



**. CITY OF CARBONDALE ILLINOIS
FIVE-YEAR COMMUNITY INVESTMENT PROGRAM
FISCAL YEARS ENDING APRIL 30, 2017, 2018, 2019, 2020 & 2021**

COMMUNITY INVESTMENT PROGRAM SECTION

- Explanation of Project Group Codes, Funding Source Codes, Expenditure Division Account Numbers
- Chart of Accounts for Line Item Expenditures
- Composite list of all Community Investment Program Projects.
- Listing of FY 2017 Funded 5-Year Projects (Separated by Project, Project Number and Description)
- Total Summary of all Projects for 5-Year CIP's
- Summary by Fund and Funding Source Codes
- Summary by Project Group
- CIP Profiles (Description of each project, Justification, Capital Costs, Funding Source and Operating Budget Impact)
- Listing of FY 2017 Unfunded 5-Year Projects (Separated by Project, Project Number and Description)

**. CITY OF CARBONDALE ILLINOIS
FIVE-YEAR COMMUNITY INVESTMENT PROGRAM
FISCAL YEARS ENDING APRIL 30, 2017, 2018, 2019, 2020 & 2021
COMMUNITY INVESTMENT BUDGET BOOK CONTENTS**

Section 1: Explanation of Project Group Codes, Funding Source Codes, Expenditure Division Account Numbers, Project Status & Expenditure Line Item Codes.

Section 2: Composite list of all Community Investment Program Projects.

Section 3: List of 5-Year Community Investment Program Projects, Summary of 5-Year Community Investment Program Project Cost and Individual Project Estimates for 5-Year Funded Community Investment Program (Projects to be designed or constructed within the next 5 fiscal years and for which funding has been identified.)

PROJECT LIST - List of Funded 5-Year Community Investment Projects
SUMMARY - Summary of estimated cost for 5-Year Community Investment Projects.
OPEN SPACE & PARKS - Summary of Projects followed by the Individual Project Estimates.
PUBLIC BUILDINGS - Summary of Projects followed by the Individual Project Estimates.
PARKING SYSTEM - Summary of Projects followed by the Individual Project Estimates.
SANITARY SEWERS - Summary of Projects followed by the Individual Project Estimates.
SPECIAL PROJECTS - Summary of Projects followed by the Individual Project Estimates.
STORM SEWERS - Summary of Projects followed by the Individual Project Estimates.
STREETS - Summary of Projects followed by the Individual Project Estimates.
SIDEWALKS - Summary of Projects followed by the Individual Project Estimates.
TRAFFIC SIGNALS - Summary of Projects followed by the Individual Project Estimates.
WATER SYSTEM - Summary of Projects followed by the Individual Project Estimates.
WASTEWATER SYSTEM - Summary of Projects followed by the Individual Project Estimates.

Section 4: Unfunded Community Investment Projects (Unfunded - Lists of projects with no funding available during the 5-Year CIP period-which may be included in the CIP Program in later years as funding is identified and becomes available.)

PROJECT LIST - List of Unfunded Community Investment Projects
OPEN SPACE & PARKS - Project List
PUBLIC BUILDINGS - Project List
PARKING SYSTEM - Project List
SANITARY SEWERS - Project List
SPECIAL PROJECTS - Project List
STORM SEWERS - Project List
STREETS - Project List
TRAFFIC SIGNALS - Project List
WATER SYSTEM - Project List

Section 5: Street Rating System (Street Rating Guide for Existing Streets)

CITY OF CARBONDALE, ILLINOIS
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PROJECT GROUP CODES:

OS	Open Space & Parks
PB	Public Buildings
PK	Parking System
SA	Sanitary Sewer System
SP	Special Projects
SS	Storm Sewers
ST	Streets
SW	Sidewalks
TS	Traffic Signals
WS	Water System
WW	Wastewater System

FUNDING SOURCE CODES:

FA	Federal Aid, Grant or Project Impact
FB-GR	Fund Balance - General Revenue
FB-UR	Fund Balance - Utility Fund Revenues, Water & Sewer User fees
FB-SC	Fund Balance - Service Charges, Parking meters, Refuse service revenues, etc.
GC	Gifts and Contributions
GOB/LOAN	General Obligation Bonds or Loans Secured by Mortgage
LGA	Local Government Agency
PB	Public Benefit Tax Levy Revenues
PO	Property Owner Contributions and Assessments
RB	Revenue Bond
SA	State Aid - (Grant or Motor Fuel Tax Fund)
TF (GF)	Transfers from the General Fund
TF (TIF)	Transfer from Tax Increment Fund
UR	Utility Revenues

EXPENDITURE DIVISION ACCOUNT NUMBERS:

-	General Fund (01)
40900	Transfers to Other Fund (01)
41017	Motor Fuel Tax Fund (11)
44007	Local Improvement Fund (40)
47044	Waterworks & Sewerage Fund - Wastewater System (70)
47045	Waterworks & Sewerage Fund - Water System (70)
47150	Parking System Operations Fund (71)
47300	Rental Properties Fund (73)

CHART OF ACCOUNTS

Community Investment Program Expenditure - Line Items

MISCELLANEOUS COSTS

Includes any and all project costs other than those listed below.

CIP PRELIMINARY ENGINEERING

520-Engineering Division

These accounts include all City Engineering costs for services prior to project design and layout. (i.e. studies, proposals, projected service areas, etc.)

521-Contractual

These accounts include all contractual costs for services prior to project design and layout. (i.e. studies, proposals, projected service areas, etc.)

CIP DESIGN ENGINEERING

530-Engineering Division

These accounts include all costs for City Engineering design and layout of projects prior to construction. (i.e. construction plans, specifications, quantities, etc.)

531-Contractual

These accounts include all costs for contractual design and layout of projects prior to construction. (i.e. construction plans, specifications, quantities, etc.)

CIP RESIDENT ENGINEERING

540-Engineering Division

These accounts include all engineering costs incurred during project construction by the City Engineering Division. (i.e. resident engineering, change orders, pay estimates, etc.)

541-Contractual

These accounts include all engineering costs incurred during project construction by outside consultants. (i.e. resident engineering, change orders, pay estimates, etc.)

CIP ACQUISITION

550-Engineering Division

Any cost incurred by the City Engineering Division related to land acquisition.

552-Legal Division Services

acquisition.

553-Contractual

Includes the cost of outside appraisal fees, legal fees and title cost.

555-Land Purchase

Actual cost for land purchase (i.e. right-of-way, demolition cost) and any costs associated with the preparation of land.

556-Easements

Actual cost for temporary and permanent easements.

558-Relocation Cost

Includes the cost of relocation of businesses or tenants due to the purchase of land on which they are located.

CIP CONSTRUCTION

560-City Labor

Includes cost for City departments other than Engineering performing work on Capital Improvements Projects.

565-Contractual

Includes cost for outside firms performing work on Capital Projects and major equipment purchases for Capital Projects.

580-CIP CONTINGENCY

This account is for budgetary purposes only and provides contingency funds to cover additional construction/change order costs. When funds are needed they are transferred from this account to a construction account. Actual costs are not charged to this account.

COMPOSITE LIST OF ALL COMMUNITY INVESTMENT PROGRAM PROJECTS

XXXXXX - Indicates project is included in the funded 5-Year Capital Improvements Program.

XXXXXX(U) - Indicates Unfunded Capital Improvement Project (Projects without funding available during the 5-Year CIP period which may be included in the CIP Program in later years as funding is identified and becomes available.)

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OPEN SPACE & PARKS

OS8301(U) Bikeway Network Plan
OS0002(U) Drainway/Greenway Completion
OS0901 Central Downtown Bike/Pedestrian Way
OS0902(U) East Side Sidewalks/Bikeways
OS1001(U) Friendship Plaza and Mill Street Underpass Fencing
OS1002 Open Space Development
OS1701 Mill Street Island Landscaping
OS1702(U) Off Road Bike/Pedestrian Path East Side of Giant City Road (Walnut Street to Dogwood Road)
OS1703 Drainway/Greenway Path Safety Improvements

PUBLIC BUILDINGS:

PB1001(U) Cemetery Maintenance and Office Building Replacement
PB1002(U) Public Works Garage Improvements
PB1003(U) Public Works Storage Building Replacements
PB1004(U) Public Works Facility Truck and Equipment Barn
PB1101(U) Cemetery Dry Soil Storage Building
PB1501 Poplar Camp Beach Restroom and Concession Stand Replacement
PB1601 City Hall/Civic Center Exterior Repairs
PB1602 MRP Storage Building
PB1701 City Hall/Civic Center Electrical Upgrades and Generator Upsizing

PARKING SYSTEM:

PK9104(U) Parking Lot #3 Reconstruction (East of Railroad Tracks, South of Grand Avenue)
PK9802(U) Parking Lot #6 Reconstruction (South of Walnut Street, West of Railroad Tracks)
PK0701 Parking Lot #8 Phase 2 Construction (700 Block of South Illinois Avenue)
PK1001 Parking Lot #26 (Interfaith Center) Improvements
PK1701 Parking Lot #14 Reconstruction (City Hall/Civic Center)
PK1702 Parking Lot #19 Reconstruction (Washington St., by Veterans Plaza)

SANITARY SEWERS:

SA7301(U) Washington Street Sanitary Sewer (Monroe Street to College Street)
SA0001(U) Crestview Sanitary Sewer Rehabilitation
SA0106 East/West Sanitary Sewer between Schwartz Street & College Street (West of Oakland Avenue)
SA0107(U) Almond Street Sanitary Sewer Rehabilitation (Chestnut Street to Willow Street and North South Sewer Located Apprx. 400' East of Springer St.
SA0901 Sanitary Sewer Rehabilitation Program
SA1001(U) Lakeland Subdivision Sanitary Sewer
SA1301 Sanitary Sewer Inflow and Infiltration Study
SA1302 Haake Jenkins Sanitary Sewer
SA1501 Oak Street - Poplar Street to Wall Street Sanitary Sewer Upgrade
SA1601 SEWWTP Interceptor Sewer Extension (Park Street to Pleasant Hill Road)

SPECIAL PROJECTS:

SP0203(U) Bus Shelters
SP0602(U) Carbondale Business Park East
SP0901 Creating Entryways into the Community
SP0903(U) Community Skateboard Park
SP0904 Illinois Avenue Streetscape Improvements
SP0905(U) City Buildings Signage
SP1002 Multimodal Transportation Center
SP1501(U) Old Historic Depot between train/Caboose and Railroad Tracks Renovate Walkway
SP1701(U) Burying of Wires on Main Street on Illinois Route 13
SP1702 Safety Improvements to Railroad Crossing to Allow Carbondale a Railroad Quite Zone
SP1703 East College Street at Illinois Central Railroad Tracks Improvements
SP1704 East Grand Avenue at Illinois Central Railroad Tracks Improvements

STORM SEWERS/DRAINAGE:

SS9501(U) Lu Court/Deer Lake Drainage
SS9601(U) East End of Oak Street to Piles Fork Creek Drainway
SS9902 Replace Corrugated Metal Pipes in Southwest Quadrant
SS0002(U) College/Freeman Storm Sewer (East of Poplar Street)
SS0003(U) Short Street to Crab Orchard Creek Drainway
SS0004(U) Oak Street Storm Sewer Improvements (310 East Oak)
SS0005(U) Gary Drive and Grand Ave Loop (East of Giant City Road)
SS0006(U) Oakland/Schwartz Area Drainage Ditch (behind homes)

STORM SEWERS/DRAINAGE (Continued):

COMPOSITE LIST OF ALL COMMUNITY INVESTMENT PROGRAM PROJECTS

SS0301(U)	Cherry Street Storm Sewer (Rawlings to Poplar Street)
SS0401(U)	Little Crab Orchard Creek Channelization (Southeast of Northwest Wastewater Treatment Plant to Charles Road)
SS0601(U)	Logan Street Area Storm Drainage
SS0801(U)	Valley Road Area Storm Drainage Improvements
SS0802(U)	South Side of Linden Street Drainage Improvements
SS0901(U)	Piles Fork Creek and Drainage Basin
SS1001(U)	Morningside Drive Storm Sewer Replacement
SS1002	Cherry Street/Elm Street Storm Sewer Interceptor Replacement
SS1003(U)	Green Earth Drainway Improvements (back of Emerald Lane)
SS1004(U)	Dillinger Road Drainage Study/Improvements
SS1005(U)	Pine Lane Storm Sewer Replacement
SS1101(U)	Tripoli Storm Drainage Improvements
SS1102(U)	Hunter Woods/Short Street Drainage Study
SS1401	City Wide Drainage Study

STREETS:

ST8101(U)	Wall Street Improvements (Fisher to Knight)
ST8501(U)	Oak Street Extension (Wall Street to Lewis Lane)
ST8703(U)	High Street Improvements (Springer Street to Eason Drive)
ST8706(U)	Owens Street Improvements (Bridge Street to Oakland Avenue)
ST9002(U)	McKinley Street Improvements (West Sycamore to North Street)
ST9503(U)	Mill Street Extension (Wall Street to Lewis Lane)
ST9505(U)	Twisdale Avenue Improvements
ST9507(U)	Walkup Avenue Improvements (Valley Road to Oakland Avenue)
ST9508(U)	Johnson Avenue Improvements (Chautauqua Street to Walkup Avenue)
ST9509(U)	Carter Street Improvements (Johnson Avenue to Hill Avenue)
ST9510(U)	Hill Avenue Improvements (Johnson Avenue to Oakland Avenue)
ST9511(U)	Oakland Ave (Southbound) Right Turn Lane at West Main Street
ST0001(U)	Park Street/Wall Street Intersection West Approach from SIU Towers
ST0002(U)	Logan Street Improvements (Main Street to Walnut Street)
ST0003(U)	Graham Street Improvements (Main Street to Walnut Street)
ST0005(U)	Poplar Street/Mill Street/Lincoln Drive Intersection
ST0006(U)	Robert A Stalls Avenue (North of Fisher Street)
ST0007(U)	Pierce Street, North
ST0008(U)	McQueen Street
ST0009(U)	Burke Street, East
ST0010(U)	Searing Street
ST0011(U)	Jenkins Street, East
ST0012(U)	Knight Street, East
ST0013(U)	Allman Street, North
ST0015(U)	Dillinger Road Improvement (McRoy Drive to Marion Street)
ST0016(U)	Dogwood Lane Improvements
ST0017(U)	Lake Heights Road Improvements (Walnut Street to Jackson County Housing)
ST0018(U)	Sycamore Street Reconstruction (Oakland Avenue to University Avenue)
ST0101(U)	Old West Main Street Reconstruction (Glenview Drive to Emerald Lane)
ST0103(U)	Billy Bryan Street Reconstruction (Sycamore Street to 1500 Feet North)
ST0104(U)	Gum Street Reconstruction
ST0105(U)	Connor Street Reconstruction
ST0202	Oakland Avenue Improvements (Walnut Street to Chautauqua Street)
ST0301(U)	Dillinger Road Reconstruction (US Route 51 to McRoy Drive)
ST0303(U)	Town Square/Downtown Area Brick Pavement Repair
ST0304(U)	Striegel Road Reconstruction (Illinois Route 13 to New Era Road)
ST0306(U)	Norwest Lane Reconstruction
ST0307(U)	Gary Drive Reconstruction (Giant City Road to Drury Avenue)
ST0308(U)	Grand Avenue Reconstruction (Giant City Road to Drury Avenue)
ST0309(U)	Drury Avenue Reconstruction (Grand Avenue to Gary Drive)
ST0310(U)	Liberty Lane Reconstruction (Grand Avenue to Gary Drive)
ST0402(U)	Curb Replacement throughout Carbondale
ST0503(U)	Taylor Drive Reconstruction (Chautauqua Street to Freeman Street)
ST0504(U)	Valley Road Reconstruction (Taylor Drive to Freeman Street)
ST0601(U)	McLafferty Road Turn Lane at Chautauqua Street
ST0602(U)	Sycamore Street Extension to New Era Road
ST0603(U)	East/West Connector - Oakland Avenue to New Era Road at Oakland Cemetery
ST0901(U)	Cul-de-sac at End of West North Street
ST0903	Lewis Lane and Grand Avenue Roundabout
ST0905(U)	Pedestrian Crosswalks on Illinois Route 13 at New Era Road, McKinney Drive, Giant City Road and Reed Station Road
ST0906(U)	Mill Street and Normal Avenue Intersection Design
ST1001(U)	W. Freeman Street (between University Baptist Church and Trinity School)
ST1002(U)	Chautauqua Street Improvements
ST1003(U)	W. Pleasant Hill Road (from McLafferty to Rowden Road) Improvements
ST1004(U)	Street Joint Replacements Program
ST1201	Street Patching Program

COMPOSITE LIST OF ALL COMMUNITY INVESTMENT PROGRAM PROJECTS

STREETS (Continued):

ST1202(U)	Oaklawn Subdivision, Hill, Carter, Johnson, Twisdale, Walkup Streets Improvements
ST1203(U)	Grand Avenue and Mill Street Boulevard Improvements
ST1204	Annual Collector Street Resurfacing Program
ST1301	Bridge Maintenance and Rehabilitation Program
ST1501(U)	Grand Avenue - Wall Street to Lewis Lane Reconstruct to Include Bicycle Paths on Both Side of the Street
ST1502(U)	Pleasant Hill Road - McLafferty to Union Hill Road Reconstruction
ST1503(U)	Poplar Street - Main Street to Sycamore Street Reconstruct to Include Bicycle Paths
ST1504(U)	New Era Road - Glenn Road to Airport Road Reconstruction
ST1505(U)	Frontage Road Improvements at Giant City and Route 13
ST1601(U)	West Main Street - Clinic Drive Frontage Road
ST1701	West Mill Street Resurfacing (Univeristy to Oakland)

SIDEWALKS:

SW9601(U)	Dogwood Lane Sidewalk Improvements
SW9602(U)	Lark Lane Sidewalks (Murphysboro Road to Kent Drive)
SW9603(U)	Rod Lane Sidewalks (North & South of Sunset Drive)
SW0702(U)	Cherry Street Sidewalk/Storm Sewer (Forest Avenue to Oakland Avenue)
SW0802(U)	Sidewalk Eastside Wall (from Fisher to Searing)
SW1001(U)	State Street Sidewalks (from Mill Street to Hester Street)
SW1402(U)	East Walnut Street Sidewalks
SW1502	Lewis Lane - Walnut Street to College Street Add Sidewalks to East Side of Roadway to Connect Existing Sidewalk
SW1701	Sidewalk Improvements
SW1702	East Main and East Walnut Streets Sidewalk Infill

TRAFFIC SIGNALS:

TS9601(U)	Traffic Signals with Pedestrian Actuation (Walnut Street at Marion Street)
TS9701(U)	Oakland Avenue/Freeman Street Intersection Traffic Signals
TS9702(U)	Mill Street/Oakland Avenue Intersection Traffic Signals
TS9703(U)	Mill Street/Poplar Street Intersection Traffic Signals
TS9704(U)	Mill Street/University Avenue (Normal Avenue) Intersection Traffic Signals
TS0201(U)	Giant City Road/East Mall Entrance Road/Sunny Acres Road Intersection Traffic Signals
TS0204(U)	Audible Signals for the Visually Impaired
TS0301(U)	Grand Avenue/Lewis Lane Intersection Traffic Signals
TS0801(U)	Mill Street/Washington Street Traffic Signal Turn Arrows for Eastbound and Westbound Traffic

WATER SYSTEM:

WS8502(U)	Jackson Street Water Main (Washington Street to Wall Street)
WS8503(U)	Washington Street Water Main (Walnut Street to Grand Avenue)
WS9202(U)	Main Street Water Main (Glenview Drive to Emerald Lane)
WS9502(U)	Walnut Street Water Main (Illinois Avenue to Washington Street)
WS9701	Dillinger Road/Bicentennial Industrial Park Water Main Loop
WS9801(U)	Water Line Extension East of McRoy Drive
WS9807(U)	Freeman Street Water Main Replacement (Oakland Avenue to Valley Road)
WS9808(U)	Jackson County Housing Water Line between Ashley, Chestnut, Brush, & Robert A Stalls Avenue
WS9813(U)	Main Street Water Main Replacement (Marion Street to Lewis Lane)
WS9816(U)	Norwest Lane/New Era Road Water Main Loop
WS0103(U)	Lincoln Street Water Line Replacement (College Street to Mill Street)
WS0107(U)	Hill Street Water Line Replacement (Carter Street to Oakland Avenue)
WS0108(U)	Cherry Street Water Line Replacement (Oakland Avenue to James Street)
WS0112(U)	Michaels Street Water Line Replacement (From Willow Street to 300 Ft North)
WS0115(U)	McKinley Street Water Main Replacement (Sycamore Street to North Street)
WS0201	Mill Street Water Main (Illinois Avenue to Oakland Avenue)
WS0203	Oakland Avenue Water Main (Walnut Street to Mill Street)
WS0205(U)	Billy Bryan Street Water Line Replacement (Gher Street to 150' North of Willow Street)
WS0303(U)	Elm Street Water Line Replacement (Washington Street to Marion Street)
WS0601	New Era Road & Route 13 Waterline Interconnect
WS0801(U)	Union Hill Road Raw Water Line Relocation
WS0803	Crab Orchard Water District Improvements
WS0901	Redundant/Backup Water Supply Evaluation
WS0903(U)	Marion Street North from Fisher Street Water Line Replacement
WS0904	Pecan Street Water Line Replacement (400 - 900 blocks)
WS0908(U)	Cedar Lake Boat Access Program Development
WS0909(U)	Automatic Meter Reading System
WS1001(U)	Paint the Water Treatment Plant
WS1003(U)	Water Plant Expansion
WS1004(U)	Cedar Lake Replace Water Control Structure
WS1202	Cedar Lake Pump Station Renovations

**COMPOSITE LIST OF ALL
COMMUNITY INVESTMENT PROGRAM PROJECTS**

WATER SYSTEM (Continued):

WS1301	Feeder Water Main Replacements
WS1501(U)	Cedar Lake Boat Launch Renovation at the North End of Cedar Lake Boat Launch Area Parking Lot
WS1503	Cedar Lake Sediment and Nutrient Load Reduction Projects
WS1601	Water Plant Clearwell Painting and Repairs
WS1701	Water Plant Filter Rehabilitation
WS1702	Dixon Street Waterline Replacement (Old West Main to Skyline)

WASTEWATER SYSTEM:

WW1001	Northwest Wastewater Treatment Plant Nutrient Removal Upgrades
WW1002	Northwest Wastewater Treatment Plant Bar Screen on Grit Chamber
WW1005	Southeast Wastewater Treatment Plant Mechanical Bar Screen
WW1006	Alarm Communication and Flow Monitoring System for All Lift Stations
WW1007	Kent Drive - Lift Station and Foremain Replacement
WW1008(U)	Northwest Wastewater Treatment Plant Primary Clarifiers Troughs, Weirs, Center Column in Both Tanks Replaced
WW1009	Northwest Wastewater Treatment Plant Effluent Pump Replacement
WW1010(U)	Northwest Wastewater Treatment Plant Upgrade from 2.64 MGD to 4.2 MGD
WW1011(U)	Southeast Wastewater Treatment Plant Upgrade from 6 MGD to 9 MGD
WW1301	Lift Station Emergency Power Systems
WW1501(U)	Southeast Wastewater Treatment Plant New Ultraviolet Light Disinfection
WW1503(U)	Murdale Lift Station Pump Addition
WW1601	Northwest Wastewater Treatment Plant River Vault Renovations
WW1701	NWWWTP Concrete Bottoms in the Sludge Holding Lagoons
WW1702	SEWWTP Excess Flow Lagoon Modifications
WW1703	SEWWTP Logic Cabinet Upgrades

FY 2017 FUNDED 5-YEAR COMMUNITY INVESTMENT PROGRAM

OPEN SPACE & PARKS:

OS0901	Central Downtown Bike/Pedestrian Way
OS1002	Open Space Development
OS1701	Mill Street Island Landscaping
OS1703	Drainways/Greenways Path Safety Improvements

PUBLIC BUILDINGS:

PB1501	Poplar Camp Beach Restroom and Concession Stand Replacement
PB1601	City Hall/Civic Center Exterior Repairs
PB1602	MRP Storage Building
PB1701	City Hall/Civic Center Electrical Upgrades and Generator Upsizing

PARKING SYSTEM:

PK0701	Parking Lot #8 Phase 2 Construction (700 Block of South Illinois Avenue)
PK1001	Parking Lot #26 Improvements (Interfaith Center)
PK1701	Parking Lot #14 Reconstruction (City Hall/Civic Center)
PK1702	Parking Lot #19 Reconstruction (Washington St., by Veterans Plaza)

SANITARY SEWERS:

SA0106	East/West Sanitary Sewer between Schwartz Street & College Street (West of Oakland Avenue)
SA0901	Sanitary Sewer Rehabilitation Program
SA1301	Sanitary Sewer Inflow and Infiltration Study
SA1302	Haake Jenkins Sanitary Sewer
SA1501	Oak Street - Poplar Street to Wall Street Sanitary Sewer Upgrade
SA1601	SEWWTP Inceptor Sewer Extension (Park Street to Pleasant Hill Road)

SPECIAL PROJECTS:

SP0901	Creating Community Entryways to the Community
SP0904	Illinois Avenue Streetscape Improvements
SP1002	Multimodal Transportation Center
SP1702	Safety Improvements to Railroad Crossing to Allow Carbondale a Railroad Quite Zone
SP1703	East College Street at Illinois Central Railroad Tracks Improvements
SP1704	East Grand Avenue at Illinois Central Railroad Tracks Improvements

STORM SEWERS/DRAINAGE:

SS9902	Replace Corrugated Metal Pipes in Southwest Quadrant
SS1002	Cherry Street/Elm Street Storm Sewer Interceptor Replacement
SS1401	City Wide Drainage Study

STREETS:

ST0202	Oakland Avenue Reconstruction (Walnut to Chautauqua)
ST0903	Lewis Lane and Grand Avenue Roundabout
ST1201	Street Patching Program
ST1204	Annual Collector Street Resurfacing Program
ST1301	Bridge Maintenance and Rehabilitation Program
ST1701	West Mill Street Resurfacing (Univeristy to Oakland)

SIDEWALKS:

SW1502	Lewis Lane Sidewalks (College to Walnut)
SW1701	Sidewalk Improvements
SW1702	East Main and East Walnut Streets Sidewalk Infill

TRAFFIC SIGNALS:

WATER SYSTEM:

WS9701	Dillinger Road/Bicentennial Industrial Park Watermain Loop
WS0203	Oakland Avenue Watermain (Walnut Street to Mill Street)

FY 2017 FUNDED 5-YEAR COMMUNITY INVESTMENT PROGRAM

WATER SYSTEM (CONTINUED):

WS0803	Crab Orchard Water District Improvements
WS0901	Redundant/Backup Water Supply Evaluation
WS0904	Pecan Street Water Line Replacement (400 - 900 blocks)
WS1202	Cedar Lake Pump Station Renovations
WS1301	Feeder Water Main Replacements
WS1503	Cedar Lake Sediment and Nutrient Load Reduction Projects
WS1601	Water Plant Clearwell Painting and Repairs
WS1701	Water Plant Filter Rehabilitation
WS1702	Dixon Street Waterline Replacement (Old West Main to Skyline)

WASTEWATER SYSTEM:

WW1001	Northwest Wastewater Treatment Plant Nutrient Removal Upgrades
WW1002	Northwest Wastewater Treatment Plant Bar Screen on Grit Chamber
WW1005	Southeast Wastewater Treatment Plant Mechanical Bar Screen
WW1006	Alarm Communication and Flow Monitoring System for All Lift Stations
WW1007	Kent Drive - Lift Station and Foremain Replacement
WW1009	Northwest Wastewater Treatment Plant Effluent Pump Replacement
WW1301	Lift Station Emergency Power System
WW1601	Northwest Wastewater Treatment Plant River Vault Renovations
WW1701	NWWWTP Concrete Bottoms in the Sludge Holding Lagoons
WW1702	SEWWTP Excess Flow Lagoon Modifications
WW1703	SEWWTP Logic Cabinet Upgrades

Project Description: **TOTAL SUMMARY OF ALL PROJECTS FOR 5 YEAR CIP**

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	1,954	0						1,954	0	1,954	
521 Contractual	1,526							1,526	0	1,526	
Design Engineering											
530 Eng. Svc. Div.	1,762,283	1,209,000	265,640	330,860	320,500	125,000	167,000	295,095	258,188	553,283	
531 Contractual	4,092,149	3,357,772	832,772	1,095,000	577,000	309,000	544,000	289,872	444,505	734,377	
Resident Engineering											
540 Eng. Svc. Div.	1,575,746	1,328,544	228,264	223,280	338,000	363,000	176,000	164,854	82,348	247,202	
541 Contractual	325,556	323,900	52,400	22,000	116,500	65,500	67,500	1,656		1,656	
Property Acquisition:											
550 Eng. Svc. Div.	34,980	34,980	4,980	30,000				0	0	0	
552 Legal Svc. Div.	5,000	5,000		5,000				0	0	0	
553 Contractual	25,000	25,000		25,000				0	0	0	
555 Land Purchase	725,628	610,000	15,000	595,000				115,628	0	115,628	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	1,104,171	270,000	155,000	5,000	60,000		50,000	74,248	759,923	834,171	
565 Contractual	44,978,015	41,495,423	8,293,423	4,648,000	13,488,000	10,258,000	4,808,000	2,101,379	1,381,213	3,482,592	
580 Contingency	3,379,610	3,379,610	778,000	323,860	1,220,250	786,500	271,000	0	0	0	
595 Capitalized Interest	0							0	0	0	
Project Totals:	58,011,618	52,039,229	10,625,479	7,303,000	16,120,250	11,907,000	6,083,500	3,046,212	2,926,177	5,972,389	0

Project Funding												
Source Code	Division											
FB-SC	47300	269,240	256,320	256,320							12,920	12,920
FB-GR	44007	7,132,521	6,490,954	1,022,724	1,736,730	1,395,000	1,270,000	1,066,500	446,610	194,957	641,567	
TF (GF)	44007	1,151,992	1,151,992	29,304	92,688	1,030,000						
TF (TIF)	41401	426,000	426,000		25,000	401,000						
TF (TIF)	41501	3,612,736	3,560,000			1,030,000	1,645,000	885,000		52,736	52,736	
SA	44007	1,191,108	1,191,108	353,886	837,222							
FA	44007	1,514,190	1,492,000	360,000	108,000		1,024,000		10,736	11,454	22,190	
LOAN	44007	0	0									
GOB	44007	0	0									
GRANT (Other)	44007	13,904,466	13,904,466	64,466	1,128,000	8,240,000	4,472,000					
FB-SC	47150	858,015	411,300	187,300	224,000				76,449	370,266	446,715	
TF (GF)	47150	0	0									
TF (TIF)	47150	570,750	570,750			570,750						
LOAN	47150	0	0									
FB-UR	47044	13,195,390	11,514,780	3,320,920	2,332,860	2,254,000	1,591,000	2,016,000	1,031,574	649,036	1,680,610	
TF (GF)	47044	0	0									
TF (TIF)	47044	0	0									
SA	47044	220,000	0					220,000			220,000	
FA	47044	0	0									
LOAN	47044	0	0									
FB-UR	47045	11,956,110	9,137,040	3,848,040	818,500	1,199,500	1,905,000	1,366,000	1,260,843	1,558,227	2,819,070	
TF (GF)	47045	0	0									
TF (TIF)	47045	0	0									
SA	47045	1,762,500	1,702,457	952,457				750,000		60,043	60,043	
FA	47045	185,000	168,462	168,462						16,538	16,538	
LOAN	47045	0	0									
SA (MFT)	41017	61,600	61,600	61,600								
SA (IDOT Grant)	41017	0	0									
Project Totals:	58,011,618	52,039,229	10,625,479	7,303,000	16,120,250	11,907,000	6,083,500	3,046,212	2,926,177	5,972,389	0	

**CITY OF CARBONDALE, ILLINOIS
CAPITAL IMPROVEMENTS PROGRAM PROJECT BUDGET SUMMARY**

FISCAL YEAR: 2017

Summary by Fund & Funding Source Codes

RECOMMENDED FINANCING CODES

FB - Fund Balance
SC - Service Charges
FB-SC - Fund Balance - Service Charges
FB-GR - Fund Balance - General Revenues
TF (GF) - Transfers from General Func
TF (TIF) - Transfer from Tax Increment Func

FA - Federal Aid, Grant or Project Impact
LOAN- Loan Secured by Mortgage
GOB - General Obligation Bonds
RB - Revenue Board
UR - Utility Revenue

SA - State Aid
SA (MFT) - State Aid - Motor Fuel Tax
SA(Grant) - State Aid - Grant
PB - Public Benefit Tax Levy Revenues
LGA - Local Government Agency
GC - Gifts and Contributions

FUND	DIV. NO.	FINANCE CODE	TOTAL ESTIMATED COST	TOTAL 5 YEAR COST	EXPENDITURE YEAR					PROJECT COST THRU FY 2015	ESTIMATED ACTUAL FY 2016	PRIOR YEARS COST	LATER YEARS COST
					FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
					Municipal Rental Properties	47300	FB-SC	269,240	256,320				
Total MRP Fund			269,240	256,320	256,320	0	0	0	0	0	12,920	12,920	0
Local Improvement	44007	FB-GR	7,132,521	6,490,954	1,022,724	1,736,730	1,395,000	1,270,000	1,066,500	446,610	194,957	641,567	0
	44007	TF (GF)	1,151,992	1,151,992	29,304	92,688	1,030,000	0	0	0	0	0	0
	41401	TF (TIF)	426,000	426,000	0	25,000	401,000	0	0	0	0	0	0
	41501	TF (TIF)	3,612,736	3,560,000	0	0	1,030,000	1,645,000	885,000	0	52,736	52,736	0
	44007	SA	1,191,108	1,191,108	353,886	837,222	0	0	0	0	0	0	0
	44007	FA	1,514,190	1,492,000	360,000	108,000	0	1,024,000	0	10,736	11,454	22,190	0
	44007	LOAN	0	0	0	0	0	0	0	0	0	0	0
	44007	GOB	0	0	0	0	0	0	0	0	0	0	0
	44007	GRANT (Other)	13,904,466	13,904,466	64,466	1,128,000	8,240,000	4,472,000	0	0	0	0	0
Total Local Improvement Fund			28,933,013	28,216,520	1,830,380	3,927,640	12,096,000	8,411,000	1,951,500	457,346	259,147	716,493	0
Parking Operations	47150	FB-SC	858,015	411,300	187,300	224,000	0	0	0	76,449	370,266	446,715	0
	47150	TF (GF)	0	0	0	0	0	0	0	0	0	0	0
	47150	TF (TIF)	570,750	570,750	0	0	570,750	0	0	0	0	0	0
	47150	LOAN	0	0	0	0	0	0	0	0	0	0	0
Total Parking Operations Fund			1,428,765	982,050	187,300	224,000	570,750	0	0	76,449	370,266	446,715	0
Waterworks and Sewerage	47044	FB-UR	13,195,390	11,514,780	3,320,920	2,332,860	2,254,000	1,591,000	2,016,000	1,031,574	649,036	1,680,610	0
Wastewater Construction	47044	TF (GF)	0	0	0	0	0	0	0	0	0	0	0
Wastewater Construction	47044	TF (TIF)	0	0	0	0	0	0	0	0	0	0	0
Wastewater Construction	47044	SA	220,000	0	0	0	0	0	0	220,000	0	220,000	0
Wastewater Construction	47044	FA	0	0	0	0	0	0	0	0	0	0	0
Wastewater Construction	47044	LOAN	0	0	0	0	0	0	0	0	0	0	0
Wastewater Construction	47045	FB-UR	11,956,110	9,137,040	3,848,040	818,500	1,199,500	1,905,000	1,366,000	1,260,843	1,558,227	2,819,070	0
Wastewater Construction	47045	TF (GF)	0	0	0	0	0	0	0	0	0	0	0
Water System Construction	47045	TF (TIF)	0	0	0	0	0	0	0	0	0	0	0
Water System Construction	47045	SA	1,762,500	1,702,457	952,457	0	0	0	750,000	0	60,043	60,043	0
Water System Construction	47045	FA	185,000	168,402	168,462	0	0	0	0	0	16,538	16,538	0
Water System Construction	47045	LOAN	0	0	0	0	0	0	0	0	0	0	0
Total Waterworks and Sewerage			27,319,000	22,522,679	8,289,879	3,151,360	3,453,500	3,496,000	4,132,000	2,512,417	2,283,844	4,796,261	0
Motor Fuel Tax Fund	41017	SA (MFT)	61,600	61,600	61,600	0	0	0	0	0	0	0	0
Motor Fuel Tax Fund	41017	SA (IDOT Grant)	0	0	0	0	0	0	0	0	0	0	0
Total Motor Fuel Tax Fund			61,600	61,600	61,600	0	0	0	0	0	0	0	0
GRAND TOTAL CIP			58,011,618	52,039,169	10,625,479	7,303,000	16,120,250	11,907,000	6,083,500	3,046,212	2,926,177	5,972,389	0

CITY OF CARBONDALE, ILLINOIS
CAPITAL IMPROVEMENTS PROGRAM PROJECT BUDGET SUMMARY
FISCAL YEAR: 2017
Summary by Project Group

DESCRIPTION	Total Estimated Cost	Total 5 Year Cost	EXPENDITURE YEAR					Project Cost Thru FY 2015	Estimated Actual FY 2016	Prior Years Cost	Later Years Cost
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
			OS-Open Spaces & Parks	1,803,747	1,611,120	661,680	949,440				
PB-Public Buildings	1,291,376	1,264,680	433,680	579,000	252,000	0	0	0	26,696	26,696	0
PK-Parking System	1,428,765	982,050	187,300	224,000	570,750	0	0	76,449	370,266	446,715	0
SA-Sanitary Sewers	7,661,438	6,129,500	885,640	1,919,860	1,544,000	750,000	1,030,000	951,589	580,349	1,531,938	0
SP-Special Projects	20,789,440	20,722,480	346,480	1,946,000	11,428,000	6,117,000	885,000	0	66,960	66,960	0
SS-Storm Sewers	1,090,500	1,090,500	0	25,000	426,000	374,500	265,000	0	0	0	0
ST-Streets	3,567,572	3,368,160	583,160	195,000	69,000	1,819,500	701,500	185,094	14,318	199,412	0
SW-Sidewalks	1,007,218	763,500	123,300	267,200	173,000	100,000	100,000	188,493	55,225	243,718	0
TS-Traffic Signals	0	0	0	0	0	0	0	0	0	0	0
WS-Water System	13,617,610	10,721,959	4,968,959	784,500	947,500	1,905,000	2,116,000	1,260,843	1,634,808	2,895,651	0
WW-Wastewater Trmt.	5,753,952	5,385,280	2,435,280	413,000	710,000	841,000	986,000	299,985	68,687	368,672	0
GRAND TOTAL CIP	58,011,618	52,039,229	10,625,479	7,303,000	16,120,250	11,907,000	6,083,500	3,046,212	2,926,177	5,972,389	0

FY 2017 FUNDED 5-YEAR COMMUNITY INVESTMENT PROGRAM

OPEN SPACE & PARKS:

OS0901	Central Downtown Bike/Pedestrian Way
OS1002	Open Space Development
OS1701	Mill Street Island Landscaping
OS1703	Drainways/Greenways Path Safety Improvements

Project Description: **SUMMARY OF PROJECTS FOR 5 YEAR CIP**

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	100,785	48,560	36,560	12,000				22,633	29,592	52,225	
531 Contractual	0	0						0	0	0	
Resident Engineering											
540 Eng. Svc. Div.	47,176	45,400	20,120	25,280				0	1,776	1,776	
541 Contractual	0	0						0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	61,126	0						61,126	0	61,126	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	0	0						0	0	0	
565 Contractual	1,492,500	1,415,000	580,000	835,000				0	77,500	77,500	
580 Contingency	102,160	102,160	25,000	77,160				0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	1,803,747	1,611,120	661,680	949,440				83,759	108,868	192,627	

Project Funding											
Source Code	Division										
FB-SC	47300	0	0						0	0	0
FB-GR	44007	480,821	311,154	214,024	97,130				83,759	85,908	169,667
TF (GF)	44007	121,992	121,992	29,304	92,688				0	0	0
TF (TIF)	41401	0	0						0	0	0
TF (TIF)	41501	22,960	0						0	22,960	22,960
SA	44007	1,113,508	1,113,508	353,886	759,622				0	0	0
FA	44007	0	0						0	0	0
LOAN	44007	0	0						0	0	0
GOB	44007	0	0						0	0	0
GRANT (Other)	44007	64,466	64,466	64,466					0	0	0
		0	0						0	0	0
		0	0						0	0	0
FB-SC	47150	0	0						0	0	0
TF (GF)	47150	0	0						0	0	0
TF (TIF)	47150	0	0						0	0	0
LOAN	47150	0	0						0	0	0
FB-UR	47044	0	0						0	0	0
TF (GF)	47044	0	0						0	0	0
TF (TIF)	47044	0	0						0	0	0
SA	47044	0	0						0	0	0
FA	47044	0	0						0	0	0
LOAN	47044	0	0						0	0	0
		0	0						0	0	0
FB-UR	47045	0	0						0	0	0
TF (GF)	47045	0	0						0	0	0
TF (TIF)	47045	0	0						0	0	0
SA	47045	0	0						0	0	0
FA	47045	0	0						0	0	0
LOAN	47045	0	0						0	0	0
SA (MFT)	41017	0	0						0	0	0
SA (IDOT Grant)	41017	0	0						0	0	0
Project Totals:		1,803,747	1,611,120	661,680	949,440				83,759	108,868	192,627

Project Description: CENTRAL DOWNTOWN BIKE/PEDESTRIAN WAY

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	29,920	29,920	29,920					0	0	0	
531 Contractual	0	0						0	0	0	
Resident Engineering											
540 Eng. Svc. Div.	13,280	13,280		13,280				0	0	0	
541 Contractual	0	0						0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	0	0						0	0	0	
565 Contractual	415,000	415,000		415,000				0	0	0	
580 Contingency	35,160	35,160		35,160				0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	493,360	493,360	29,920	463,440	0	0	0	0	0	0	0

Project Funding											
Source Code	Division										
FB-SC	47300	0	0						0	0	0
FB-GR	44007	0	0						0	0	0
TF (GF)	44007	98,672	98,672	5,984	92,688				0	0	0
TF (TIF)	41501	0	0						0	0	0
LGA	44007	0	0						0	0	0
SA	44007	394,688	394,688	23,936	370,752				0	0	0
FA	44007	0	0						0	0	0
LOAN	44007	0	0						0	0	0
GOB	44007	0	0						0	0	0
GRANT (Other)	44007	0	0						0	0	0
		0	0						0	0	0
		0	0						0	0	0
FB-SC	47150	0	0						0	0	0
TF (GF)	47150	0	0						0	0	0
TF (TIF)	47150	0	0						0	0	0
LOAN	47150	0	0						0	0	0
FB-UR	47044	0	0						0	0	0
TF (GF)	47044	0	0						0	0	0
TF (TIF)	47044	0	0						0	0	0
SA	47044	0	0						0	0	0
FA	47044	0	0						0	0	0
LOAN	47044	0	0						0	0	0
		0	0						0	0	0
FB-UR	47045	0	0						0	0	0
TF (GF)	47045	0	0						0	0	0
TF (TIF)	47045	0	0						0	0	0
SA	47045	0	0						0	0	0
FA	47045	0	0						0	0	0
LOAN	47045	0	0						0	0	0
SA (MFT)	41017	0	0						0	0	0
SA (IDOT Grant)	41017	0	0						0	0	0
Project Totals:		493,360	493,360	29,920	463,440	0	0	0	0	0	0

IPE NARRATIVE CIP NO: OS0901

Central Downtown Bike/Pedestrian Path – Phase II

COMMUNITY INVESTMENT PROGRAM

I. DETAILED DESCRIPTION:

Construct an eight foot wide multiuse bicycle/pedestrian path from the intersection of East Mill Street and South Washington Street, south across SIU property to the end of the pedestrian overpass.

II. PROJECT JUSTIFICATION:

This project will complete the southern segment of the downtown bicycle/pedestrian path. And allow quicker and easier access to the downtown areas from the SIU Campus. Partial funding has been secured for this project through the Illinois Transportation Enhancement Program (ITEP).

Project Description: OPEN SPACE DEVELOPMENT

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	58,897	12,000		12,000				22,633	24,264	46,897	
531 Contractual	0	0						0	0	0	
Resident Engineering											
540 Eng. Svc. Div.	30,576	28,800	16,800	12,000				0	1,776	1,776	
541 Contractual	0	0						0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	61,126	0						61,126	0	61,126	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	0	0						0	0	0	
565 Contractual	930,000	930,000	510,000	420,000				0	0	0	
580 Contingency	67,000	67,000	25,000	42,000				0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	1,147,599	1,037,800	551,800	486,000	0	0	0	83,759	26,040	109,799	0

Project Funding											
Source Code	Division										
FB-SC	47300	0	0						0	0	0
FB-GR	44007	364,313	254,514	157,384	97,130				83,759	26,040	109,799
TF (GF)	44007	0	0						0	0	0
TF (TIF)	41401	0	0						0	0	0
TF (TIF)	41501	0	0						0	0	0
SA	44007	718,820	718,820	329,950	388,870				0	0	0
FA	44007	0	0						0	0	0
LOAN	44007	0	0						0	0	0
GOB	44007	0	0						0	0	0
GRANT (Other)	44007	64,466	64,466	64,466					0	0	0
		0	0						0	0	0
		0	0						0	0	0
FB-SC	47150	0	0						0	0	0
TF (GF)	47150	0	0						0	0	0
TF (TIF)	47150	0	0						0	0	0
LOAN	47150	0	0						0	0	0
FB-UR	47044	0	0						0	0	0
TF (GF)	47044	0	0						0	0	0
TF (TIF)	47044	0	0						0	0	0
SA	47044	0	0						0	0	0
FA	47044	0	0						0	0	0
LOAN	47044	0	0						0	0	0
		0	0						0	0	0
FB-UR	47045	0	0						0	0	0
TF (GF)	47045	0	0						0	0	0
TF (TIF)	47045	0	0						0	0	0
SA	47045	0	0						0	0	0
FA	47045	0	0						0	0	0
LOAN	47045	0	0						0	0	0
SA (MFT)	41017	0	0						0	0	0
SA (IDOT Grant)	41017	0	0						0	0	0
Project Totals:		1,147,599	1,037,800	551,800	486,000	0	0	0	83,759	26,040	109,799

IPE NARRATIVE CIP NO: OS1002

OPEN SPACE DEVELOPMENT

COMMUNITY INVESTMENT PROGRAM

I. DETAILED DESCRIPTION:

Designate and develop open space improvements within the City. Possible projects include extending the Greenway/Bikeway along Piles Fork Creek, a Comprehensive Bike Route Plan, Central downtown Bike/Pedestrian Greenway Park.

In FY 2016, this project includes the construction of the Downtown Bicycle Pedestrian Path – Phase I (Mill Street to Main Street) and design of Phase II (SIU Pedestrian Overpass to Mill Street) of the path. Both of these projects are partially funded by an Illinois Department of Transportation (IDOT) Illinois Transportation Enhancement Program (ITEP) grants.

II. PROJECT JUSTIFICATION:

Open space will be developed as a commitment from the half-cent Home Rule Sales Tax increase.

Project Description: MILL STREET ISLAND LANDSCAPING

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	2,960	0						0	2,960	2,960	
531 Contractual	0	0						0	0	0	
Resident Engineering											
540 Eng. Svc. Div.	3,320	3,320	3,320					0	0	0	
541 Contractual	0	0						0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	0	0						0	0	0	
565 Contractual	40,000	20,000	20,000					0	20,000	20,000	
580 Contingency	0	0						0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	46,280	23,320	23,320	0	0	0	0	0	22,960	22,960	0

Project Funding											
Source Code	Division										
FB-SC	47300	0	0						0	0	0
FB-GR	44007	0	0						0	0	0
TF (GF)	44007	23,320	23,320	23,320					0	0	0
TF (TIF)	41401	0	0						0	0	0
TF (TIF)	41501	22,960	0						0	22,960	22,960
SA	44007	0	0						0	0	0
FA	44007	0	0						0	0	0
LOAN	44007	0	0						0	0	0
GOB	44007	0	0						0	0	0
GRANT (Other)	44007	0	0						0	0	0
		0	0						0	0	0
		0	0						0	0	0
FB-SC	47150	0	0						0	0	0
TF (GF)	47150	0	0						0	0	0
TF (TIF)	47150	0	0						0	0	0
LOAN	47150	0	0						0	0	0
FB-UR	47044	0	0						0	0	0
TF (GF)	47044	0	0						0	0	0
TF (TIF)	47044	0	0						0	0	0
SA	47044	0	0						0	0	0
FA	47044	0	0						0	0	0
LOAN	47044	0	0						0	0	0
		0	0						0	0	0
FB-UR	47045	0	0						0	0	0
TF (GF)	47045	0	0						0	0	0
TF (TIF)	47045	0	0						0	0	0
SA	47045	0	0						0	0	0
FA	47045	0	0						0	0	0
LOAN	47045	0	0						0	0	0
SA (MFT)	41017	0	0						0	0	0
SA (IDOT Grant)	41017	0	0						0	0	0
Project Totals:		46,280	23,320	23,320	0	0	0	0	0	22,960	22,960

IPE NARRATIVE CIP NO: OS1701

MILL STREET ISLAND LANDSCAPING

COMMUNITY INVESTMENT PROGRAM

I. DETAILED DESCRIPTION:

To add an easily maintainable landscaped entryway into the downtown South Illinois Avenue area.

II. PROJECT JUSTIFICATION:

This project is consistent with beautification of the downtown areas as desired by the City Council.

Project Description: **DRAINWAYS/GREENWAYS PATH SAFETY IMPROVEMENTS**

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	9,008	6,640	6,640					0	2,368	2,368	
531 Contractual	0	0						0	0	0	
Resident Engineering											
540 Eng. Svc. Div.	0	0						0	0	0	
541 Contractual	0	0						0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	0	0						0	0	0	
565 Contractual	107,500	50,000	50,000					0	57,500	57,500	
580 Contingency	0	0						0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	116,508	56,640	56,640	0	0	0	0	0	59,868	59,868	0

Project Funding											
Source Code	Division										
FB-SC	47300	0	0						0	0	0
FB-GR	44007	116,508	56,640	56,640					0	59,868	59,868
TF (GF)	44007	0	0						0	0	0
TF (TIF)	41401	0	0						0	0	0
TF (TIF)	41501	0	0						0	0	0
SA	44007	0	0						0	0	0
FA	44007	0	0						0	0	0
LOAN	44007	0	0						0	0	0
GOB	44007	0	0						0	0	0
GRANT (Other)	44007	0	0						0	0	0
		0	0						0	0	0
		0	0						0	0	0
FB-SC	47150	0	0						0	0	0
TF (GF)	47150	0	0						0	0	0
TF (TIF)	47150	0	0						0	0	0
LOAN	47150	0	0						0	0	0
FB-UR	47044	0	0						0	0	0
TF (GF)	47044	0	0						0	0	0
TF (TIF)	47044	0	0						0	0	0
SA	47044	0	0						0	0	0
FA	47044	0	0						0	0	0
LOAN	47044	0	0						0	0	0
		0	0						0	0	0
FB-UR	47045	0	0						0	0	0
TF (GF)	47045	0	0						0	0	0
TF (TIF)	47045	0	0						0	0	0
SA	47045	0	0						0	0	0
FA	47045	0	0						0	0	0
LOAN	47045	0	0						0	0	0
SA (MFT)	41017	0	0						0	0	0
SA (IDOT Grant)	41017	0	0						0	0	0
Project Totals:		116,508	56,640	56,640	0	0	0	0	0	59,868	59,868

IPE NARRATIVE CIP NO: OS1703

DRAINWAYS/GREENWAYS PATH SAFETY IMPROVEMENTS

COMMUNITY INVESTMENT PROGRAM

I. DETAILED DESCRIPTION:

The purpose of this project is to add safety improvements as needed to the existing drainways/greenways path along Piles Fork Creek from Grand Avenue to Walnut Street.

II. PROJECT JUSTIFICATION:

The drainways/greenways path was constructed in 1982-1983 and includes 9.5 acres of land for public outdoor recreation. The land for this project purchased through a State of Illinois Land and Water Conservation Fund Grant, as such the City is responsible to ensure the property and amenities are maintained, safe, and usable for the general public. Via a lease agreement with the City of Carbondale, the Carbondale Park District is responsible for the regular operation and maintenance of the path and its amenities; however the City is required by the Illinois Department of Natural Resources (IDNR) to ensure the recreational land and amenities are maintained and repaired. The Park District's limited resources preclude making some of the needed safety improvements including: lighting upgrades, handrails modifications, and limited pathway surface reconstruction. As such the City desires to make some needed improvements.

FY 2016 FUNDED 5-YEAR COMMUNITY INVESTMENT PROGRAM

PUBLIC BUILDINGS:

PB1501	Poplar Camp Beach Restroom and Concession Stand Replacement
PB1601	City Hall/Civic Center Exterior Repairs
PB1602	MRP Storage Building
PB1701	City Hall/Civic Center Electrical Upgrades and Generator Upsizing

Project Description: SUMMARY OF PROJECTS FOR 5 YEAR CIP

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2014	Estimated Actual Cost for FY 2015	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	25,336	20,640	6,640	14,000				0	4,696	4,696	
531 Contractual	60,000	38,000	18,000	20,000				0	22,000	22,000	
Resident Engineering											
540 Eng. Svc. Div.	33,640	33,640	6,640	7,000	20,000			0	0	0	
541 Contractual	31,400	31,400	9,400	10,000	12,000			0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	0	0						0	0	0	
565 Contractual	1,035,000	1,035,000	355,000	480,000	200,000			0	0	0	
580 Contingency	106,000	106,000	38,000	48,000	20,000			0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	1,291,376	1,264,680	433,680	579,000	252,000			0	26,696	26,696	

Project Funding											
Source Code	Division										
FB-SC	47300	269,240	256,320	256,320					0	12,920	12,920
FB-GR	44007	736,136	722,360	177,360	545,000				0	13,776	13,776
TF (GF)	44007	0	0						0	0	0
TF (TIF)	44007	0	0						0	0	0
LGA	44007	0	0						0	0	0
SA	44007	0	0						0	0	0
FA	44007	0	0						0	0	0
LOAN	44007	0	0						0	0	0
GOB	44007	0	0						0	0	0
GRANT (Other)	44007	0	0						0	0	0
		0	0						0	0	0
		0	0						0	0	0
FB-SC	47150	0	0						0	0	0
TF (GF)	47150	0	0						0	0	0
TF (TIF)	47150	0	0						0	0	0
LOAN	47150	0	0						0	0	0
FB-UR	47044	0	0						0	0	0
TF (GF)	47044	0	0						0	0	0
TF (TIF)	47044	0	0						0	0	0
SA	47044	0	0						0	0	0
FA	47044	0	0						0	0	0
LOAN	47044	0	0						0	0	0
		0	0						0	0	0
FB-UR	47045	286,000	286,000		34,000	252,000			0	0	0
TF (GF)	47045	0	0						0	0	0
TF (TIF)	47045	0	0						0	0	0
SA	47045	0	0						0	0	0
FA	47045	0	0						0	0	0
LOAN	47045	0	0						0	0	0
SA (MFT)	41017	0	0						0	0	0
SA (IDOT Grant)	41017	0	0						0	0	0
Project Totals:		1,291,376	1,264,680	433,680	579,000	252,000			0	26,696	26,696

Project Description: **POPLAR CAMP BEACH RESTROOM AND CONCESSION STAND REPLACEMENT**

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2014	Estimated Actual Cost for FY 2015	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	14,000	14,000		14,000				0	0	0	
531 Contractual	20,000	20,000		20,000				0	0	0	
Resident Engineering											
540 Eng. Svc. Div.	20,000	20,000			20,000			0	0	0	
541 Contractual	12,000	12,000			12,000			0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	0	0						0	0	0	
565 Contractual	200,000	200,000			200,000			0	0	0	
580 Contingency	20,000	20,000			20,000			0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	286,000	286,000	0	34,000	252,000	0	0	0	0	0	0

Project Funding											
Source Code	Division										
FB-SC	47300	0	0						0	0	0
FB-GR	44007	0	0						0	0	0
TF (GF)	44007	0	0						0	0	0
TF (TIF)	44007	0	0						0	0	0
LGA	44007	0	0						0	0	0
SA	44007	0	0						0	0	0
FA	44007	0	0						0	0	0
LOAN	44007	0	0						0	0	0
GOB	44007	0	0						0	0	0
GRANT (Other)	44007	0	0						0	0	0
		0	0						0	0	0
		0	0						0	0	0
FB-SC	47150	0	0						0	0	0
TF (GF)	47150	0	0						0	0	0
TF (TIF)	47150	0	0						0	0	0
LOAN	47150	0	0						0	0	0
FB-UR	47044	0	0						0	0	0
TF (GF)	47044	0	0						0	0	0
TF (TIF)	47044	0	0						0	0	0
SA	47044	0	0						0	0	0
FA	47044	0	0						0	0	0
LOAN	47044	0	0						0	0	0
		0	0						0	0	0
FB-UR	47045	286,000	286,000		34,000	252,000			0	0	0
TF (GF)	47045	0	0						0	0	0
TF (TIF)	47045	0	0						0	0	0
SA	47045	0	0						0	0	0
FA	47045	0	0						0	0	0
LOAN	47045	0	0						0	0	0
SA (MFT)	41017	0	0						0	0	0
SA (IDOT Grant)	41017	0	0						0	0	0
Project Totals:		286,000	286,000	0	34,000	252,000	0	0	0	0	0

IPE NARRATIVE CIP NO: PB1501

POPLAR CAMP BEACH RESTROOM CONCESSION STAND REPLACEMENT
COMMUNITY INVESTMENT PROGRAM

I. DETAILED DESCRIPTION:

This project includes the construction of new restroom, changing facilities, and concession stand areas at Cedar Lake.

II. PROJECT JUSTIFICATION:

The existing restroom and changing facilities do not meet current Accessibility Standards, as such they need to be upgraded to meet required standards.

Project Description: **CITY HALL/CIVIC CENTER EXTERIOR REPAIRS**

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2014	Estimated Actual Cost for FY 2015	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	1,776	0						0	1,776	1,776	
531 Contractual	12,000	0						0	12,000	12,000	
Resident Engineering											
540 Eng. Svc. Div.	3,320	3,320	3,320					0	0	0	
541 Contractual	6,400	6,400	6,400					0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	0	0						0	0	0	
565 Contractual	130,000	130,000	130,000					0	0	0	
580 Contingency	13,000	13,000	13,000					0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	166,496	152,720	152,720	0	0	0	0	0	13,776	13,776	0

Project Funding											
Source Code	Division										
FB-SC	47300	0	0						0	0	0
FB-GR	44007	166,496	152,720	152,720					0	13,776	13,776
TF (GF)	44007	0	0						0	0	0
TF (TIF)	44007	0	0						0	0	0
LGA	44007	0	0						0	0	0
SA	44007	0	0						0	0	0
FA	44007	0	0						0	0	0
LOAN	44007	0	0						0	0	0
GOB	44007	0	0						0	0	0
GRANT (Other)	44007	0	0						0	0	0
		0	0						0	0	0
		0	0						0	0	0
FB-SC	47150	0	0						0	0	0
TF (GF)	47150	0	0						0	0	0
TF (TIF)	47150	0	0						0	0	0
LOAN	47150	0	0						0	0	0
FB-UR	47044	0	0						0	0	0
TF (GF)	47044	0	0						0	0	0
TF (TIF)	47044	0	0						0	0	0
SA	47044	0	0						0	0	0
FA	47044	0	0						0	0	0
LOAN	47044	0	0						0	0	0
		0	0						0	0	0
FB-UR	47045	0	0						0	0	0
TF (GF)	47045	0	0						0	0	0
TF (TIF)	47045	0	0						0	0	0
SA	47045	0	0						0	0	0
FA	47045	0	0						0	0	0
LOAN	47045	0	0						0	0	0
SA (MFT)	41017	0	0						0	0	0
SA (IDOT Grant)	41017	0	0						0	0	0
Project Totals:		166,496	152,720	152,720	0	0	0	0	0	13,776	13,776

IPE NARRATIVE CIP NO: PB1601

CITY HALL/CIVIC CENTER EXTERIOR REPAIRS

COMMUNITY INVESTMENT PROGRAM

I. DETAILED DESCRIPTION:

The purpose of this project is to repair the water damage to the exterior EFIS archways at the City Hall/Civic Center building.

II. PROJECT JUSTIFICATION:

The City Hall/Civic Center Building was opened in the fall of 1996. The exterior of the building is mostly brick and stone masonry, but the large archways on each side of the building are made of plywood covered by styrofoam insulation and then a sand and mortar top coat. This type of exterior finish is commonly referred to as EFIS or "Dryvit". Water has infiltrated these archways and is causing the EFIS system to fail from the inside out. It is necessary to repair these archways now to avoid very costly repair costs in the future.

Project Description: **MRP STORAGE BUILDING**

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2014	Estimated Actual Cost for FY 2015	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	2,920	0						0	2,920	2,920	
531 Contractual	10,000	0						0	10,000	10,000	
Resident Engineering											
540 Eng. Svc. Div.	3,320	3,320	3,320					0	0	0	
541 Contractual	3,000	3,000	3,000					0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	0	0						0	0	0	
565 Contractual	225,000	225,000	225,000					0	0	0	
580 Contingency	25,000	25,000	25,000					0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	269,240	256,320	256,320	0	0	0	0	0	12,920	12,920	0

Project Funding											
Source Code	Division										
FB-SC	47300	269,240	256,320	256,320					0	12,920	12,920
FB-GR	44007	0	0						0	0	0
TF (GF)	44007	0	0						0	0	0
TF (TIF)	44007	0	0						0	0	0
LGA	44007	0	0						0	0	0
SA	44007	0	0						0	0	0
FA	44007	0	0						0	0	0
LOAN	44007	0	0						0	0	0
GOB	44007	0	0						0	0	0
GRANT (Other)	44007	0	0						0	0	0
		0	0						0	0	0
		0	0						0	0	0
FB-SC	47150	0	0						0	0	0
TF (GF)	47150	0	0						0	0	0
TF (TIF)	47150	0	0						0	0	0
LOAN	47150	0	0						0	0	0
FB-UR	47044	0	0						0	0	0
TF (GF)	47044	0	0						0	0	0
TF (TIF)	47044	0	0						0	0	0
SA	47044	0	0						0	0	0
FA	47044	0	0						0	0	0
LOAN	47044	0	0						0	0	0
		0	0						0	0	0
FB-UR	47045	0	0						0	0	0
TF (GF)	47045	0	0						0	0	0
TF (TIF)	47045	0	0						0	0	0
SA	47045	0	0						0	0	0
FA	47045	0	0						0	0	0
LOAN	47045	0	0						0	0	0
SA (MFT)	41017	0	0						0	0	0
SA (IDOT Grant)	41017	0	0						0	0	0
Project Totals:		269,240	256,320	256,320	0	0	0	0	0	12,920	12,920

IPE NARRATIVE CIP NO: PB1602

MRP STORAGE BUILDING

COMMUNITY INVESTMENT PROGRAM

I. DETAILED DESCRIPTION:

This project consists of constructing an un-conditioned storage building to provide needed storage for City operations.

II. PROJECT JUSTIFICATION:

Multiple City Departments have a need to store items that cannot be stored within their existing facilities. The Municipal Rental Properties division currently has some storage space that is used by the various Departments within the University City Complex on East College Street. As this space is not adequate, and scattered around in multiple buildings, it is proposed to construct a new storage building on City property near Fire Station #1 that can be used for needed storage by various City Departments and Divisions.

Project Description: CITY HALL/CIVIC CENTER ELECTRICAL UPGRADRES AND GENERATORS UPSIZING

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2014	Estimated Actual Cost for FY 2015	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	6,640	6,640	6,640					0	0	0	
531 Contractual	18,000	18,000	18,000					0	0	0	
Resident Engineering											
540 Eng. Svc. Div.	7,000	7,000		7,000				0	0	0	
541 Contractual	10,000	10,000		10,000				0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	0	0						0	0	0	
565 Contractual	480,000	480,000		480,000				0	0	0	
580 Contingency	48,000	48,000		48,000				0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	569,640	569,640	24,640	545,000	0	0	0	0	0	0	0

Project Funding											
Source Code	Division										
FB-SC	47300	0	0						0	0	0
FB-GR	44007	569,640	569,640	24,640	545,000				0	0	0
TF (GF)	44007	0	0						0	0	0
TF (TIF)	44007	0	0						0	0	0
LGA	44007	0	0						0	0	0
SA	44007	0	0						0	0	0
FA	44007	0	0						0	0	0
LOAN	44007	0	0						0	0	0
GOB	44007	0	0						0	0	0
GRANT (Other)	44007	0	0						0	0	0
		0	0						0	0	0
FB-SC	47150	0	0						0	0	0
TF (GF)	47150	0	0						0	0	0
TF (TIF)	47150	0	0						0	0	0
LOAN	47150	0	0						0	0	0
FB-UR	47044	0	0						0	0	0
TF (GF)	47044	0	0						0	0	0
TF (TIF)	47044	0	0						0	0	0
SA	47044	0	0						0	0	0
FA	47044	0	0						0	0	0
LOAN	47044	0	0						0	0	0
		0	0						0	0	0
FB-UR	47045	0	0						0	0	0
TF (GF)	47045	0	0						0	0	0
TF (TIF)	47045	0	0						0	0	0
SA	47045	0	0						0	0	0
FA	47045	0	0						0	0	0
LOAN	47045	0	0						0	0	0
SA (MFT)	41017	0	0						0	0	0
SA (IDOT Grant)	41017	0	0						0	0	0
Project Totals:		569,640	569,640	24,640	545,000	0	0	0	0	0	0

IPE NARRATIVE CIP NO: PB1701

CITY HALL/CIVIC CENTER ELECTRICAL
UPGRADE AND GENERATOR UPSIZING

COMMUNITY INVESTMENT PROGRAM

I. DETAILED DESCRIPTION:

Replace the existing generator and switch gear at the City Hall/Civic Center with a new generator that is capable of providing emergency power to the entire building and mechanical systems.

II. PROJECT JUSTIFICATION:

The existing generator at the City Hall/Civic Center building is only capable of providing basic power to for emergency lights and receptacles in key office areas. It does not provide power to the building HVAC (heating, ventilation, and air conditioning) systems, the elevator, or most offices. As such employees and the general public cannot occupy the building during times of power outages.

FY 2017 FUNDED 5-YEAR COMMUNITY INVESTMENT PROGRAM

PARKING SYSTEM:

PK0701	Parking Lot #8 Phase 2 Construction (700 Block of South Illinois Avenue)
PK1001	Parking Lot #26 Improvements (Interfaith Center)
PK1701	Parking Lot #14 Reconstruction (City Hall/Civic Center)
PK1702	Parking Lot #19 Reconstruction (Washington St., by Veterans Plaza))

Project Description: **SUMMARY OF PROJECTS FOR 5 YEAR CIP**

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	95,420	62,840	39,840	23,000				21,947	10,633	32,580	
531 Contractual	0	0						0	0	0	
Resident Engineering											
540 Eng. Svc. Div.	83,203	59,960	9,960	20,000	30,000			0	23,243	23,243	
541 Contractual	9,500	9,500		5,000	4,500			0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	54,502	0						54,502	0	54,502	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	0	0						0	0	0	
565 Contractual	1,096,390	760,000	125,000	160,000	475,000			0	336,390	336,390	
580 Contingency	89,750	89,750	12,500	16,000	61,250			0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	1,428,765	982,050	187,300	224,000	570,750			76,449	370,266	446,715	

Project Funding											
Source Code	Division										
FB-SC	47300	0	0						0	0	0
FB-GR	44007	0	0						0	0	0
TF (GF)	44007	0	0						0	0	0
TF (TIF)	41401	0	0						0	0	0
LGA	44007	0	0						0	0	0
SA	44007	0	0						0	0	0
FA	44007	0	0						0	0	0
LOAN	44007	0	0						0	0	0
GOB	44007	0	0						0	0	0
GRANT (Other)	44007	0	0						0	0	0
		0	0						0	0	0
		0	0						0	0	0
FB-SC	47150	858,015	411,300	187,300	224,000				76,449	370,266	446,715
TF (GF)	47150	0	0						0	0	0
TF (TIF)	47150	570,750	570,750			570,750			0	0	0
LOAN	47150	0	0						0	0	0
FB-UR	47044	0	0						0	0	0
TF (GF)	47044	0	0						0	0	0
TF (TIF)	47044	0	0						0	0	0
SA	47044	0	0						0	0	0
FA	47044	0	0						0	0	0
LOAN	47044	0	0						0	0	0
		0	0						0	0	0
FB-UR	47045	0	0						0	0	0
TF (GF)	47045	0	0						0	0	0
TF (TIF)	47045	0	0						0	0	0
SA	47045	0	0						0	0	0
FA	47045	0	0						0	0	0
LOAN	47045	0	0						0	0	0
SA (MFT)	41017	0	0						0	0	0
SA (IDOT Grant)	41017	0	0						0	0	0
Project Totals:		1,428,765	982,050	187,300	224,000	570,750			76,449	370,266	446,715

Project Description: PARKING LOT #8 PHASE 2 CONSTRUCTION (700 BLOCK OF S. ILLINOIS AVE)

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	49,180	16,600	16,600					21,947	10,633	32,580	
531 Contractual	0	0						0	0	0	
Resident Engineering											
540 Eng. Svc. Div.	33,193	20,000		20,000				0	13,193	13,193	
541 Contractual	5,000	5,000		5,000				0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	54,502	0						54,502	0	54,502	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	0	0						0	0	0	
565 Contractual	496,390	160,000		160,000				0	336,390	336,390	
580 Contingency	16,000	16,000		16,000				0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	654,265	217,600	16,600	201,000	0	0	0	76,449	360,216	436,665	0

Project Funding												
Source Code	Division											
FB-SC	47300	0	0						0	0	0	
FB-GR	44007	0	0						0	0	0	
TF (GF)	44007	0	0						0	0	0	
TF (TIF)	41401	0	0						0	0	0	
LGA	44007	0	0						0	0	0	
SA	44007	0	0						0	0	0	
FA	44007	0	0						0	0	0	
LOAN	44007	0	0						0	0	0	
GOB	44007	0	0						0	0	0	
GRANT (Other)	44007	0	0						0	0	0	
		0	0						0	0	0	
		0	0						0	0	0	
FB-SC	47150	654,265	217,600	16,600	201,000				76,449	360,216	436,665	
TF (GF)	47150	0	0						0	0	0	
TF (TIF)	47150	0	0						0	0	0	
LOAN	47150	0	0						0	0	0	
FB-UR	47044	0	0						0	0	0	
TF (GF)	47044	0	0						0	0	0	
TF (TIF)	47044	0	0						0	0	0	
SA	47044	0	0						0	0	0	
FA	47044	0	0						0	0	0	
LOAN	47044	0	0						0	0	0	
		0	0						0	0	0	
FB-UR	47045	0	0						0	0	0	
TF (GF)	47045	0	0						0	0	0	
TF (TIF)	47045	0	0						0	0	0	
SA	47045	0	0						0	0	0	
FA	47045	0	0						0	0	0	
LOAN	47045	0	0						0	0	0	
SA (MFT)	41017	0	0						0	0	0	
SA (IDOT Grant)	41017	0	0						0	0	0	
Project Totals:		654,265	217,600	16,600	201,000	0	0	0	76,449	360,216	436,665	0

IPE NARRATIVE CIP NO: PK0701

**PARKING LOT #8 PHASE 2 CONSTRUCTION (700 BLOCK OF S. ILLINOIS AVENUE)
COMMUNITY INVESTMENT PROGRAM**

I. DETAILED DESCRIPTION:

This project includes expanding the existing parking lot onto property that will be purchased from the railroad. This project is located on the west side of the railroad tracks upon property that is currently occupied by Sidetracks. This will complete parking lot #8 and extend it north to College Street.

II. PROJECT JUSTIFICATION:

This parking lot provides additional parking for the downtown businesses and will extend the existing lot #8 northerly to College Street.

Project Description: **PARKING LOT #26 IMPROVEMENTS (INTERFAITH CENTER)**

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
<u>Preliminary Engineering:</u>											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
<u>Design Engineering</u>											
530 Eng. Svc. Div.	0	0						0	0	0	
531 Contractual	0	0						0	0	0	
<u>Resident Engineering</u>											
540 Eng. Svc. Div.	20,010	9,960	9,960					0	10,050	10,050	
541 Contractual	0	0						0	0	0	
<u>Property Acquisition:</u>											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
<u>Construction:</u>											
560 City Labor & Materials	0	0						0	0	0	
565 Contractual	125,000	125,000	125,000					0	0	0	
580 Contingency	12,500	12,500	12,500					0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	157,510	147,460	147,460	0	0	0	0	0	10,050	10,050	0

Project Funding												
Source Code	Division											
FB-SC	47300	0	0						0	0	0	
FB-GR	44007	0	0						0	0	0	
TF (GF)	44007	0	0						0	0	0	
TF (TIF)	44007	0	0						0	0	0	
LGA	44007	0	0						0	0	0	
SA	44007	0	0						0	0	0	
FA	44007	0	0						0	0	0	
LOAN	44007	0	0						0	0	0	
GOB	44007	0	0						0	0	0	
GRANT (Other)	44007	0	0						0	0	0	
		0	0						0	0	0	
		0	0						0	0	0	
FB-SC	47150	157,510	147,460	147,460					0	10,050	10,050	
TF (GF)	47150	0	0						0	0	0	
TF (TIF)	47150	0	0						0	0	0	
LOAN	47150	0	0						0	0	0	
FB-UR	47044	0	0						0	0	0	
TF (GF)	47044	0	0						0	0	0	
TF (TIF)	47044	0	0						0	0	0	
SA	47044	0	0						0	0	0	
FA	47044	0	0						0	0	0	
LOAN	47044	0	0						0	0	0	
		0	0						0	0	0	
FB-UR	47045	0	0						0	0	0	
TF (GF)	47045	0	0						0	0	0	
TF (TIF)	47045	0	0						0	0	0	
SA	47045	0	0						0	0	0	
FA	47045	0	0						0	0	0	
LOAN	47045	0	0						0	0	0	
SA (MFT)	41017	0	0						0	0	0	
SA (IDOT Grant)	41017	0	0				0		0	0	0	
Project Totals:		157,510	147,460	147,460	0	0	0	0	0	10,050	10,050	0

IPE NARRATIVE CIP NO: PK1001

**PARKING LOT #26 IMPROVEMENTS (INTERFAITH CENTER)
COMMUNITY INVESTMENT PROGRAM**

I. DETAILED DESCRIPTION:

This project includes the reconstruction of an existing parking lot located north of Grand Avenue and East of Illinois Avenue, adjacent to the Interfaith Center.

II. PROJECT JUSTIFICATION:

This parking lot was originally constructed in the mid 1990's as a temporary parking lot to meet the immediate needs of adjacent businesses. This parking lot is heavily used and is in poor condition; a permanent and proper parking lot needs to be constructed to adequately serve the needs of the public.

Project Description: PARKING LOT #14 RECONSTRUCTION (CITY HALL/CIVIC CENTER)

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	25,960	25,960	9,960	16,000				0	0	0	
531 Contractual	0	0						0	0	0	
Resident Engineering											
540 Eng. Svc. Div.	15,000	15,000			15,000			0	0	0	
541 Contractual	3,000	3,000			3,000			0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	0	0						0	0	0	
565 Contractual	275,000	275,000			275,000			0	0	0	
580 Contingency	41,250	41,250			41,250			0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	360,210	360,210	9,960	16,000	334,250	0	0	0	0	0	0

Project Funding											
Source Code	Division										
FB-SC	47300	0	0						0	0	0
FB-GR	44007	0	0						0	0	0
TF (GF)	44007	0	0						0	0	0
TF (TIF)	41401	0	0						0	0	0
LGA	44007	0	0						0	0	0
SA	44007	0	0						0	0	0
FA	44007	0	0						0	0	0
LOAN	44007	0	0						0	0	0
GOB	44007	0	0						0	0	0
GRANT (Other)	44007	0	0						0	0	0
		0	0						0	0	0
		0	0						0	0	0
FB-SC	47150	25,960	25,960	9,960	16,000				0	0	0
TF (GF)	47150	0	0						0	0	0
TF (TIF)	47150	334,250	334,250			334,250			0	0	0
LOAN	47150	0	0						0	0	0
FB-UR	47044	0	0						0	0	0
TF (GF)	47044	0	0						0	0	0
TF (TIF)	47044	0	0						0	0	0
SA	47044	0	0						0	0	0
FA	47044	0	0						0	0	0
LOAN	47044	0	0						0	0	0
		0	0						0	0	0
FB-UR	47045	0	0						0	0	0
TF (GF)	47045	0	0						0	0	0
TF (TIF)	47045	0	0						0	0	0
SA	47045	0	0						0	0	0
FA	47045	0	0						0	0	0
LOAN	47045	0	0						0	0	0
SA (MFT)	41017	0	0						0	0	0
SA (IDOT Grant)	41017	0	0						0	0	0
Project Totals:		360,210	360,210	9,960	16,000	334,250	0	0	0	0	0

IPE NARRATIVE CIP NO: PK1701

PARKING LOT #14 RECONSTRUCTION
(CITY HALL/CIVIC CENTER)
COMMUNITY INVESTMENT PROGRAM

I. DETAILED DESCRIPTION:

This project will reconstruct the existing parking lot to improve parking lot flow and circulation and help alleviate cut-through traffic. The new parking lot will more accurately and specifically delineate city vehicle and employee parking verses visitor parking. It will also include a concrete surface which is more durable and requires less maintenance.

II. PROJECT JUSTIFICATION:

The existing City Hall/Civic Center Parking lot is in need reconfiguration and reconstruction to improve safety and access to the City Hall/Civic Center building.

Project Description: PARKING LOT #19 RECONSTRUCTION (WASHINGTON ST. BY VETERANS PLAZA)

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	20,280	20,280	13,280	7,000				0	0	0	
531 Contractual	0	0						0	0	0	
Resident Engineering											
540 Eng. Svc. Div.	15,000	15,000			15,000			0	0	0	
541 Contractual	1,500	1,500			1,500			0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	0	0						0	0	0	
565 Contractual	200,000	200,000			200,000			0	0	0	
580 Contingency	20,000	20,000			20,000			0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	256,780	256,780	13,280	7,000	236,500	0	0	0	0	0	0

Project Funding											
Source Code	Division										
FB-SC	47300	0	0						0	0	0
FB-GR	44007	0	0						0	0	0
TF (GF)	44007	0	0						0	0	0
TF (TIF)	41401	0	0						0	0	0
LGA	44007	0	0						0	0	0
SA	44007	0	0						0	0	0
FA	44007	0	0						0	0	0
LOAN	44007	0	0						0	0	0
GOB	44007	0	0						0	0	0
GRANT (Other)	44007	0	0						0	0	0
		0	0						0	0	0
		0	0						0	0	0
FB-SC	47150	20,280	20,280	13,280	7,000				0	0	0
TF (GF)	47150	0	0						0	0	0
TF (TIF)	47150	236,500	236,500		236,500				0	0	0
LOAN	47150	0	0						0	0	0
FB-UR	47044	0	0						0	0	0
TF (GF)	47044	0	0						0	0	0
TF (TIF)	47044	0	0						0	0	0
SA	47044	0	0						0	0	0
FA	47044	0	0						0	0	0
LOAN	47044	0	0						0	0	0
		0	0						0	0	0
FB-UR	47045	0	0						0	0	0
TF (GF)	47045	0	0						0	0	0
TF (TIF)	47045	0	0						0	0	0
SA	47045	0	0						0	0	0
FA	47045	0	0						0	0	0
LOAN	47045	0	0						0	0	0
SA (MFT)	41017	0	0						0	0	0
SA (IDOT Grant)	41017	0	0						0	0	0
Project Totals:		256,780	256,780	13,280	7,000	236,500	0	0	0	0	0

IPE NARRATIVE CIP NO: PK1702

PARKING LOT #19 RECONSTRUCTION
(WASHINGTON STREET BY VETERANS PLAZA)
COMMUNITY INVESTMENT PROGRAM

I. DETAILED DESCRIPTION:

This project will reconstruct the existing parking lot to improve parking lot flow and circulation. The reconstructed parking lot will be much more aesthetically pleasing and will include a concrete surface which is more durable and requires less maintenance.

II. PROJECT JUSTIFICATION:

The existing parking lot is failing and in need of reconstruction and reconfiguration.

FY 2016 FUNDED 5-YEAR COMMUNITY INVESTMENT PROGRAM

SANITARY SEWERS:

SA0106	East/West Sanitary Sewer between Schwartz Street & College Street (West of Oakland Avenue)
SA0901	Sanitary Sewer Rehabilitation Program
SA1301	Sanitary Sewer Inflow and Infiltration Study
SA1302	Haake Jenkins Sanitary Sewer
SA1501	Oak Street - Poplar Street to Wall Street Sanitary Sewer Upgrade
SA1601	SEWWTP Inceptor Sewer Extension (Park Street to Pleasant Hill Road)

Project Description: SUMMARY OF PROJECTS FOR 5 YEAR CIP

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	281,646	178,280	19,920	59,360	37,000	25,000	37,000	53,528	49,838	103,366	
531 Contractual	1,461,508	948,000	430,000	168,000	100,000	150,000	100,000	288,134	225,374	513,508	
Resident Engineering											
540 Eng. Svc. Div.	305,521	243,220	28,220	80,000	67,000	25,000	43,000	39,169	23,132	62,301	
541 Contractual	0	0						0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	127,700	125,000	25,000		50,000		50,000	2,700	0	2,700	
565 Contractual	5,270,063	4,420,000	375,000	1,520,000	1,225,000	500,000	800,000	568,058	282,005	850,063	
580 Contingency	215,000	215,000	7,500	92,500	65,000	50,000		0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	7,661,438	6,129,500	885,640	1,919,860	1,544,000	750,000	1,030,000	951,589	580,349	1,531,938	

Project Funding											
Source Code	Division										
FB-SC	47300	0	0						0	0	0
FB-GR	44007	0	0						0	0	0
TF (GF)	44007	0	0						0	0	0
TF (TIF)	44007	0	0						0	0	0
LGA	44007	0	0						0	0	0
SA	44007	0	0						0	0	0
FA	44007	0	0						0	0	0
LOAN	44007	0	0						0	0	0
GOB	44007	0	0						0	0	0
GRANT (Other)	44007	0	0						0	0	0
		0	0						0	0	0
		0	0						0	0	0
FB-SC	47150	0	0						0	0	0
TF (GF)	47150	0	0						0	0	0
TF (TIF)	47150	0	0						0	0	0
LOAN	47150	0	0						0	0	0
FB-UR	47044	7,661,438	6,129,500	885,640	1,919,860	1,544,000	750,000	1,030,000	951,589	580,349	1,531,938
TF (GF)	47044	0	0						0	0	0
TF (TIF)	47044	0	0						0	0	0
SA	47044	0	0						0	0	0
FA	47044	0	0						0	0	0
LOAN	47044	0	0						0	0	0
		0	0						0	0	0
FB-UR	47045	0	0						0	0	0
TF (GF)	47045	0	0						0	0	0
TF (TIF)	47045	0	0						0	0	0
SA	47045	0	0						0	0	0
FA	47045	0	0						0	0	0
LOAN	47045	0	0						0	0	0
SA (MFT)	41017	0	0						0	0	0
SA (IDOT Grant)	41017	0	0						0	0	0
Project Totals:		7,661,438	6,129,500	885,640	1,919,860	1,544,000	750,000	1,030,000	951,589	580,349	1,531,938

Project Description: EAST/WEST SANITARY SEWER BTW SCHWARTZ AND COLLEGE (W. OF OAKLAND)

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	12,000	12,000		12,000				0	0	0	
531 Contractual	0	0						0	0	0	
Resident Engineering											
540 Eng. Svc. Div.	12,000	12,000		12,000				0	0	0	
541 Contractual	0	0						0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	0	0						0	0	0	
565 Contractual	120,000	120,000		120,000				0	0	0	
580 Contingency	0	0						0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	144,000	144,000	0	144,000	0	0	0	0	0	0	0

Project Funding											
Source Code	Division										
FB-SC	47300	0	0						0	0	0
FB-GR	44007	0	0						0	0	0
TF (GF)	44007	0	0						0	0	0
TF (TIF)	44007	0	0						0	0	0
LGA	44007	0	0						0	0	0
SA	44007	0	0						0	0	0
FA	44007	0	0						0	0	0
LOAN	44007	0	0						0	0	0
GOB	44007	0	0						0	0	0
GRANT (Other)	44007	0	0						0	0	0
		0	0						0	0	0
		0	0						0	0	0
FB-SC	47150	0	0						0	0	0
TF (GF)	47150	0	0						0	0	0
TF (TIF)	47150	0	0						0	0	0
LOAN	47150	0	0						0	0	0
FB-UR	47044	144,000	144,000		144,000				0	0	0
TF (GF)	47044	0	0						0	0	0
TF (TIF)	47044	0	0						0	0	0
SA	47044	0	0						0	0	0
FA	47044	0	0						0	0	0
LOAN	47044	0	0						0	0	0
		0	0						0	0	0
FB-UR	47045	0	0						0	0	0
TF (GF)	47045	0	0						0	0	0
TF (TIF)	47045	0	0						0	0	0
SA	47045	0	0						0	0	0
FA	47045	0	0						0	0	0
LOAN	47045	0	0						0	0	0
SA (MFT)	41017	0	0						0	0	0
SA (IDOT Grant)	41017	0	0						0	0	0
Project Totals:		144,000	144,000	0	144,000	0	0	0	0	0	0

IPE NARRATIVE CIP NO: SA0106

EAST/WEST SANITARY SEWER
(BETWEEN SCHWARTZ STREET AND COLLEGE STREET)

COMMUNITY INVESTMENT PROGRAM

I. DETAILED DESCRIPTION:

Replace existing 8" sanitary sewer west of Oakland Avenue between Schwartz Street and College Street.

II. PROJECT JUSTIFICATION:

Existing 8" sanitary sewer in need of repair and replacement.

Project Description: SANITARY SEWER REHABILITATION PROGRAM

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	117,513	99,640	6,640	18,000	25,000	25,000	25,000	14,860	3,013	17,873	
531 Contractual	375,000	375,000	150,000	75,000		150,000		0	0	0	
Resident Engineering											
540 Eng. Svc. Div.	208,581	146,280	13,280	28,000	40,000	25,000	40,000	39,169	23,132	62,301	
541 Contractual	0	0						0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	2,700	0						2,700	0	2,700	
565 Contractual	3,800,063	2,950,000	300,000	550,000	800,000	500,000	800,000	568,058	282,005	850,063	
580 Contingency	100,000	100,000		50,000		50,000		0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	4,603,857	3,670,920	469,920	721,000	865,000	750,000	865,000	624,787	308,150	932,937	0

Project Funding												
Source Code	Division											
FB-SC	47300	0	0						0	0	0	
FB-GR	44007	0	0						0	0	0	
TF (GF)	44007	0	0						0	0	0	
TF (TIF)	44007	0	0						0	0	0	
LGA	44007	0	0						0	0	0	
SA	44007	0	0						0	0	0	
FA	44007	0	0						0	0	0	
LOAN	44007	0	0						0	0	0	
GOB	44007	0	0						0	0	0	
GRANT (Other)	44007	0	0						0	0	0	
		0	0						0	0	0	
		0	0						0	0	0	
FB-SC	47150	0	0						0	0	0	
TF (GF)	47150	0	0						0	0	0	
TF (TIF)	47150	0	0						0	0	0	
LOAN	47150	0	0						0	0	0	
FB-UR	47044	4,603,857	3,670,920	469,920	721,000	865,000	750,000	865,000	624,787	308,150	932,937	
TF (GF)	47044	0	0						0	0	0	
TF (TIF)	47044	0	0						0	0	0	
SA	47044	0	0						0	0	0	
FA	47044	0	0						0	0	0	
LOAN	47044	0	0						0	0	0	
		0	0						0	0	0	
FB-UR	47045	0	0						0	0	0	
TF (GF)	47045	0	0						0	0	0	
TF (TIF)	47045	0	0						0	0	0	
SA	47045	0	0						0	0	0	
FA	47045	0	0						0	0	0	
LOAN	47045	0	0						0	0	0	
SA (MFT)	41017	0	0						0	0	0	
SA (IDOT Grant)	41017	0	0						0	0	0	
Project Totals:		4,603,857	3,670,920	469,920	721,000	865,000	750,000	865,000	624,787	308,150	932,937	0

IPE NARRATIVE CIP NO. SA0901

SANITARY SEWER REHABILITATION PROGRAM

COMMUNITY INVESTMENT PROGRAM

I. DETAILED DESCRIPTION:

Annual Sewer Rehabilitation Program to maintain and improve the integrity of the sewer system and repair problem areas. The early years of this program (primarily through FY2019) will concentrate on manhole lining with the later years of this project focusing on sanitary sewer lining and repairs.

II. PROJECT JUSTIFICATION:

Many sewers are in need of repair to improve pipe condition and reduce infiltration and inflow. In addition, the program would reduce blockage in the sewer lines causing customer problems and possible damage to homes.

Project Description: SANITARY SEWER INFLOW AND INFILTRATION STUDY

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	64,796	36,640	6,640	6,000	12,000		12,000	22,906	5,250	28,156	
531 Contractual	1,048,715	555,000	280,000	75,000	100,000		100,000	268,341	225,374	493,715	
Resident Engineering											
540 Eng. Svc. Div.	9,320	9,320	3,320		3,000		3,000	0	0	0	
541 Contractual	0	0						0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	125,000	125,000	25,000		50,000		50,000	0	0	0	
565 Contractual	0	0						0	0	0	
580 Contingency	0	0						0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	1,247,831	725,960	314,960	81,000	165,000	0	165,000	291,247	230,624	521,871	0

Project Funding												
Source Code	Division											
FB-SC	47300	0	0					0	0	0		
FB-GR	44007	0	0					0	0	0		
TF (GF)	44007	0	0					0	0	0		
TF (TIF)	44007	0	0					0	0	0		
LGA	44007	0	0					0	0	0		
SA	44007	0	0					0	0	0		
FA	44007	0	0					0	0	0		
LOAN	44007	0	0					0	0	0		
GOB	44007	0	0					0	0	0		
GRANT (Other)	44007	0	0					0	0	0		
		0	0					0	0	0		
FB-SC	47150	0	0					0	0	0		
TF (GF)	47150	0	0					0	0	0		
TF (TIF)	47150	0	0					0	0	0		
LOAN	47150	0	0					0	0	0		
FB-UR	47044	1,247,831	725,960	314,960	81,000	165,000	165,000	291,247	230,624	521,871		
TF (GF)	47044	0	0					0	0	0		
TF (TIF)	47044	0	0					0	0	0		
SA	47044	0	0					0	0	0		
FA	47044	0	0					0	0	0		
LOAN	47044	0	0					0	0	0		
		0	0					0	0	0		
FB-UR	47045	0	0					0	0	0		
TF (GF)	47045	0	0					0	0	0		
TF (TIF)	47045	0	0					0	0	0		
SA	47045	0	0					0	0	0		
FA	47045	0	0					0	0	0		
LOAN	47045	0	0					0	0	0		
SA (MFT)	41017	0	0					0	0	0		
SA (IDOT Grant)	41017	0	0					0	0	0		
Project Totals:		1,247,831	725,960	314,960	81,000	165,000	0	165,000	291,247	230,624	521,871	0

IPE NARRATIVE CIP NO. SA1301

SANITARY SEWER INFLOW AND INFILTRATION STUDY

COMMUNITY INVESTMENT PROGRAM

I. DETAILED DESCRIPTION:

Evaluate the City's Sanitary Sewer system to identify and correct sources of inflow and infiltration.

FY 2017 will be the fifth (5th) consecutive year of this study. In FY2017 the majority of smoke testing and manhole inspections are expected to be completed, leaving only a few smaller basins for later years.

Southern Illinois University's (SIU) sanitary sewer system is tributary to the City's System and constitutes approximately 14% of the overall sanitary sewer system in the City. As SIU's sanitary sewer system is private, smoke testing and inspection will not be performed; however outflows analysis will be conducted to determine if significant inflow and infiltration exist within the SIU sanitary sewer system.

II. PROJECT JUSTIFICATION:

The City's two wastewater treatment plants experience significant flow increases during rain events. These increases in flow are a direct result of rain and storm runoff waters entering the sanitary sewer system. An ongoing sanitary sewer inflow and infiltration study will aid the City in identifying major sources of inflow and infiltration and allow them to be corrected thereby reducing operating costs for the wastewater treatment plants.

Project Description: HAAKE JENKINS SANITARY SEWER

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	9,362	0						4,671	4,691	9,362	
531 Contractual	0	0						0	0	0	
Resident Engineering											
540 Eng. Svc. Div.	4,980	4,980	4,980					0	0	0	
541 Contractual	0	0						0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	0	0						0	0	0	
565 Contractual	75,000	75,000	75,000					0	0	0	
580 Contingency	7,500	7,500	7,500					0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	96,842	87,480	87,480	0	0	0	0	4,671	4,691	9,362	0

Project Funding												
Source Code	Division											
FB-SC	47300	0	0						0	0	0	
FB-GR	44007	0	0						0	0	0	
TF (GF)	44007	0	0						0	0	0	
TF (TIF)	44007	0	0						0	0	0	
LGA	44007	0	0						0	0	0	
SA	44007	0	0						0	0	0	
FA	44007	0	0						0	0	0	
LOAN	44007	0	0						0	0	0	
GOB	44007	0	0						0	0	0	
GRANT (Other)	44007	0	0						0	0	0	
		0	0						0	0	0	
		0	0						0	0	0	
FB-SC	47150	0	0						0	0	0	
TF (GF)	47150	0	0						0	0	0	
TF (TIF)	47150	0	0						0	0	0	
LOAN	47150	0	0						0	0	0	
FB-UR	47044	96,842	87,480	87,480					4,671	4,691	9,362	
TF (GF)	47044	0	0						0	0	0	
TF (TIF)	47044	0	0						0	0	0	
SA	47044	0	0						0	0	0	
FA	47044	0	0						0	0	0	
LOAN	47044	0	0						0	0	0	
		0	0						0	0	0	
FB-UR	47045	0	0						0	0	0	
TF (GF)	47045	0	0						0	0	0	
TF (TIF)	47045	0	0						0	0	0	
SA	47045	0	0						0	0	0	
FA	47045	0	0						0	0	0	
LOAN	47045	0	0						0	0	0	
SA (MFT)	41017	0	0						0	0	0	
SA (IDOT Grant)	41017	0	0						0	0	0	
Project Totals:		96,842	87,480	87,480	0	0	0	0	4,671	4,691	9,362	0

IPE NARRATIVE CIP NO. SA1302

HAAKE JENKINS SANITARY SEWER

COMMUNITY INVESTMENT PROGRAM

I. DETAILED DESCRIPTION:

Install approximately 800 feet of gravity sanitary sewer to eliminate the Haake Jenkins Lift Station.

This project has been in the works for a couple of years as it is necessary for private easements to be secured prior to design being completed. Staff is working with the property owner(s) and hopes to have easements secured in the spring of 2015.

II. PROJECT JUSTIFICATION:

The Haake Jenkins lift station is in need of extensive rehabilitation, including the installation of new pumps, piping, rails and control systems. Staff has concluded that this lift station can be eliminated by installing gravity sewer to the existing and neighboring Golf Course lift station. This will eliminate ongoing electrical and maintenances costs associated with the operation of the Haake Jenkins lift station.

Project Description: OAK STREET - POPLAR STREET TO WALL STREET SANITARY SEWER UPGRADE

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	35,792	6,640	6,640					11,091	18,061	29,152	
531 Contractual	19,793	0						19,793	0	19,793	
Resident Engineering											
540 Eng. Svc. Div.	46,640	46,640	6,640	40,000				0	0	0	
541 Contractual	0	0						0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	0	0						0	0	0	
565 Contractual	850,000	850,000		850,000				0	0	0	
580 Contingency	42,500	42,500		42,500				0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	994,725	945,780	13,280	932,500	0	0	0	30,884	18,061	48,945	0

Project Funding											
Source Code	Division										
FB-SC	47300	0	0						0	0	0
FB-GR	44007	0	0						0	0	0
TF (GF)	44007	0	0						0	0	0
TF (TIF)	44007	0	0						0	0	0
LGA	44007	0	0						0	0	0
SA	44007	0	0						0	0	0
FA	44007	0	0						0	0	0
LOAN	44007	0	0						0	0	0
GOB	44007	0	0						0	0	0
GRANT (Other)	44007	0	0						0	0	0
		0	0						0	0	0
FB-SC	47150	0	0						0	0	0
TF (GF)	47150	0	0						0	0	0
TF (TIF)	47150	0	0						0	0	0
LOAN	47150	0	0						0	0	0
FB-UR	47044	994,725	945,780	13,280	932,500				30,884	18,061	48,945
TF (GF)	47044	0	0						0	0	0
TF (TIF)	47044	0	0						0	0	0
SA	47044	0	0						0	0	0
FA	47044	0	0						0	0	0
LOAN	47044	0	0						0	0	0
		0	0						0	0	0
FB-UR	47045	0	0						0	0	0
TF (GF)	47045	0	0						0	0	0
TF (TIF)	47045	0	0						0	0	0
SA	47045	0	0						0	0	0
FA	47045	0	0						0	0	0
LOAN	47045	0	0						0	0	0
SA (MFT)	41017	0	0						0	0	0
SA (IDOT Grant)	41017	0	0						0	0	0
Project Totals:		994,725	945,780	13,280	932,500	0	0	0	30,884	18,061	48,945

IPE NARRATIVE CIP NO. SA1501

OAK STREET – POPLAR STREET TO WALL STREET SANITARY SEWER UPGRADE
COMMUNITY INVESTMENT PROGRAM

I. DETAILED DESCRIPTION:

Replace the aging sanitary sewer along Oak Street from Poplar to Wall

II. PROJECT JUSTIFICATION:

The expansion of Memorial Hospital continues to add load to the City's sanitary sewer infrastructure. The existing sewer that serves the hospital complex is nearing capacity and needs to be replaced to insure is continued adequacy.

Project Description: SEWWTP INTERCEPTOR SEWER EXTENSION (PARK ST. TO PLEASANT HILL ROAD)

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	42,183	23,360		23,360				0	18,823	18,823	
531 Contractual	18,000	18,000		18,000				0	0	0	
Resident Engineering											
540 Eng. Svc. Div.	24,000	24,000			24,000			0	0	0	
541 Contractual	0	0						0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	0	0						0	0	0	
565 Contractual	425,000	425,000			425,000			0	0	0	
580 Contingency	65,000	65,000			65,000			0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	574,183	555,360	0	41,360	514,000	0	0	0	18,823	18,823	0

Project Funding											
Source Code	Division										
FB-SC	47300	0	0					0	0	0	
FB-GR	44007	0	0					0	0	0	
TF (GF)	44007	0	0					0	0	0	
TF (TIF)	44007	0	0					0	0	0	
LGA	44007	0	0					0	0	0	
SA	44007	0	0					0	0	0	
FA	44007	0	0					0	0	0	
LOAN	44007	0	0					0	0	0	
GOB	44007	0	0					0	0	0	
GRANT (Other)	44007	0	0					0	0	0	
		0	0					0	0	0	
		0	0					0	0	0	
FB-SC	47150	0	0					0	0	0	
TF (GF)	47150	0	0					0	0	0	
TF (TIF)	47150	0	0					0	0	0	
LOAN	47150	0	0					0	0	0	
FB-UR	47044	574,183	555,360		41,360	514,000		0	18,823	18,823	
TF (GF)	47044	0	0					0	0	0	
TF (TIF)	47044	0	0					0	0	0	
SA	47044	0	0					0	0	0	
FA	47044	0	0					0	0	0	
LOAN	47044	0	0					0	0	0	
		0	0					0	0	0	
FB-UR	47045	0	0					0	0	0	
TF (GF)	47045	0	0					0	0	0	
TF (TIF)	47045	0	0					0	0	0	
SA	47045	0	0					0	0	0	
FA	47045	0	0					0	0	0	
LOAN	47045	0	0					0	0	0	
SA (MFT)	41017	0	0					0	0	0	
SA (IDOT Grant)	41017	0	0					0	0	0	
Project Totals:		574,183	555,360	0	41,360	514,000	0	0	18,823	18,823	0

IPE NARRATIVE CIP NO. SA1601

SEWWTP INCEPTOR SEWER EXTENSION (PARK STREET TO PLEASANT HILL ROAD)

COMMUNITY INVESTMENT PROGRAM

I. DETAILED DESCRIPTION:

This project includes the extension of the SEWWTP Interceptor Sewer from the intersection of Park Street at Wall Street through SIU Campus to U.S. Highway 51 at Pleasant Hill Road. This project will consist of approximately 2,900 feet of sanitary sewer.

II. PROJECT JUSTIFICATION:

Over the last decade there have been some significant housing developments in the Grand Avenue, Park Street, and South 51 areas. These developments have significantly increased the demand on the sanitary sewers that serve these areas. Currently the City's SEWWTP Interceptor Sewer terminates near the old water treatment plant at the corner of Park Street and Wall Street. From this point south, across SIU Campus, the sewer is of small diameter and needs to be upsized in order to adequately handle the developments tributary to the sewer.

FY 2017 FUNDED 5-YEAR COMMUNITY INVESTMENT PROGRAM

SPECIAL PROJECTS:

SP0901	Creating Community Entryways to the Community
SP0904	Illinois Avenue Streetscape Improvements
SP1002	Multimodal Transportation Center
SP1702	Safety Improvements to Railroad Crossing to Allow Carbondale a Railroad Quite Zone
SP1703	East College Street at Illinois Central Railroad Tracks Improvements
SP1704	East Grand Avenue at Illinois Central Railroad Tracks Improvements
SP1705	Horizon Inn Demolition

Project Description: **SUMMARY OF PROJECTS FOR 5 YEAR CIP**

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	193,100	190,140	43,140	81,000	36,000	30,000		0	2,960	2,960	
531 Contractual	1,507,000	1,475,000	200,000	875,000	325,000	75,000		0	32,000	32,000	
Resident Engineering											
540 Eng. Svc. Div.	313,940	313,940	9,940	32,000	147,000	80,000	45,000	0	0	0	
541 Contractual	164,000	164,000		7,000	95,000	47,000	15,000	0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	5,000	5,000		5,000				0	0	0	
552 Legal Svc. Div.	5,000	5,000		5,000				0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	520,000	520,000		520,000				0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	15,000	15,000		5,000	10,000			0	0	0	
565 Contractual	16,995,400	16,963,400	638,400	385,000	9,840,000	5,350,000	750,000	0	32,000	32,000	
580 Contingency	1,641,000	1,641,000	25,000	31,000	975,000	535,000	75,000	0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	21,359,440	21,292,480	916,480	1,946,000	11,428,000	6,117,000	885,000	0	66,960	66,960	

Project Funding											
Source Code	Division										
FB-SC	47300	0	0						0	0	0
FB-GR	44007	2,838,064	2,800,880	854,880	818,000	1,128,000			0	37,184	37,184
TF (GF)	44007	1,030,000	1,030,000			1,030,000			0	0	0
TF (TIF)	41401	0	0						0	0	0
TF (TIF)	41501	3,589,776	3,560,000			1,030,000	1,645,000	885,000	0	29,776	29,776
SA	44007	0	0						0	0	0
FA	44007	0	0						0	0	0
LOAN	44007	0	0						0	0	0
GOB	44007	0	0						0	0	0
GRANT (Other)	44007	13,840,000	13,840,000		1,128,000	8,240,000	4,472,000		0	0	0
		0	0						0	0	0
		0	0						0	0	0
FB-SC	47150	0	0						0	0	0
TF (GF)	47150	0	0						0	0	0
TF (TIF)	47150	0	0						0	0	0
LOAN	47150	0	0						0	0	0
FB-UR	47044	0	0						0	0	0
TF (GF)	47044	0	0						0	0	0
TF (TIF)	47044	0	0						0	0	0
SA	47044	0	0						0	0	0
FA	47044	0	0						0	0	0
LOAN	47044	0	0						0	0	0
		0	0						0	0	0
FB-UR	47045	0	0						0	0	0
TF (GF)	47045	0	0						0	0	0
TF (TIF)	47045	0	0						0	0	0
SA	47045	0	0						0	0	0
FA	47045	0	0						0	0	0
LOAN	47045	0	0						0	0	0
SA (MFT)	41017	61,600	61,600	61,600					0	0	0
SA (IDOT Grant)	41017	0	0						0	0	0
Project Totals:		21,359,440	21,292,480	916,480	1,946,000	11,428,000	6,117,000	885,000	0	66,960	66,960

Project Description: CREATING ENTRYWAYS INTO THE COMMUNITY

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	4,844	3,660	1,660	1,000	1,000			0	1,184	1,184	
531 Contractual	4,000	0						0	4,000	4,000	
Resident Engineering											
540 Eng. Svc. Div.	4,000	4,000		2,000	2,000			0	0	0	
541 Contractual	0	0						0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	15,000	15,000		5,000	10,000			0	0	0	
565 Contractual	197,000	165,000	30,000	45,000	90,000			0	32,000	32,000	
580 Contingency	0	0						0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	224,844	187,660	31,660	53,000	103,000	0	0	0	37,184	37,184	0

Project Funding											
Source Code	Division										
FB-SC	47300	0	0						0	0	0
FB-GR	44007	224,844	187,660	31,660	53,000	103,000			0	37,184	37,184
TF (GF)	44007	0	0						0	0	0
TF (TIF)	41401	0	0						0	0	0
TF (TIF)	41501	0	0						0	0	0
SA	44007	0	0						0	0	0
FA	44007	0	0						0	0	0
LOAN	44007	0	0						0	0	0
GOB	44007	0	0						0	0	0
GRANT (Other)	44007	0	0						0	0	0
		0	0						0	0	0
		0	0						0	0	0
FB-SC	47150	0	0						0	0	0
TF (GF)	47150	0	0						0	0	0
TF (TIF)	47150	0	0						0	0	0
LOAN	47150	0	0						0	0	0
FB-UR	47044	0	0						0	0	0
TF (GF)	47044	0	0						0	0	0
TF (TIF)	47044	0	0						0	0	0
SA	47044	0	0						0	0	0
FA	47044	0	0						0	0	0
LOAN	47044	0	0						0	0	0
		0	0						0	0	0
FB-UR	47045	0	0						0	0	0
TF (GF)	47045	0	0						0	0	0
TF (TIF)	47045	0	0						0	0	0
SA	47045	0	0						0	0	0
FA	47045	0	0						0	0	0
LOAN	47045	0	0						0	0	0
SA (MFT)	41017	0	0						0	0	0
SA (IDOT Grant)	41017	0	0						0	0	0
Project Totals:		224,844	187,660	31,660	53,000	103,000	0	0	0	37,184	37,184

IPE NARRATIVE CIP NO: SP0901

CREATING COMMUNITY ENTRYWAYS
CAPITAL IMPROVEMENTS PROGRAM

I. DETAILED DESCRIPTION:

New masonry monument style signs, similar to those at the entryways to campus, will be installed on the four (4) major entrances to the City. These signs will be elevated above the natural grade and positioned to provide ample view from passing vehicles. The new signs will also include sustainable landscaping and ground mounted lighting. These new masonry monument style signs will boldly state "Welcome to Carbondale" with the sub-text of "Home of Southern Illinois University". The installation of these signs will be a cooperative project with Southern Illinois University.

II. PROJECT JUSTIFICATION:

Southern Illinois University recently completed the construction of monument signs and landscaped entryways into the university. Creating similar signs and entryways on major corridors into the City will improve the aesthetic appeal and provide a coordinated look and feel between the City and University.

Project Description: ILLINOIS AVENUE STREETScape IMPROVEMENTS

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	88,280	88,280	13,280	30,000	15,000	30,000		0	0	0	
531 Contractual	425,000	425,000	150,000	75,000	125,000	75,000		0	0	0	
Resident Engineering											
540 Eng. Svc. Div.	150,000	150,000		30,000	45,000	30,000	45,000	0	0	0	
541 Contractual	44,000	44,000		7,000	15,000	7,000	15,000	0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	0	0						0	0	0	
565 Contractual	2,185,000	2,185,000	25,000	310,000	750,000	350,000	750,000	0	0	0	
580 Contingency	216,000	216,000		31,000	75,000	35,000	75,000	0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	3,108,280	3,108,280	188,280	483,000	1,025,000	527,000	885,000	0	0	0	0

Project Funding											
Source Code	Division										
FB-SC	47300	0	0						0	0	0
FB-GR	44007	1,696,280	1,696,280	188,280	483,000	1,025,000			0	0	0
TF (GF)	44007	0	0						0	0	0
TF (TIF)	41401	0	0						0	0	0
TF (TIF)	41501	1,412,000	1,412,000				527,000	885,000	0	0	0
SA	44007	0	0						0	0	0
FA	44007	0	0						0	0	0
LOAN	44007	0	0						0	0	0
GOB	44007	0	0						0	0	0
GRANT (Other)	44007	0	0						0	0	0
		0	0						0	0	0
		0	0						0	0	0
FB-SC	47150	0	0						0	0	0
TF (GF)	47150	0	0						0	0	0
TF (TIF)	47150	0	0						0	0	0
LOAN	47150	0	0						0	0	0
FB-UR	47044	0	0						0	0	0
TF (GF)	47044	0	0						0	0	0
TF (TIF)	47044	0	0						0	0	0
SA	47044	0	0						0	0	0
FA	47044	0	0						0	0	0
LOAN	47044	0	0						0	0	0
		0	0						0	0	0
FB-UR	47045	0	0						0	0	0
TF (GF)	47045	0	0						0	0	0
TF (TIF)	47045	0	0						0	0	0
SA	47045	0	0						0	0	0
FA	47045	0	0						0	0	0
LOAN	47045	0	0						0	0	0
SA (MFT)	41017	0	0						0	0	0
SA (IDOT Grant)	41017	0	0						0	0	0
Project Totals:		3,108,280	3,108,280	188,280	483,000	1,025,000	527,000	885,000	0	0	0

IPE NARRATIVE CIP NO: SP0904

ILLINOIS AVENUE STREETScape IMPROVEMENTS
CAPITAL IMPROVEMENTS PROGRAM

I. DETAILED DESCRIPTION:

The first phase of this project will include the relocation of overhead utility lines and installation of new on street lighting along Illinois Avenue from Mill Street to Cherry Street.

II. PROJECT JUSTIFICATION:

The downtown plan was just recently completed; this project will help achieve some of the plan goals by relocating the overhead utility lines off of Illinois Avenue and installing new lighting and street scape elements throughout the downtown.

Project Description: MULTIMODAL TRANSPORTATION CENTER

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	76,756	74,980	4,980	50,000	20,000			0	1,776	1,776	
531 Contractual	1,078,000	1,050,000	50,000	800,000	200,000			0	28,000	28,000	
Resident Engineering											
540 Eng. Svc. Div.	150,000	150,000			100,000	50,000		0	0	0	
541 Contractual	120,000	120,000			80,000	40,000		0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	5,000	5,000		5,000				0	0	0	
552 Legal Svc. Div.	5,000	5,000		5,000				0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	520,000	520,000		520,000				0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	0	0						0	0	0	
565 Contractual	14,030,000	14,030,000		30,000	9,000,000	5,000,000		0	0	0	
580 Contingency	1,400,000	1,400,000			900,000	500,000		0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	17,384,756	17,354,980	54,980	1,410,000	10,300,000	5,590,000	0	0	29,776	29,776	0

Project Funding											
Source Code	Division										
FB-SC	47300	0	0						0	0	0
FB-GR	44007	336,980	336,980	54,980	282,000				0	0	0
TF (GF)	44007	1,030,000	1,030,000			1,030,000			0	0	0
TF (TIF)	41401	0	0						0	0	0
TF (TIF)	41501	2,177,776	2,148,000			1,030,000	1,118,000		0	29,776	29,776
SA	44007	0	0						0	0	0
FA	44007	0	0						0	0	0
LOAN	44007	0	0						0	0	0
GOB	44007	0	0						0	0	0
GRANT (Other)	44007	13,840,000	13,840,000		1,128,000	8,240,000	4,472,000		0	0	0
		0	0						0	0	0
		0	0						0	0	0
FB-SC	47150	0	0						0	0	0
TF (GF)	47150	0	0						0	0	0
TF (TIF)	47150	0	0						0	0	0
LOAN	47150	0	0						0	0	0
FB-UR	47044	0	0						0	0	0
TF (GF)	47044	0	0						0	0	0
TF (TIF)	47044	0	0						0	0	0
SA	47044	0	0						0	0	0
FA	47044	0	0						0	0	0
LOAN	47044	0	0						0	0	0
		0	0						0	0	0
FB-UR	47045	0	0						0	0	0
TF (GF)	47045	0	0						0	0	0
TF (TIF)	47045	0	0						0	0	0
SA	47045	0	0						0	0	0
FA	47045	0	0						0	0	0
LOAN	47045	0	0						0	0	0
SA (MFT)	41017	0	0						0	0	0
SA (IDOT Grant)	41017	0	0						0	0	0
Project Totals:		17,384,756	17,354,980	54,980	1,410,000	10,300,000	5,590,000	0	0	29,776	29,776

IPE NARRATIVE CIP NO: SP1002

MULTIMODAL TRANSPORTATION CENTER
CAPITAL IMPROVEMENTS PROGRAM

I. DETAILED DESCRIPTION:

A new multimodal transportation center will be constructed on the site of the existing Amtrak Station. This new facility will stretch from Cherry Street to Walnut Street and is slated to include a parking garage facility. The City is seeking a federal TIGER grant to help fund this project.

II. PROJECT JUSTIFICATION:

Public transportation usage is on the rise. In order to provide our citizens and visitors with comprehensive services at one central location it is necessary to construct a multimodal transportation facility. This new facility will provide space which will allow for the consolidation of many local transit services including: Amtrak, Greyhound Bus, Saluki Express, Jackson County Mass Transit, Various Regional Bus Services, Taxi Cab Companies, and the like.

Project Description: SAFETY IMPROVEMENTS AT RAILROAD CROSSINGS (QUIET ZONE)

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	9,960	9,960	9,960					0	0	0	
531 Contractual	0	0						0	0	0	
Resident Engineering											
540 Eng. Svc. Div.	0	0						0	0	0	
541 Contractual	0	0						0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	0	0						0	0	0	
565 Contractual	0	0						0	0	0	
580 Contingency	0	0						0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	9,960	9,960	9,960	0	0	0	0	0	0	0	0

Project Funding											
Source Code	Division										
FB-SC	47300	0	0						0	0	0
FB-GR	44007	9,960	9,960	9,960					0	0	0
TF (GF)	44007	0	0						0	0	0
TF (TIF)	41401	0	0						0	0	0
TF (TIF)	41501	0	0						0	0	0
SA	44007	0	0						0	0	0
FA	44007	0	0						0	0	0
LOAN	44007	0	0						0	0	0
GOB	44007	0	0						0	0	0
GRANT (Other)	44007	0	0						0	0	0
		0	0						0	0	0
		0	0						0	0	0
FB-SC	47150	0	0						0	0	0
TF (GF)	47150	0	0						0	0	0
TF (TIF)	47150	0	0						0	0	0
LOAN	47150	0	0						0	0	0
FB-UR	47044	0	0						0	0	0
TF (GF)	47044	0	0						0	0	0
TF (TIF)	47044	0	0						0	0	0
SA	47044	0	0						0	0	0
FA	47044	0	0						0	0	0
LOAN	47044	0	0						0	0	0
		0	0						0	0	0
FB-UR	47045	0	0						0	0	0
TF (GF)	47045	0	0						0	0	0
TF (TIF)	47045	0	0						0	0	0
SA	47045	0	0						0	0	0
FA	47045	0	0						0	0	0
LOAN	47045	0	0						0	0	0
SA (MFT)	41017	0	0						0	0	0
SA (IDOT Grant)	41017	0	0						0	0	0
Project Totals:		9,960	9,960	9,960	0						

IPE NARRATIVE CIP NO: SP1702

SAFETY IMPROVEMENTS TO RAILROAD CROSSINGS
TO ALLOW A RAILROAD QUIET ZONE

CAPITAL IMPROVEMENTS PROGRAM

I. DETAILED DESCRIPTION:

Improve the railroad crossings to the required quiet zone standards, this will allow the City to apply for a quiet zone designation with the Canadian National Railroad.

II. PROJECT JUSTIFICATION:

The City desires to create a quiet zone for railroad traffic. This will require significant improvements to the existing railroad crossings to meet quiet zone standards.

Project Description: E. COLLEGE ST. AT ICRR TRACKS IMPROVEMENTS

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	4,980	4,980	4,980					0	0	0	
531 Contractual	0	0						0	0	0	
Resident Engineering											
540 Eng. Svc. Div.	3,320	3,320	3,320					0	0	0	
541 Contractual	0	0						0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	0	0						0	0	0	
565 Contractual	20,000	20,000	20,000					0	0	0	
580 Contingency	0	0						0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	28,300	28,300	28,300	0	0	0	0	0	0	0	0

Project Funding											
Source Code	Division										
FB-SC	47300	0	0						0	0	0
FB-GR	44007	0	0						0	0	0
TF (GF)	44007	0	0						0	0	0
TF (TIF)	41501	0	0						0	0	0
LGA	44007	0	0						0	0	0
SA	44007	0	0						0	0	0
FA	44007	0	0						0	0	0
LOAN	44007	0	0						0	0	0
GOB	44007	0	0						0	0	0
GRANT (Other)	44007	0	0						0	0	0
		0	0						0	0	0
		0	0						0	0	0
FB-SC	47150	0	0						0	0	0
TF (GF)	47150	0	0						0	0	0
TF (TIF)	47150	0	0						0	0	0
LOAN	47150	0	0						0	0	0
FB-UR	47044	0	0						0	0	0
TF (GF)	47044	0	0						0	0	0
TF (TIF)	47044	0	0						0	0	0
SA	47044	0	0						0	0	0
FA	47044	0	0						0	0	0
LOAN	47044	0	0						0	0	0
		0	0						0	0	0
FB-UR	47045	0	0						0	0	0
TF (GF)	47045	0	0						0	0	0
TF (TIF)	47045	0	0						0	0	0
SA	47045	0	0						0	0	0
FA	47045	0	0						0	0	0
LOAN	47045	0	0						0	0	0
SA (MFT)	41017	28,300	28,300	28,300					0	0	0
SA (IDOT Grant)	41017	0	0						0	0	0
Project Totals:		28,300	28,300	28,300	0						

IPE NARRATIVE CIP NO: SP1703

EAST COLLEGE STREET AT
ICRR TRACKS IMPROVEMENTS
CAPITAL IMPROVEMENTS PROGRAM

I. DETAILED DESCRIPTION:

Improve the pedestrian railroad crossings to conform to current accessible standards as allowed by the Canadian National Railroad and the Illinois Department of Transportation. This project is partially funded by a Railroad Safety Grant.

II. PROJECT JUSTIFICATION:

The existing pedestrian crossings at the railroad are rough and do not meet accessible standards, upgrades need to be made.

Project Description: E. GRAND AVE. AT ICRR TRACKS IMPROVEMENTS

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	4,980	4,980	4,980					0	0	0	
531 Contractual	0	0						0	0	0	
Resident Engineering											
540 Eng. Svc. Div.	3,320	3,320	3,320					0	0	0	
541 Contractual	0	0						0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	0	0						0	0	0	
565 Contractual	25,000	25,000	25,000					0	0	0	
580 Contingency	0	0						0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	33,300	33,300	33,300	0	0	0	0	0	0	0	0

Project Funding											
Source Code	Division										
FB-SC	47300	0	0						0	0	0
FB-GR	44007	0	0						0	0	0
TF (GF)	44007	0	0						0	0	0
TF (TIF)	41501	0	0						0	0	0
LGA	44007	0	0						0	0	0
SA	44007	0	0						0	0	0
FA	44007	0	0						0	0	0
LOAN	44007	0	0						0	0	0
GOB	44007	0	0						0	0	0
GRANT (Other)	44007	0	0						0	0	0
		0	0						0	0	0
		0	0						0	0	0
FB-SC	47150	0	0						0	0	0
TF (GF)	47150	0	0						0	0	0
TF (TIF)	47150	0	0						0	0	0
LOAN	47150	0	0						0	0	0
FB-UR	47044	0	0						0	0	0
TF (GF)	47044	0	0						0	0	0
TF (TIF)	47044	0	0						0	0	0
SA	47044	0	0						0	0	0
FA	47044	0	0						0	0	0
LOAN	47044	0	0						0	0	0
		0	0						0	0	0
FB-UR	47045	0	0						0	0	0
TF (GF)	47045	0	0						0	0	0
TF (TIF)	47045	0	0						0	0	0
SA	47045	0	0						0	0	0
FA	47045	0	0						0	0	0
LOAN	47045	0	0						0	0	0
SA (MFT)	41017	33,300	33,300	33,300					0	0	0
SA (IDOT Grant)	41017	0	0						0	0	0
Project Totals:		33,300	33,300	33,300	0						

IPE NARRATIVE CIP NO: SP1704

EAST GRAND AVENUE AT
ICRR TRACKS IMPROVEMENTS
CAPITAL IMPROVEMENTS PROGRAM

I. DETAILED DESCRIPTION:

Improve the pedestrian railroad crossings to conform to current accessible standards as allowed by the Canadian National Railroad and the Illinois Department of Transportation. This project is partially funded by a Railroad Safety Grant.

II. PROJECT JUSTIFICATION:

The existing pedestrian crossings at the railroad are rough and do not meet accessible standards, upgrades need to be made.

Project Description: HORIZON INN DEMOLITION

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	3,300	3,300	3,300					0	0	0	
531 Contractual	0	0						0	0	0	
Resident Engineering											
540 Eng. Svc. Div.	3,300	3,300	3,300					0	0	0	
541 Contractual	0	0						0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	0	0						0	0	0	
565 Contractual	538,400	538,400	538,400					0	0	0	
580 Contingency	25,000	25,000	25,000					0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	570,000	570,000	570,000	0	0	0	0	0	0	0	0

Project Funding											
Source Code	Division										
FB-SC	47300	0	0						0	0	0
FB-GR	44007	570,000	570,000	570,000					0	0	0
TF (GF)	44007	0	0						0	0	0
TF (TIF)	41401	0	0						0	0	0
TF (TIF)	41501	0	0						0	0	0
SA	44007	0	0						0	0	0
FA	44007	0	0						0	0	0
LOAN	44007	0	0						0	0	0
GOB	44007	0	0						0	0	0
GRANT (Other)	44007	0	0						0	0	0
		0	0						0	0	0
		0	0						0	0	0
FB-SC	47150	0	0						0	0	0
TF (GF)	47150	0	0						0	0	0
TF (TIF)	47150	0	0						0	0	0
LOAN	47150	0	0						0	0	0
FB-UR	47044	0	0						0	0	0
TF (GF)	47044	0	0						0	0	0
TF (TIF)	47044	0	0						0	0	0
SA	47044	0	0						0	0	0
FA	47044	0	0						0	0	0
LOAN	47044	0	0						0	0	0
		0	0						0	0	0
FB-UR	47045	0	0						0	0	0
TF (GF)	47045	0	0						0	0	0
TF (TIF)	47045	0	0						0	0	0
SA	47045	0	0						0	0	0
FA	47045	0	0						0	0	0
LOAN	47045	0	0						0	0	0
SA (MFT)	41017	0	0						0	0	0
SA (IDOT Grant)	41017	0	0						0	0	0
Project Totals:		570,000	570,000	570,000	0						

IPE NARRATIVE CIP NO: SP1705

HORIZON INN DEMOLITION
CAPITAL IMPROVEMENTS PROGRAM

I. DETAILED DESCRIPTION:

This project consists of the the demolition of the former Horizon Inn on East Main Street in Carbondale, Illinois.

II. PROJECT JUSTIFICATION:

This structure has been blighted the City for quite some time; the City recently acquired the building and property and had sought proposals for redeveloping the property. Unfortunately there were no viable redevelopment proposals, so the City had decided to raise the buildings itself so as to make the property more attractive to potential redevelopment.

FY 2017 FUNDED 5-YEAR COMMUNITY INVESTMENT PROGRAM

STORM SEWERS/DRAINAGE:

SS9902	Replace Corrugated Metal Pipes in Southwest Quadrant
SS1002	Cherry Street/Elm Street Storm Sewer Interceptor Replacement
SS1401	City Wide Drainage Study

Project Description: SUMMARY OF PROJECTS FOR 5 YEAR CIP

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	90,000	90,000		25,000	25,000		40,000	0	0	0	
531 Contractual	225,000	225,000					225,000	0	0	0	
Resident Engineering											
540 Eng. Svc. Div.	34,000	34,000			16,000	18,000		0	0	0	
541 Contractual	0	0						0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	0	0						0	0	0	
565 Contractual	660,000	660,000			350,000	310,000		0	0	0	
580 Contingency	81,500	81,500			35,000	46,500		0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	1,090,500	1,090,500		25,000	426,000	374,500	265,000	0	0	0	

Project Funding											
Source Code	Division										
FB-SC	47300	0	0						0	0	0
FB-GR	44007	664,500	664,500		25,000	374,500	265,000		0	0	0
TF (GF)	44007	0	0						0	0	0
TF (TIF)	41501	426,000	426,000	25,000	401,000				0	0	0
LGA	44007	0	0						0	0	0
SA	44007	0	0						0	0	0
FA	44007	0	0						0	0	0
LOAN	44007	0	0						0	0	0
GOB	44007	0	0						0	0	0
GRANT (Other)	44007	0	0						0	0	0
		0	0						0	0	0
		0	0						0	0	0
FB-SC	47150	0	0						0	0	0
TF (GF)	47150	0	0						0	0	0
TF (TIF)	47150	0	0						0	0	0
LOAN	47150	0	0						0	0	0
FB-UR	47044	0	0						0	0	0
TF (GF)	47044	0	0						0	0	0
TF (TIF)	47044	0	0						0	0	0
SA	47044	0	0						0	0	0
FA	47044	0	0						0	0	0
LOAN	47044	0	0						0	0	0
		0	0						0	0	0
FB-UR	47045	0	0						0	0	0
TF (GF)	47045	0	0						0	0	0
TF (TIF)	47045	0	0						0	0	0
SA	47045	0	0						0	0	0
FA	47045	0	0						0	0	0
LOAN	47045	0	0						0	0	0
		0	0						0	0	0
SA (MFT)	41017	0	0						0	0	0
SA (IDOT Grant)	41017	0	0						0	0	0
Project Totals:		1,090,500	1,090,500		25,000	426,000	374,500	265,000	0	0	0

Project Description: REPLACE CORRUGATED METAL PIPES IN SOUTHWEST QUADRANT

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	25,000	25,000			25,000			0	0	0	
531 Contractual	0	0						0	0	0	
Resident Engineering											
540 Eng. Svc. Div.	18,000	18,000				18,000		0	0	0	
541 Contractual	0	0						0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	0	0						0	0	0	
565 Contractual	310,000	310,000				310,000		0	0	0	
580 Contingency	46,500	46,500				46,500		0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	399,500	399,500	0	0	25,000	374,500	0	0	0	0	0

Project Funding											
Source Code	Division										
FB-SC	47300	0	0						0	0	0
FB-GR	44007	399,500	399,500			25,000	374,500		0	0	0
TF (GF)	44007	0	0						0	0	0
TF (TIF)	41501	0	0						0	0	0
LGA	44007	0	0						0	0	0
SA	44007	0	0						0	0	0
FA	44007	0	0						0	0	0
LOAN	44007	0	0						0	0	0
GOB	44007	0	0						0	0	0
GRANT (Other)	44007	0	0						0	0	0
		0	0						0	0	0
		0	0						0	0	0
FB-SC	47150	0	0						0	0	0
TF (GF)	47150	0	0						0	0	0
TF (TIF)	47150	0	0						0	0	0
LOAN	47150	0	0						0	0	0
FB-UR	47044	0	0						0	0	0
TF (GF)	47044	0	0						0	0	0
TF (TIF)	47044	0	0						0	0	0
SA	47044	0	0						0	0	0
FA	47044	0	0						0	0	0
LOAN	47044	0	0						0	0	0
		0	0						0	0	0
FB-UR	47045	0	0						0	0	0
TF (GF)	47045	0	0						0	0	0
TF (TIF)	47045	0	0						0	0	0
SA	47045	0	0						0	0	0
FA	47045	0	0						0	0	0
LOAN	47045	0	0						0	0	0
SA (MFT)	41017	0	0						0	0	0
SA (IDOT Grant)	41017	0	0						0	0	0
Project Totals:		399,500	399,500	0	0	25,000	374,500	0	0	0	0

IPE NARRATIVE CIP NO: SS9902

REPLACE CORRUGATED METAL PIPES IN SOUTHWEST CARBONDALE
CAPITAL IMPROVEMENTS PROGRAM

I. DETAILED DESCRIPTION:

The area for this study is bounded by Sunset Drive on the north, Chautauqua Street on the south, Dixon Street on the east and Little Crab Orchard Creek on the west. When this section of Carbondale was developed, corrugated metal storm drainage systems were often used. These pipes are starting to deteriorate and fail. This study would identify the areas where corrugated metal pipes were used and note the areas that are failing. This information will provide the necessary data for establishing a program for repairs.

Following the study staff will prepare necessary construction documents to implement the upgrades and repairs needed to the system. As the study has not been completed construction funds have been allocated based on planed funds availability within the Local Improvement Fund beginning in FY 2019.

II. PROJECT JUSTIFICATION:

To maintain a satisfactory storm water drainage system.

Project Description: CHERRY STREET/ELM STREET STORM SEWER INTERCEPTOR REPLACEMENT

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	25,000	25,000		25,000				0	0	0	
531 Contractual	0	0						0	0	0	
Resident Engineering											
540 Eng. Svc. Div.	16,000	16,000			16,000			0	0	0	
541 Contractual	0	0						0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	0	0						0	0	0	
565 Contractual	350,000	350,000			350,000			0	0	0	
580 Contingency	35,000	35,000			35,000			0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	426,000	426,000	0	25,000	401,000	0	0	0	0	0	0

Project Funding											
Source Code	Division										
FB-SC	47300	0	0						0	0	0
FB-GR	44007	0	0						0	0	0
TF (GF)	44007	0	0						0	0	0
TF (TIF)	41501	426,000	426,000	25,000	401,000				0	0	0
LGA	44007	0	0						0	0	0
SA	44007	0	0						0	0	0
FA	44007	0	0						0	0	0
LOAN	44007	0	0						0	0	0
GOB	44007	0	0						0	0	0
GRANT (Other)	44007	0	0						0	0	0
		0	0						0	0	0
		0	0						0	0	0
FB-SC	47150	0	0						0	0	0
TF (GF)	47150	0	0						0	0	0
TF (TIF)	47150	0	0						0	0	0
LOAN	47150	0	0						0	0	0
FB-UR	47044	0	0						0	0	0
TF (GF)	47044	0	0						0	0	0
TF (TIF)	47044	0	0						0	0	0
SA	47044	0	0						0	0	0
FA	47044	0	0						0	0	0
LOAN	47044	0	0						0	0	0
		0	0						0	0	0
FB-UR	47045	0	0						0	0	0
TF (GF)	47045	0	0						0	0	0
TF (TIF)	47045	0	0						0	0	0
SA	47045	0	0						0	0	0
FA	47045	0	0						0	0	0
LOAN	47045	0	0						0	0	0
SA (MFT)	41017	0	0						0	0	0
SA (IDOT Grant)	41017	0	0						0	0	0
Project Totals:		426,000	426,000	0	25,000	401,000	0	0	0	0	0

IPE NARRATIVE CIP NO: SS1002

CHERRY/ELM STREET STORM SEWER INTERCEPTOR REPLACEMENT

CAPITAL IMPROVEMENTS PROGRAM

I. DETAILED DESCRIPTION:

Replacement of the storm sewers from the West Cherry Street/University Avenue area to the East Elm Street/Marion Street area.

II. PROJECT JUSTIFICATION:

The Cherry Street/University Avenue/Illinois Avenue area is a low point and collector area for storm water runoff. The storm water from this area is conveyed under the railroad tracks to East Elm Street wherein it connects to other storm sewers that take the water to Piles Fork Creek. This area on the west side of the railroad tracks has experienced flooding for decades and warrants further study for possible storm sewer replacements to aid in alleviating the flooding problems.

Project Description: CITY WIDE DRAINAGE STUDY

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	40,000	40,000					40,000	0	0	0	
531 Contractual	225,000	225,000					225,000	0	0	0	
Resident Engineering											
540 Eng. Svc. Div.	0	0						0	0	0	
541 Contractual	0	0						0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	0	0						0	0	0	
565 Contractual	0	0						0	0	0	
580 Contingency	0	0						0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	265,000	265,000	0	0	0	0	265,000	0	0	0	0

Project Funding											
Source Code	Division										
FB-SC	47300	0	0						0	0	0
FB-GR	44007	265,000	265,000				265,000		0	0	0
TF (GF)	44007	0	0						0	0	0
TF (TIF)	41501	0	0						0	0	0
LGA	44007	0	0						0	0	0
SA	44007	0	0						0	0	0
FA	44007	0	0						0	0	0
LOAN	44007	0	0						0	0	0
GOB	44007	0	0						0	0	0
GRANT (Other)	44007	0	0						0	0	0
		0	0						0	0	0
		0	0						0	0	0
FB-SC	47150	0	0						0	0	0
TF (GF)	47150	0	0						0	0	0
TF (TIF)	47150	0	0						0	0	0
LOAN	47150	0	0						0	0	0
FB-UR	47044	0	0						0	0	0
TF (GF)	47044	0	0						0	0	0
TF (TIF)	47044	0	0						0	0	0
SA	47044	0	0						0	0	0
FA	47044	0	0						0	0	0
LOAN	47044	0	0						0	0	0
		0	0						0	0	0
FB-UR	47045	0	0						0	0	0
TF (GF)	47045	0	0						0	0	0
TF (TIF)	47045	0	0						0	0	0
SA	47045	0	0						0	0	0
FA	47045	0	0						0	0	0
LOAN	47045	0	0						0	0	0
SA (MFT)	41017	0	0						0	0	0
SA (IDOT Grant)	41017	0	0						0	0	0
Project Totals:		265,000	265,000	0	0	0	0	265,000	0	0	0

IPE NARRATIVE CIP NO: SS1401

CITY WIDE DRAINAGE STUDY

CAPITAL IMPROVEMENTS PROGRAM

I. DETAILED DESCRIPTION:

This project will take an overall look at the City's storm water conveyance systems and identify and quantify needed infrastructure improvements.

II. PROJECT JUSTIFICATION:

There are numerous locations around the City that flood during time of heavy rainfall.

FY 2017 FUNDED 5-YEAR COMMUNITY INVESTMENT PROGRAM

STREETS:

ST0202	Oakland Avenue Reconstruction (Walnut to Chautauqua)
ST0903	Lewis Lane and Grand Avenue Roundabout
ST1201	Street Patching Program
ST1204	Annual Collector Street Resurfacing Program
ST1301	Bridge Maintenance and Rehabilitation Program
ST1701	West Mill Street Resurfacing (Univeristy to Oakland)

Project Description: **SUMMARY OF PROJECTS FOR 5 YEAR CIP**

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	1,954	0						1,954	0	1,954	
521 Contractual	1,526	0						1,526	0	1,526	
Design Engineering											
530 Eng. Svc. Div.	168,997	125,240	23,240	65,000	19,000	13,000	5,000	29,621	14,136	43,757	
531 Contractual	91,880	89,960	9,960	5,000		75,000		1,738	182	1,920	
Resident Engineering											
540 Eng. Svc. Div.	139,886	133,960	9,960		6,000	100,000	18,000	5,926	0	5,926	
541 Contractual	15,656	14,000				6,500	7,500	1,656	0	1,656	
Property Acquisition:											
550 Eng. Svc. Div.	25,000	25,000		25,000				0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	25,000	25,000		25,000				0	0	0	
555 Land Purchase	75,000	75,000		75,000				0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	0	0						0	0	0	
565 Contractual	2,898,673	2,756,000	531,000		40,000	1,575,000	610,000	142,673	0	142,673	
580 Contingency	124,000	124,000	9,000		4,000	50,000	61,000	0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	3,567,572	3,368,160	583,160	195,000	69,000	1,819,500	701,500	185,094	14,318	199,412	

Project Funding											
Source Code	Division										
FB-SC	47300	0	0						0	0	0
FB-GR	44007	2,053,382	1,876,160	223,160	87,000	69,000	795,500	701,500	174,358	2,864	177,222
TF (GF)	44007	0	0						0	0	0
TF (TIF)	44007	0	0						0	0	0
LGA	44007	0	0						0	0	0
SA	44007	0	0						0	0	0
FA	44007	1,514,190	1,492,000	360,000	108,000		1,024,000		10,736	11,454	22,190
LOAN	44007	0	0						0	0	0
GOB	44007	0	0						0	0	0
GRANT (Other)	44007	0	0						0	0	0
		0	0						0	0	0
		0	0						0	0	0
FB-SC	47150	0	0						0	0	0
TF (GF)	47150	0	0						0	0	0
TF (TIF)	47150	0	0						0	0	0
LOAN	47150	0	0						0	0	0
FB-UR	47044	0	0						0	0	0
TF (GF)	47044	0	0						0	0	0
TF (TIF)	47044	0	0						0	0	0
SA	47044	0	0						0	0	0
FA	47044	0	0						0	0	0
LOAN	47044	0	0						0	0	0
		0	0						0	0	0
FB-UR	47045	0	0						0	0	0
TF (GF)	47045	0	0						0	0	0
TF (TIF)	47045	0	0						0	0	0
SA	47045	0	0						0	0	0
FA	47045	0	0						0	0	0
LOAN	47045	0	0						0	0	0
SA (MFT)	41017	0	0						0	0	0
SA (IDOT Grant)	41017	0	0						0	0	0
Project Totals:		3,567,572	3,368,160	583,160	195,000	69,000	1,819,500	701,500	185,094	14,318	199,412

Project Description: OAKLAND AVENUE RECONSTRUCTION (Walnut to Chautauqua)

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	60,000	60,000		60,000				0	0	0	
531 Contractual	5,000	5,000		5,000				0	0	0	
Resident Engineering											
540 Eng. Svc. Div.	75,000	75,000				75,000		0	0	0	
541 Contractual	5,000	5,000				5,000		0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	25,000	25,000		25,000				0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	25,000	25,000		25,000				0	0	0	
555 Land Purchase	75,000	75,000		75,000				0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	0	0						0	0	0	
565 Contractual	1,200,000	1,200,000				1,200,000		0	0	0	
580 Contingency	0	0						0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	1,470,000	1,470,000	0	190,000	0	1,280,000	0	0	0	0	0

Project Funding											
Source Code	Division										
FB-SC	47300	0	0						0	0	0
FB-GR	44007	338,000	338,000	82,000		256,000			0	0	0
TF (GF)	44007	0	0						0	0	0
TF (TIF)	44007	0	0						0	0	0
LGA	44007	0	0						0	0	0
SA	44007	0	0						0	0	0
FA	44007	1,132,000	1,132,000	108,000		1,024,000			0	0	0
LOAN	44007	0	0						0	0	0
GOB	44007	0	0						0	0	0
GRANT (Other)	44007	0	0						0	0	0
		0	0						0	0	0
		0	0						0	0	0
FB-SC	47150	0	0						0	0	0
TF (GF)	47150	0	0						0	0	0
TF (TIF)	47150	0	0						0	0	0
LOAN	47150	0	0						0	0	0
FB-UR	47044	0	0						0	0	0
TF (GF)	47044	0	0						0	0	0
TF (TIF)	47044	0	0						0	0	0
SA	47044	0	0						0	0	0
FA	47044	0	0						0	0	0
LOAN	47044	0	0						0	0	0
		0	0						0	0	0
FB-UR	47045	0	0						0	0	0
TF (GF)	47045	0	0						0	0	0
TF (TIF)	47045	0	0						0	0	0
SA	47045	0	0						0	0	0
FA	47045	0	0						0	0	0
LOAN	47045	0	0						0	0	0
SA (MFT)	41017	0	0						0	0	0
SA (IDOT Grant)	41017	0	0						0	0	0
Project Totals:		1,470,000	1,470,000	0	190,000	0	1,280,000	0	0	0	0

IPE NARRATIVE CIP NO: ST0202

OAKLAND AVENUE RECONSTRUCTION
(WALNUT STREET TO CHAUTAUQUA)

COMMUNITY INVESTMENT PROGRAM

I. DETAILED DESCRIPTION:

The proposed improvements will reduce congestion by the addition of dedicated bicycle lanes on both side of the roadway, widen lane widths to 12 feet throughout the length of the project, improve intersections with side streets, and enhance the existing pedestrian facilities. This project will help remove bicycle/vehicular conflicts and improve the travel time for both modes of transportation (enhance the Level of Service) along this corridor. Intersection improvements along the corridor will also improve various levels of service.

II. PROJECT JUSTIFICATION:

Oakland Avenue is one of the main entrances to Southern Illinois University (SIU). This project proposes to reconstruct and widen Oakland Avenue between Illinois State Route 13 (Walnut Street) and Chautauqua Street (SIU Campus) to provide for a higher level of service and provide accommodations for heavy bicycle traffic. The current ADT of this section of roadway peaks at 7,700 vehicles per day and includes two intersections with other Federal Aid Routes (Freeman Street and Mill Street). The current roadway section is approximately 30 feet wide with left hand turn lanes and/or on-street parking that reduces the effective lane widths to 10 feet wide for much of the length.

Project Description: LEWIS LANE AND GRAND AVENUE ROUNDABOUT

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	32,908	0						18,772	14,136	32,908	
531 Contractual	10,142	9,960	9,960					0	182	182	
Resident Engineering											
540 Eng. Svc. Div.	9,960	9,960	9,960								
541 Contractual	0	0									
Property Acquisition:											
550 Eng. Svc. Div.	0	0									
552 Legal Svc. Div.	0	0									
553 Contractual	0	0									
555 Land Purchase	0	0									
556 Easements	0	0									
558 Relocation	0	0									
Construction:											
560 City Labor & Materials	0	0									
565 Contractual	440,000	440,000	440,000								
580 Contingency	0	0									
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	493,010	459,920	459,920	0	0	0	0	18,772	14,318	33,090	0

Project Funding												
Source Code	Division											
FB-SC	47300	0	0						0	0	0	
FB-GR	44007	110,820	99,920	99,920					8,036	2,864	10,900	
TF (GF)	44007	0	0						0	0	0	
TF (TIF)	44007	0	0						0	0	0	
LGA	44007	0	0						0	0	0	
SA	44007	0	0						0	0	0	
FA	44007	382,190	360,000	360,000					10,736	11,454	22,190	
LOAN	44007	0	0						0	0	0	
GOB	44007	0	0						0	0	0	
GRANT (Other)	44007	0	0						0	0	0	
		0	0						0	0	0	
		0	0						0	0	0	
FB-SC	47150	0	0						0	0	0	
TF (GF)	47150	0	0						0	0	0	
TF (TIF)	47150	0	0						0	0	0	
LOAN	47150	0	0						0	0	0	
FB-UR	47044	0	0						0	0	0	
TF (GF)	47044	0	0						0	0	0	
TF (TIF)	47044	0	0						0	0	0	
SA	47044	0	0						0	0	0	
FA	47044	0	0						0	0	0	
LOAN	47044	0	0						0	0	0	
		0	0						0	0	0	
FB-UR	47045	0	0						0	0	0	
TF (GF)	47045	0	0						0	0	0	
TF (TIF)	47045	0	0						0	0	0	
SA	47045	0	0						0	0	0	
FA	47045	0	0						0	0	0	
LOAN	47045	0	0						0	0	0	
SA (MFT)	41017	0	0						0	0	0	
SA (IDOT Grant)	41017	0	0						0	0	0	
Project Totals:		493,010	459,920	459,920	0	0	0	0	18,772	14,318	33,090	0

IPE NARRATIVE CIP NO: ST0903

LEWIS LANE AND GRAND AVENUE ROUNDABOUT

COMMUNITY INVESTMENT PROGRAM

I. DETAILED DESCRIPTION:

Design and install a round-a-bout at the intersection of Grand Avenue and Lewis Lane.

II. PROJECT JUSTIFICATION:

This intersection experiences significant delays at peak morning hours due to its proximity to Lewis School, the Carbondale Middle School, and several major apartment complexes. The delays are not such of such magnitude to require the installation of traffic signals; however the installation of a round-a-bout should mitigate these issues.

Project Description: STREET PATCHING PROGRAM

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	20,849	10,000			5,000		5,000	10,849	0	10,849	
531 Contractual	1,738	0						1,738	0	1,738	
Resident Engineering											
540 Eng. Svc. Div.	5,926	0						5,926	0	5,926	
541 Contractual	1,656	0						1,656	0	1,656	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	0	0						0	0	0	
565 Contractual	142,673	0						142,673	0	142,673	
580 Contingency	0	0						0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	172,842	10,000	0	0	5,000	0	5,000	162,842	0	162,842	0

Project Funding											
Source Code	Division										
FB-SC	47300	0	0					0	0	0	
FB-GR	44007	172,842	10,000			5,000	5,000	162,842	0	162,842	
TF (GF)	44007	0	0					0	0	0	
TF (TIF)	44007	0	0					0	0	0	
LGA	44007	0	0					0	0	0	
SA	44007	0	0					0	0	0	
FA	44007	0	0					0	0	0	
LOAN	44007	0	0					0	0	0	
GOB	44007	0	0					0	0	0	
GRANT (Other)	44007	0	0					0	0	0	
		0	0					0	0	0	
		0	0					0	0	0	
FB-SC	47150	0	0					0	0	0	
TF (GF)	47150	0	0					0	0	0	
TF (TIF)	47150	0	0					0	0	0	
LOAN	47150	0	0					0	0	0	
FB-UR	47044	0	0					0	0	0	
TF (GF)	47044	0	0					0	0	0	
TF (TIF)	47044	0	0					0	0	0	
SA	47044	0	0					0	0	0	
FA	47044	0	0					0	0	0	
LOAN	47044	0	0					0	0	0	
		0	0					0	0	0	
FB-UR	47045	0	0					0	0	0	
TF (GF)	47045	0	0					0	0	0	
TF (TIF)	47045	0	0					0	0	0	
SA	47045	0	0					0	0	0	
FA	47045	0	0					0	0	0	
LOAN	47045	0	0					0	0	0	
SA (MFT)	41017	0	0					0	0	0	
SA (IDOT Grant)	41017	0	0					0	0	0	
Project Totals:		172,842	10,000	0	0	5,000	0	5,000	162,842	0	162,842

IPE NARRATIVE CIP NO: ST1201

STREET PATCHING PROGRAM

CAPITAL IMPROVEMENTS PROGRAM

I. DETAILED DESCRIPTION:

The purpose of this project is to develop and then continue to quantify street patching needs on the City's collector and arterial streets. Based on the information collected and tabulated by this project direction will be provided to Street Maintenance for inclusion in their budget and programs; and or needed CIP projects will be developed and planned for.

II. PROJECT JUSTIFICATION:

This project will allow a proactive and systematic approach to patching streets and potholes around the City.

Project Description: ANNUAL COLLECTOR STREET RESURFACING PROGRAM

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	10,000	10,000		5,000		5,000		0	0	0	
531 Contractual	0	0						0	0	0	
Resident Engineering											
540 Eng. Svc. Div.	0	0						0	0	0	
541 Contractual	0	0						0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	0	0						0	0	0	
565 Contractual	0	0						0	0	0	
580 Contingency	0	0						0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	10,000	10,000	0	5,000	0	5,000	0	0	0	0	0

Project Funding											
Source Code	Division										
FB-SC	47300	0	0						0	0	0
FB-GR	44007	10,000	10,000	5,000		5,000			0	0	0
TF (GF)	44007	0	0						0	0	0
TF (TIF)	44007	0	0						0	0	0
LGA	44007	0	0						0	0	0
SA	44007	0	0						0	0	0
FA	44007	0	0						0	0	0
LOAN	44007	0	0						0	0	0
GOB	44007	0	0						0	0	0
GRANT (Other)	44007	0	0						0	0	0
		0	0						0	0	0
		0	0						0	0	0
FB-SC	47150	0	0						0	0	0
TF (GF)	47150	0	0						0	0	0
TF (TIF)	47150	0	0						0	0	0
LOAN	47150	0	0						0	0	0
FB-UR	47044	0	0						0	0	0
TF (GF)	47044	0	0						0	0	0
TF (TIF)	47044	0	0						0	0	0
SA	47044	0	0						0	0	0
FA	47044	0	0						0	0	0
LOAN	47044	0	0						0	0	0
		0	0						0	0	0
FB-UR	47045	0	0						0	0	0
TF (GF)	47045	0	0						0	0	0
TF (TIF)	47045	0	0						0	0	0
SA	47045	0	0						0	0	0
FA	47045	0	0						0	0	0
LOAN	47045	0	0						0	0	0
SA (MFT)	41017	0	0						0	0	0
SA (IDOT Grant)	41017	0	0						0	0	0
Project Totals:		10,000	10,000	0	5,000	0	5,000	0	0	0	0

IPE NARRATIVE CIP NO: ST1204

ANNUAL COLLECTOR STREET REFURACING PROGRAM

CAPITAL IMPROVEMENTS PROGRAM

I. DETAILED DESCRIPTION:

The purpose of this project is to develop and then continue to quantify street resurfacing or reconstruction needs on the City's collector and arterial streets. Based on the information collected and tabulated by this project direction will be provided to Street Maintenance for inclusion in their budget and programs; and or needed CIP projects will be developed and planned for.

This project will provide for repaving of heavily used roadways throughout the City.

II. PROJECT JUSTIFICATION:

This project will allow a proactive and systematic approach to resurfacing streets and sections of streets around the City.

Project Description: BRIDGE MAINTENANCE AND REHABILITATION PROGRAM

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	1,954	0						1,954	0	1,954	
521 Contractual	1,526	0						1,526	0	1,526	
Design Engineering											
530 Eng. Svc. Div.	35,280	35,280	13,280		14,000	8,000		0	0	0	
531 Contractual	75,000	75,000				75,000		0	0	0	
Resident Engineering											
540 Eng. Svc. Div.	24,000	24,000			6,000		18,000	0	0	0	
541 Contractual	7,500	7,500					7,500	0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	0	0						0	0	0	
565 Contractual	741,000	741,000	91,000		40,000		610,000	0	0	0	
580 Contingency	74,000	74,000	9,000		4,000		61,000	0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	960,260	956,780	113,280	0	64,000	83,000	696,500	3,480	0	3,480	0

Project Funding											
Source Code	Division										
FB-SC	47300	0	0						0	0	0
FB-GR	44007	960,260	956,780	113,280		64,000	83,000	696,500	3,480	0	3,480
TF (GF)	44007	0	0						0	0	0
TF (TIF)	44007	0	0						0	0	0
LGA	44007	0	0						0	0	0
SA	44007	0	0						0	0	0
FA	44007	0	0						0	0	0
LOAN	44007	0	0						0	0	0
GOB	44007	0	0						0	0	0
GRANT (Other)	44007	0	0						0	0	0
		0	0						0	0	0
		0	0						0	0	0
FB-SC	47150	0	0						0	0	0
TF (GF)	47150	0	0						0	0	0
TF (TIF)	47150	0	0						0	0	0
LOAN	47150	0	0						0	0	0
FB-UR	47044	0	0						0	0	0
TF (GF)	47044	0	0						0	0	0
TF (TIF)	47044	0	0						0	0	0
SA	47044	0	0						0	0	0
FA	47044	0	0						0	0	0
LOAN	47044	0	0						0	0	0
		0	0						0	0	0
FB-UR	47045	0	0						0	0	0
TF (GF)	47045	0	0						0	0	0
TF (TIF)	47045	0	0						0	0	0
SA	47045	0	0						0	0	0
FA	47045	0	0						0	0	0
LOAN	47045	0	0						0	0	0
SA (MFT)	41017	0	0						0	0	0
SA (IDOT Grant)	41017	0	0						0	0	0
Project Totals:		960,260	956,780	113,280	0	64,000	83,000	696,500	3,480	0	3,480

Project Description: BRIDGE MAINTENANCE AND REHABILITATION PROGRAM

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	1,954	0						1,954	0	1,954	
521 Contractual	1,526	0						1,526	0	1,526	
Design Engineering											
530 Eng. Svc. Div.	35,280	35,280	13,280		14,000	8,000		0	0	0	
531 Contractual	75,000	75,000				75,000		0	0	0	
Resident Engineering											
540 Eng. Svc. Div.	24,000	24,000			6,000		18,000	0	0	0	
541 Contractual	7,500	7,500					7,500	0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	0	0						0	0	0	
565 Contractual	741,000	650,000	91,000		40,000		610,000	0	0	0	
580 Contingency	74,000	74,000	9,000		4,000		61,000	0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	960,260	865,780	113,280	0	64,000	83,000	696,500	3,480	0	3,480	0

Project Funding												
Source Code	Division											
FB-SC	47300	0	0					0	0	0		
FB-GR	44007	960,260	956,780	113,280		64,000	83,000	696,500	3,480	0	3,480	0
TF (GF)	44007	0	0					0	0	0		
TF (TIF)	44007	0	0					0	0	0		
LGA	44007	0	0					0	0	0		
SA	44007	0	0					0	0	0		
FA	44007	0	0					0	0	0		
LOAN	44007	0	0					0	0	0		
GOB	44007	0	0					0	0	0		
GRANT (Other)	44007	0	0					0	0	0		
		0	0					0	0	0		
		0	0					0	0	0		
FB-SC	47150	0	0					0	0	0		
TF (GF)	47150	0	0					0	0	0		
TF (TIF)	47150	0	0					0	0	0		
LOAN	47150	0	0					0	0	0		
FB-UR	47044	0	0					0	0	0		
TF (GF)	47044	0	0					0	0	0		
TF (TIF)	47044	0	0					0	0	0		
SA	47044	0	0					0	0	0		
FA	47044	0	0					0	0	0		
LOAN	47044	0	0					0	0	0		
		0	0					0	0	0		
FB-UR	47045	0	0					0	0	0		
TF (GF)	47045	0	0					0	0	0		
TF (TIF)	47045	0	0					0	0	0		
SA	47045	0	0					0	0	0		
FA	47045	0	0					0	0	0		
LOAN	47045	0	0					0	0	0		
SA (MFT)	41017	0	0					0	0	0		
SA (IDOT Grant)	41017	0	0					0	0	0		
Project Totals:		960,260	956,780	113,280	0	64,000	83,000	696,500	3,480	0	3,480	0

IPE NARRATIVE CIP NO: ST1301

BRIDGE MAINTENANCE AND REHABILITATION PROGRAM

CAPITAL IMPROVEMENTS PROGRAM

I. DETAILED DESCRIPTION:

To proactively maintain and rehabilitate bridge structures throughout the City to extend the service life of these structures and avoid costly replacements.

II. PROJECT JUSTIFICATION:

The City has numerous bridges throughout the community that it is responsible for inspecting, repairing, and maintaining. Many of these structures are beginning to show signs of their age. Recent inspections of several structures indicate that there is a growing need for heavy maintenance and/or rehabilitation which will likely continue for a number of years. The projects being planned for in the 5 year CIP are as follows:

FY 2017 – Pleasant Hill Road Overpass
FY 2019 – Chautauqua west of Emerald Lane
FY 2021 – Sunset Drive west of Emerald Lane

Project Description: WEST MILL STREET RESURFACING (UNIVERSITY TO OAKLAND)

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	9,960	9,960	9,960					0	0	0	
531 Contractual	0	0						0	0	0	
Resident Engineering											
540 Eng. Svc. Div.	25,000	25,000				25,000		0	0	0	
541 Contractual	1,500	1,500				1,500		0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	0	0						0	0	0	
565 Contractual	375,000	375,000				375,000		0	0	0	
580 Contingency	50,000	50,000				50,000		0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	461,460	461,460	9,960	0	0	451,500	0	0	0	0	0

Project Funding											
Source Code	Division										
FB-SC	47300	0	0						0	0	0
FB-GR	44007	461,460	461,460	9,960			451,500		0	0	0
TF (GF)	44007	0	0						0	0	0
TF (TIF)	44007	0	0						0	0	0
LGA	44007	0	0						0	0	0
SA	44007	0	0						0	0	0
FA	44007	0	0						0	0	0
LOAN	44007	0	0						0	0	0
GOB	44007	0	0						0	0	0
GRANT (Other)	44007	0	0						0	0	0
		0	0						0	0	0
		0	0						0	0	0
FB-SC	47150	0	0						0	0	0
TF (GF)	47150	0	0						0	0	0
TF (TIF)	47150	0	0						0	0	0
LOAN	47150	0	0						0	0	0
FB-UR	47044	0	0						0	0	0
TF (GF)	47044	0	0						0	0	0
TF (TIF)	47044	0	0						0	0	0
SA	47044	0	0						0	0	0
FA	47044	0	0						0	0	0
LOAN	47044	0	0						0	0	0
		0	0						0	0	0
FB-UR	47045	0	0						0	0	0
TF (GF)	47045	0	0						0	0	0
TF (TIF)	47045	0	0						0	0	0
SA	47045	0	0						0	0	0
FA	47045	0	0						0	0	0
LOAN	47045	0	0						0	0	0
SA (MFT)	41017	0	0						0	0	0
SA (IDOT Grant)	41017	0	0						0	0	0
Project Totals:		461,460	461,460	9,960	0	0	451,500	0	0	0	0

IPE NARRATIVE CIP NO: ST1701

WEST MILL RESURFACING
(UNIVERSITY TO OAKLAND)

CAPITAL IMPROVEMENTS PROGRAM

I. DETAILED DESCRIPTION:

The existing concrete roadway surface resurfaced to provide a smoother and more aesthetically pleasing entrance to the campus.

II. PROJECT JUSTIFICATION:

West Mill Street borders the northern edge of the Southern Illinois University Campus as such the roadway should be aesthetically pleasing and create a nice entryway to the campus.

FY 2016 FUNDED 5-YEAR COMMUNITY INVESTMENT PROGRAM

SIDEWALKS:

SW1502

Lewis Lane Sidewalks (College to Walnut)

SW1701

Sidewalk Improvements

SW1702

East Main and East Walnut Streets Sidewalk Infill

Project Description: SUMMARY OF PROJECTS FOR 5 YEAR CIP

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	75,392	55,960	9,960	17,000	15,000	7,000	7,000	15,007	4,425	19,432	
531 Contractual	0	0						0	0	0	
Resident Engineering											
540 Eng. Svc. Div.	74,351	47,960	4,960	23,000	10,000	5,000	5,000	21,911	4,480	26,391	
541 Contractual	0	0						0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	4,980	4,980	4,980					0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	15,000	15,000	15,000					0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	38	0						38	0	38	
565 Contractual	828,257	630,400	88,400	218,000	148,000	88,000	88,000	151,537	46,320	197,857	
580 Contingency	9,200	9,200		9,200				0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	1,007,218	763,500	123,300	267,200	173,000	100,000	100,000	188,493	55,225	243,718	

Project Funding											
Source Code	Division										
FB-SC	47300	0	0						0	0	0
FB-GR	44007	929,618	685,900	123,300	189,600	173,000	100,000	100,000	188,493	55,225	243,718
TF (GF)	44007	0	0						0	0	0
TF (TIF)	44007	0	0						0	0	0
LGA	44007	0	0						0	0	0
SA	44007	77,600	77,600		77,600				0	0	0
FA	44007	0	0						0	0	0
LOAN	44007	0	0						0	0	0
GOB	44007	0	0						0	0	0
GRANT (Other)	44007	0	0						0	0	0
		0	0						0	0	0
		0	0						0	0	0
FB-SC	47150	0	0						0	0	0
TF (GF)	47150	0	0						0	0	0
TF (TIF)	47150	0	0						0	0	0
LOAN	47150	0	0						0	0	0
FB-UR	47044	0	0						0	0	0
TF (GF)	47044	0	0						0	0	0
TF (TIF)	47044	0	0						0	0	0
SA	47044	0	0						0	0	0
FA	47044	0	0						0	0	0
LOAN	47044	0	0						0	0	0
		0	0						0	0	0
FB-UR	47045	0	0						0	0	0
TF (GF)	47045	0	0						0	0	0
TF (TIF)	47045	0	0						0	0	0
SA	47045	0	0						0	0	0
FA	47045	0	0						0	0	0
LOAN	47045	0	0						0	0	0
SA (MFT)	41017	0	0						0	0	0
SA (IDOT Grant)	41017	0	0						0	0	0
Project Totals:		1,007,218	763,500	123,300	267,200	173,000	100,000	100,000	188,493	55,225	243,718

Project Description: LEWIS LANE SIDEWALK (COLLEGE TO WALNUT)

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	3,320	3,320	3,320					0	0	0	
531 Contractual	0	0						0	0	0	
Resident Engineering											
540 Eng. Svc. Div.	13,000	13,000		13,000				0	0	0	
541 Contractual	0	0						0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	4,980	4,980	4,980					0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	15,000	15,000	15,000					0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	0	0						0	0	0	
565 Contractual	84,000	84,000		84,000				0	0	0	
580 Contingency	0	0						0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	120,300	120,300	23,300	97,000	0	0	0	0	0	0	0

Project Funding											
Source Code	Division										
FB-SC	47300	0	0						0	0	0
FB-GR	44007	42,700	42,700	23,300	19,400				0	0	0
TF (GF)	44007	0	0						0	0	0
TF (TIF)	44007	0	0						0	0	0
LGA	44007	0	0						0	0	0
SA	44007	77,600	77,600		77,600				0	0	0
FA	44007	0	0						0	0	0
LOAN	44007	0	0						0	0	0
GOB	44007	0	0						0	0	0
GRANT (Other)	44007	0	0						0	0	0
		0	0						0	0	0
		0	0						0	0	0
FB-SC	47150	0	0						0	0	0
TF (GF)	47150	0	0						0	0	0
TF (TIF)	47150	0	0						0	0	0
LOAN	47150	0	0						0	0	0
FB-UR	47044	0	0						0	0	0
TF (GF)	47044	0	0						0	0	0
TF (TIF)	47044	0	0						0	0	0
SA	47044	0	0						0	0	0
FA	47044	0	0						0	0	0
LOAN	47044	0	0						0	0	0
		0	0						0	0	0
FB-UR	47045	0	0						0	0	0
TF (GF)	47045	0	0						0	0	0
TF (TIF)	47045	0	0						0	0	0
SA	47045	0	0						0	0	0
FA	47045	0	0						0	0	0
LOAN	47045	0	0						0	0	0
SA (MFT)	41017	0	0						0	0	0
SA (IDOT Grant)	41017	0	0						0	0	0
Project Totals:		120,300	120,300	23,300	97,000	0	0	0	0	0	0

IPE NARRATIVE CIP NO: SW1502

LEWIS LANE SIDEWALK – COLLEGE TO WALNUT

COMMUNITY INVESTMENT PROGRAM

I. DETAILED DESCRIPTION:

Add sidewalks to the east side of Lewis Lane between College and Walnut.

II. PROJECT JUSTIFICATION:

There is currently no sidewalk on the east side of Lewis Lane from East College Street to East Walnut Street. Connecting the existing sidewalks along the east side of Lewis lane in this area will complete the sidewalks in and around the superblock area.

Project Description: SIDEWALK IMPROVEMENTS

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	54,072	34,640	6,640	7,000	7,000	7,000	7,000	15,007	4,425	19,432	
531 Contractual	0	0						0	0	0	
Resident Engineering											
540 Eng. Svc. Div.	51,351	24,960	4,960	5,000	5,000	5,000	5,000	21,911	4,480	26,391	
541 Contractual	0	0						0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	38	0						38	0	38	
565 Contractual	638,257	440,400	88,400	88,000	88,000	88,000	88,000	151,537	46,320	197,857	
580 Contingency	0	0						0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	743,718	500,000	100,000	100,000	100,000	100,000	100,000	188,493	55,225	243,718	0

Project Funding											
Source Code	Division										
FB-SC	47300	0	0						0	0	0
FB-GR	44007	743,718	500,000	100,000	100,000	100,000	100,000	100,000	188,493	55,225	243,718
TF (GF)	44007	0	0						0	0	0
TF (TIF)	44007	0	0						0	0	0
LGA	44007	0	0						0	0	0
SA	44007	0	0						0	0	0
FA	44007	0	0						0	0	0
LOAN	44007	0	0						0	0	0
GOB	44007	0	0						0	0	0
GRANT (Other)	44007	0	0						0	0	0
		0	0						0	0	0
		0	0						0	0	0
FB-SC	47150	0	0						0	0	0
TF (GF)	47150	0	0						0	0	0
TF (TIF)	47150	0	0						0	0	0
LOAN	47150	0	0						0	0	0
FB-UR	47044	0	0						0	0	0
TF (GF)	47044	0	0						0	0	0
TF (TIF)	47044	0	0						0	0	0
SA	47044	0	0						0	0	0
FA	47044	0	0						0	0	0
LOAN	47044	0	0						0	0	0
		0	0						0	0	0
FB-UR	47045	0	0						0	0	0
TF (GF)	47045	0	0						0	0	0
TF (TIF)	47045	0	0						0	0	0
SA	47045	0	0						0	0	0
FA	47045	0	0						0	0	0
LOAN	47045	0	0						0	0	0
SA (MFT)	41017	0	0						0	0	0
SA (IDOT Grant)	41017	0	0						0	0	0
Project Totals:		743,718	500,000	100,000	100,000	100,000	100,000	100,000	188,493	55,225	243,718

IPE NARRATIVE CIP NO: SW1701

SIDEWALK IMPROVEMENTS

COMMUNITY INVESTMENT PROGRAM

I. DETAILED DESCRIPTION:

This project has four components:

1. Repair dangerous and/or deteriorated sidewalks throughout the City.
2. Improve sidewalks in the downtown area.
3. Work with the Partnership for Disability Issues organization to create sidewalk routes throughout the City for the physically challenged.
4. Construct new sidewalks where missing sections of walk creates a gap in the sidewalk flow.

II. PROJECT JUSTIFICATION:

Remove hazardous situations and make the areas more aesthetically pleasing.

Project Description: EAST MAIN AND EAST WALNUT SIDEWALK INFILL

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0									
Design Engineering											
530 Eng. Svc. Div.	18,000	18,000		10,000	8,000						
531 Contractual	0	0									
Resident Engineering											
540 Eng. Svc. Div.	10,000	10,000		5,000	5,000						
541 Contractual	0	0									
Property Acquisition:											
550 Eng. Svc. Div.	0	0									
552 Legal Svc. Div.	0	0									
553 Contractual	0	0									
555 Land Purchase	0	0									
556 Easements	0	0									
558 Relocation	0	0									
Construction:											
560 City Labor & Materials	0	0						0	0	0	
565 Contractual	106,000	106,000		46,000	60,000			0	0	0	
580 Contingency	9,200	9,200		9,200				0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	143,200	143,200	0	70,200	73,000	0	0	0	0	0	0

Project Funding											
Source Code	Division										
FB-SC	47300	0	0						0	0	0
FB-GR	44007	143,200	143,200		70,200	73,000			0	0	0
TF (GF)	44007	0	0						0	0	0
TF (TIF)	44007	0	0						0	0	0
LGA	44007	0	0						0	0	0
SA	44007	0	0						0	0	0
FA	44007	0	0						0	0	0
LOAN	44007	0	0						0	0	0
GOB	44007	0	0						0	0	0
GRANT (Other)	44007	0	0						0	0	0
		0	0						0	0	0
		0	0						0	0	0
FB-SC	47150	0	0						0	0	0
TF (GF)	47150	0	0						0	0	0
TF (TIF)	47150	0	0						0	0	0
LOAN	47150	0	0						0	0	0
FB-UR	47044	0	0						0	0	0
TF (GF)	47044	0	0						0	0	0
TF (TIF)	47044	0	0						0	0	0
SA	47044	0	0						0	0	0
FA	47044	0	0						0	0	0
LOAN	47044	0	0						0	0	0
		0	0						0	0	0
FB-UR	47045	0	0						0	0	0
TF (GF)	47045	0	0						0	0	0
TF (TIF)	47045	0	0						0	0	0
SA	47045	0	0						0	0	0
FA	47045	0	0						0	0	0
LOAN	47045	0	0						0	0	0
SA (MFT)	41017	0	0						0	0	0
SA (IDOT Grant)	41017	0	0						0	0	0
Project Totals:		143,200	143,200	0	70,200	73,000	0	0	0	0	0

IPE NARRATIVE CIP NO: SW1702

EAST MAIN STREET AND
WESTWALNUT STREET
SIDEWALK INFILL

COMMUNITY INVESTMENT PROGRAM

I. DETAILED DESCRIPTION:

Phase I of this project will consist of providing sidewalk infill on East Main Street from Lewis Lane to Cedarview Drive.

II. PROJECT JUSTIFICATION:

Provided sidewalk connectors where sidewalks are missing on East Walnut Street and East Main Street, between Cedarview Drive and Lewis Lane.

FY 2016 FUNDED 5-YEAR COMMUNITY INVESTMENT PROGRAM

TRAFFIC SIGNALS:

Project Description: SUMMARY OF PROJECTS FOR 5 YEAR CIP

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	0	0						0	0	0	
531 Contractual	0	0						0	0	0	
Resident Engineering											
540 Eng. Svc. Div.	0	0						0	0	0	
541 Contractual	0	0						0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	0	0						0	0	0	
565 Contractual	0	0						0	0	0	
580 Contingency	0	0						0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	0	0						0	0	0	

Project Funding													
Source Code	Division												
FB-SC	47300	0	0							0	0	0	
FB-GR	44007	0	0							0	0	0	
TF (GF)	44007	0	0							0	0	0	
TF (TIF)	44007	0	0							0	0	0	
LGA	44007	0	0							0	0	0	
SA	44007	0	0							0	0	0	
FA	44007	0	0							0	0	0	
LOAN	44007	0	0							0	0	0	
GOB	44007	0	0							0	0	0	
GRANT (Other)	44007	0	0							0	0	0	
		0	0							0	0	0	
		0	0							0	0	0	
FB-SC	47150	0	0							0	0	0	
TF (GF)	47150	0	0							0	0	0	
TF (TIF)	47150	0	0							0	0	0	
LOAN	47150	0	0							0	0	0	
FB-UR	47044	0	0							0	0	0	
TF (GF)	47044	0	0							0	0	0	
TF (TIF)	47044	0	0							0	0	0	
SA	47044	0	0							0	0	0	
FA	47044	0	0							0	0	0	
LOAN	47044	0	0							0	0	0	
		0	0							0	0	0	
FB-UR	47045	0	0							0	0	0	
TF (GF)	47045	0	0							0	0	0	
TF (TIF)	47045	0	0							0	0	0	
SA	47045	0	0							0	0	0	
FA	47045	0	0							0	0	0	
LOAN	47045	0	0							0	0	0	
SA (MFT)	41017	0	0							0	0	0	
SA (IDOT Grant)	41017	0	0							0	0	0	
Project Totals:		0	0							0	0	0	

FY 2017 FUNDED 5-YEAR COMMUNITY INVESTMENT PROGRAM

WATER SYSTEM:

WS9701	Dillinger Road/Bicentennial Industrial Park Watermain Loop
WS0203	Oakland Avenue Watermain (Walnut Street to Mill Street)
WS0803	Crab Orchard Water District Improvements
WS0901	Redundant/Backup Water Supply Evaluation
WS0904	Pecan Street Water Line Replacement (400 - 900 blocks)
WS1202	Cedar Lake Pump Station Renovations
WS1301	Feeder Water Main Replacements
WS1503	Cedar Lake Sediment and Nutrient Load Reduction Projects
WS1601	Water Plant Clearwell Painting and Repairs
WS1701	Water Plant Filter Rehabilitation
WS1702	Dixon Street Waterline Replacement (Old West Main to Skyline)

Project Description: SUMMARY OF PROJECTS FOR 5 YEAR CIP

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	530,279	298,840	39,840	28,500	118,500	50,000	62,000	138,218	93,221	231,439	
531 Contractual	438,761	293,812	104,812	9,000	72,000	9,000	99,000	0	144,949	144,949	
Resident Engineering											
540 Eng. Svc. Div.	414,530	287,284	95,284	22,000	22,000	98,000	50,000	97,529	29,717	127,246	
541 Contractual	78,000	78,000	35,000			8,000	35,000	0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	831,433	0						71,510	759,923	831,433	
565 Contractual	10,719,607	9,159,023	4,279,023	700,000	710,000	1,660,000	1,810,000	953,586	606,998	1,560,584	
580 Contingency	605,000	605,000	415,000	25,000	25,000	80,000	60,000	0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	13,617,610	10,721,959	4,968,959	784,500	947,500	1,905,000	2,116,000	1,260,843	1,634,808	2,895,651	

Project Funding											
Source Code	Division										
FB-SC	47300	0	0						0	0	0
FB-GR	44007	0	0						0	0	0
TF (GF)	44007	0	0						0	0	0
TF (TIF)	44007	0	0						0	0	0
LGA	44007	0	0						0	0	0
SA	44007	0	0						0	0	0
FA	44007	0	0						0	0	0
LOAN	44007	0	0						0	0	0
GOB	44007	0	0						0	0	0
GRANT (Other)	44007	0	0						0	0	0
		0	0						0	0	0
		0	0						0	0	0
FB-SC	47150	0	0						0	0	0
TF (GF)	47150	0	0						0	0	0
TF (TIF)	47150	0	0						0	0	0
LOAN	47150	0	0						0	0	0
FB-UR	47044	0	0						0	0	0
TF (GF)	47044	0	0						0	0	0
TF (TIF)	47044	0	0						0	0	0
SA	47044	0	0						0	0	0
FA	47044	0	0						0	0	0
LOAN	47044	0	0						0	0	0
		0	0						0	0	0
FB-UR	47045	11,670,110	8,851,040	3,848,040	784,500	947,500	1,905,000	1,366,000	1,260,843	1,558,227	2,819,070
TF (GF)	47045	0	0						0	0	0
TF (TIF)	47045	0	0						0	0	0
SA	47045	1,762,500	1,702,457	952,457				750,000	0	60,043	60,043
FA	47045	185,000	168,462	168,462					0	16,538	16,538
LOAN	47045	0	0						0	0	0
SA (MFT)	41017	0	0						0	0	0
SA (IDOT Grant)	41017	0	0						0	0	0
Project Totals:		13,617,610	10,721,959	4,968,959	784,500	947,500	1,905,000	2,116,000	1,260,843	1,634,808	2,895,651

Project Description: **DILLINGER ROAD/BICENTENNIAL INDUSTRIAL PARK WATERMAIN LOOP**

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0							0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0							0	0	
521 Contractual	0	0							0	0	
Design Engineering											
530 Eng. Svc. Div.	16,068	0							16,068	16,068	
531 Contractual	0	0							0	0	
Resident Engineering											
540 Eng. Svc. Div.	4,980	4,980	4,980						0	0	
541 Contractual	0	0							0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0							0	0	
552 Legal Svc. Div.	0	0							0	0	
553 Contractual	0	0							0	0	
555 Land Purchase	0	0							0	0	
556 Easements	0	0							0	0	
558 Relocation	0	0							0	0	
Construction:											
560 City Labor & Materials	0	0							0	0	
565 Contractual	115,750	115,000	115,000						750	750	
580 Contingency	0	0							0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	136,798	119,980	119,980	0	0	0	0	0	16,818	16,818	0

Project Funding											
Source Code	Division										
FB-SC	47300	0	0						0	0	0
FB-GR	44007	0	0						0	0	0
TF (GF)	44007	0	0						0	0	0
TF (TIF)	44007	0	0						0	0	0
I GA	44007	0	0						0	0	0
SA	44007	0	0						0	0	0
FA	44007	0	0						0	0	0
LOAN	44007	0	0						0	0	0
GOB	44007	0	0						0	0	0
GRANT (Other)	44007	0	0						0	0	0
		0	0						0	0	0
		0	0						0	0	0
FB-SC	47150	0	0						0	0	0
TF (GF)	47150	0	0						0	0	0
TF (TIF)	47150	0	0						0	0	0
LOAN	47150	0	0						0	0	0
FB-UR	47044	0	0						0	0	0
TF (GF)	47044	0	0						0	0	0
TF (TIF)	47044	0	0						0	0	0
SA	47044	0	0						0	0	0
FA	47044	0	0						0	0	0
LOAN	47044	0	0						0	0	0
		0	0						0	0	0
FB-UR	47045	136,798	119,980	119,980					0	16,818	16,818
TF (GF)	47045	0	0						0	0	0
TF (TIF)	47045	0	0						0	0	0
SA	47045	0	0						0	0	0
FA	47045	0	0						0	0	0
LOAN	47045	0	0						0	0	0
SA (MFT)	41017	0	0						0	0	0
SA (IDOT Grant)	41017	0	0						0	0	0
Project Totals:		136,798	119,980	119,980	0	0	0	0	0	16,818	16,818

IPE NARRATIVE CIP NO. WS9701

DILLINGER ROAD/BICENTENNIAL INDUSTRIAL PARK WATERMAIN LOOP

CAPITAL IMPROVEMENTS PROGRAM

I. DETAILED DESCRIPTION:

This project consists of looping the water mains in Bicentennial Industrial Park with the lines located on Dillinger Road and U.S. Highway 51.

II. PROJECT JUSTIFICATION:

The City's water distribution system ends at the Bicentennial Industrial Park; this is also the location from which two (2) Water Districts, Lakeside and DeSoto, used to supply their systems with water from the City. The connections to these two Water Districts still exist, however they are now only used for "emergency" situations. As such water in this area no longer circulates well and there is now a need to loop the water mains together to aid in keeping the water fresh.

Project Description: **OAKLAND AVENUE WATERMAIN REPLACEMENT - WALNUT TO CHAUTAUQUA**

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering:											
530 Eng. Svc. Div.	8,268	0						0	8,268	8,268	
531 Contractual	19,966	0						0	19,966	19,966	
Resident Engineering:											
540 Eng. Svc. Div.	39,840	39,840	39,840					0	0	0	
541 Contractual	0	0						0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	0	0						0	0	0	
565 Contractual	750,000	750,000	750,000					0	0	0	
580 Contingency	75,000	75,000	75,000					0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	893,074	864,840	864,840	0	0	0	0	0	28,234	28,234	0

Project Funding												
Source Code	Division											
FB-SC	47300	0	0						0	0	0	
FB-GR	44007	0	0						0	0	0	
TF (GF)	44007	0	0						0	0	0	
TF (TIF)	44007	0	0						0	0	0	
IGA	44007	0	0						0	0	0	
SA	44007	0	0						0	0	0	
FA	44007	0	0						0	0	0	
LOAN	44007	0	0						0	0	0	
GOB	44007	0	0						0	0	0	
GRANT (Other)	44007	0	0						0	0	0	
		0	0						0	0	0	
		0	0						0	0	0	
FB-SC	47150	0	0						0	0	0	
TF (GF)	47150	0	0						0	0	0	
TF (TIF)	47150	0	0						0	0	0	
LOAN	47150	0	0						0	0	0	
FB-UR	47044	0	0						0	0	0	
TF (GF)	47044	0	0						0	0	0	
TF (TIF)	47044	0	0						0	0	0	
SA	47044	0	0						0	0	0	
FA	47044	0	0						0	0	0	
LOAN	47044	0	0						0	0	0	
		0	0						0	0	0	
FB-UR	47045	893,074	864,840	864,840					0	28,234	28,234	
TF (GF)	47045	0	0						0	0	0	
TF (TIF)	47045	0	0						0	0	0	
SA	47045	0	0						0	0	0	
FA	47045	0	0						0	0	0	
LOAN	47045	0	0						0	0	0	
SA (MFT)	41017	0	0						0	0	0	
SA (IDOT Grant)	41017	0	0						0	0	0	
Project Totals:		893,074	864,840	864,840	0	0	0	0	0	28,234	28,234	0

IPE NARRATIVE CIP NO: WS0203

OAKLAND AVENUE WATERMAIN REPLACEMENT – WALNUT TO CHAUTAUQUA
COMMUNITY INVESTMENT PROGRAM

I. DETAILED DESCRIPTION:

This project consists of replacing the waterlines located on Oakland Avenue from Walnut Street to Chautauqua.

II. PROJECT JUSTIFICATION:

Oakland Avenue is scheduled to be reconstructed in a few years; the roadway reconstruction project is being funded partially with Federal Funds through the Southern Illinois Metropolitan Planning Organization (SIMPO). As such the City needs to replace the old dilapidated water mains prior to the new roadway design and construction.

Project Description: **CRAB ORCHARD WATER DISTRICT IMPROVEMENTS**

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	227,839	75,000			25,000	25,000	25,000	129,479	23,360	152,839	
531 Contractual	15,000	15,000			15,000			0	0	0	
Resident Engineering											
540 Eng. Svc. Div.	157,969	40,000				20,000	20,000	97,529	20,440	117,969	
541 Contractual	0	0						0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	71,510	0						71,510	0	71,510	
565 Contractual	2,151,017	800,000				400,000	400,000	953,586	397,431	1,351,017	
580 Contingency	0	0						0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	2,623,335	930,000	0	0	40,000	445,000	445,000	1,252,104	441,231	1,693,335	0

Project Funding												
Source Code	Division											
FB-SC	47300	0	0					0	0	0		
FB-GR	44007	0	0					0	0	0		
TF (GF)	44007	0	0					0	0	0		
TF (TIF)	44007	0	0					0	0	0		
LGA	44007	0	0					0	0	0		
SA	44007	0	0					0	0	0		
FA	44007	0	0					0	0	0		
LOAN	44007	0	0					0	0	0		
GOB	44007	0	0					0	0	0		
GRANT (Other)	44007	0	0					0	0	0		
		0	0					0	0	0		
		0	0					0	0	0		
FB-SC	47150	0	0					0	0	0		
TF (GF)	47150	0	0					0	0	0		
TF (TIF)	47150	0	0					0	0	0		
LOAN	47150	0	0					0	0	0		
FB-UR	47044	0	0					0	0	0		
TF (GF)	47044	0	0					0	0	0		
TF (TIF)	47044	0	0					0	0	0		
SA	47044	0	0					0	0	0		
FA	47044	0	0					0	0	0		
LOAN	47044	0	0					0	0	0		
		0	0					0	0	0		
FB-UR	47045	2,623,335	930,000		40,000	445,000	445,000	1,252,104	441,231	1,693,335		
TF (GF)	47045	0	0					0	0	0		
TF (TIF)	47045	0	0					0	0	0		
SA	47045	0	0					0	0	0		
FA	47045	0	0					0	0	0		
LOAN	47045	0	0					0	0	0		
SA (MFT)	41017	0	0					0	0	0		
SA (IDOT Grant)	41017	0	0					0	0	0		
Project Totals:		2,623,335	930,000	0	0	40,000	445,000	445,000	1,252,104	441,231	1,693,335	0

IPE NARRATIVE CIP NO: WS0803

CRAB ORCHARD WATER DISTRICT IMPROVEMENTS

COMMUNITY INVESTMENT PROGRAM

I. DETAILED DESCRIPTION:

Improve areas served by the former Crab Orchard Water District by making connections to existing City Water lines where available and replace water lines as described in agreement with the former Crab Orchard water District. Work on this project will resume in FY 2019 and is planned to include waterlines along Lewis Lane and Grand Avenue.

II. PROJECT JUSTIFICATION:

Many of the lines are in poor condition and need to be replaced.

Project Description: **REDUNDANT/BACKUP WATER SUPPLY EVALUATION**

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	50,743	50,000			50,000			743	0	743	
531 Contractual	30,000	30,000			30,000			0	0	0	
Resident Engineering											
540 Eng. Svc. Div.	40,000	40,000				40,000		0	0	0	
541 Contractual	8,000	8,000				8,000		0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	0	0						0	0	0	
565 Contractual	450,000	450,000				450,000		0	0	0	
580 Contingency	45,000	45,000				45,000		0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	623,743	623,000	0	0	80,000	543,000	0	743	0	743	0

Project Funding											
Source Code	Division										
FB-SC	47300	0	0						0	0	0
FB-GR	44007	0	0						0	0	0
TF (GF)	44007	0	0						0	0	0
TF (TIF)	44007	0	0						0	0	0
LGA	44007	0	0						0	0	0
SA	44007	0	0						0	0	0
FA	44007	0	0						0	0	0
LOAN	44007	0	0						0	0	0
GOB	44007	0	0						0	0	0
GRANT (Other)	44007	0	0						0	0	0
		0	0						0	0	0
		0	0						0	0	0
FB-SC	47150	0	0						0	0	0
TF (GF)	47150	0	0						0	0	0
TF (TIF)	47150	0	0						0	0	0
LOAN	47150	0	0						0	0	0
FB-UR	47044	0	0						0	0	0
TF (GF)	47044	0	0						0	0	0
TF (TIF)	47044	0	0						0	0	0
SA	47044	0	0						0	0	0
FA	47044	0	0						0	0	0
LOAN	47044	0	0						0	0	0
		0	0						0	0	0
FB-UR	47045	623,743	623,000			80,000	543,000		743	0	743
TF (GF)	47045	0	0						0	0	0
TF (TIF)	47045	0	0						0	0	0
SA	47045	0	0						0	0	0
FA	47045	0	0						0	0	0
LOAN	47045	0	0						0	0	0
SA (MFT)	41017	0	0						0	0	0
SA (IDOT Grant)	41017	0	0						0	0	0
Project Totals:		623,743	623,000	0	0	80,000	543,000	0	743	0	743

IPE NARRATIVE CIP NO: WS0901

REDUNDANT/BACKUP WATER SUPPLY STUDY

COMMUNITY INVESTMENT PROGRAM

I. DETAILED DESCRIPTION:

Study various options to provide adequate potable water for our community should there be a catastrophic failure of the City's raw water supply system and/or water treatment plant. Develop and analyze various alternatives including interconnections to other regional water supplies and design and implement the chosen option(s).

II. PROJECT JUSTIFICATION:

The City Reservoir (also referred to as Evergreen Lake) has been the City's backup water supply for decades. Unfortunately the lake has now silted to a point that severely limits the amount of useful water that can be pumped from it to the water treatment plant. In the event of an emergency wherein the City was not able to pump water from Cedar Lake, the City would have difficulty getting adequate raw water to the plant for treatment.

Project Description: **PECAN STREET WATERLINE REPLACEMENT (400-900 BLOCKS)**

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	15,000	15,000			15,000			0	0	0	
531 Contractual	18,000	18,000			18,000			0	0	0	
Resident Engineering											
540 Eng. Svc. Div.	18,000	18,000				18,000		0	0	0	
541 Contractual	0	0						0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	0	0						0	0	0	
565 Contractual	350,000	350,000				350,000		0	0	0	
580 Contingency	35,000	35,000				35,000		0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	436,000	436,000	0	0	33,000	403,000	0	0	0	0	0

Project Funding											
Source Code	Division										
FB-SC	47300	0	0						0	0	0
FB-GR	44007	0	0						0	0	0
TF (GF)	44007	0	0						0	0	0
TF (TIF)	44007	0	0						0	0	0
LGA	44007	0	0						0	0	0
SA	44007	0	0						0	0	0
FA	44007	0	0						0	0	0
LOAN	44007	0	0						0	0	0
GOB	44007	0	0						0	0	0
GRANT (Other)	44007	0	0						0	0	0
		0	0						0	0	0
		0	0						0	0	0
FB-SC	47150	0	0						0	0	0
TF (GF)	47150	0	0						0	0	0
TF (TIF)	47150	0	0						0	0	0
LOAN	47150	0	0						0	0	0
FB-UR	47044	0	0						0	0	0
TF (GF)	47044	0	0						0	0	0
TF (TIF)	47044	0	0						0	0	0
SA	47044	0	0						0	0	0
FA	47044	0	0						0	0	0
LOAN	47044	0	0						0	0	0
		0	0						0	0	0
FB-UR	47045	436,000	436,000			33,000	403,000		0	0	0
TF (GF)	47045	0	0						0	0	0
TF (TIF)	47045	0	0						0	0	0
SA	47045	0	0						0	0	0
FA	47045	0	0						0	0	0
LOAN	47045	0	0						0	0	0
SA (MFT)	41017	0	0						0	0	0
SA (IDOT Grant)	41017	0	0						0	0	0
Project Totals:		436,000	436,000	0	0	33,000	403,000	0	0	0	0

IPE NARRATIVE CIP NO: WS0904

PECAN STREET WATER LINE REPLACEMENT (400-900 BLOCKS)

COMMUNITY INVESTMENT PROGRAM

I. DETAILED DESCRIPTION:

Replace 2,700 feet of six inch water line on Pecan Street 400-900 blocks.

II. PROJECT JUSTIFICATION:

This line on Pecan Street has broken several times. It needs to be replaced.

Project Description: **CEDAR LAKE PUMP STATION RENOVATIONS**

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	28,809	0						6,470	22,339	28,809	
531 Contractual	19,400	0						0	19,400	19,400	
Resident Engineering											
540 Eng. Svc. Div.	9,960	9,960	9,960					0	0	0	
541 Contractual	3,000	3,000	3,000					0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	5,000	0						0	5,000	5,000	
565 Contractual	1,008,817	800,000	800,000					0	208,817	208,817	
580 Contingency	160,000	160,000	160,000					0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	1,234,986	972,960	972,960	0	0	0	0	6,470	255,556	262,026	0

Project Funding												
Source Code	Division											
FB-SC	47300	0	0						0	0	0	
FB-GR	44007	0	0						0	0	0	
TF (GF)	44007	0	0						0	0	0	
TF (TIF)	44007	0	0						0	0	0	
LGA	44007	0	0						0	0	0	
SA	44007	0	0						0	0	0	
FA	44007	0	0						0	0	0	
LOAN	44007	0	0						0	0	0	
GOB	44007	0	0						0	0	0	
GRANT (Other)	44007	0	0						0	0	0	
		0	0						0	0	0	
		0	0						0	0	0	
FB-SC	47150	0	0						0	0	0	
TF (GF)	47150	0	0						0	0	0	
TF (TIF)	47150	0	0						0	0	0	
LOAN	47150	0	0						0	0	0	
FB-UR	47044	0	0						0	0	0	
TF (GF)	47044	0	0						0	0	0	
TF (TIF)	47044	0	0						0	0	0	
SA	47044	0	0						0	0	0	
FA	47044	0	0						0	0	0	
LOAN	47044	0	0						0	0	0	
		0	0						0	0	0	
FB-UR	47045	972,486	710,460	710,460					6,470	255,556	262,026	
TF (GF)	47045	0	0						0	0	0	
TF (TIF)	47045	0	0						0	0	0	
SA	47045	262,500	262,500	262,500					0	0	0	
FA	47045	0	0						0	0	0	
LOAN	47045	0	0	0					0	0	0	
SA (MFT)	41017	0	0						0	0	0	
SA (IDOT Grant)	41017	0	0						0	0	0	
Project Totals:		1,234,986	972,960	972,960	0	0	0	0	6,470	255,556	262,026	0

IPE NARRATIVE CIP NO: WS1202

CEDAR LAKE PUMP STATION RENOVATIONS

COMMUNITY INVESTMENT PROGRAM

I. DETAILED DESCRIPTION:

The existing pump station was built in 1975 and all equipment, including valves, motors, wiring, and pumps, is original. The existing structure will remain intact, and all equipment will be replaced with modernized equipment.

II. PROJECT JUSTIFICATION:

All of the equipment at this pump station is far beyond its expected service life, and needs to be replaced. This is the only pump station that provides raw water to the Water Treatment Plant, and any failures will severely jeopardize the City's ability to supply water to the public. In addition to eliminating the risk of catastrophic failure, significant cost savings will be realized with newer, more energy efficient equipment.

Project Description: **FEEDER WATER MAIN REPLACEMENTS (10" AND LARGER)**

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	142,451	123,240	23,240	25,000	25,000	25,000	25,000	1,526	17,685	19,211	
531 Contractual	65,356	55,500	19,500	9,000	9,000	9,000	9,000	0	9,856	9,856	
Resident Engineering											
540 Eng. Svc. Div.	108,800	99,920	19,920	20,000	20,000	20,000	20,000	0	8,880	8,880	
541 Contractual	0	0						0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	465,000	0						0	465,000	465,000	
565 Contractual	2,515,000	2,515,000	675,000	450,000	460,000	460,000	470,000	0	0	0	
580 Contingency	50,000	50,000	50,000					0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	3,346,607	2,843,660	787,660	504,000	514,000	514,000	524,000	1,526	501,421	502,947	0

Project Funding												
Source Code	Division											
FB-SC	47300	0	0						0	0	0	
FB-GR	44007	0	0						0	0	0	
TF (GF)	44007	0	0						0	0	0	
TF (TIF)	44007	0	0						0	0	0	
LGA	44007	0	0						0	0	0	
SA	44007	0	0						0	0	0	
FA	44007	0	0						0	0	0	
LOAN	44007	0	0						0	0	0	
GOB	44007	0	0						0	0	0	
GRANT (Other)	44007	0	0						0	0	0	
		0	0						0	0	0	
		0	0						0	0	0	
FB-SC	47150	0	0						0	0	0	
TF (GF)	47150	0	0						0	0	0	
TF (TIF)	47150	0	0						0	0	0	
LOAN	47150	0	0						0	0	0	
FB-UR	47044	0	0						0	0	0	
TF (GF)	47044	0	0						0	0	0	
TF (TIF)	47044	0	0						0	0	0	
SA	47044	0	0						0	0	0	
FA	47044	0	0						0	0	0	
LOAN	47044	0	0						0	0	0	
		0	0						0	0	0	
FB-UR	47045	3,346,607	2,843,660	787,660	504,000	514,000	514,000	524,000	1,526	501,421	502,947	
TF (GF)	47045	0	0						0	0	0	
TF (TIF)	47045	0	0						0	0	0	
SA	47045	0	0						0	0	0	
FA	47045	0	0						0	0	0	
LOAN	47045	0	0						0	0	0	
SA (MFT)	41017	0	0						0	0	0	
SA (IDOT Grant)	41017	0	0						0	0	0	
Project Totals:		3,346,607	2,843,660	787,660	504,000	514,000	514,000	524,000	1,526	501,421	502,947	0

IPE NARRATIVE CIP NO: WS1301

FEEDER WATER MAIN REPLACEMENTS (10" AND LARGER)

COMMUNITY INVESTMENT PROGRAM

I. DETAILED DESCRIPTION:

The purpose of this project is to replace dilapidated water main feeder lines of 10" and larger in diameter.

II. PROJECT JUSTIFICATION:

There are many water mains through the City that are dilapidated and in need of replacement. Priority should be given to the water systems feeder water mains that are 10" or larger in diameter as these lines feed many of the other lines throughout the City. In recent years the City has been experiencing frequent breaks on its 10" diameter water mains on Forest Street and Springer Street, this project will initially concentrate on these areas.

Project Description: CEDAR LAKE SEDIMENT AND NUTRIENT LOAD REDUCTION PROJECTS

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	16,344	12,000					12,000	0	4,344	4,344	
531 Contractual	271,039	175,312	85,312				90,000	0	95,727	95,727	
Resident Engineering											
540 Eng. Svc. Div.	19,960	19,960	9,960				10,000	0	0	0	
541 Contractual	67,000	67,000	32,000				35,000	0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	0	0						0	0	0	
565 Contractual	2,214,100	2,214,100	1,274,100				940,000	0	0	0	
580 Contingency	160,000	160,000	100,000				60,000	0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	2,748,443	2,648,372	1,501,372	0	0	0	1,147,000	0	100,071	100,071	0

Project Funding												
Source Code	Division											
FB-SC	47300	0	0						0	0	0	
FB-GR	44007	0	0						0	0	0	
TF (GF)	44007	0	0						0	0	0	
TF (TIF)	44007	0	0						0	0	0	
LGA	44007	0	0						0	0	0	
SA	44007	0	0						0	0	0	
FA	44007	0	0						0	0	0	
LOAN	44007	0	0						0	0	0	
GOB	44007	0	0						0	0	0	
GRANT (Other)	44007	0	0						0	0	0	
		0	0						0	0	0	
		0	0						0	0	0	
FB-SC	47150	0	0						0	0	0	
TF (GF)	47150	0	0						0	0	0	
TF (TIF)	47150	0	0						0	0	0	
LOAN	47150	0	0						0	0	0	
FB-UR	47044	0	0						0	0	0	
TF (GF)	47044	0	0						0	0	0	
TF (TIF)	47044	0	0						0	0	0	
SA	47044	0	0						0	0	0	
FA	47044	0	0						0	0	0	
LOAN	47044	0	0						0	0	0	
		0	0						0	0	0	
FB-UR	47045	1,063,443	1,039,953	642,953			397,000	0	23,490	23,490		
TF (GF)	47045	0	0					0	0	0		
TF (TIF)	47045	0	0					0	0	0		
SA	47045	1,500,000	1,439,957	689,957			750,000	0	60,043	60,043		
FA	47045	185,000	168,462	168,462				0	16,538	16,538		
LOAN	47045	0	0					0	0	0		
SA (MFT)	41017	0	0					0	0	0		
SA (IDOT Grant)	41017	0	0					0	0	0		
Project Totals:		2,748,443	2,648,372	1,501,372	0	0	0	1,147,000	0	100,071	100,071	0

IPE NARRATIVE CIP NO: WS1503

CEDAR LAKE SEDIMENT AND NUTRIENT LOAD REDUCTION PROJECTS

COMMUNITY INVESTMENT PROGRAM

I. DETAILED DESCRIPTION:

Stabilize 14,000 linear ft. of Cedar Lake shoreline; stabilize 20,000 linear ft. of gully and construct sediment control basins on 200 acres within the watershed.

II. PROJECT JUSTIFICATION:

Identified impairments to Cedar Lake will be addressed by reducing phosphorous, nitrogen and sediment loading. The proposal will address shoreline erosion and turbid water with a reduction in these impairments, as well.

Project Description: **WATER PLANT CLEARWELL PAINTING AND REPAIRS**

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	1,157	0						0	1,157	1,157	
531 Contractual	0	0						0	0	0	
Resident Engineering											
540 Eng. Svc. Div.	2,389	1,992	1,992					0	397	397	
541 Contractual	0	0						0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	289,923	0						0	289,923	289,923	
565 Contractual	289,923	289,923	289,923					0	0	0	
580 Contingency	5,000	5,000	5,000					0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	588,392	296,915	296,915	0	0	0	0	0	291,477	291,477	0

Project Funding												
Source Code	Division											
FB-SC	47300	0	0						0	0	0	
FB-GR	44007	0	0						0	0	0	
TF (GF)	44007	0	0						0	0	0	
TF (TIF)	44007	0	0						0	0	0	
LGA	44007	0	0						0	0	0	
SA	44007	0	0						0	0	0	
FA	44007	0	0						0	0	0	
LOAN	44007	0	0						0	0	0	
GOB	44007	0	0						0	0	0	
GRANT (Other)	44007	0	0						0	0	0	
		0	0						0	0	0	
		0	0						0	0	0	
FB-SC	47150	0	0						0	0	0	
TF (GF)	47150	0	0						0	0	0	
TF (TIF)	47150	0	0						0	0	0	
LOAN	47150	0	0						0	0	0	
FB-UR	47044	0	0						0	0	0	
TF (GF)	47044	0	0						0	0	0	
TF (TIF)	47044	0	0						0	0	0	
SA	47044	0	0						0	0	0	
FA	47044	0	0						0	0	0	
LOAN	47044	0	0						0	0	0	
		0	0						0	0	0	
FB-UR	47045	588,392	296,915	296,915					0	291,477	291,477	
TF (GF)	47045	0	0						0	0	0	
TF (TIF)	47045	0	0						0	0	0	
SA	47045	0	0						0	0	0	
FA	47045	0	0						0	0	0	
LOAN	47045	0	0						0	0	0	
SA (MFT)	41017	0	0						0	0	0	
SA (IDOT Grant)	41017	0	0						0	0	0	
Project Totals:		588,392	296,915	296,915	0	0	0	0	0	291,477	291,477	0

IPE NARRATIVE CIP NO: WS1601

WATER PLANT CLEARWELL PAINTING AND REPAIRS

COMMUNITY INVESTMENT PROGRAM

I. DETAILED DESCRIPTION:

This project consists of the refurbishing and painting of the two (2) 1,000,000 gallon clear wells at the Water Treatment Plant.

II. PROJECT JUSTIFICATION:

The City's Water Treatment Plant was built in the early 1990's. A few years ago Staff had inspections performed on all of the City's water towers as well as the two (2) clear wells at the water treatment plant. Staff has since painted the clear well exteriors but now the interior of the tanks needs to be repaired and painted, this work is beyond the scope of what can be accomplished in-house and therefore plans and specifications need to be prepared for the required work.

Project Description: **WATER PLANT FILTER REHABILITATION**

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	10,320	10,320	3,320	3,500	3,500			0	0	0	
531 Contractual	0	0						0	0	0	
Resident Engineering											
540 Eng. Svc. Div.	5,992	5,992	1,992	2,000	2,000			0	0	0	
541 Contractual	0	0						0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	0	0						0	0	0	
565 Contractual	750,000	750,000	250,000	250,000	250,000			0	0	0	
580 Contingency	75,000	75,000	25,000	25,000	25,000			0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	841,312	841,312	280,312	280,500	280,500	0	0	0	0	0	0

Project Funding											
Source Code	Division										
FB-SC	47300	0	0						0	0	0
FB-GR	44007	0	0						0	0	0
TF (GF)	44007	0	0						0	0	0
TF (TIF)	44007	0	0						0	0	0
LGA	44007	0	0						0	0	0
SA	44007	0	0						0	0	0
FA	44007	0	0						0	0	0
LOAN	44007	0	0						0	0	0
GOB	44007	0	0						0	0	0
GRANT (Other)	44007	0	0						0	0	0
		0	0						0	0	0
		0	0						0	0	0
FB-SC	47150	0	0						0	0	0
TF (GF)	47150	0	0						0	0	0
TF (TIF)	47150	0	0						0	0	0
LOAN	47150	0	0						0	0	0
FB-UR	47044	0	0						0	0	0
TF (GF)	47044	0	0						0	0	0
TF (TIF)	47044	0	0						0	0	0
SA	47044	0	0						0	0	0
FA	47044	0	0						0	0	0
LOAN	47044	0	0						0	0	0
		0	0						0	0	0
FB-UR	47045	841,312	841,312	280,312	280,500	280,500			0	0	0
TF (GF)	47045	0	0						0	0	0
TF (TIF)	47045	0	0						0	0	0
SA	47045	0	0						0	0	0
FA	47045	0	0						0	0	0
LOAN	47045	0	0						0	0	0
SA (MFT)	41017	0	0						0	0	0
SA (IDOT Grant)	41017	0	0						0	0	0
Project Totals:		841,312	841,312	280,312	280,500	280,500	0	0	0	0	0

IPE NARRATIVE CIP NO: WS1701

WATER PLANT FILTER REHABILITATION

COMMUNITY INVESTMENT PROGRAM

I. DETAILED DESCRIPTION:

This project will provide for the rehabilitation of two (2) of the six (6) filters each year until they have all been rehabilitated to a like new condition.

II. PROJECT JUSTIFICATION:

The City's water treatment plant is over 20 years old as such the filter equipment is in need of rehabilitation.

Project Description: **DIXON STREET WATERLINE REPLACEMENT (OLD WEST MAIN TOSKYLINE)**

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	13,280	13,280	13,280					0	0	0	
531 Contractual	0	0						0	0	0	
Resident Engineering											
540 Eng. Svc. Div.	6,640	6,640	6,640					0	0	0	
541 Contractual	0	0						0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	0	0						0	0	0	
565 Contractual	125,000	125,000	125,000					0	0	0	
580 Contingency	0	0						0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	144,920	144,920	144,920	0	0	0	0	0	0	0	0

Project Funding											
Source Code	Division										
FB-SC	47300	0	0						0	0	0
FB-GR	44007	0	0						0	0	0
TF (GF)	44007	0	0						0	0	0
TF (TIF)	44007	0	0						0	0	0
LGA	44007	0	0						0	0	0
SA	44007	0	0						0	0	0
FA	44007	0	0						0	0	0
LOAN	44007	0	0						0	0	0
GOB	44007	0	0						0	0	0
GRANT (Other)	44007	0	0						0	0	0
		0	0						0	0	0
		0	0						0	0	0
FB-SC	47150	0	0						0	0	0
TF (GF)	47150	0	0						0	0	0
TF (TIF)	47150	0	0						0	0	0
LOAN	47150	0	0						0	0	0
FB-UR	47044	0	0						0	0	0
TF (GF)	47044	0	0						0	0	0
TF (TIF)	47044	0	0						0	0	0
SA	47044	0	0						0	0	0
FA	47044	0	0						0	0	0
LOAN	47044	0	0						0	0	0
		0	0						0	0	0
FB-UR	47045	144,920	144,920	144,920					0	0	0
TF (GF)	47045	0	0						0	0	0
TF (TIF)	47045	0	0						0	0	0
SA	47045	0	0						0	0	0
FA	47045	0	0						0	0	0
LOAN	47045	0	0						0	0	0
SA (MFT)	41017	0	0						0	0	0
SA (IDOT Grant)	41017	0	0						0	0	0
Project Totals:		144,920	144,920	144,920	0						

IPE NARRATIVE CIP NO: WS1702

DIXON STREET WATERLINE REPLACEMENT (OLD WEST MAIN TO SKYLINE)

COMMUNITY INVESTMENT PROGRAM

I. DETAILED DESCRIPTION:

Design and construct a new watermain along Dixon Street.

II. PROJECT JUSTIFICATION:

The watermain along Dixon Street are dilapidated and have experienced numerous breaks in the last few years. This watermain is in need of replacement.

FY 2017 FUNDED 5-YEAR COMMUNITY INVESTMENT PROGRAM

WASTEWATER SYSTEM:

WW1001	Northwest Wastewater Treatment Plant Nutrient Removal Upgrades
WW1002	Northwest Wastewater Treatment Plant Bar Screen on Grit Chamber
WW1005	Southeast Wastewater Treatment Plant Mechanical Bar Screen
WW1006	Alarm Communication and Flow Monitoring System for All Lift Stations
WW1007	Kent Drive - Lift Station and Foremain Replacement
WW1009	Northwest Wastewater Treatment Plant Effluent Pump Replacement
WW1301	Lift Station Emergency Power System
WW1601	Northwest Wastewater Treatment Plant River Vault Renovations
WW1701	NWWWTP Concrete Bottoms in the Sludge Holding Lagoons
WW1702	SEWWTP Excess Flow Lagoon Modifications
WW1703	SEWWTP Logic Cabinet Upgrades

Project Description: SUMMARY OF PROJECTS FOR 5 YEAR CIP

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	204,628	141,800	49,800	6,000	70,000		16,000	14,141	48,687	62,828	
531 Contractual	308,000	288,000	70,000	18,000	80,000		120,000	0	20,000	20,000	
Resident Engineering											
540 Eng. Svc. Div.	132,799	132,480	46,480	14,000	20,000	37,000	15,000	319	0	319	
541 Contractual	27,000	27,000	8,000		5,000	4,000	10,000	0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	130,000	130,000	130,000					0	0	0	
565 Contractual	4,520,525	4,235,000	1,860,000	350,000	500,000	775,000	750,000	285,525	0	285,525	
580 Contingency	431,000	431,000	271,000	25,000	35,000	25,000	75,000	0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	5,753,952	5,385,280	2,435,280	413,000	710,000	841,000	986,000	299,985	68,687	368,672	

Project Funding												
Source Code	Division											
FB-SC	47300	0	0							0	0	0
FB-GR	44007	0	0							0	0	0
TF (GF)	44007	0	0							0	0	0
TF (TIF)	44007	0	0							0	0	0
LGA	44007	0	0							0	0	0
SA	44007	0	0							0	0	0
FA	44007	0	0							0	0	0
LOAN	44007	0	0							0	0	0
GOB	44007	0	0							0	0	0
GRANT (Other)	44007	0	0							0	0	0
		0	0							0	0	0
		0	0							0	0	0
FB-SC	47150	0	0							0	0	0
TF (GF)	47150	0	0							0	0	0
TF (TIF)	47150	0	0							0	0	0
LOAN	47150	0	0							0	0	0
FB-UR	47044	5,533,952	5,385,280	2,435,280	413,000	710,000	841,000	986,000	79,985	68,687	148,672	
TF (GF)	47044	0	0						0	0	0	
TF (TIF)	47044	0	0						0	0	0	
SA	47044	220,000	0						220,000	0	220,000	
FA	47044	0	0						0	0	0	
LOAN	47044	0	0						0	0	0	
		0	0						0	0	0	
FB-UR	47045	0	0						0	0	0	
TF (GF)	47045	0	0						0	0	0	
TF (TIF)	47045	0	0						0	0	0	
SA	47045	0	0						0	0	0	
FA	47045	0	0						0	0	0	
LOAN	47045	0	0						0	0	0	
SA (MFT)	41017	0	0						0	0	0	
SA (IDOT Grant)	41017	0	0						0	0	0	
Project Totals:		5,753,952	5,385,280	2,435,280	413,000	710,000	841,000	986,000	299,985	68,687	368,672	

Project Description: NWWWTP NUTRIENT REMOVAL UPGRADES

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	30,145	27,320	3,320		8,000		16,000	0	2,825	2,825	
531 Contractual	260,000	240,000	70,000		50,000		120,000	0	20,000	20,000	
Resident Engineering											
540 Eng. Svc. Div.	42,280	42,280	13,280		14,000		15,000	0	0	0	
541 Contractual	23,000	23,000	8,000		5,000		10,000	0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	0	0						0	0	0	
565 Contractual	1,900,000	1,900,000	800,000		350,000		750,000	0	0	0	
580 Contingency	270,000	270,000	160,000		35,000		75,000	0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	2,525,425	2,502,600	1,054,600	0	462,000	0	986,000	0	22,825	22,825	0

Project Funding												
Source Code	Division											
FB-SC	47300	0	0							0	0	0
FB-GR	44007	0	0							0	0	0
TF (GF)	44007	0	0							0	0	0
TF (TIF)	44007	0	0							0	0	0
LGA	44007	0	0							0	0	0
SA	44007	0	0							0	0	0
FA	44007	0	0							0	0	0
LOAN	44007	0	0							0	0	0
GOB	44007	0	0							0	0	0
GRANT (Other)	44007	0	0							0	0	0
		0	0							0	0	0
		0	0							0	0	0
FB-SC	47150	0	0							0	0	0
TF (GF)	47150	0	0							0	0	0
TF (TIF)	47150	0	0							0	0	0
LOAN	47150	0	0							0	0	0
FB-UR	47044	2,525,425	2,502,600	1,054,600		462,000		986,000	0	22,825	22,825	
TF (GF)	47044	0	0						0	0	0	
TF (TIF)	47044	0	0						0	0	0	
SA	47044	0	0						0	0	0	
FA	47044	0	0						0	0	0	
LOAN	47044	0	0						0	0	0	
		0	0						0	0	0	
FB-UR	47045	0	0						0	0	0	
TF (GF)	47045	0	0						0	0	0	
TF (TIF)	47045	0	0						0	0	0	
SA	47045	0	0						0	0	0	
FA	47045	0	0						0	0	0	
LOAN	47045	0	0						0	0	0	
SA (MFT)	41017	0	0						0	0	0	
SA (IDOT Grant)	41017	0	0						0	0	0	
Project Totals:		2,525,425	2,502,600	1,054,600	0	462,000	0	986,000	0	22,825	22,825	0

IPE NARRATIVE CIP NO: WW1001

NORTHWEST WASTEWATER TREATMENT PLANT NUTRIENT REMOVAL UPGRADES
COMMUNITY INVESTMENT PROGRAM

I. DETAILED DESCRIPTION:

The purpose of this project is to Study the existing capabilities of the treatment system to meet new nutrient removal requirements, make recommendations for improvements, and design and implement the chosen improvements.

II. PROJECT JUSTIFICATION:

In order to meet forthcoming nutrient removal mandates from the Illinois Environmental Protection Agency (IEPA) as well as improve wastewater treatment efficiencies it is necessary to review the treatment processes and make needed changes.

Project Description: **NWWWTP BAR SCREEN ON GRIT CHAMBER**

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	9,947	0						0	9,947	9,947	
531 Contractual	0	0						0	0	0	
Resident Engineering											
540 Eng. Svc. Div.	4,980	4,980	4,980					0	0	0	
541 Contractual	0	0						0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	0	0						0	0	0	
565 Contractual	360,000	360,000	360,000					0	0	0	
580 Contingency	36,000	36,000	36,000					0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	410,927	400,980	400,980	0	0	0	0	0	9,947	9,947	0

Project Funding												
Source Code	Division											
FB-SC	47300	0	0						0	0	0	
FB-GR	44007	0	0						0	0	0	
TF (GF)	44007	0	0						0	0	0	
TF (TIF)	44007	0	0						0	0	0	
LGA	44007	0	0						0	0	0	
SA	44007	0	0						0	0	0	
FA	44007	0	0						0	0	0	
LOAN	44007	0	0						0	0	0	
GOB	44007	0	0						0	0	0	
GRANT (Other)	44007	0	0						0	0	0	
		0	0						0	0	0	
		0	0						0	0	0	
FB-SC	47150	0	0						0	0	0	
TF (GF)	47150	0	0						0	0	0	
TF (TIF)	47150	0	0						0	0	0	
LOAN	47150	0	0						0	0	0	
FB-UR	47044	410,927	400,980	400,980					0	9,947	9,947	
TF (GF)	47044	0	0						0	0	0	
TF (TIF)	47044	0	0						0	0	0	
SA	47044	0	0						0	0	0	
FA	47044	0	0						0	0	0	
LOAN	47044	0	0						0	0	0	
		0	0						0	0	0	
FB-UR	47045	0	0						0	0	0	
TF (GF)	47045	0	0						0	0	0	
TF (TIF)	47045	0	0						0	0	0	
SA	47045	0	0						0	0	0	
FA	47045	0	0						0	0	0	
LOAN	47045	0	0						0	0	0	
SA (MFT)	41017	0	0						0	0	0	
SA (IDOT Grant)	41017	0	0						0	0	0	
Project Totals:		410,927	400,980	400,980	0	0	0	0	0	9,947	9,947	0

IPE NARRATIVE CIP NO: WW1002

NORTHWEST WASTEWATER TREATMENT PLANT

BAR SCREEN ON GRIT CHAMBER

COMMUNITY INVESTMENT PROGRAM

I. DETAILED DESCRIPTION:

To replace the bar screen with a finer one.

II. PROJECT JUSTIFICATION:

To reduce rags and lower maintenance.

Project Description: **SEWWTP MECHANICAL BAR SCREEN**

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	15,000	15,000			15,000			0	0	0	
531 Contractual	30,000	30,000			30,000			0	0	0	
Resident Engineering											
540 Eng. Svc. Div.	12,000	12,000				12,000		0	0	0	
541 Contractual	4,000	4,000				4,000		0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	0	0						0	0	0	
565 Contractual	425,000	425,000				425,000		0	0	0	
580 Contingency	25,000	25,000				25,000		0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	511,000	511,000	0	0	45,000	466,000	0	0	0	0	0

Project Funding											
Source Code	Division										
FB-SC	47300	0	0						0	0	0
FB-GR	44007	0	0						0	0	0
TF (GF)	44007	0	0						0	0	0
TF (TIF)	44007	0	0						0	0	0
LGA	44007	0	0						0	0	0
SA	44007	0	0						0	0	0
FA	44007	0	0						0	0	0
LOAN	44007	0	0						0	0	0
GOB	44007	0	0						0	0	0
GRANT (Other)	44007	0	0						0	0	0
		0	0						0	0	0
		0	0						0	0	0
FB-SC	47150	0	0						0	0	0
TF (GF)	47150	0	0						0	0	0
TF (TIF)	47150	0	0						0	0	0
LOAN	47150	0	0						0	0	0
FB-UR	47044	511,000	511,000			45,000	466,000		0	0	0
TF (GF)	47044	0	0						0	0	0
TF (TIF)	47044	0	0						0	0	0
SA	47044	0	0						0	0	0
FA	47044	0	0						0	0	0
LOAN	47044	0	0						0	0	0
		0	0						0	0	0
FB-UR	47045	0	0						0	0	0
TF (GF)	47045	0	0						0	0	0
TF (TIF)	47045	0	0						0	0	0
SA	47045	0	0						0	0	0
FA	47045	0	0						0	0	0
LOAN	47045	0	0						0	0	0
SA (MFT)	41017	0	0						0	0	0
SA (IDOT Grant)	41017	0	0						0	0	0
Project Totals:		511,000	511,000	0	0	45,000	466,000	0	0	0	0

IPE NARRATIVE CIP NO: WW1005

SOUTHEAST WASTEWATER TREATMENT PLANT MECHANICAL BAR SCREEN

COMMUNITY INVESTMENT PROGRAM

I. DETAILED DESCRIPTION:

Installation of a mechanical bar screen in the raw wetwell to remove trash and debris from the wastewater stream prior to raw pumps.

II. PROJECT JUSTIFICATION:

To reduce maintenance issues with debris coming through the raw pumps and improve safety for personnel by reducing necessity of entering a confined space.

Project Description: **LIFT STATION ALARM AND FLOW COMMUNICATIONS**

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	13,408	0						0	13,408	13,408	
531 Contractual	0	0						0	0	0	
Resident Engineering											
540 Eng. Svc. Div.	6,640	6,640	6,640					0	0	0	
541 Contractual	0	0						0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	0	0						0	0	0	
565 Contractual	115,000	115,000	115,000					0	0	0	
580 Contingency	15,000	15,000	15,000					0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	150,048	136,640	136,640	0	0	0	0	0	13,408	13,408	0

Project Funding												
Source Code	Division											
FB-SC	47300	0	0						0	0	0	
FB-GR	44007	0	0						0	0	0	
TF (GF)	44007	0	0						0	0	0	
TF (TIF)	44007	0	0						0	0	0	
LGAs	44007	0	0						0	0	0	
SA	44007	0	0						0	0	0	
FA	44007	0	0						0	0	0	
LOAN	44007	0	0						0	0	0	
GOB	44007	0	0						0	0	0	
GRANT (Other)	44007	0	0						0	0	0	
		0	0						0	0	0	
		0	0						0	0	0	
FB-SC	47150	0	0						0	0	0	
TF (GF)	47150	0	0						0	0	0	
TF (TIF)	47150	0	0						0	0	0	
LOAN	47150	0	0						0	0	0	
FB-UR	47044	150,048	136,640	136,640					0	13,408	13,408	
TF (GF)	47044	0	0						0	0	0	
TF (TIF)	47044	0	0						0	0	0	
SA	47044	0	0						0	0	0	
FA	47044	0	0						0	0	0	
LOAN	47044	0	0						0	0	0	
		0	0						0	0	0	
FB-UR	47045	0	0						0	0	0	
TF (GF)	47045	0	0						0	0	0	
TF (TIF)	47045	0	0						0	0	0	
SA	47045	0	0						0	0	0	
FA	47045	0	0						0	0	0	
LOAN	47045	0	0						0	0	0	
SA (MFT)	41017	0	0						0	0	0	
SA (IDOT Grant)	41017	0	0						0	0	0	
Project Totals:		150,048	136,640	136,640	0	0	0	0	0	13,408	13,408	0

IPE NARRATIVE CIP NO: WW1006

**ALARM COMMUNICATION AND FLOW MONITORING SYSTEM
FOR ALL LIFT STATIONS**

COMMUNITY INVESTMENT PROGRAM

I. DETAILED DESCRIPTION:

The purpose of this project is to install new communication and monitoring systems for the City's Sanitary Sewer Lift Stations.

II. PROJECT JUSTIFICATION:

The existing monitoring systems for the City's Sanitary Sewer Lift Stations consists of automatic dialers that use telephone lines to place calls to staff to inform them of issues. The existing system is very basic and does not have any way to provide actual feedback or monitoring of systems at the lift stations. Newer technology will allow staff to interact with the lift stations remotely and provide flow, pump, power, and alarm information on a real time basis.

Project Description: **KENT DRIVE LIFT STATION AND FORCEMAIN MODIFICATIONS**

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	35,000	35,000			35,000			0	0	0	
531 Contractual	0	0						0	0	0	
Resident Engineering											
540 Eng. Svc. Div.	25,000	25,000				25,000		0	0	0	
541 Contractual	0	0						0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	0	0						0	0	0	
565 Contractual	350,000	350,000				350,000		0	0	0	
580 Contingency	0	0						0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	410,000	410,000	0	0	35,000	375,000	0	0	0	0	0

Project Funding											
Source Code	Division										
FB-SC	47300	0	0						0	0	0
FB-GR	44007	0	0						0	0	0
TF (GF)	44007	0	0						0	0	0
TF (TIF)	44007	0	0						0	0	0
LGA	44007	0	0						0	0	0
SA	44007	0	0						0	0	0
FA	44007	0	0						0	0	0
LOAN	44007	0	0						0	0	0
GOB	44007	0	0						0	0	0
GRANT (Other)	44007	0	0						0	0	0
		0	0						0	0	0
		0	0						0	0	0
FB-SC	47150	0	0						0	0	0
TF (GF)	47150	0	0						0	0	0
TF (TIF)	47150	0	0						0	0	0
LOAN	47150	0	0						0	0	0
FB-UR	47044	410,000	410,000			35,000	375,000		0	0	0
TF (GF)	47044	0	0						0	0	0
TF (TIF)	47044	0	0						0	0	0
SA	47044	0	0						0	0	0
FA	47044	0	0						0	0	0
LOAN	47044	0	0						0	0	0
		0	0						0	0	0
FB-UR	47045	0	0						0	0	0
TF (GF)	47045	0	0						0	0	0
TF (TIF)	47045	0	0						0	0	0
SA	47045	0	0						0	0	0
FA	47045	0	0						0	0	0
LOAN	47045	0	0						0	0	0
SA (MFT)	41017	0	0						0	0	0
SA (IDOT Grant)	41017	0	0						0	0	0
Project Totals:		410,000	410,000	0	0	35,000	375,000	0	0	0	0

IPE NARRATIVE CIP NO: WW1007

KENT DRIVE LIFT STATION & FORCEMAIN REPLACEMENT

CAPITAL IMPROVEMENTS PROGRAM

I. DETAILED DESCRIPTION:

The purpose of this project is to evaluate the capacity and location of the Kent Drive Lift Station and Forcemain, study options for replacement, and design and implement the selected option.

II. PROJECT JUSTIFICATION:

The Kent Drive Sanitary Sewer Lift Station and Forcemain are nearing capacity and need to be evaluated to ensure continued reliability. As the existing lift station is not in an ideal location, it is likely that a new lift station will need to be constructed in an alternate location.

Project Description: NWWWTP EFFLUENT PUMP REPLACEMENT

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	12,000	12,000			12,000			0	0	0	
531 Contractual	0	0						0	0	0	
Resident Engineering											
540 Eng. Svc. Div.	6,000	6,000			6,000			0	0	0	
541 Contractual	0	0						0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	0	0						0	0	0	
565 Contractual	150,000	150,000			150,000			0	0	0	
580 Contingency	0	0						0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	168,000	168,000	0	0	168,000	0	0	0	0	0	0

Project Funding											
Source Code	Division										
FB-SC	47300	0	0						0	0	0
FB-GR	44007	0	0						0	0	0
TF (GF)	44007	0	0						0	0	0
TF (TIF)	44007	0	0						0	0	0
LGA	44007	0	0						0	0	0
SA	44007	0	0						0	0	0
FA	44007	0	0						0	0	0
LOAN	44007	0	0						0	0	0
GOB	44007	0	0						0	0	0
GRANT (Other)	44007	0	0						0	0	0
		0	0						0	0	0
		0	0						0	0	0
FB-SC	47150	0	0						0	0	0
TF (GF)	47150	0	0						0	0	0
TF (TIF)	47150	0	0						0	0	0
LOAN	47150	0	0						0	0	0
FB-UR	47044	168,000	168,000			168,000			0	0	0
TF (GF)	47044	0	0						0	0	0
TF (TIF)	47044	0	0						0	0	0
SA	47044	0	0						0	0	0
FA	47044	0	0						0	0	0
LOAN	47044	0	0						0	0	0
		0	0						0	0	0
FB-UR	47045	0	0						0	0	0
TF (GF)	47045	0	0						0	0	0
TF (TIF)	47045	0	0						0	0	0
SA	47045	0	0						0	0	0
FA	47045	0	0						0	0	0
LOAN	47045	0	0						0	0	0
SA (MFT)	41017	0	0						0	0	0
SA (IDOT Grant)	41017	0	0						0	0	0
Project Totals:		168,000	168,000	0	0	168,000	0	0	0	0	0

IPE NARRATIVE CIP NO: WW1009
NWWWTP EFFLUENT PUMP REPLACEMENT
CAPITAL IMPROVEMENTS PROGRAM

I. DETAILED DESCRIPTION:

The purpose of this project is to improve the energy efficiency and reliability of the effluent pumps at the NWWWTP. New pumping systems and controls will be designed and constructed.

II. PROJECT JUSTIFICATION:

The effluent pumps at the NWWWTP are aging and highly inefficient, new pumps and variable frequency drives (VFD's) would improve the efficiency of the plant during time of high flow.

Project Description: LIFT STATION EMERGENCY POWER SYSTEMS

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	34,199	0						14,141	20,058	34,199	
531 Contractual	0	0						0	0	0	
Resident Engineering											
540 Eng. Svc. Div.	10,279	9,960	9,960					319	0	319	
541 Contractual	0	0						0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	130,000	130,000	130,000					0	0	0	
565 Contractual	295,525	10,000	10,000					285,525	0	285,525	
580 Contingency	0	0						0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	470,003	149,960	149,960	0	0	0	0	299,985	20,058	320,043	0

Project Funding											
Source Code	Division										
FB-SC	47300	0	0					0	0	0	
FB-GR	44007	0	0					0	0	0	
TF (GF)	44007	0	0					0	0	0	
TF (TIF)	44007	0	0					0	0	0	
LGA	44007	0	0					0	0	0	
SA	44007	0	0					0	0	0	
FA	44007	0	0					0	0	0	
LOAN	44007	0	0					0	0	0	
GOB	44007	0	0					0	0	0	
GRANT (Other)	44007	0	0					0	0	0	
		0	0					0	0	0	
		0	0					0	0	0	
FB-SC	47150	0	0					0	0	0	
TF (GF)	47150	0	0					0	0	0	
TF (TIF)	47150	0	0					0	0	0	
LOAN	47150	0	0					0	0	0	
FB-UR	47044	250,003	149,960	149,960				79,985	20,058	100,043	
TF (GF)	47044	0	0					0	0	0	
TF (TIF)	47044	0	0					0	0	0	
SA	47044	220,000	0					220,000	0	220,000	
FA	47044	0	0					0	0	0	
LOAN	47044	0	0					0	0	0	
		0	0					0	0	0	
FB-UR	47045	0	0					0	0	0	
TF (GF)	47045	0	0					0	0	0	
TF (TIF)	47045	0	0					0	0	0	
SA	47045	0	0					0	0	0	
FA	47045	0	0					0	0	0	
LOAN	47045	0	0					0	0	0	
SA (MFT)	41017	0	0					0	0	0	
SA (IDOT Grant)	41017	0	0					0	0	0	
Project Totals:		470,003	149,960	149,960	0	0	0	299,985	20,058	320,043	0

IPE NARRATIVE CIP NO. WW1301

LIFT STATION EMERGENCY POWER SYSTEMS

COMMUNITY INVESTMENT PROGRAM

I. DETAILED DESCRIPTION:

This project will provide emergency backup power to various lift stations throughout the City.

II. PROJECT JUSTIFICATION:

During power outages it is necessary for City staff to travel from lift station to lift station with portable generators and or pumps to prevent sewage backups. Installation of emergency generators at key lift stations will lessen the burden on staff and provide for seamless operation of these lift stations during power outages.

Project Description: NWWWTP RIVER VAULT RENOVATIONS

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	19,049	16,600	16,600					0	2,449	2,449	
531 Contractual	0	0						0	0	0	
Resident Engineering											
540 Eng. Svc. Div.	4,980	4,980	4,980					0	0	0	
541 Contractual	0	0						0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	0	0						0	0	0	
565 Contractual	350,000	350,000	350,000					0	0	0	
580 Contingency	35,000	35,000	35,000					0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	409,029	406,580	406,580	0	0	0	0	0	2,449	2,449	0

Project Funding												
Source Code	Division											
FB-SC	47300	0	0						0	0	0	
FB-GR	44007	0	0						0	0	0	
TF (GF)	44007	0	0						0	0	0	
TF (TIF)	44007	0	0						0	0	0	
LGA	44007	0	0						0	0	0	
SA	44007	0	0						0	0	0	
FA	44007	0	0						0	0	0	
LOAN	44007	0	0						0	0	0	
GOB	44007	0	0						0	0	0	
GRANT (Other)	44007	0	0						0	0	0	
		0	0						0	0	0	
		0	0						0	0	0	
FB-SC	47150	0	0						0	0	0	
TF (GF)	47150	0	0						0	0	0	
TF (TIF)	47150	0	0						0	0	0	
LOAN	47150	0	0						0	0	0	
FB-UR	47044	409,029	406,580	406,580					0	2,449	2,449	
TF (GF)	47044	0	0						0	0	0	
TF (TIF)	47044	0	0						0	0	0	
SA	47044	0	0						0	0	0	
FA	47044	0	0						0	0	0	
LOAN	47044	0	0						0	0	0	
		0	0						0	0	0	
FB-UR	47045	0	0						0	0	0	
TF (GF)	47045	0	0						0	0	0	
TF (TIF)	47045	0	0						0	0	0	
SA	47045	0	0						0	0	0	
FA	47045	0	0						0	0	0	
LOAN	47045	0	0						0	0	0	
SA (MFT)	41017	0	0						0	0	0	
SA (IDOT Grant)	41017	0	0						0	0	0	
Project Totals:		409,029	406,580	406,580	0	0	0	0	0	2,449	2,449	0

IPE NARRATIVE CIP NO. WW1601

**NORTHWEST WASTEWATER TREATMENT PLANT RIVER VAULT RENOVATIONS
COMMUNITY INVESTMENT PROGRAM**

I. DETAILED DESCRIPTION:

The purpose of this project is to evaluate the condition of the existing river vault and siphon control systems, decide on appropriate renovations, and implement these renovations.

II. PROJECT JUSTIFICATION:

The NWWWTP effluent is discharged to the Big Muddy River through a siphon system. This system prevents the effluent from having to be pumped and saves the City significant electrical costs. The control structure at the Big Muddy River is referred to as the "River Vault" and consists of a 12' x 18' underground vault that houses the valves and controls; this vault is accessed through a 40' long 4' diameter tube that extend to the surface. The existing steel vault and tube were installed in the early 1980's and are beginning to show significant signs of corrosion and deterioration.

Project Description: **NWWTP INSTALL CONCRETE BOTTOMS IN THE SLUDGE HOLDING LAGOONS**

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	13,280	13,280	13,280					0	0	0	
531 Contractual	0	0						0	0	0	
Resident Engineering											
540 Eng. Svc. Div.	14,000	14,000		14,000				0	0	0	
541 Contractual	0	0						0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	0	0						0	0	0	
565 Contractual	225,000	225,000		225,000				0	0	0	
580 Contingency	0	0						0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	252,280	252,280	13,280	239,000	0	0	0	0	0	0	0

Project Funding											
Source Code	Division										
FB-SC	47300	0	0						0	0	0
FB-GR	44007	0	0						0	0	0
TF (GF)	44007	0	0						0	0	0
TF (TIF)	44007	0	0						0	0	0
LGA	44007	0	0						0	0	0
SA	44007	0	0						0	0	0
FA	44007	0	0						0	0	0
LOAN	44007	0	0						0	0	0
GOB	44007	0	0						0	0	0
GRANT (Other)	44007	0	0						0	0	0
		0	0						0	0	0
FB-SC	47150	0	0						0	0	0
TF (GF)	47150	0	0						0	0	0
TF (TIF)	47150	0	0						0	0	0
LOAN	47150	0	0						0	0	0
FB-UR	47044	252,280	252,280	13,280	239,000				0	0	0
TF (GF)	47044	0	0						0	0	0
TF (TIF)	47044	0	0						0	0	0
SA	47044	0	0						0	0	0
FA	47044	0	0						0	0	0
LOAN	47044	0	0						0	0	0
		0	0						0	0	0
FB-UR	47045	0	0						0	0	0
TF (GF)	47045	0	0						0	0	0
TF (TIF)	47045	0	0						0	0	0
SA	47045	0	0						0	0	0
FA	47045	0	0						0	0	0
LOAN	47045	0	0						0	0	0
SA (MFT)	41017	0	0						0	0	0
SA (IDOT Grant)	41017	0	0						0	0	0
Project Totals:		252,280	252,280	13,280	239,000	0	0	0	0	0	0

IPE NARRATIVE CIP NO. WW1701

NORTHWEST WASTEWATER TREATMENT PLANT
INSTALL CONCRETE BOTTOMS
IN THE SLUDGE HOLDING LAGOONS

COMMUNITY INVESTMENT PROGRAM

I. DETAILED DESCRIPTION:

Design and construct concrete bottoms for the sludge lagoons at the NWWWTP.

II. PROJECT JUSTIFICATION:

Many of the sludge holding lagoons at the both the SEWWTP and the NWWWTP have concrete bottoms in them. Lagoons with concrete bottoms are significantly easier to operate and maintain. Staff recommends installing concrete bottoms in the lagoons that do not have them.

Project Description: **SEWWTP EXCESS FLOW LAGOON MODIFICATIONS**

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	16,600	16,600	16,600					0	0	0	
531 Contractual	0	0						0	0	0	
Resident Engineering											
540 Eng. Svc. Div.	6,640	6,640	6,640					0	0	0	
541 Contractual	0	0						0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	0	0						0	0	0	
565 Contractual	225,000	225,000	225,000					0	0	0	
580 Contingency	25,000	25,000	25,000					0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	273,240	273,240	273,240	0	0	0	0	0	0	0	0

Project Funding											
Source Code	Division										
FB-SC	47300	0	0						0	0	0
FB-GR	44007	0	0						0	0	0
TF (GF)	44007	0	0						0	0	0
TF (TIF)	44007	0	0						0	0	0
LGA	44007	0	0						0	0	0
SA	44007	0	0						0	0	0
FA	44007	0	0						0	0	0
LOAN	44007	0	0						0	0	0
GOB	44007	0	0						0	0	0
GRANT (Other)	44007	0	0						0	0	0
		0	0						0	0	0
		0	0						0	0	0
FB-SC	47150	0	0						0	0	0
TF (GF)	47150	0	0						0	0	0
TF (TIF)	47150	0	0						0	0	0
LOAN	47150	0	0						0	0	0
FB-UR	47044	273,240	273,240	273,240					0	0	0
TF (GF)	47044	0	0						0	0	0
TF (TIF)	47044	0	0						0	0	0
SA	47044	0	0						0	0	0
FA	47044	0	0						0	0	0
LOAN	47044	0	0						0	0	0
		0	0						0	0	0
FB-UR	47045	0	0						0	0	0
TF (GF)	47045	0	0						0	0	0
TF (TIF)	47045	0	0						0	0	0
SA	47045	0	0						0	0	0
FA	47045	0	0						0	0	0
LOAN	47045	0	0						0	0	0
SA (MFT)	41017	0	0						0	0	0
SA (IDOT Grant)	41017	0	0						0	0	0
Project Totals:		273,240	273,240	273,240	0						

IPE NARRATIVE CIP NO. WW1702

SOUTHEAST WASTEWATER TREATMENT PLANT
EXCESS FLOW LAGOON MODIFICATIONS

COMMUNITY INVESTMENT PROGRAM

I. DETAILED DESCRIPTION:

This project will include various modification to the lagoons to help stabilize the banks and fully drain the lagoon by gravity back into the plant for treatment.

II. PROJECT JUSTIFICATION:

The excess flow lagoons at the SEWWTP were deepened a number of years ago, at that time funds were not available to provide a gravity drainage system to get all of the water back to the plant for treatment. This has caused water to remain in the ponds year round, saturating the berms, which has caused some slope failures. Staff recommends reworking the lagoons berms and installing valves and piping to provide for proper drainage of the ponds.

Project Description: SEWWTP LOGIC CABINET UPGRADES

Cost Category	Total Estimated Cost	Total 5 Year Cost	Expenditure Year					Project Cost Thru FY 2015	Estimated Actual Cost for FY 2016	Total Prior Years Project Cost	Later Years Project Costs
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
Miscellaneous Costs:	0	0						0	0	0	
Preliminary Engineering:											
520 Eng. Svc. Div.	0	0						0	0	0	
521 Contractual	0	0						0	0	0	
Design Engineering											
530 Eng. Svc. Div.	6,000	6,000		6,000				0	0	0	
531 Contractual	18,000	18,000		18,000				0	0	0	
Resident Engineering											
540 Eng. Svc. Div.	0	0						0	0	0	
541 Contractual	0	0						0	0	0	
Property Acquisition:											
550 Eng. Svc. Div.	0	0						0	0	0	
552 Legal Svc. Div.	0	0						0	0	0	
553 Contractual	0	0						0	0	0	
555 Land Purchase	0	0						0	0	0	
556 Easements	0	0						0	0	0	
558 Relocation	0	0						0	0	0	
Construction:											
560 City Labor & Materials	0	0						0	0	0	
565 Contractual	125,000	125,000		125,000				0	0	0	
580 Contingency	25,000	25,000		25,000				0	0	0	
595 Capitalized Interest	0	0						0	0	0	
Project Totals:	174,000	174,000	0	174,000	0	0	0	0	0	0	

Project Funding											
Source Code	Division										
FB-SC	47300	0	0						0	0	0
FB-GR	44007	0	0						0	0	0
TF (GF)	44007	0	0						0	0	0
TF (TIF)	44007	0	0						0	0	0
LGA	44007	0	0						0	0	0
SA	44007	0	0						0	0	0
FA	44007	0	0						0	0	0
LOAN	44007	0	0						0	0	0
GOB	44007	0	0						0	0	0
GRANT (Other)	44007	0	0						0	0	0
		0	0						0	0	0
		0	0						0	0	0
FB-SC	47150	0	0						0	0	0
TF (GF)	47150	0	0						0	0	0
TF (TIF)	47150	0	0						0	0	0
LOAN	47150	0	0						0	0	0
FB-UR	47044	174,000	174,000		174,000				0	0	0
TF (GF)	47044	0	0						0	0	0
TF (TIF)	47044	0	0						0	0	0
SA	47044	0	0						0	0	0
FA	47044	0	0						0	0	0
LOAN	47044	0	0						0	0	0
		0	0						0	0	0
FB-UR	47045	0	0						0	0	0
TF (GF)	47045	0	0						0	0	0
TF (TIF)	47045	0	0						0	0	0
SA	47045	0	0						0	0	0
FA	47045	0	0						0	0	0
LOAN	47045	0	0						0	0	0
SA (MFT)	41017	0	0						0	0	0
SA (IDOT Grant)	41017	0	0						0	0	0
Project Totals:		174,000	174,000	0	174,000	0	0	0	0	0	0

IPE NARRATIVE CIP NO: WW1703

SEWWTP LOGIC CABINET UPGRADES

CAPITAL IMPROVEMENTS PROGRAM

I. DETAILED DESCRIPTION:

This project will provide for the design and construction of new logic cabinets and control systems at the SEWWTP. This will help insure plant reliability and operational efficiency.

II. PROJECT JUSTIFICATION:

The main control systems at the SEWWTP are aging and in need of upgrading/replacement.

**Community Investments Program
FY 2017 through FY 2021**

**Poplar Camp Beach Restroom and Concession Stand Replacement
CIP #PB1501**

Project Description:

The project includes the construction of new restrooms, changing facilities and concession stand areas at Cedar Lake.

Project Justification:

The existing restroom and changing facilities do not meet current "Accessibility Standards" as such they need to be upgraded to meet required standards.

Project Capital Costs:

Budgeted FY 2017	0
Estimated FY 2018	34,000
Estimated FY 2019	252,000
Estimated FY 2020	0
Estimated FY 2021	0
Total Five-Year Costs	286,000
Prior Years Costs	0
Later Years Costs	0
Total Cost	\$286,000

Fund Source:

Waterworks & Sewerage Fund – Water System:

Fund Balance - Utility Revenues \$286,000

Total \$286,000

Operating Budget Impact: Once this project is completed there will be costs necessary to maintain the new facilities. This cost is estimated to be similar to the existing facilities and will be absorbed in the operating budget of the Cedar Lake Division.

**City Hall/Civic Center Exterior Repairs
CIP #PB1601**

Project Description:

The purpose of this project is to repair the water damage to the exterior EFIS archways at the City Hall/Civic Center building.

Project Justification:

The City Hall/Civic Center Building was opened in the fall of 1996. The exterior of the building is mostly brick and stone masonry, but the large archways on each side of the building are made of plywood covered by styrofoam insulation and then a sand and mortar top coat. This type of exterior finish is commonly referred to as EFIS or "Dryvit". Water has infiltrated these archways and is causing the EFIS system to fail from the inside out. It is necessary to repair these archways now to avoid very costly repair costs in the future.

Project Capital Costs:

Budgeted FY 2017	152,720
Estimated FY 2018	0
Estimated FY 2019	0
Estimated FY 2020	0
Estimated FY 2021	0
Total Five-Year Costs	152,720
Prior Years Costs	13,776
Later Years Costs	0
Total Cost	\$166,496

Fund Source:

Local Improvement Fund:

Fund Balance - General Revenues \$166,496

Total \$166,496

Operating Budget Impact: This project contains the one time repair costs to the façade of the City Hall/Civic Center. There will be no additional recurring costs associated with the project.

**Community Investments Program
FY 2017 through FY 2021**

**MRP Storage Building
CIP #PB1602**

Project Description:

This project consists of constructing an un-conditioned storage building to provide needed storage for City operations.

Project Justification:

Multiple City Departments have a need to store items that cannot be stored within their existing facilities. The Municipal Rental Properties division currently has some storage space that is used by the various departments within the University City Complex on East College Street. As this space is not adequate, and scattered around in multiple buildings, it is proposed to construct a new storage building on City property near Fire Station #1 that can be used for needed storage by various City Departments and Divisions.

Project Capital Costs:

Budgeted FY 2017	256,320
Estimated FY 2018	0
Estimated FY 2019	0
Estimated FY 2020	0
Estimated FY 2021	0
Total Five-Year Costs	256,320
Prior Years Costs	12,920
Later Years Costs	0
Total Cost	\$269,240

Fund Source:

Rental Properties Fund:

Fund Balance - Service Charges \$269,240

Total \$269,240

Operating Budget Impact: The project is funding the construction of a standard non-air-conditioned building that will be used for storage. Additional ongoing costs are not expected to be significant.

**City Hall/Civic Center Electrical Upgrades and Generators
Upsizing
CIP #PB1701**

Project Description:

Replace the existing generator and switch gear at the City Hall/Civic Center with a new generator that is capable of providing emergency power to the entire building and mechanical systems.

Project Justification:

The existing generator at the City Hall/Civic Center building is only capable of providing basic power to for emergency lights and receptacles in key office areas. It does not provide power to the building HVAC (heating, ventilation, and air conditioning) systems, the elevator, or most offices. As such employees and the general public cannot occupy the building during times of power outages.

Project Capital Costs:

Budgeted FY 2017	24,640
Estimated FY 2018	545,000
Estimated FY 2019	0
Estimated FY 2020	0
Estimated FY 2021	0
Total Five-Year Costs	569,640
Prior Years Costs	0
Later Years Costs	0
Total Cost	\$569,640

Fund Source:

Local Improvement Fund:

Fund Balance - General Revenues \$569,640

Total \$569,640

Operating Budget Impact: As this is an emergency power supply for the City Hall/Civic Center building and as such it is expected to have minimal annual usage. Operating costs are expected to be similar to the unit it is replacing.

**Community Investments Program
FY 2017 through FY 2021**

**700 Block of South Illinois Avenue
CIP #PK0701**

Project Description:

The project includes expanding the existing parking lot onto property that will be purchased from the railroad. The project is located on the west side of the railroad tracks upon property that is currently occupied by Sidetracks. This will complete parking lot #8 and extend it north to College Street.

Project Justification:

This parking lot provides additional parking for the downtown businesses and will extend the existing lot #8 northerly to College Street.

Project Capital Costs:

Budgeted FY 2017	16,600
Estimated FY 2018	201,000
Estimated FY 2019	0
Estimated FY 2020	0
Estimated FY 2021	0
Total Five-Year Costs	217,600
Prior Years Costs	436,665
Later Years Costs	0
Total Cost	\$654,265

Fund Source:

Parking Systems Operation Fund:

Fund Balance - Service Charges \$654,265

Total \$654,265

Operating Budget Impact: This project will make parking more convenient for customers of those businesses and should add to meter and fine revenue. Maintenance costs are expected to be minimal, operating costs for the meter kiosks are contained within the Parking Division's budget.

**Parking Lot #26 Improvements (Interfaith Center)
CIP #PK1001**

Project Description:

The project includes the reconstruction of an existing parking lot located north of Grand Avenue and East of Illinois Avenue, adjacent to the Interfaith Center.

Project Justification:

This parking lot was originally constructed in the mid 1990's as a temporary parking lot to meet the immediate needs of adjacent businesses. This parking lot is heavily used and is in poor condition; a permanent and proper parking lot needs to be constructed to adequately serve the needs of the public.

Project Capital Costs:

Budgeted FY 2017	147,460
Estimated FY 2018	0
Estimated FY 2019	0
Estimated FY 2020	0
Estimated FY 2021	0
Total Five-Year Costs	147,460
Prior Years Costs	10,050
Later Years Costs	0
Total Cost	\$157,510

Fund Source:

Parking Systems Operation Fund:

Fund Balance - Service Charges \$157,510

Total \$157,510

Operating Budget Impact: This will provide for better and safer parking accommodation to those using this location. The projected construction will be in Fiscal Years 2016 and 2017. The expense will be partially offset by the revenue increase from the additional metered spaces. The monies in FY 2017 are for an additional expansion.

**Community Investments Program
FY 2017 through FY 2021**

**Parking Lot #14 Reconstruction (City Hall/Civic Center)
CIP #PK1701**

Project Description:

This project will reconstruct the existing parking lot to improve parking lot flow and circulation and help alleviate cut-through traffic. The new parking lot will more accurately and specifically delineate city vehicle and employee parking versus visitor parking. It will also include a concrete surface which is more durable and requires less maintenance.

Project Justification:

The existing City Hall/Civic Center Parking Lot is in need reconfiguration and reconstruction to improve safety and access to the City Hall/Civic Center building.

Project Capital Costs:

Budgeted FY 2017	9,960
Estimated FY 2018	16,000
Estimated FY 2019	334,250
Estimated FY 2020	0
Estimated FY 2021	0
Total Five-Year Costs	360,210
Prior Years Costs	0
Later Years Costs	0
Total Cost	\$360,210

Fund Source:

Parking Systems Operation Fund:

Fund Balance - Service Charges \$25,960
Transfers from TIF District \$334,250

Total \$360,210

Operating Budget Impact: Ongoing maintenance impact will be minimal for the newly constructed lot.

**Parking Lot #19 Reconstruction (Washington St. by Veterans Plaza)
CIP #PK1701**

Project Description:

This project will reconstruct the existing parking lot to improve parking lot flow and circulation. The reconstructed parking lot will be much more aesthetically pleasing and will include a concrete surface which is more durable and requires less maintenance.

Project Justification:

The existing parking lot is failing and in need of reconstruction and reconfiguration.

Project Capital Costs:

Budgeted FY 2017	13,280
Estimated FY 2018	7,000
Estimated FY 2019	236,500
Estimated FY 2020	0
Estimated FY 2021	0
Total Five-Year Costs	256,780
Prior Years Costs	0
Later Years Costs	0
Total Cost	\$256,780

Fund Source:

Parking Systems Operation Fund:

Fund Balance - Service Charges \$20,280
Transfers from TIF District \$236,500

Total \$256,780

Operating Budget Impact: Ongoing maintenance costs will be minimal with the reconstructed lot.

**Community Investments Program
FY 2017 through FY 2021**

**East/West Sanitary Sewer between Schwartz Street and College Street
CIP #SA0106**

Project Description:

Replace existing 8" sanitary sewer west of Oakland Avenue between Schwartz Street and College Street.

Project Justification:

The existing 8" sanitary sewer is in need of repair and replacement.

Project Capital Costs:

Budgeted FY 2017	0
Estimated FY 2018	144,000
Estimated FY 2019	0
Estimated FY 2020	0
Estimated FY 2021	0
Total Five-Year Costs	144,000
Prior Years Costs	0
Later Years Costs	0
Total Cost	\$144,000

Fund Source:

Waterworks & Sewerage Fund - Wastewater System:

Fund Balance - Utility Revenues \$144,000

Total \$144,000

Operating Budget Impact: The line replacement will prevent the cost of utilizing the sewer jet for maintaining flow as well as any excavation repairs necessary due to the old line. Future maintenance cost savings is estimated to be approximately \$600 annually.

**Sanitary Sewer Rehabilitation Program
CIP #SA0901**

Project Description:

Annual Sewer Rehabilitation Program to maintain and improve the integrity of the sewer system and repair problem areas. The early years of this program (primarily through FY 2019) will concentrate on manhole lining with the later years of this project focusing on sanitary sewer lining and repairs.

Project Justification:

Many sewers are in need of repair to improve pipe condition and reduce infiltration and inflow. In addition, the program would reduce blockage in the sewer lines causing customer problems and possible damage to homes.

Project Capital Costs:

Budgeted FY 2017	469,920
Estimated FY 2018	721,000
Estimated FY 2019	865,000
Estimated FY 2020	750,000
Estimated FY 2021	865,000
Total Five-Year Costs	3,670,920
Prior Years Costs	932,937
Later Years Costs	0
Total Cost	\$4,603,857

Fund Source:

Waterworks & Sewerage Fund - Wastewater System:

Fund Balance - Utility Fund Revenues \$4,603,857

Total \$4,603,857

Operating Budget Impact: This on-going improvement program is providing monies in future years which will be used as each line is identified. Such project/studies were contemplated when the water/sewer rate increase program was instituted. The completion of this project will reduce routine maintenance and intermittent service calls. The maintenance cost will be funded with water department revenues, aided by past and future increases in rates.

**Community Investments Program
FY 2017 through FY 2021**

**Sanitary Sewer Inflow and Infiltration Study
CIP #SA1301**

Project Description:

Evaluate the City's Sanitary Sewer System to identify and correct sources of inflow and infiltration.

FY 2017 will be the fifth (5th) consecutive year of this study. In FY 2017 the majority of smoke testing and manhole inspections are expected to be completed, leaving only a few smaller basins for later years.

Southern Illinois University's (SIU) sanitary sewer system is tributary to the City's system and constitutes approximately 14% of the overall sanitary sewer system in the City. As SIU's sanitary sewer system is private, smoke testing and inspection will not be performed; however outflows analysis will be conducted to determine if significant inflow and infiltration exist within the SIU sanitary sewer system.

Project Justification:

The City's two wastewater treatment plants experience significant flow increases during rain events. These increases in flow are a direct result of rain and storm runoff waters entering the sanitary sewer system. An ongoing sanitary sewer inflow and infiltration study will aid the City in identifying major sources of inflow and infiltration and allow them to be corrected thereby reducing operating costs for the wastewater treatment plant.

Project Capital Costs:

Budgeted FY 2017	314,960
Estimated FY 2018	81,000
Estimated FY 2019	165,000
Estimated FY 2020	0
Estimated FY 2021	16,500
Total Five-Year Costs	725,960
Prior Years Costs	521,871
Later Years Costs	0
Total Cost	\$1,247,831

Fund Source:

Waterworks & Sewerage Fund - Wastewater System:

Fund Balance - Utility Fund Revenues \$1,247,831

Total \$1,247,831

Operating Budget Impact: This will identify problem areas enabling proper repair/resolution of existing and potential problems. Such project/studies were contemplated when the water/sewer rate increase program was instituted.

**Haake Jenkins Sanitary Sewer
CIP #SA1302**

Project Description:

Install approximately 800 feet of gravity sanitary sewer to eliminate the Haake Jenkins Lift Station.

This project has been in the works for a couple of years as it is necessary for private easements to be secured prior to design being completed. Staff is working with the property owner(s) and hopes to have easements secured in the spring of 2015.

Project Justification:

The Haake Jenkins lift station is in need of extensive rehabilitation, including the installation of new pumps, piping, rails and control systems. Staff has concluded that this lift station can be eliminated by installing gravity sewer to the existing and neighboring Golf Course lift station. This will eliminate ongoing electrical and maintenances costs associated with the operation of the Haake Jenkins lift station.

Project Capital Costs:

Budgeted FY 2017	87,480
Estimated FY 2018	0
Estimated FY 2019	0
Estimated FY 2020	0
Estimated FY 2021	0
Total Five-Year Costs	87,480
Prior Years Costs	9,362
Later Years Costs	0
Total Cost	\$96,842

Fund Source:

Waterworks & Sewerage Fund - Wastewater System:

Fund Balance - Utility Fund Revenues \$96,842

Total \$96,842

Operating Budget Impact: Simplifies overall operation reducing ongoing repair and operating and possible future replacement costs. Project completion expected in Fiscal Year 2017.

**Community Investments Program
FY 2017 through FY 2021**

**Oak Street – Popular Street to Wall Street Sanitary Sewer Upgrade
CIP #SA1501**

Project Description:

Replace the aging sanitary sewer along Oak Street from Poplar to Wall.

Project Justification:

The expansion of Memorial Hospital continues to add load to the City’s sanitary sewer infrastructure. The existing sewer that serves the hospital complex is nearing capacity and needs to be replaced to insure its continue adequacy.

Project Capital Costs:

Budgeted FY 2017	13,280
Estimated FY 2018	932,500
Estimated FY 2019	0
Estimated FY 2020	0
Estimated FY 2021	0
Total Five-Year Costs	945,780
Prior Years Costs	48,945
Later Years Costs	0
Total Cost	\$994,725

Fund Source:

Waterworks & Sewerage Fund - Wastewater System:

Fund Balance - Utility Fund Revenues	<u>\$994,725</u>
Total	\$994,725

Operating Budget Impact: This is the type of expenditure contemplated when the water/sewer rate increases were instituted. This project will minimize the potential of overflow/breakage and resultant costly repairs.

**SEWWTP Interceptor Sewer Extension
(Park St. to Pleasant Hill Road)
CIP #SA1601**

Project Description:

This project includes the extension of the SEWWTP Interceptor Sewer from the intersection of Park Street at Wall Street through SIU Campus to U.S. Highway 51 at Pleasant Hill Road. This project will consist of approximately 2,900 feet of sanitary sewer.

Project Justification:

Over the last decade there have been some significant housing developments in the Grand Avenue, Park Street, and South 51 areas. These developments have significantly increased the demand on the sanitary sewers that serve these areas. Currently the City’s SEWWTP Interceptor Sewer terminates near the old water treatment plant at the corner of Park Street and Wall Street. From this point south, across SIU Campus, the sewer is of small diameter and needs to be upsized in order to adequately handle the developments tributary to the sewer.

Project Capital Costs:

Budgeted FY 2017	0
Estimated FY 2018	41,360
Estimated FY 2019	514,000
Estimated FY 2020	0
Estimated FY 2021	0
Total Five-Year Costs	555,360
Prior Years Costs	18,823
Later Years Costs	0
Total Cost	\$574,183

Fund Source:

Waterworks & Sewerage Fund - Wastewater System:

Fund Balance - Utility Fund Revenues	<u>\$574,183</u>
Total	\$574,183

Operating Budget Impact: The bulk of the spending and project completion is scheduled for FY 2019.

**Community Investments Program
FY 2017 through FY 2021**

**Creating Community Entryways to the Community
CIP #SP0901**

Project Description:

New masonry monument style signs, similar to those at the entryways to campus, will be installed on the four (4) major entrances to the City. These signs will be elevated above the natural grade and positioned to provide ample view from passing vehicles. The new signs will also include sustainable landscaping and ground mounted lighting. These new masonry monument style signs will boldly state "Welcome to Carbondale" with the sub-text of "Home of Southern Illinois University". The installation of these signs will be a cooperative project with Southern Illinois University.

Project Justification:

Southern Illinois University recently completed the construction of monument signs and landscaped entryways into the university. Creating similar signs and entryways on major corridors into the City will improve the aesthetic appeal and provide a coordinated look and feel between the City and University.

Project Capital Costs:

Budgeted FY 2017	31,660
Estimated FY 2018	53,000
Estimated FY 2019	103,000
Estimated FY 2020	0
Estimated FY 2021	0
Total Five-Year Costs	187,660
Prior Years Costs	37,184
Later Years Costs	0
Total Cost	\$224,844

Fund Source:

Local Improvement Fund:

Fund Balance - General Fund Revenues	<u>\$224,844</u>
Total	\$224,844

Operating Budget Impact: Ongoing maintenance costs will be minimal with the new signage.

**Illinois Avenue Streetscape Improvements
CIP #SP0904**

Project Description:

The first phase of this project will include the relocation of overhead utility lines and installation of new on street lighting along Illinois Avenue from Mill Street to Cherry Street.

Project Justification:

The downtown plan was just recently completed; this project will help achieve some of the plan goals by relocating the overhead utility lines off of Illinois Avenue and installing new lighting and street scape elements throughout the downtown.

Project Capital Costs:

Budgeted FY 2017	188,280
Estimated FY 2018	483,000
Estimated FY 2019	1,025,000
Estimated FY 2020	527,000
Estimated FY 2021	885,000
Total Five-Year Costs	3,108,280
Prior Years Costs	0
Later Years Costs	0
Total Cost	\$3,108,280

Fund Source:

Local Improvement Fund:

Fund Balance - General Fund Revenues	<u>\$3,108,280</u>
Total	\$3,108,280

Operating Budget Impact: It is too early to calculate expected operating budget costs.

**Community Investments Program
FY 2017 through FY 2021**

**Multimodal Transportation Center
CIP #SP1002**

Project Description:

A new multimodal transportation center will be constructed on the site of the existing Amtrak Station. This new facility will stretch from Cherry Street to Walnut Street and is slated to include a parking garage facility. The City is seeking a federal TIGER grant to help fund this project.

Project Justification:

Public transportation usage is on the rise. In order to provide our citizens and visitors with comprehensive services at one central location it is necessary to construct a multimodal transportation facility. This new facility will provide space which will allow for the consolidation of many local transit services including; Amtrak, Greyhound Bus, Saluki Express, Jackson County Mass Transit, various regional bus services, taxi cab companies, and the like.

Project Capital Costs:

Budgeted FY 2017	54,980
Estimated FY 2018	1,410,000
Estimated FY 2019	10,300,000
Estimated FY 2020	5,590,000
Estimated FY 2021	0
Total Five-Year Costs	17,354,980
Prior Years Costs	29,776
Later Years Costs	0
Total Cost	\$17,384,756

Fund Source:

Local Improvement Fund:

Fund Balance - General Fund Revenues	\$336,980
Transfer from General Fund	\$1,030,000
Grant	\$13,840,000

Tax Increment Fund:

Transfer from TIF District	<u>\$2,177,776</u>
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Total \$17,384,756

Operating Budget Impact: Municipal funding will supplement the federal award. Future upkeep costs will be budgeted in the building maintenance division.

**Safety Improvements to Railroad Crossing to Allow
Carbondale a Railroad Quite Zone
CIP #SP1702**

Project Description:

Improve the railroad crossings to the required quite zone standards, this will allow the City to apply for a quite zone designation with the Canadian National Railroad.

Project Justification:

The City desires to create a quite zone for railroad traffic. This will require improvements to the existing railroad crossings to meet quite zone standards.

Project Capital Costs:

Budgeted FY 2017	9,960
Estimated FY 2018	0
Estimated FY 2019	0
Estimated FY 2020	0
Estimated FY 2021	0
Total Five-Year Costs	9,960
Prior Years Costs	0
Later Years Costs	0
Total Cost	\$9,960

Fund Source:

Local Improvement Fund:

Fund Balance - General Fund Revenues	<u>\$9,960</u>
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Total \$9,960

Operating Budget Impact: It is too early to calculate expected operating budget costs associated with this program.

**Community Investments Program
FY 2017 through FY 2021**

**E. College St. At ICRR Tracks Improvements
CIP #SP1703**

Project Description:

Improve the pedestrian railroad crossings to conform to current accessible standards as allowed by the Canadian National Railroad and the Illinois Department of Transportation. This project is partially funded by a Railroad Safety Grant.

Project Justification:

The existing pedestrian crossings at the railroad are rough and do not meet accessible standards, upgrades need to be made.

Project Capital Costs:

Budgeted FY 2017	28,300
Estimated FY 2018	0
Estimated FY 2019	0
Estimated FY 2020	0
Estimated FY 2021	0
Total Five-Year Costs	28,300
Prior Years Costs	0
Later Years Costs	0
Total Cost	\$28,300

Fund Source:

Motor Fuel Tax Fund:

Motor Fuel Tax	<u>\$28,300</u>
Total	\$28,300

Operating Budget Impact: There will be minimal ongoing operating costs when this project is completed.

**Safety Improvements to Railroad Crossing to Allow E. Grand Ave. At ICRR Tracks Improvements
CIP #SP1704**

Project Description:

Improve the pedestrian railroad crossings to conform to current accessible standards as allowed by the Canadian National Railroad and the Illinois Department of Transportation. This project is partially funded by a Railroad Safety Grant.

Project Justification:

The existing pedestrian crossings at the railroad are rough and do not meet accessible standards, upgrades need to be made.

Project Capital Costs:

Budgeted FY 2017	33,300
Estimated FY 2018	0
Estimated FY 2019	0
Estimated FY 2020	0
Estimated FY 2021	0
Total Five-Year Costs	33,300
Prior Years Costs	0
Later Years Costs	0
Total Cost	\$33,300

Fund Source:

Motor Fuel Tax Fund:

Motor Fuel Tax	<u>\$33,300</u>
Total	\$33,300

Operating Budget Impact: There will be minimal ongoing operating costs when this project is completed.

**Community Investments Program
FY 2017 through FY 2021**

**Replace Corrugated Metal Pipes in Southwest Quadrant
CIP #SS9902**

Project Description:

The area for this study is bounded by Sunset Drive on the north, Chautauqua Street on the south, Dixon Street on the east and Little Crab Orchard Creek on the west. When this section of Carbondale was developed, corrugated metal storm drainage systems were often used. These pipes are starting to deteriorate and fail. This study would identify the areas where corrugated metal pipes were used and note the areas that are failing. This information will provide the necessary data for establishing program for repairs. FY 2020 expenditures are the replacement of those pipes identified in the study.

Project Justification:

To maintain a satisfactory storm drainage system.

Project Capital Costs:

Budgeted FY 2017	0
Estimated FY 2018	0
Estimated FY 2019	25,000
Estimated FY 2020	374,500
Estimated FY 2021	0
Total Five-Year Costs	399,500
Prior Years Costs	0
Later Years Costs	0
Total Cost	\$399,500

Fund Source:

Local Improvement Fund:

Fund Balance - General Revenues \$399,500

Total \$399,500

Operating Budget Impact: It is this type of program/study supported by the water/sewer rate increase program. Completion scheduled in Fiscal Year 2020. No budgetary impact in Fiscal Year 2017.

**Cherry Street/Elm Street Storm Sewer Interceptor
Replacement
CIP #SS1002**

Project Description:

Replacement of the storm sewers from the West Cherry Street/University Avenue area to the East Elm Street/Marion Street area.

Project Justification:

The Cherry Street/University Avenue/Illinois Avenue is a low point and collector areas for storm water runoff. The storm water from this area is conveyed under the railroad tracks to East Elm Street wherein it connects to other storm sewers that take the water to Piles Fork Creek. This area on the West side of the railroad tracts has experienced flooding for decades and warrants further study for possible storm sewer replacements to aid in alleviating the flooding problems.

Project Capital Costs:

Budgeted FY 2017	0
Estimated FY 2018	25,000
Estimated FY 2019	401,000
Estimated FY 2020	0
Estimated FY 2021	0
Total Five-Year Costs	426,000
Prior Years Costs	0
Later Years Costs	0
Total Cost	\$426,000

Fund Source:

Tax Increment Fund:

Transfer from TIF District \$426,000

Total \$426,000

Operating Budget Impact: This project will protect against future flooding events. No budgetary impact in Fiscal Year 2017.

**Community Investments Program
FY 2017 through FY 2021**

**City Wide Drainage Study
CIP #SS1401**

Project Description:

This project will take an overall look at the City's storm water conveyance systems and identify and quantify needed infrastructure improvements.

Project Justification:

There are numerous locations around the City that flood during time of heavy rainfall.

Project Capital Costs:

Budgeted FY 2017	0
Estimated FY 2018	0
Estimated FY 2019	0
Estimated FY 2020	0
Estimated FY 2021	265,000
Total Five-Year Costs	265,000
Prior Years Costs	0
Later Years Costs	0
Total Cost	\$265,000

Fund Source:

Local Improvement Fund:

Fund Balance - General Revenues	<u>\$265,000</u>
Total	\$265,000

Operating Budget Impact: Costs to correct the flooding issues will need to be budgeted in future years.

**Oakland Avenue Reconstruction
(Walnut St. to Chautauqua Street)
CIP #ST0202**

Project Description:

The proposed improvements will reduce congestion by the addition of dedicated bicycle lanes on both sides of the roadway, widen lane widths to 12 feet throughout the length of the project, improve intersections with side streets, and enhance the existing pedestrian facilities. This project will help remove bicycle/vehicular conflicts and improve the travel time for both modes of transportation (enhance the level of service) along this corridor. Intersection improvements along the corridor will also improve various levels of service.

Project Justification:

Oakland Avenue is one of the main entrances to Southern Illinois University (SIU). This project proposes to reconstruct and widen Oakland Avenue between Illinois State Route 13 (Walnut Street) and Chautauqua Street (SIU Campus) to provide for a higher level of service and provide accommodations for heavy bicycle traffic. The current ADT of this section of roadway peaks at 7,700 vehicles per day and includes two intersections with other Federal Aid Routes (Freeman Street and Mill Street). The current roadway section is approximately 30 feet wide with left hand turn lanes and/or on-street parking that reduces the effective lane widths to 10 feet wide for much of the length.

Project Capital Costs:

Budgeted FY 2017	0
Estimated FY 2018	190,000
Estimated FY 2019	0
Estimated FY 2020	1,280,000
Estimated FY 2021	0
Total Five-Year Costs	1,470,000
Prior Years Costs	0
Later Years Costs	0
Total Cost	\$1,470,000

Fund Source:

Local Improvement Fund:

Fund Balance - General Revenues	\$338,200
Federal Aid	<u>\$1,132,000</u>
Total	\$1,470,000

Operating Budget Impact: No budget impact in FY 2017.

**Community Investments Program
FY 2017 through FY 2021**

**Annual Collection Street Resurfacing Program
CIP #ST1204**

Project Description:

The purpose of this project is to develop and then continue to quantify street resurfacing or reconstruction needs on the City's collector and arterial streets. Based on the information collected and tabulated by this project direction will be provided to Street Maintenance for inclusion in their budget and programs; and or needed CIP projects will be developed and planned for.

This project will provide for repaving of heavily used roadways throughout the City.

Project Justification:

This project will allow a proactive and systematic approach to resurfacing streets and sections of streets around the City.

Project Capital Costs:

Budgeted FY 2017	0
Estimated FY 2018	5,000
Estimated FY 2019	0
Estimated FY 2020	5,000
Estimated FY 2021	0
Total Five-Year Costs	10,000
Prior Years Costs	0
Later Years Costs	0
Total Cost	\$10,000

Fund Source:

Local Improvement Fund:

Fund Balance - General Revenues \$10,000

Total \$10,000

Operating Budget Impact: This is a preventative maintenance program to avoid major street repairs in the future. No impact in FY2017 is planned.

**Bridge Maintenance and Rehabilitation Program
CIP#ST1301**

Project Description:

To proactively maintain and rehabilitate bridge structures throughout the City to extend the service life of these structures and avoid costly replacements.

Project Justification:

The City has numerous bridges throughout the community that it is responsible for inspecting, repairing, and maintaining. Many of these structures are beginning to show signs of their age. Recent inspections of several structures indicate that there is a growing need for heavy maintenance and/or rehabilitation which will likely continue for a number of years. The projects being planned for in the 5 year CIP are as follows: FY 2017 Pleasant Hill Road Overpass; FY 2019 Chautauqua west of Emerald Lane; FY 2021 Sunset Drive west of Emerald Lane.

Project Capital Costs:

Budgeted FY 2017	113,280
Estimated FY 2018	0
Estimated FY 2019	64,000
Estimated FY 2020	83,000
Estimated FY 2021	696,500
Total Five-Year Costs	956,780
Prior Years Costs	3,480
Later Years Costs	0
Total Cost	\$960,260

Fund Source:

Local Improvement Fund:

Fund Balance - General Revenues \$960,260

Total \$960,260

Operating Budget Impact: This was an ongoing preventative maintenance program but with no expenditure of funds until FY 2017.

**Community Investments Program
FY 2017 through FY 2021**

**West Mill Street Resurfacing (University to Oakland)
CIP #ST1701**

Project Description:

The existing concrete roadway surface resurfaced to provide a smoother and more aesthetically pleasing entrance to the campus.

Project Justification:

West Mill Street borders the northern edge of the Southern Illinois University Campus as such the roadway should be aesthetically pleasing and create a nice entryway to the campus.

Project Capital Costs:

Budgeted FY 2017	9,960
Estimated FY 2018	0
Estimated FY 2019	0
Estimated FY 2020	451,500
Estimated FY 2021	0
Total Five-Year Costs	461,460
Prior Years Costs	0
Later Years Costs	0
Total Cost	\$461,460

Fund Source:

Local Improvement Fund:

Fund Balance - General Revenues \$461,460

Total \$461,460

Operating Budget Impact: This resurfacing will be carried out in FY 2020, with engineering work being performed in FY 2017.

**Lewis Lane Sidewalk (College to Walnut)
CIP#SW1502**

Project Description:

Add sidewalks to the east side of Lewis Lane between College and Walnut.

Project Justification:

There is currently no sidewalk on the east side of Lewis Lane from East College Street to East Walnut Street. Connecting the existing sidewalks along the east side of Lewis Lane in this area will complete the sidewalks in and around the superblock area.

Project Capital Costs:

Budgeted FY 2017	23,300
Estimated FY 2018	97,000
Estimated FY 2019	0
Estimated FY 2020	0
Estimated FY 2021	0
Total Five-Year Costs	120,300
Prior Years Costs	0
Later Years Costs	0
Total Cost	\$120,300

Fund Source:

Local Improvement Fund:

Fund Balance - General Revenues \$42,700
State Aid \$77,600

Total \$120,300

Operating Budget Impact: There will be minimal ongoing operating costs when this project is completed.

**Community Investments Program
FY 2017 through FY 2021**

**Sidewalk Improvements
CIP #SW1701**

Project Description:

This project has four components:

- (1) Repair dangerous and/or deteriorated sidewalks throughout the City of Carbondale
- (2) Improve sidewalks in the downtown area
- (3) Work with the Partnership for Disability Issues organization to create sidewalk routes throughout the City for the physically challenged
- (4) Construct new sidewalks where missing sections of walk creates a gap in the sidewalk flow

Project Justification:

Remove hazardous situations and make the areas more aesthetically pleasing.

Project Capital Costs:

Budgeted FY 2017	100,000
Estimated FY 2018	100,000
Estimated FY 2019	100,000
Estimated FY 2020	100,000
Estimated FY 2021	100,000
Total Five-Year Costs	500,000
Prior Years Costs	243,718
Later Years Costs	0
Total Cost	\$743,718

Fund Source:

Local Improvement Fund:

Fund Balance - General Revenues \$743,718

Total \$743,718

Operating Budget Impact: This program includes the annual ongoing improvements to the municipal wide sidewalk network.

**East Main and East Walnut Sidewalk Infill
CIP #SW1702**

Project Description:

Phase I of this project will consist of providing sidewalk infill on East Main Street from Lewis Lane to Cedarview Drive.

Project Justification:

Provide sidewalk connectors where sidewalks are missing on East Walnut Street and East Main Street, between Cedarview Drive and Lewis Lane.

Project Capital Costs:

Budgeted FY 2017	0
Estimated FY 2018	70,200
Estimated FY 2019	73,000
Estimated FY 2020	0
Estimated FY 2021	0
Total Five-Year Costs	143,200
Prior Years Costs	0
Later Years Costs	0
Total Cost	\$143,200

Fund Source:

Local Improvement Fund:

Fund Balance - General Revenues \$143,200

Total \$143,200

Operating Budget Impact: There will be minimal ongoing operating costs when this project is completed.

**Community Investments Program
FY 2017 through FY 2021**

**Dillinger Road/Bicentennial Industrial Park Watermain Loop
CIP #WS9701**

Project Description:

This project consists of looping the water mains in Bicentennial Industrial Park with the lines located on Dillinger Road and U.S. Highway 51.

Project Justification:

The City's water distribution system ends at the Bicentennial Industrial Park; this is also the location from which two (2) Water Districts, Lakeside and Desoto, used to supply their systems with water from the City. The connections to these two Water Districts still exist, however they are now only used for "emergency" situations. As such water in this area no longer circulates well and there is now a need to loop the water mains together to aid in keeping the water fresh.

Project Capital Costs:

Budgeted FY 2017	119,980
Estimated FY 2018	0
Estimated FY 2019	0
Estimated FY 2020	0
Estimated FY 2021	0
Total Five-Year Costs	119,980
Prior Years Costs	16,818
Later Years Costs	0
Total Cost	\$136,798

Fund Source:

Waterworks & Sewerage Fund - Water System:

Fund Balance - Utility Fund Revenues \$136,798

Total \$136,798

Operating Budget Impact: Preliminary work was completed in FY 2016. FY 2017 contains the actual construction of the project.

**Oakland Avenue Watermain Replacement
(Walnut to Chautauqua)
CIP #WS0203**

Project Description:

This project consists of replacing the waterlines located on Oakland Avenue from Walnut Street to Chautauqua Street.

Project Justification:

Oakland Avenue is scheduled to be reconstructed in a few years; the roadway reconstruction project is being funded partially with Federal Funds through the Southern Illinois Metropolitan Planning Organization (SIMPO). As such the City needs to replace the old dilapidated water mains prior to the new roadway design and construction.

Project Capital Costs:

Budgeted FY 2017	864,840
Estimated FY 2018	0
Estimated FY 2019	0
Estimated FY 2020	0
Estimated FY 2021	0
Total Five-Year Costs	864,840
Prior Years Costs	28,234
Later Years Costs	0
Total Cost	\$893,074

Fund Source:

Waterworks & Sewerage Fund - Water System:

Fund Balance - Utility Fund Revenues \$893,074

Total \$893,074

Operating Budget Impact: Preliminary work was planned for FY 2016 with completion planned for FY 2017.

**Community Investments Program
FY 2017 through FY 2021**

**Crab Orchard Water District Improvements
CIP #WS0803**

Project Description:

Improve areas served by the former Crab Orchard Water District by making connections to existing City Water lines where available and replace water lines as described in agreement with the former Crab Orchard Water District. Work on this project will resume in FY 2019 and is planned to include water lines along Lewis Lane and Grand Avenue.

Project Justification:

Many of the lines are in poor condition and need to be replaced.

Project Capital Costs:

Budgeted FY 2017	0
Estimated FY 2018	0
Estimated FY 2019	40,000
Estimated FY 2020	445,000
Estimated FY 2021	445,000
Total Five-Year Costs	930,000
Prior Years Costs	1,693,335
Later Years Costs	0
Total Cost	\$2,623,335

Fund Source:

Waterworks & Sewerage Fund - Water System:

Fund Balance - Utility Fund Revenues \$2,623,335

Total \$2,623,335

Operating Budget Impact: This is an ongoing upgrade of water utility lines in an area of the community previously serviced by a water district. Funds for this project are made possible via a surcharge on the customers of the former utility.

**Backup Water Supply
CIP #WS0901**

Project Description:

Study various options to provide adequate potable water for our community should there be a catastrophic failure of the City's raw water supply system and/or water treatment plant. Develop and analyze various alternatives including interconnections to other regional water supplies and design and implement the chosen option(s).

Project Justification:

The City Reservoir (also referred to as Evergreen Lake) has been the City's backup waters supply for decades. Unfortunately the lake has now silted to a point that severely limits the amount of useful water that can be pumped from it to the water treatment plant, In the event of an emergency wherein the City was not able to pump water from Cedar Lake, the City would have great difficulty in getting adequate raw water to the plant for treatment.

Project Capital Costs:

Budgeted FY 2017	0
Estimated FY 2018	0
Estimated FY 2019	80,000
Estimated FY 2020	543,000
Estimated FY 2021	0
Total Five-Year Costs	623,000
Prior Years Costs	743
Later Years Costs	0
Total Cost	\$623,743

Fund Source:

Waterworks & Sewerage Fund - Water System:

Fund Balance - Utility Fund Revenues \$623,743

Total \$623,743

Operating Budget Impact: This is a long-term project that would provide a desirable resource for the City.

**Community Investments Program
FY 2017 through FY 2021**

**Pecan Street Waterline Replacement
(400-900 Blocks)
CIP #WS0904**

Project Description:

Replace 2,700 feet of six inch water line on Pecan Street 400-900 blocks.

Project Justification:

This line on Pecan Street has broken several times. It needs to be replaced.

Project Capital Costs:

Budgeted FY 2017	0
Estimated FY 2018	0
Estimated FY 2019	33,000
Estimated FY 2020	403,000
Estimated FY 2021	0
Total Five-Year Costs	436,000
Prior Years Costs	0
Later Years Costs	0
Total Cost	\$436,000

Fund Source:

Waterworks & Sewerage Fund - Water System:

Fund Balance - Utility Fund Revenues \$436,000

Total \$436,000

Operating Budget Impact: This provides for future replacement of water lines in need of improvement. Once replaced, this will reduce operating expense costs for repair and patching of the line.

**Cedar Lake Pump Station Renovations
CIP #WS1202**

Project Description:

The existing pump station was built in 1975 and all equipment, including valves, motors, wiring, and pumps, is original. The existing structure will remain intact, and all equipment will be replaced with modernized equipment.

Project Justification:

All of the equipment at this pump station is far beyond its expected service life, and needs to be replaced. This is the only pump station that provides raw water to the Water Treatment Plant, and any failures will severely jeopardize the City's ability to supply water to the public. In addition to eliminating the risk of catastrophic failure, significant cost savings will be realized with newer, more energy efficient equipment.

Project Capital Costs:

Budgeted FY 2017	972,960
Estimated FY 2018	0
Estimated FY 2019	0
Estimated FY 2020	0
Estimated FY 2021	0
Total Five-Year Costs	972,960
Prior Years Costs	262,026
Later Years Costs	0
Total Cost	\$1,234,986

Fund Source:

Waterworks & Sewerage Fund - Water System:

Fund Balance - Utility Fund Revenues \$972,486

State Aid \$262,500

Total \$1,234,986

Operating Budget Impact: This project will lead to less cost in maintenance and operation. Project completion anticipated in Fiscal Year 2017 which will see reduced maintenance costs over future years.

**Community Investments Program
FY 2017 through FY 2021**

**Feeder Water Main Replacements (10" & larger)
CIP #WS1301**

Project Description:

The purpose of this project is to replace dilapidated water main feeder lines of 10" and larger in diameter.

Project Justification:

There are many water mains throughout the City that are dilapidated and in need of replacement. Priority should be given to the water systems feeder water mains that are 10" or larger in diameter as these lines feed many of the other lines throughout the City. In recent years the City has been experiencing frequent breaks on its 10" diameter water mains on Forest Street and Springer Street, this project will initially concentrate on these areas.

Project Capital Costs:

Budgeted FY 2017	787,660
Estimated FY 2018	504,000
Estimated FY 2019	514,000
Estimated FY 2020	514,000
Estimated FY 2021	524,000
Total Five-Year Costs	2,843,660
Prior Years Costs	502,947
Later Years Costs	0
Total Cost	\$3,346,607

Fund Source:

Waterworks & Sewerage Fund - Water System:

Fund Balance - Utility Fund Revenues \$3,346,607

Total \$3,346,607

Operating Budget Impact: This project will produce significantly progressively less costly maintenance and operation. This is also a project supported by the water/sewer rate increase program.

**Cedar Lake Sediment and Nutrient Load Reduction
Projects
CIP #WS1503**

Project Description:

Stabilize 14,000 linear ft. of Cedar Lake shoreline; stabilize 20,000 linear ft. of gully and construct sediment control basins on 200 acres within the watershed.

Project Justification:

Identified impairments to Cedar Lake will be addressed by reducing phosphorous, nitrogen and sediment loading. The proposal will address shoreline erosion and turbid water with a reduction in these impairments, as well.

Project Capital Costs:

Budgeted FY 2017	1,501,372
Estimated FY 2018	0
Estimated FY 2019	0
Estimated FY 2020	0
Estimated FY 2021	0
Total Five-Year Costs	2,648,372
Prior Years Costs	100,071
Later Years Costs	0
Total Cost	\$2,748,443

Fund Source:

Waterworks & Sewerage Fund - Water System:

Fund Balance - Utility Fund Revenues \$1,063,443
 State Aid \$1,500,000
 Federal Aid \$185,000

Total \$2,748,443

Operating Budget Impact: This was an important consideration in the water/sewer rate increase program. Some of the impact will have been funded by these increases.

**Community Investments Program
FY 2017 through FY 2021**

**Water Plant Clearwell Painting and Repairs
CIP #WS1601**

Project Description:

This project consists of the refurbishing and painting of the two (2) 1,000,000 gallon clear wells at the Water Treatment Plant.

Project Justification:

The City's Water Treatment Plant was built in the early 1990's. A few years ago Staff had inspections performed on all of the City's water towers as well as the two (2) clear wells at the water treatment plant. Staff has since painted the clear well exteriors but now the interior of these tanks needs to be repaired and painted, this work is beyond the scope of what can be accomplished in-house and therefore plans and specifications need to be prepared for the required work.

Project Capital Costs:

Budgeted FY 2017	296,915
Estimated FY 2018	0
Estimated FY 2019	0
Estimated FY 2020	0
Estimated FY 2021	0
Total Five-Year Costs	296,915
Prior Years Costs	291,477
Later Years Costs	0
Total Cost	\$588,392

Fund Source:

Waterworks & Sewerage Fund - Water System:

Fund Balance - Utility Fund Revenues \$588,392

Total \$588,392

Operating Budget Impact: The project is funded and completed within FY 2017. This project will ensure the availability of continued clean, potable water within the community.

**Water Plant Filter Rehabilitation
CIP #WS1701**

Project Description:

This project will provide for the rehabilitation of two (2) of the six (6) filters each year until they have all been rehabilitated to a like new condition.

Project Justification:

The City's water treatment plant is over 20 years old as such the filter equipment is in need of rehabilitation.

Project Capital Costs:

Budgeted FY 2017	280,312
Estimated FY 2018	280,500
Estimated FY 2019	280,500
Estimated FY 2020	0
Estimated FY 2021	0
Total Five-Year Costs	841,312
Prior Years Costs	0
Later Years Costs	0
Total Cost	\$841,312

Fund Source:

Waterworks & Sewerage Fund - Water System:

Fund Balance - Utility Fund Revenues \$841,312

Total \$841,312

Operating Budget Impact: This project will ensure the availability of continued clean, potable water within the community. By rehabilitating the existing filter equipment to current industry standards operating costs may decrease.

**Community Investments Program
FY 2017 through FY 2021**

**Dixon Street Waterline Replacement
(Old West Main To Skyline)
CIP #WS1702**

Project Description:

Design and construct a new water main along Dixon Street.

Project Justification:

The water main along Dixon Street is dilapidated and has experienced numerous breaks in the last few years. This water main is in need of replacement.

Project Capital Costs:

Budgeted FY 2017	144,920
Estimated FY 2018	0
Estimated FY 2019	0
Estimated FY 2020	0
Estimated FY 2021	0
Total Five-Year Costs	144,920
Prior Years Costs	0
Later Years Costs	0
Total Cost	\$144,920

Fund Source:

Waterworks & Sewerage Fund - Water System:

Fund Balance - Utility Fund Revenues \$144,920

Total \$144,920

Operating Budget Impact: Replacement of this main will reduce service calls for breakage and repair.

**NWWWTP Nutrient Removal Upgrades
CIP #WW1001**

Project Description:

The purpose of this project is to study the existing capabilities of the treatment system to meet new nutrient removal requirements, make recommendations for improvements, and design and implement the chosen improvements.

Project Justification:

In order to meet forthcoming nutrient mandates from the Illinois Environmental Protection Agency (IEPA) as well as improve wastewater treatment efficiencies it is necessary to review the treatment processes and make needed changes.

Project Capital Costs:

Budgeted FY 2017	1,054,600
Estimated FY 2018	0
Estimated FY 2019	462,000
Estimated FY 2020	0
Estimated FY 2021	986,000
Total Five-Year Costs	2,502,600
Prior Years Costs	22,825
Later Years Costs	0
Total Cost	\$2,525,425

Fund Source:

Waterworks & Sewerage Fund - Wastewater System:

Fund Balance - Utility Fund Revenues \$2,525,425

Total \$2,525,425

Operating Budget Impact: These are mandated changes required by the IEPA to be completed over the next few fiscal years.

**Community Investments Program
FY 2017 through FY 2021**

**NWWWTP Bar Screen on Grit Chamber
CIP #WW1002**

Project Description:

To replace the bar screen with a finer one.

Project Justification:

To reduce rags and lower maintenance.

Project Capital Costs:

Budgeted FY 2017	400,980
Estimated FY 2018	0
Estimated FY 2019	0
Estimated FY 2020	0
Estimated FY 2021	0
Total Five-Year Costs	400,980
Prior Years Costs	9,947
Later Years Costs	0
Total Cost	\$410,927

Fund Source:

Waterworks & Sewerage Fund - Wastewater System:

Fund Balance - Utility Fund Revenues \$410,927

Total \$410,927

Operating Budget Impact: To be completed all in FY 2017. Operating costs should reduce as less non-biodegradable waste products will get past the finer screens. These reductions have not been accounted for in the current budget.

**SEWWTP Mechanical Bar Screen
CIP #WW1005**

Project Description:

Installation of a mechanical bar screen in the raw wet well to remove trash and debris from the wastewater stream prior to raw pumps.

Project Justification:

To reduce maintenance issues with debris coming through the raw pumps and improve safety for personnel by reducing the necessity of entering a confined space.

Project Capital Costs:

Budgeted FY 2017	0
Estimated FY 2018	0
Estimated FY 2019	45,000
Estimated FY 2020	466,000
Estimated FY 2021	0
Total Five-Year Costs	511,000
Prior Years Costs	0
Later Years Costs	0
Total Cost	\$511,000

Fund Source:

Waterworks & Sewerage Fund - Wastewater System:

Fund Balance - Utility Fund Revenues \$511,000

Total \$511,000

Operating Budget Impact: This is a future project with no impact for several years. Operating costs should reduce as less non-biodegradable waste products will get past the screen. These reductions in cost will be accounted for at a later date.

**Community Investments Program
FY 2017 through FY 2021**

**Alarm Communication and Flow Monitoring System for
All Lift Stations
CIP #WW1006**

Project Description:

The purpose of this project is to install new communication and monitoring systems for the City's Sanitary Sewer Lift Stations.

Project Justification:

The existing monitoring systems for the City's Sanitary Sewer Lift Stations consists of automatic dialers that use telephone lines to place calls to staff to inform them of issues. The existing system is very basic and does not have any way to provide actual feedback or monitoring of systems at the lift stations. Newer technology will allow staff to interact with the lift stations remotely and provide flow, pump, power, and alarm information on a real time basis.

Project Capital Costs:

Budgeted FY 2017	136,640
Estimated FY 2018	0
Estimated FY 2019	0
Estimated FY 2020	0
Estimated FY 2021	0
Total Five-Year Costs	136,640
Prior Years Costs	13,408
Later Years Costs	0
Total Cost	\$150,048

Fund Source:

Waterworks & Sewerage Fund - Wastewater System:

Fund Balance - Utility Fund Revenues \$150,048

Total \$150,048

Operating Budget Impact: This project will eliminate all telephone lines to 15 lift stations for an annual savings of approximately \$4,700.

**Kent Drive Lift Station and Forcemain Modifications
CIP #WW1007**

Project Description:

The purpose of this project is to evaluate the capacity and location of the Kent Drive Lift Station and Forcemain, study options for replacement, and design and implement the selected option.

Project Justification:

The Kent Drive Sanitary Sewer Lift Station and Forcemain are nearing capacity and need to be evaluated to ensure continued reliability. As the existing lift station is not in an ideal location, it is likely that a new lift station will need to be constructed in an alternate location.

Project Capital Costs:

Budgeted FY 2017	0
Estimated FY 2018	0
Estimated FY 2019	35,000
Estimated FY 2020	375,000
Estimated FY 2021	0
Total Five-Year Costs	410,000
Prior Years Costs	0
Later Years Costs	0
Total Cost	\$410,000

Fund Source:

Waterworks & Sewerage Fund - Wastewater System:

Fund Balance - Utility Fund Revenues \$410,000

Total \$410,000

Operating Budget Impact: No impact in FY 2017.

**Community Investments Program
FY 2017 through FY 2021**

**NWWWTP Effluent Pump Replacement
CIP #WW1009**

Project Description:

The purpose of this project is to improve the energy efficiency and reliability of the effluent pumps at the NWWWTP. New pumping systems and controls will be designed and constructed.

Project Justification:

The effluent pumps at the NWWWTP are aging and highly inefficient, new pumps and variable frequency drives (VFD's) would improve the efficiency of the plant during time of high flow.

Project Capital Costs:

Budgeted FY 2017	0
Estimated FY 2018	0
Estimated FY 2019	168,000
Estimated FY 2020	0
Estimated FY 2021	0
Total Five-Year Costs	168,000
Prior Years Costs	0
Later Years Costs	0
Total Cost	\$168,000

Fund Source:

Waterworks & Sewerage Fund - Wastewater System:

Fund Balance - Utility Fund Revenues \$168,000

Total \$168,000

Operating Budget Impact: Once completed, the project should reduce utility expenses in the operating budget for the NWWWTP division.

**Lift Station Emergency Power Systems
CIP #WW1301**

Project Description:

This project will provide emergency backup power to various lift stations throughout the City.

Project Justification:

During power outages it is necessary for City staff to travel from lift station to lift station with portable generators and or pumps to prevent sewage backups. Installation of emergency generators at key lift stations will lessen the burden on staff and provide for seamless operation of these lift stations during power outages.

Project Capital Costs:

Budgeted FY 2017	149,960
Estimated FY 2018	0
Estimated FY 2019	0
Estimated FY 2020	0
Estimated FY 2021	0
Total Five-Year Costs	149,960
Prior Years Costs	320,043
Later Years Costs	0
Total Cost	\$470,003

Fund Source:

Waterworks & Sewerage Fund - Wastewater System:

Fund Balance - Utility Fund Revenues \$250,003

State Aid \$220,000

Total \$470,003

Operating Budget Impact: Avoid risk of damage from loss of power. Also reduces cost of overtime pay of City Staff covering outages.

**Community Investments Program
FY 2017 through FY 2021**

**NWWWTP River Vault Renovations
CIP #WW1601**

Project Description:

The purpose of this project is to evaluate the condition of the existing river vault and siphon control systems, decide on appropriate renovations, and implement these renovations.

Project Justification:

The NWWWTP effluent is discharged to the Big Muddy River through a siphon system. This system prevents the effluent from having to be pumped and saves the City significant electrical costs. The control structure at the Big Muddy River is referred to as the River Vault” and consists of a 12’ x 18’ underground vault that houses the valves and controls; this vault is accessed through a 40’ long 4’ diameter tube that extends to the surface. The existing steel vault and tube were installed in the early 1980’s and are beginning to show significant signs of corrosion and deterioration.

Project Capital Costs:

Budgeted FY 2017	406,580
Estimated FY 2018	0
Estimated FY 2019	0
Estimated FY 2020	0
Estimated FY 2021	0
Total Five-Year Costs	406,580
Prior Years Costs	0
Later Years Costs	0
Total Cost	\$406,580

Fund Source:

Waterworks & Sewerage Fund - Wastewater System:

Fund Balance - Utility Fund Revenues \$406,580

Total \$406,580

Operating Budget Impact: Preliminary work to begin in FY 2016 with completion planned in FY 2017.

**NWWWTP Install Concrete Bottoms in the Sludge Holding Lagoons
CIP #WW1701**

Project Description:

Design and construct concrete bottoms for the sludge lagoons at the NWWWTP.

Project Justification:

Many of the sludge holding lagoons at the both the SEWWTP and the NWWWTP have concrete bottoms in them. Lagoons with concrete bottoms are significantly easier to operate and maintain. Staff recommends installing concrete bottoms in the lagoons that do not have them.

Project Capital Costs:

Budgeted FY 2017	13,280
Estimated FY 2018	239,000
Estimated FY 2019	0
Estimated FY 2020	0
Estimated FY 2021	0
Total Five-Year Costs	252,280
Prior Years Costs	0
Later Years Costs	0
Total Cost	\$252,280

Fund Source:

Waterworks & Sewerage Fund - Wastewater System:

Fund Balance - Utility Fund Revenues \$252,280

Total \$252,280

Operating Budget Impact: There is no current estimate for the operating impact that this project may have. Maintenance and labor savings generated by this project will most likely be diverted to other areas of need within the division.

**Community Investments Program
FY 2017 through FY 2021**

**SEWWTP Excess Flow Lagoon Modification
CIP #WW1702**

Project Description:

This project will include various modifications to the lagoons to help stabilize the banks and fully drain the lagoon by gravity back into the plant for treatment

Project Justification:

The excess flow lagoons at the SEWWTP were deepened a number of years ago, at the time funds were not available to provide a gravity drainage system to get all off the water back to the plant for treatment. This has caused water to remain in the ponds year round saturating the berms, which has caused some slope failures. Staff recommends reworking the lagoons berms and installing valves and piping to provide for proper drainage of the ponds.

Project Capital Costs:

Budgeted FY 2017	273,240
Estimated FY 2018	0
Estimated FY 2019	0
Estimated FY 2020	0
Estimated FY 2021	0
Total Five-Year Costs	273,240
Prior Years Costs	0
Later Years Costs	0
Total Cost	\$273,240

Fund Source:

Waterworks & Sewerage Fund - Wastewater System:

Fund Balance - Utility Fund Revenues \$273,240

Total \$273,240

Operating Budget Impact: There will be minimal ongoing operating costs when this project is completed.

**SEWWTP Logic Cabinet Upgrades
CIP #WW1703**

Project Description:

This project will provide for the design and construction of new logic cabinets and control systems at the SEWWTP. This will help insure plant reliability and operational efficiency.

Project Justification:

The main control systems at the SEWWTP are aging and in need of upgrading/replacement.

Project Capital Costs:

Budgeted FY 2017	0
Estimated FY 2018	174,000
Estimated FY 2019	0
Estimated FY 2020	0
Estimated FY 2021	0
Total Five-Year Costs	174,000
Prior Years Costs	0
Later Years Costs	0
Total Cost	\$174,000

Fund Source:

Waterworks & Sewerage Fund - Wastewater System:

Fund Balance - Utility Fund Revenues \$174,000

Total \$174,000

Operating Budget Impact: The operating impact of this project has not yet been developed.

**FY 2017 UNFUNDED
COMMUNITY INVESTMENT PROGRAM**

OPEN SPACE & PARKS

OS8301(U) Bikeway Network Plan
OS0002(U) Drainway/Greenway Completion
OS0902(U) East Side Sidewalks/Bikeways
OS1001(U) Friendship Plaza and Mill Street Underpass Fencing
OS1702(U) Off Road Bike/Pedestrian Path East Side of Giant City Road (Walnut Street to Dogwood Road)

PUBLIC BUILDINGS:

PB1001(U) Cemetery Maintenance and Office Building Replacement
PB1002(U) Public Works Garage Improvements
PB1003(U) Public Works Storage Building Replacements
PB1004(U) Public Works Facility Truck and Equipment Barn
PB1101(U) Cemetery Dry Soil Storage Building

PARKING SYSTEM:

PK9104(U) Parking Lot #3 Reconstruction (East of Railroad Tracks, South of Grand Avenue)
PK9802(U) Parking Lot #6 Reconstruction (South of Walnut Street, West of Railroad Tracks)

SANITARY SEWERS:

SA7301(U) Washington Street Sanitary Sewer (Monroe Street to College Street)
SA0001(U) Crestview Sanitary Sewer Rehabilitation
SA0107(U) Almond Street Sanitary Sewer Rehabilitation (Chestnut Street to Willow Street) and N/S Sewer 400' East of Springer St.
SA1001(U) Lakeland Subdivision Sanitary Sewer

SPECIAL PROJECTS:

SP0203(U) Bus Shelters
SP0602(U) Carbondale Business Park East
SP0903(U) Community Skateboard Park
SP0905(U) City Buildings Signage
SP1501(U) Old Historic Depot between Train/Caboose and Railroad Tracks Renovate Walkway
SP1701(U) Burying of Wires on Main Street on Illinois Route 13

STORM SEWERS/DRAINAGE:

SS9501(U) Lu Court/Deer Lake Drainage
SS9601(U) East End of Oak Street to Piles Fork Creek Drainway
SS0002(U) College/Freeman Storm Sewer (East of Poplar Street)
SS0003(U) Short Street to Crab Orchard Creek Drainway
SS0004(U) Oak Street Storm Sewer Improvements (310 East Oak)
SS0005(U) Gary Drive and Grand Ave Loop (East of Giant City Road)
SS0006(U) Oakland/Schwartz Area Drainage Ditch (behind homes)

**FY 2017 UNFUNDED
COMMUNITY INVESTMENT PROGRAM**

STORM SEWERS/DRAINAGE (Continued):

SS0301(U) Cherry Street Storm Sewer (Rawlings to Piplar Street)
SS0401(U) Little Crab Orchard Creek Channelization (Southeast of Northwest Wastewater
Treatment Plant to Charles Road)
SS0601(U) Logan Street Area Storm Drainage
SS0801(U) Valley Road Area Storm Drainage Improvements
SS0802(U) South Side of Linden Street Drainage Improvements
SS0901(U) Piles Fork Creek and Drainage Basin
SS1001(U) Morningside Drive Storm Sewer Replacement
SS1003(U) Green Earth Drainway Improvements (back of Emerald Lane)
SS1004(U) Dillinger Road Drainage Study/Improvements
SS1005(U) Pine Lane Storm Sewer Replacement
SS1101(U) Tripoli Storm Drainage Improvements
SS1102(U) Hunter Woods/Short Street Drainage Study

STREETS:

ST8101(U) Wall Street Improvements (Fisher to Knight)
ST8501(U) Oak Street Extension (Wall Street to Lewis Lane)
ST8703(U) High Street Improvements (Springer Street to Oakland Avenue)
ST8706(U) Owens Street Improvements (Bridge Street to Oakland Avenue)
ST9002(U) McKinley Street Improvements (West Sycamore to North Street)
ST9503(U) Mill Street Extension (Wall Street to Lewis Lane)
ST9505(U) Twisdale Avenue Improvements
ST9507(U) Walkup Avenue Improvements (Valley Road to Oakland Avenue)
ST9508(U) Johnson Avenue Improvements (Chautauqua Street to Walkup Avenue)
ST9509(U) Carter Street Improvements (Johnson Avenue to Hill Avenue)
ST9510(U) Hill Avenue Improvements (Johnson Avenue to Oakland Avenue)
ST9511(U) Oakland Ave (Southbound) Right Turn Lane at West Main Street
ST0001(U) Park Street/Wall Street Intersection West Approach from SIU Towers
ST0002(U) Logan Street Improvements (Main Street to Walnut Street)
ST0003(U) Graham Street Improvements (Main Street to Walnut Street)
ST0005(U) Poplar Street/Mill Street/Lincoln Drive Intersection
ST0006(U) Robert A Stalls Avenue (North of Fisher Street)
ST0007(U) Pierce Street, North
ST0008(U) McQueen Street
ST0009(U) Burke Street, East
ST0010(U) Searing Street
ST0011(U) Jenkins Street, East
ST0012(U) Knight Street, East
ST0013(U) Allman Street, North
ST0015(U) Dillinger Road Improvement (McRoy Drive to Marion Street)
ST0016(U) Dogwood Lane Improvements
ST0017(U) Lake Heights Road Improvements (Walnut Street to Jackson County Housing)
ST0018(U) Sycamore Street Reconstruction (Oakland Avenue to University Avenue)

**FY 2017 UNFUNDED
COMMUNITY INVESTMENT PROGRAM**

STREETS: (Continued)

ST0101(U) Old West Main Street Reconstruction (Glenview Drive to Emerald Lane)
ST0103(U) Billy Bryan Street Reconstruction (Sycamore Street to 1500 Feet North)
ST0104(U) Gum Street Reconstruction
ST0105(U) Connor Street Reconstruction
ST0301(U) Dillinger Road Reconstruction (US Route 51 to McRoy Drive)
ST0303(U) Town Square/Downtown Area Brick Pavement Repair
ST0304(U) Striegel Road Reconstruction (Illinois Route 13 to New Era Road)
ST0306(U) Norwest Lane Reconstruction
ST0307(U) Gary Drive Reconstruction (Giant City Road to Drury Avenue)
ST0308(U) Grand Avenue Reconstruction (Giant City Road to Drury Avenue)
ST0309(U) Drury Avenue Reconstruction (Grand Avenue to Gary Drive)
ST0310(U) Liberty Lane Reconstruction (Grand Avenue to Gary Drive)
ST0402(U) Curb Replacement Throughout Carbondale
ST0503(U) Taylor Drive Reconstruction (Chautauqua Street to Freeman Street)
ST0504(U) Valley Road Reconstruction (Taylor Drive to Freeman Street)
ST0601(U) McLafferty Road Turn Lane at Chautauqua Street
ST0602(U) Sycamore Street Extension to New Era Road
ST0603(U) East/West Connector - Oakland Avenue to New Era Road at Oakland Cemetery
ST0901(U) Cul-de-sac at End of West North Street
ST0905(U) Pedestrian Crosswalks on Illinois Route 13 at New Era Road, McKinney Drive, Giant City Road and Reed Station Road
ST0906 (U) Mill Street and Normal Avenue Intersection Design
ST1001(U) W. Freeman Street (between University Baptist Church and Trinity School)
ST1002(U) Chautauqua Street Improvements
ST1003(U) W. Pleasant Hill Road (from McLafferty to Rowden Road) Improvements
ST1004(U) Street Joint Replacements Program
ST1202(U) Oaklawn Subdivision, Hill, Carter, Johnson, Twisdale, Walkup Streets Improvements
ST1203(U) Grand Avenue and Mill Street Boulevard Improvements
ST1501(U) Grand Avenue - Wall to Lewis Lane Reconstruct to Include Bicycle Paths on Both Side of the Street
ST1502(U) Pleasant Hill Road - McLafferty to Union Hill Road Reconstruction
ST1503(U) Poplar Street - Main Street to Sycamore Street Reconstruct to Include Bicycle Paths
ST1504(U) New Era Road - Glenn Road to Airport Road Reconstruction
ST1505(U) Frontage Road Improvements at Giant City Road and Route 13
ST1601(U) West Main Street - Clinic Drive Frontage Road

SIDEWALKS:

SW9601(U) Dogwood Lane Sidewalk Improvements
SW9602(U) Lark Lane Sidewalks (Murphysboro Road to Kent Drive)
SW9603(U) Rod Lane Sidewalks (North & South of Sunset Drive)
SW0702(U) Cherry Street Sidewalk/Storm Sewer (Forest Avenue to Oakland Avenue)
SW0802(U) Sidewalk Eastside of Fisher and Searing
SW1001(U) State Street Sidewalks (from Mill Street to Hester Street)
SW1402(U) East Walnut Street Sidewalks

TRAFFIC SIGNALS:

TS9601(U) Traffic Signals with Pedestrian Actuation (Walnut Street at Marion Street)
TS9701(U) Oakland Avenue/Freeman Street Intersection Traffic Signals
TS9702(U) Mill Street/Oakland Avenue Intersection Traffic Signals
TS9703(U) Mill Street/Poplar Street Intersection Traffic Signals
TS9704(U) Mill Street/University Avenue (Normal Avenue) Intersection Traffic Signals
TS0201(U) Giant City Road East Mall Road/Sunny Acres Intersection Traffic Signals
TS0204(U) Audible Signals for the Visually Impaired
TS0301(U) Grand Avenue/Lewis Lane Intersection Traffic Signals
TS0801(U) Mill Street/Washington Street Traffic Signal Turn Arrows for Eastbound and Westbound Traffic

**FY 2017 UNFUNDED
COMMUNITY INVESTMENT PROGRAM**

WATER SYSTEMS:

WS8502(U) Jackson Street Water Main (Washington Street to Wall Street)
WS8503(U) Washington Street Water Main (Walnut Street to Grand Avenue)
WS9202(U) Main Street Water Main (Glenview Drive to Emerald Lane)
WS9502(U) Walnut Street Water Main (Illinois Avenue to Washington Street)
WS9801(U) Water Line Extension East of McRoy Drive
WS9807(U) Freeman Street Water Main Replacement (Oakland Avenue to Valley Road)
WS9808(U) Jackson County Housing Water Line between Ashley, Chestnut, Brush, & Robert A Stalls Avenue
WS9813(U) Main Street Water Main Replacement (Marion Street to Lewis Lane)
WS9816(U) Norwest Lane/New Era Road Water Main Loop
WS0103(U) Lincoln Street Water Line Replacement (College Street to Mill Street)
WS0107(U) Hill Street Water Line Replacement (Carter Street to Oakland Avenue)
WS0108(U) Cherry Street Water Line Replacement (Oakland Avenue to James Street)
WS0112(U) Michaels Street Water Line Replacement (From Willow Street to 300 Ft North)
WS0115(U) McKinley Street Water Main Replacement (Sycamore Street to North Street)
WS0205(U) Billy Bryan Street Water Line Replacement (Gher Street to 150' North of Willow Street)
WS0303(U) Elm Street Water Line Replacement (Washington Street to Marion Street)
WS0801(U) Union Hill Road Raw Water Line
WS0903(U) Marion Street North from Fisher Street Water Line Replacement
WS0908(U) Cedar Lake Boat Access Program Development
WS0909(U) Automatic Meter Reading System
WS1001(U) Paint the Water Treatment Plant
WS1003(U) Water Plant Expansion
WS1004(U) Cedar Lake Replace Water Control Structure
WS1501(U) Cedar Lake Boat Launch Renovation at the North End of Cedar Lake Boat Launch Area Parking Lot

WASTEWATER SYSTEM:

WW1008(U) Northwest Wastewater Treatment Plant Primary Clarifiers Troughs, Weirs, Center Column in Both Tanks Replaced
WW1010(U) Northwest Wastewater Treatment Plant Upgrade from 2.64 MGD to 4.2 MGD
WW1011(U) Southeast Wastewater Treatment Plant Upgrade from 6 MGD to 9 MGD
WW1501(U) Southeast Wastewater Treatment Plant New Ultraviolet Light Disinfection
WW1503(U) Murdale Lift Station