** Sewer

**Fund:** Sewer

PROJECT OBJECTIVE: Rehabilitate the 42 inch main interceptor sewer which will be over 50 years old at the time of the proposed scheduled rehab, which conveys all flow east of the city to the treatment plant, and ensure another 50 to 75 years of life to this section of sewer.

PROJECT DESCRIPTION: The lining of 2,964 linear feet of 42 inch concrete interceptor sewer from Wacker to Theil Street (Walmart parking lot) and 4,597 feet from Theil Street to the Liberty Avenue plant entrance.

PROJECT JUSTIFICATION: This 42 inch interceptor sewer is the main relay line for the entire east end of the city and relays approximately two thirds of the entire daily flow of the city to the treatment plant. This could be completed in several phases.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost					\$1,701,225
Less Disposals					
<b>NET COST</b>					\$1,701,225

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
<b>TOTAL EXPENSES</b>	\$0	<b>TOTAL REVENUE</b>	\$0

CAPITAL IMPROVEMENT PROGRAM  
PROJECT SUMMARY  
2021 PROJECT YEAR

42 Inch Main Interceptor Sewer Rehabilitation

Reference Number: 370-17-198

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water				
Sanitary Sewer	7,561 L.F.	\$2.25/LF	\$1,701,225	Retained Earnings
Equipment				
Engineering/Arch.				
Force Labor				
Contingencies				
<b>TOTAL PROJECT</b>			<b>\$1,701,225</b>	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		X
3		
4		
Scheduled		2021

