CITY COUNCIL WORKSHOP
AGENDA
MUNICIPAL CENTER - COUNCIL CHAMBERS
02/09/2015

CAPITAL IMPROVEMENT PROGRAM (CIP)

A. INTRODUCTION

B. TRANSPORTATION, ENGINEERING & DEVELOPMENT

C. RIVERWALK

D. FIRE

E. POLICE

F. INFORMATION TECHNOLOGY

G. PUBLIC WORKS

H. DPU-WATER

I. DPU-ELECTRIC

J. LIBRARY

K. NAPER SETTLEMENT

L. APPENDIX

Any individual with a disability requesting a reasonable accommodation in order to participate in a public meeting should contact the Communications Department at least 48 hours in advance of the scheduled meeting. The Communications

Department can be reached in person at 400 S. Eagle Street, Naperville, IL., via telephone at 630-420-6707 or 630-305-5205 (TDD) or via e-mail at info@naperville.il.us. Every effort will be made to allow for meeting participation.

City of Naperville

Capital Improvement Program

City Council Workshop

February 9, 2015

What are the steps in the City's budget process?

October 27th 2014
Conduct workshop to review the 5 Year Plan & tax levy estimates

November 5th 2014
Present the property tax levy estimates

November 5th 2014
Place the tax levy estimates on file for public review

December 2nd 2014
Hold a public hearing on the property tax estimates

December 2nd 2014
Adopt the property tax levy ordinance

November – January 2015
Staff refines revenue and expenditure estimates presented in the 5 Year Plan

February – March 2015
Conduct workshops to review the FY16 proposed budget

February – March 2015
Present the FY16 proposed budget

March/April 2015
Abate tax levy, if needed based on revised estimates

April 2015
Hold a public hearing on the FY16 Annual Budget

April 2015
Adopt the FY16 Annual Budget

Workshop Agenda

- Basics of the CIP
- Recap of current year's program
- Overview of FY16 requested CIP
- Review of detailed projects by Departments
- Discussion of Debt Position and impact of CIP

What is the CIP?

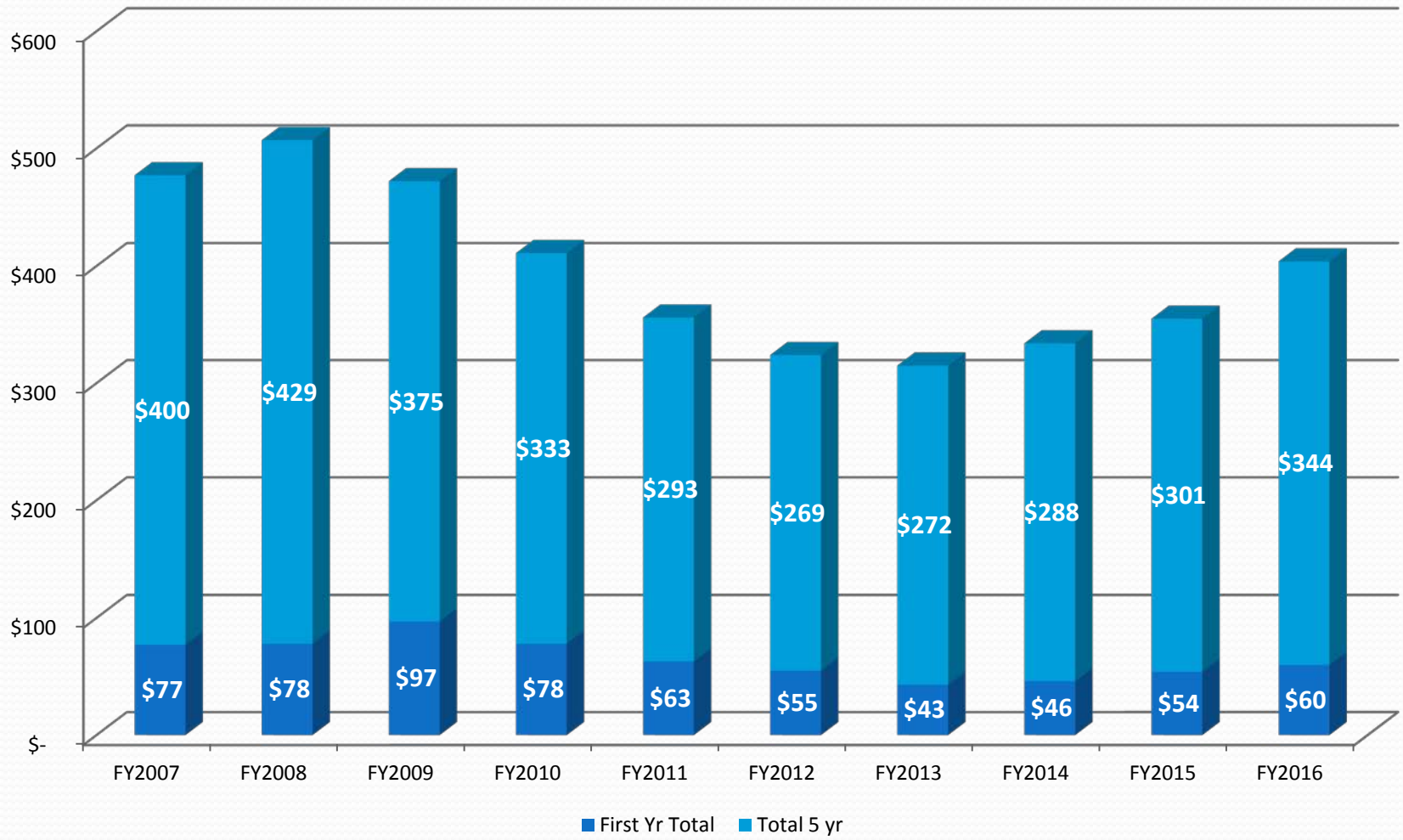
- Capital Improvement Program (CIP) is a plan that summarizes all major capital expenditures for the next 20 years.
- Three phases to the program…
  - Coming Year (FY16) – refined
  - 5-year plan (FY17-FY20) – estimated
  - Future outlook (FY20-36) – projected

Current Year (FY15) Program Update

- Total program value = $54 million
  - $41 million – General Services
  - $13 million – Public Utilities
- Multiple funding sources
- $17 million of borrowing, includes…
  - $6 million – Water Street District Improvements
  - $2 million – Route 59 project
  - $1 million – Storm Sewer Lining Program
  - $900,000 – 95th Street bridge work
  - $800,000 – LED Street Light Conversion
- Completed bond deal in May 2014, rate = 2.8%*

* Represents the true interest cost (TIC)

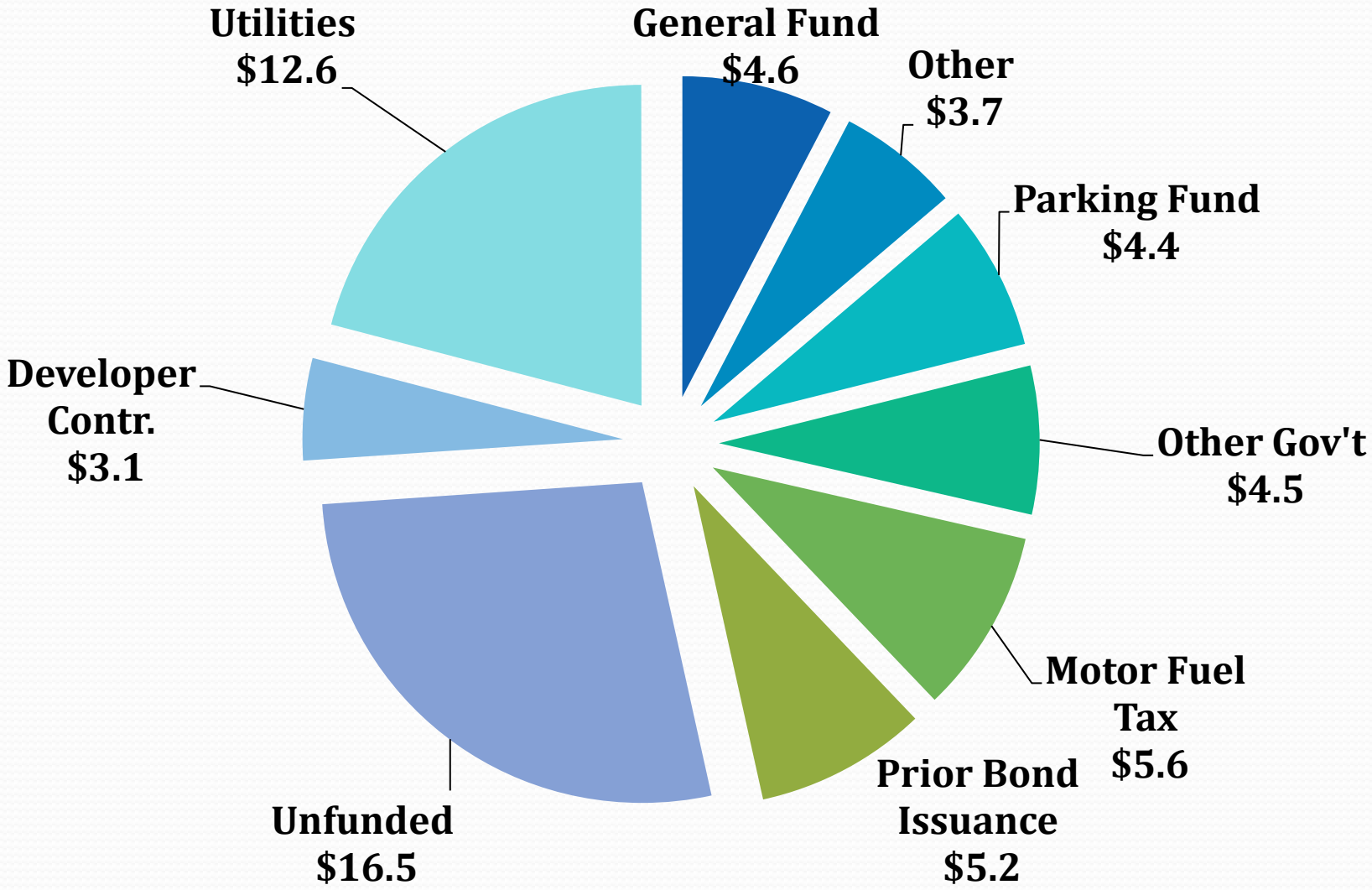
5 –Year Program Values : Last 10 years



FY16 Program

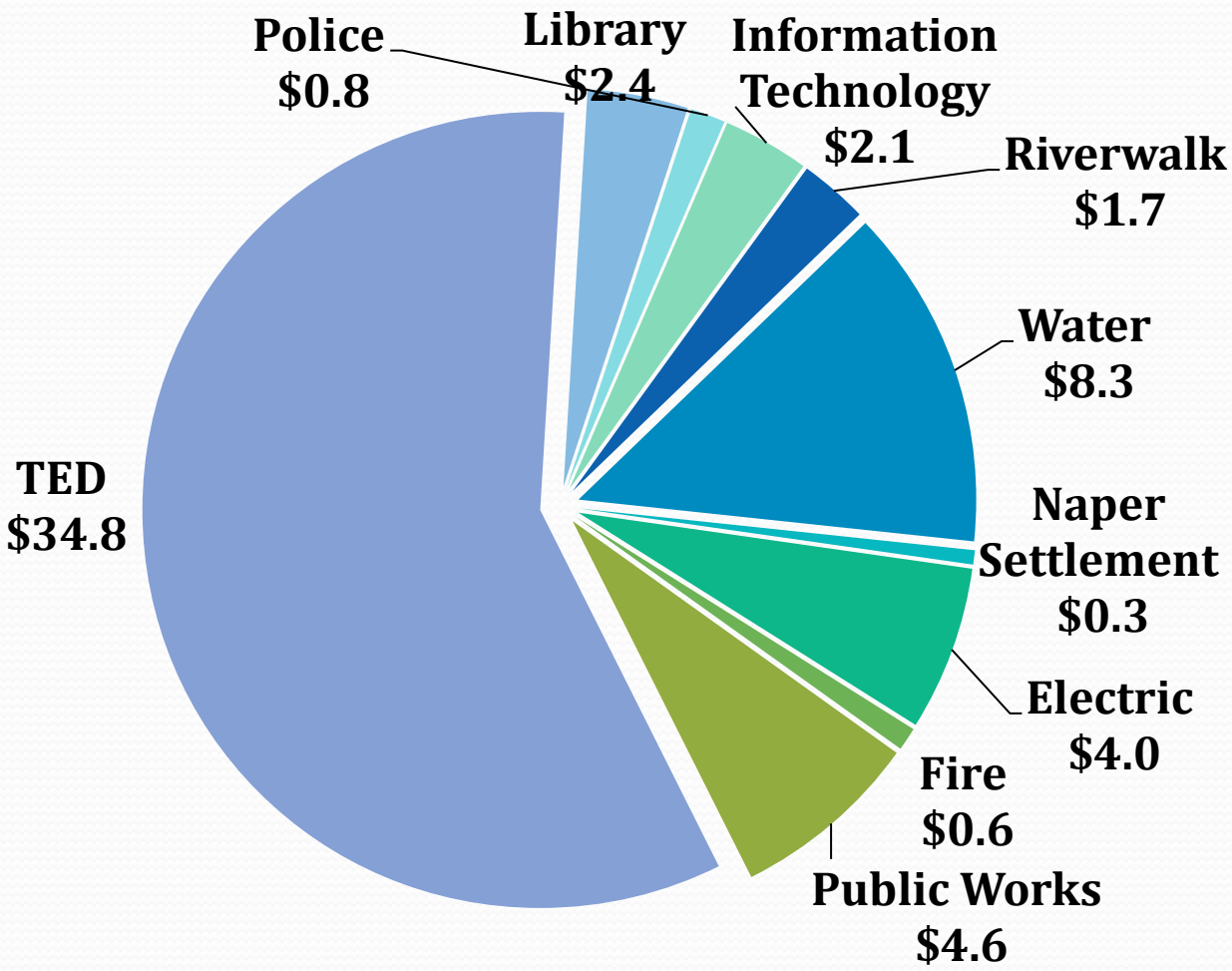
- Requests total $60 million
- 10 year average program value is $65 million
- Nearly $3 million funded by developer contributions
- $5 million from other governmental entities
- $13 million funded by Electric and Water Funds
- General Fund contribution is approx. $5 million
- Over 72% of program has funding identified

FY16 Program : Funding Sources



$ shown in millions

FY16 Program by Department



$ shown in millions

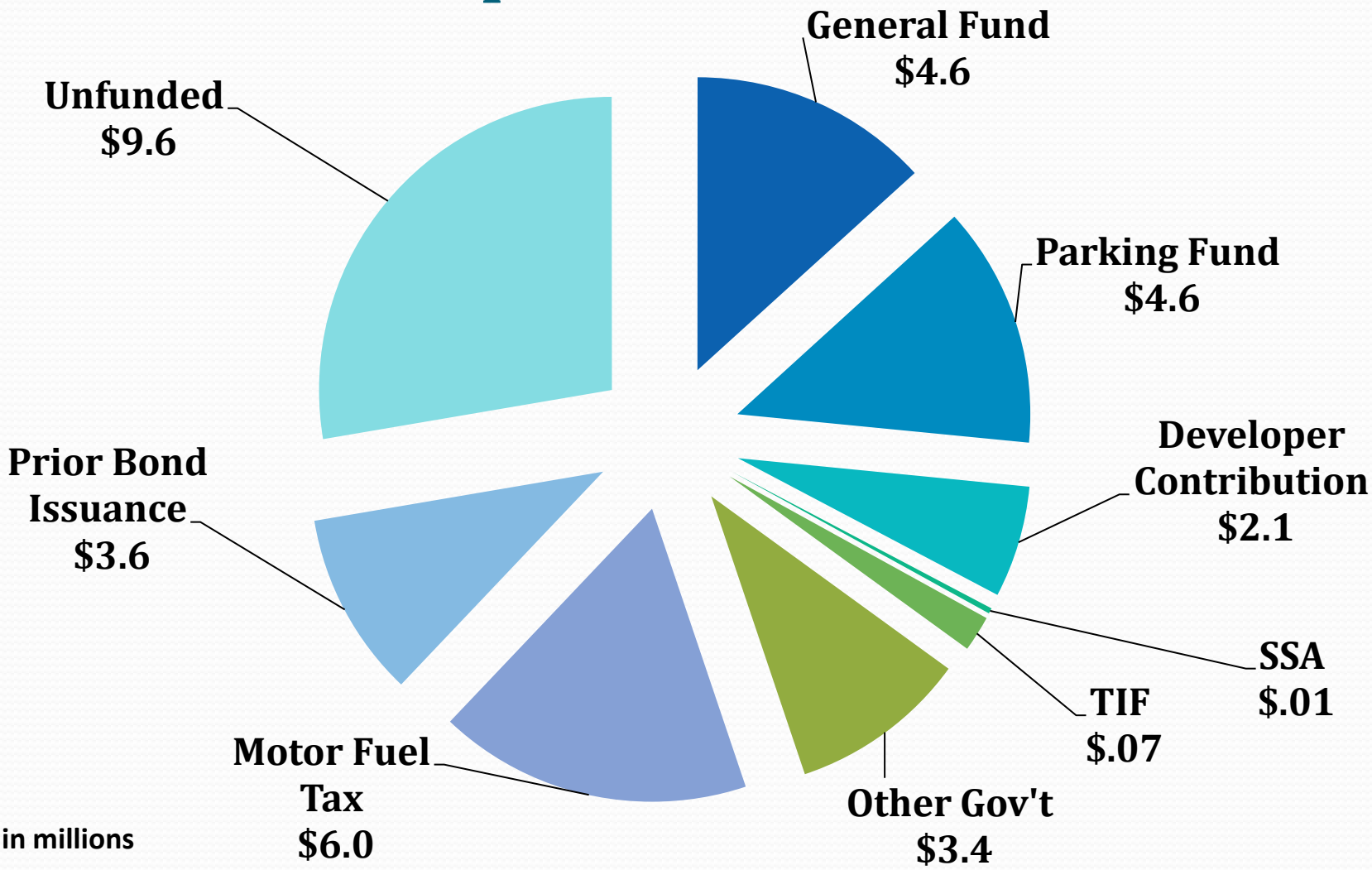
Departmental Requests

TED – FY15 Update

- Road Improvements Rt 59 from Aurora Ave to Ferry Rd
  - Provided three through lanes and additional turn lanes to reduce congestion and accidents
- 95th Street Bridge
  - Bridge provides new traffic corridor across the DuPage River
- Traffic Signal Route 59 and Lacrosse
  - Installed traffic signal to mitigate high-accident intersection
- Municipal Park Lot Maintenance
  - Maintain public parking areas such as commuter parking lots, downtown public parking lots and various municipal buildings such as fire stations

TED – FY16 : Funding Sources

Total Request - $34.8 million



in millions

TED – FY16 : New Projects

- Land Purchase at Naper Blvd and 75th St (SC140)
  - Strip 20 feet wide along west side Naper Blvd for future intersection improvements. $140,000
- Road reconstruction 91st Street; 250th to Schoger Dr (SC256)
  - Road improved to City collector street standards. $1.5 million
- Traffic Signal Equipment Replacement Program (TC221)
  - Replacement of various higher cost signal equipment; this year the work involves replacement of video detection system at 95th and Cedar Glade. $40,000
- Roadway upgrade Naperville-Wheaton Rd Plank to Burlington (SC254)
  - Reimbursement to Burlington Meadows subdivision for roadway upgrades not attributable to the development. $860,000
- Downtown Central Business Streetscape (CS014)
  - Evaluate and study new sidewalks and parkway features as defined by the Naperville Downtown 2030 Plan Guidelines. $75,000

TED – FY16 : Multi-year Projects

- Water Street District Improvements (MB138)
  - Parking deck, Riverwalk and other improvements - $12.4 million
- Central Parking Facility (MB163)
  - Reconstruction and expansion of Central Parking Facility
  - Design Engineering - $800,000
- North Aurora Road Underpass (BR005)
  - Land and Design Engineering-$2.35 million
- Centralized Traffic Management System (TC217)
  - System software and communication upgrades-$1.76 million
- Downtown Washington Street Bridge (BR031)
  - Preliminary Engineering-$340,000
- Street Maintenance Improvement Program (MP009)
  - Annual program- $10.6 million

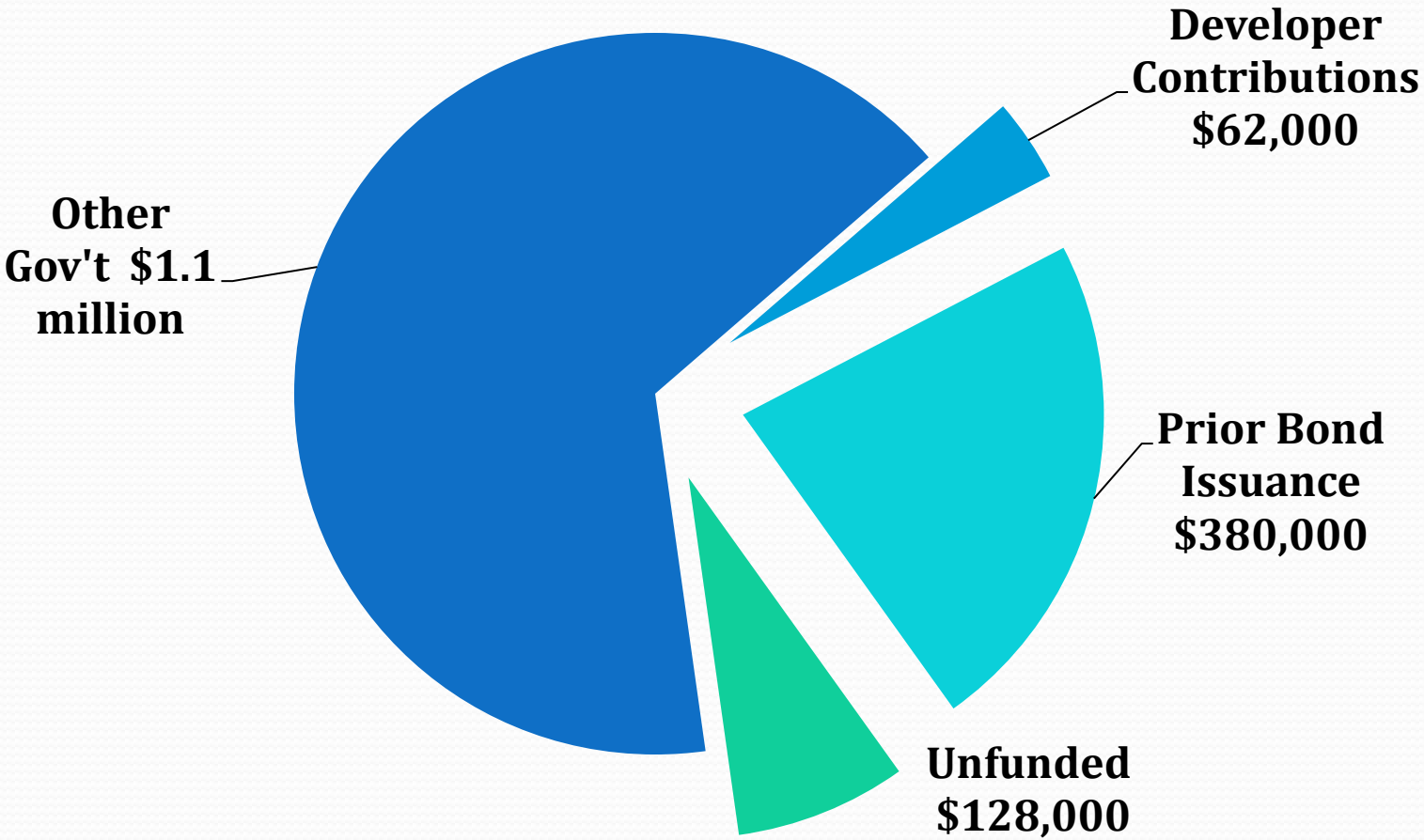
Riverwalk - FY15 Update

- NCC Park – 430 South Washington Street
  - Final engineering/design and permitting completed

- Annual Riverwalk Rehabilitation Program
  - Replacement of curb/gutter in Section2, repair of metal pedestrian bridge, installation of ADA required railing and preliminary engineering in preparation for caulking/waterproofing the Carillon's Moser Tower.

Riverwalk - FY16 : Funding Sources

Total Request - $1.7 million



Riverwalk – FY16 Program

New Projects

- Moser Tower at Carillon (PA046)
  - Full structural assessment will be conducted before investing in a new elevator - $50,000
- Hillside Road at Washington (PA047)
  - Future extension of the Riverwalk from Hillside Road south to Martin Avenue has been endorsed but a timeline has not been identified. However with Dunkin Donuts underway a retaining wall will be needed, city is participating in a cost share of a taller retaining wall - Projected city costs $38,000

Riverwalk – FY16 Program

Multi-Year

- NCC Park (PA024)
  - Will construct lower walkway from existing staircase at Washington Street southeast toward Moser Bridge; will provide ADA compliant accessibility - $1.5 million

Annual Programs

- Annual Riverwalk Maintenance (PA022)
  - Annual program which supports the Naperville Riverwalk Development Guidelines - $50,000

Fire Department – FY15 Update

- Mobile Fire Inspections
  - Made inspection process more efficient and eliminated the need to handle the same paperwork multiple times
  - Customers and staff now receive permit information immediately after the inspection
- Emergency Medical Equipment
  - Replaced cardiac monitors in all front line ambulances
  - Cardiac monitors will be replaced in front line fire apparatus (split between FY15 and FY16)
  - Improves the department's ability to evaluate cardiac rhythms and quickly deliver cardiac defibrillation while performing the highest quality of uninterrupted CPR
  - Establishing an Early Access to Defibrillators program that will put more Automated External Defibrillators (AED's) in public areas
  - Initiated program to alert citizens of a person in cardiac arrest with access to an AED. Includes interaction with Naperville PSAP and citizens to provide early intervention for critical emergency medical incidents.

Fire Department – FY16 Program
Total Request - $565,000

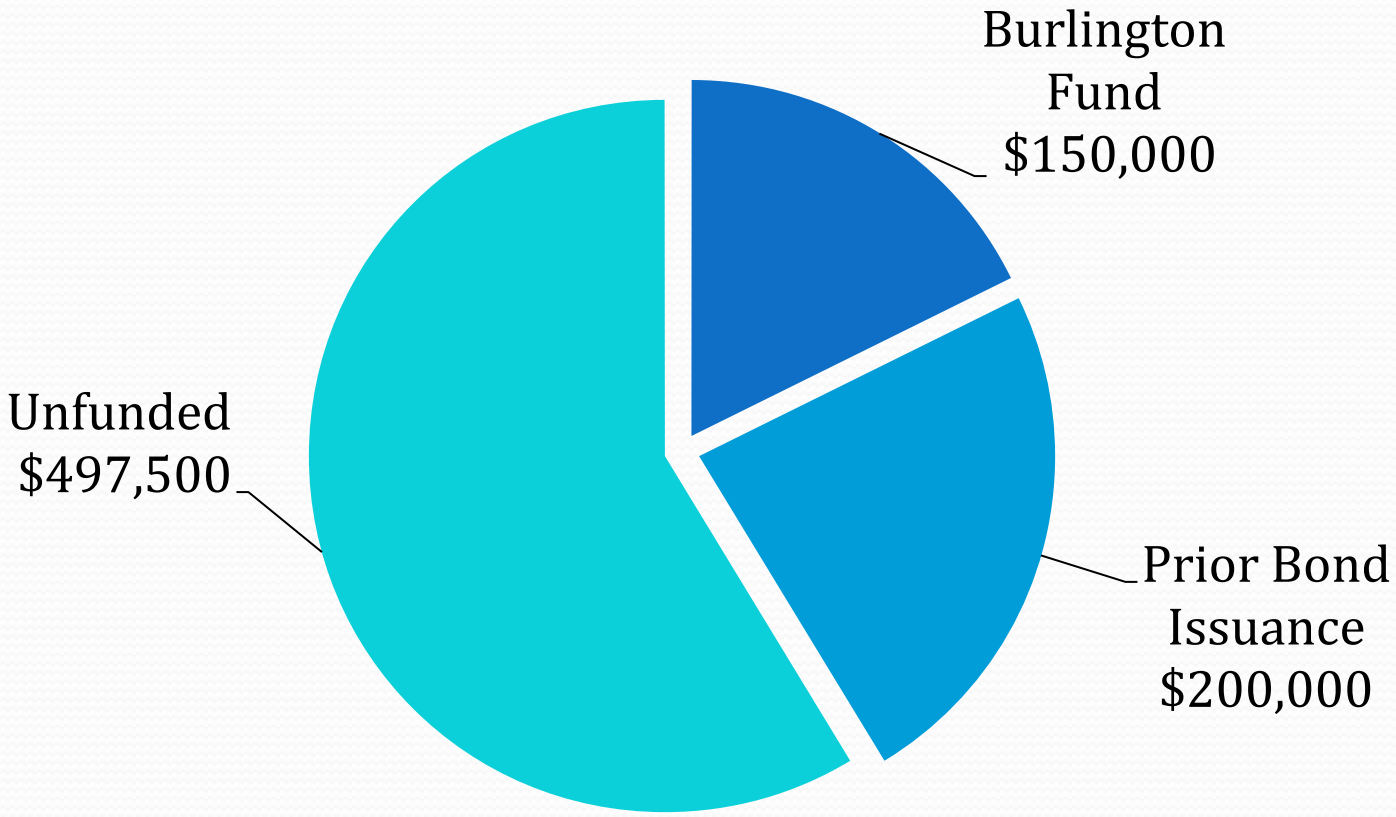
Emergency Medical Equipment (EQ040)

- A carryover project from FY15
- Complete replacement of cardiac monitors in front line fire apparatus $125,000
- Install power assisted and power loading cots into the city's ambulances $435,000
- Repairs of EMS simulation trainer mannequins $5,000

Police Department – FY15 Update

- Upgrade to Police Firing Range – final phase
  - Configured for high velocity rifle training,
  - Operational for deadly force decision making training, and
  - Environmentally free from inhaled contaminates

Police FY16 : Funding Sources
Total Request – $847,500



Police Department – FY16 Program

- **New Projects**:
- Interim SMS Text to 9-1-1 Solution (CE139)
  - Provides interim SMS Text to 9-1-1 solution while standards and technology are developed by industry to deploy full Next Generations 9-1-1 solutions - $36,000
- Parking Management and Enforcement System (CE141)
  - Allow officer to issue citations, reference vehicle information, alert officers of habitual offenders and capture violation images in the field - $150,000
- Windows based OSSI Server (CE142)
  - Allows mobile computing, field reporting and message switch application wirelessly - $31,500
- Technology and furnishing upgrades (EQ043)
  - Update training room, conference room and roll call room to enhance technology in training environments - $90,000 (Phase 1)
- Ammunition Storage Facility (MB191)
  - Create a secure ammunition storage facility located outside the existing range facility - $80,000
- Security Renovations Police Department Lobby (PD015)
  - Implement security measures for safety of front line personnel - $110,000 (Phase 1)

Police Department – FY16 Program

Multi-year

- Defensive Tactics and Fitness Facility (MB190)
  - Council approved funding in FY15, however further research found that additional funding of $150,000 is required to complete the facility as designed - $350,000

Information Technology – FY15 Update

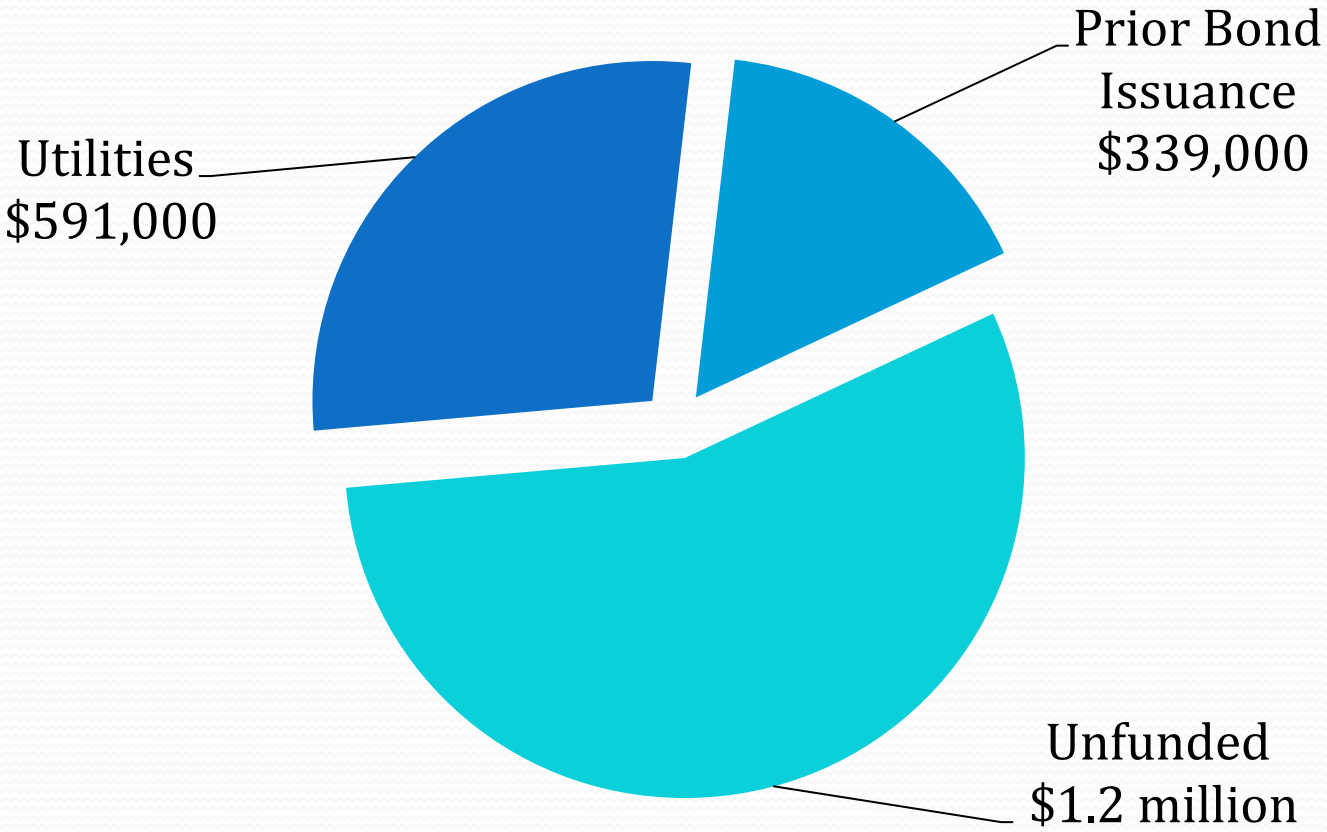
- Payment Card Industry (PCI) Compliance (CE144) $88,300
  - RFP for gap analysis/remediation, vendor award in April
  - Combined with CE128

- Office 365 (CE123) $380,000
  - Five responses, vendor award in March, estimated completion in late summer

- Enterprise Resource Planning (ERP)
  - One-day demonstrations from five vendors in October
  - Develop RFP summer 2015

- Criminal Justice Information System (CJIS)Dual Authentication (CE130) $79,470
- Fingerprint System Upgrade (CE133) $68,628
- GIS Web Content Management (EG008) $33,680

Information Technology FY16:Funding Sources Total Request - $2.1 million



Information Technology – FY16 Program

- Upgrade electronic records system (EDMS) (CE143) $65,000
  - Search/index City documents
  - Allow media streaming of documents

- Network Security Infrastructure for PCI Compliance (CE128) $423,000
  - Combined with CE144
  - Anti-malware application and additional firewalls

- Storage Area Network Replacement (CE145) $156,000
  - Reduced the number of physical servers and associated replacement/maintenance costs
  - SAN components are reaching end of life, data will be at risk

Information Technology – FY16 Program

- Redesign of City Website (EG004) $352,000
  - Vendor award in April 2015, completed project by April 2016

- Network Switch Replacement (CE131) $260,000
  - Reaching end of life
  - City network depends on switch performance
  - Enable the City to upgrade network speed

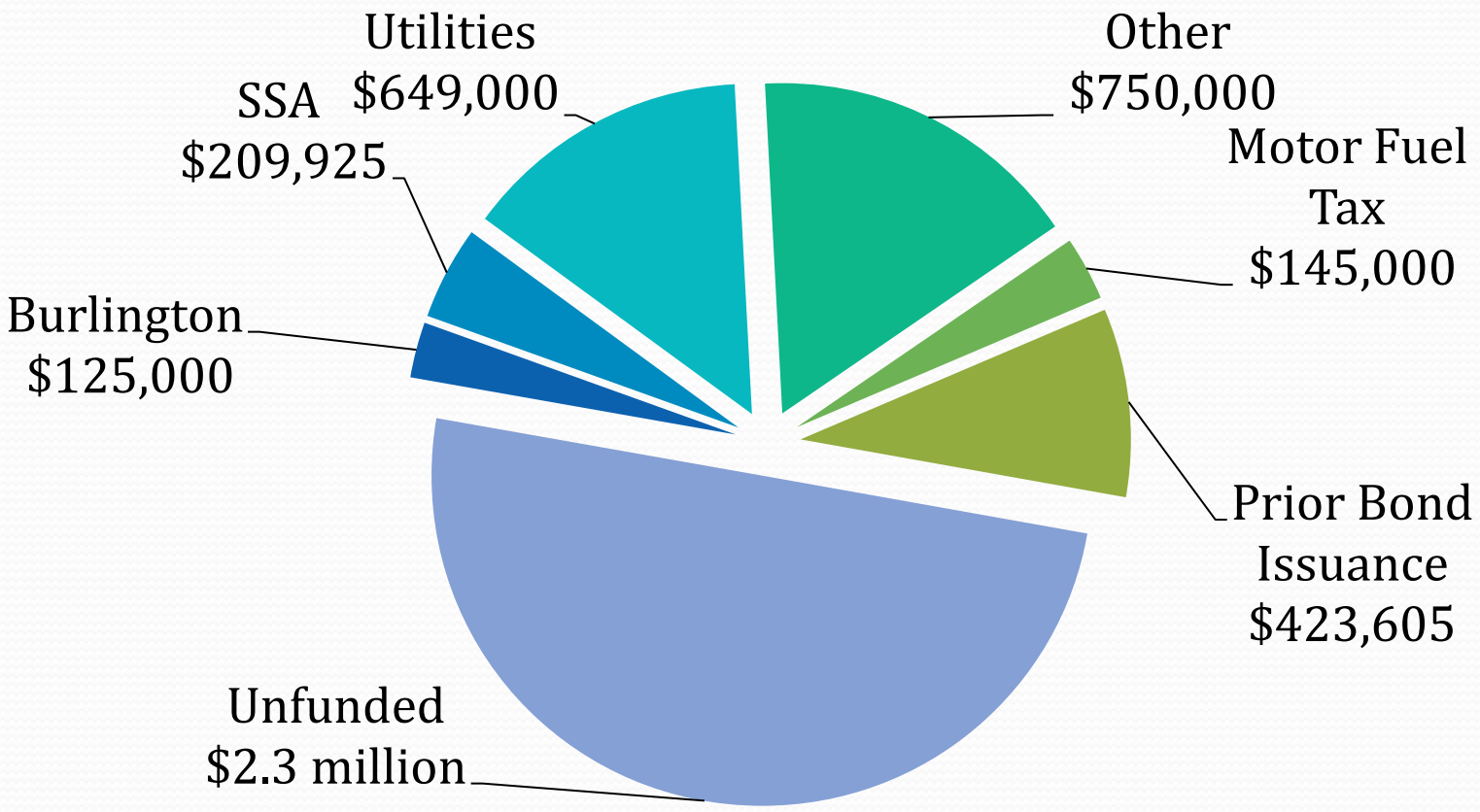
- Network Infrastructure Replacement (CE120) $185,000
  - Replaces infrastructure that supports downtown video safety/surveillance camera system and parking guidance system

- Enterprise Resource Planning Software (CE125) $500,000
  - RFP, vendor selection, and start of implementation

Public Works – FY15 Update

- Environmental Collection Center
  - This site, a partnership project with the State of Illinois, will open at the end of February and will consolidate DPW's environmental services to improve efficiency and expand capacity for green initiatives.
- LED Street Lighting Conversion
  - DPW will begin replacing 1,400 arterial street lights with LED fixtures in April. This project will reduce energy and maintenance expenses.
- Multiple Maintenance Projects
  - Completed the replacement of Salt Conveyor System, floor repairs and replacements at Fire Stations #2, tuck-pointing of masonry at Fire Stations #7, and the replacement of partition walls in meeting rooms A, B, and C at the Municipal Center
- Annual Projects
  - Continued the City's annual stormwater projects, Emerald Ash Borer Removal and Replacement, and the Alley Improvement Projects

Public Works FY16:Funding Sources Total Request - $4.6 million



Public Works – FY16 Program

- **NEW PROJECTS**
- Emergency Vehicle Exhaust System Replacement (MB199)
  - Phase I; installing 3 new systems at Fire Stations #2, #3 and #6 to prevent future breakdowns - $109,000
- Furnace & A/C Replacement (MB201)
  - Install new units at Fire Administration Building; current units 20 years old; potential grant opportunities - $26,000
- SCADA Uninterruptable Power Supply Replacement (MB202)
  - Due to an increase in servers and addition of A/C unit at Electric Service Center, a UPS system is in need of replacement - $53,000

Public Works – FY16 Program

- **NON-RECURRING PROJECTS**
- Electric Service Center Roof Replacement (MB161)
  - The roof is 24 years old and in need of replacement to prevent roof failure and emergency repairs. This is Phase III and IV - $471,000
- Elevator Upgrade at Municipal Center (MB167)
  - The repair work will minimize risk of elevator down-time, reduce future repair work, and improve safety and reliability - $68,000
- Burlington Commuter Station Tuck-pointing (MB170)
  - This project will complete the restoration and repair of the masonry at the commuter station - $125,000

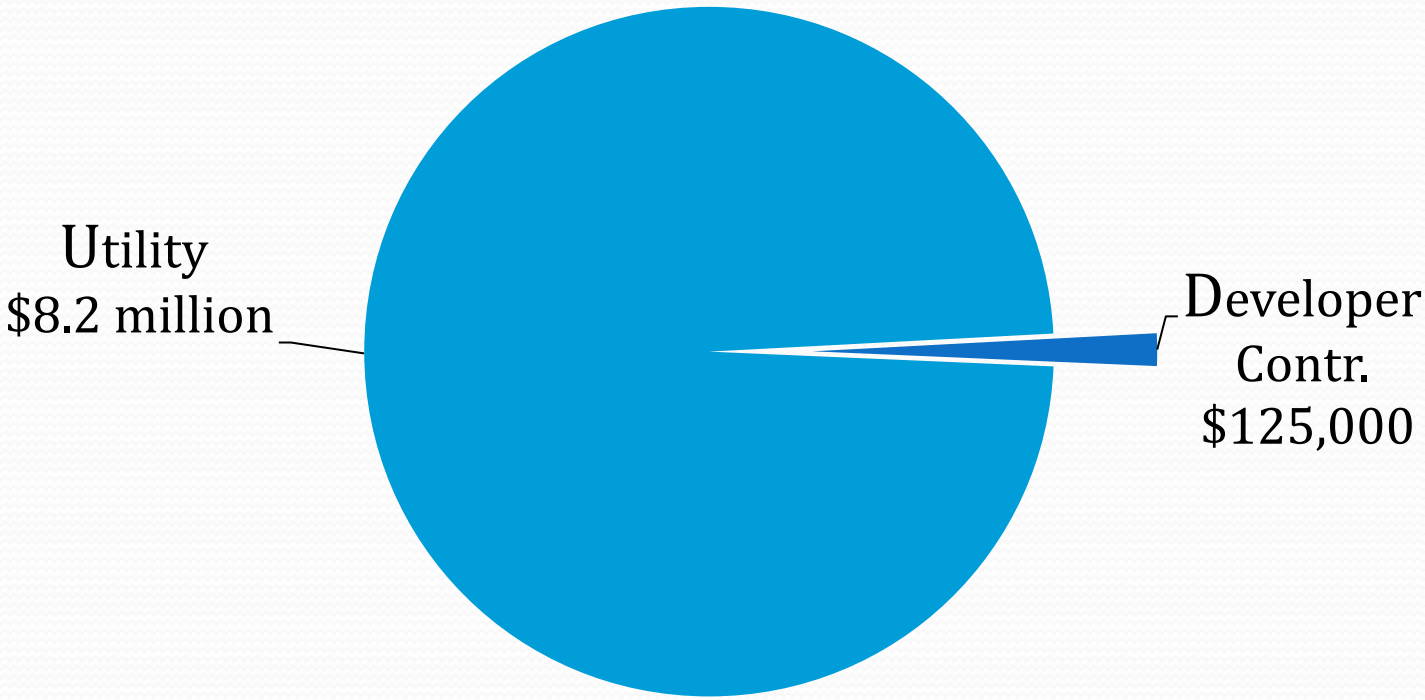
Public Works – FY16 Program

- Parking Deck Maintenance – Downtown (MB160)
  - Decks at Chicago Avenue and Van Buren require on-going maintenance based upon consultant report - $210,000
- Emerald Ash Borer Program (PA040)
  - Improves the health of the City's urban forest through the removal and replacement of EAB infested trees - $427,500
- LED Street Lighting Conversion (SL137)
  - Replacing 7,000 residential street lights with LED fixtures over 2 years, this project will reduce energy & maintenance expenses - $1.2 million
- Stormwater System Improvement Projects (SW001, SW017, SW026)
  - These projects include storm sewer lining, stormwater management projects and storm sewer replacement projects - $1.24 million
- Alley Improvement Program (SC223)
  - DPW will reconstruct 3 alleys in FY16 to improve stormwater and roadway surfaces. This will complete 43 of 61 alleys Citywide. $145,000

Water – FY15 Update

- Water Main Rehabilitation Program
  - Water replaced 1,750 lineal feet of water main on Loomis Street and Sleight Street
- Water Main Relocation/Replacement
  - In conjunction with Rt. 59 reconstruction project 2,900 lineal feet water main were relocated/replaced, much of the work funded by IDOT
- Sanitary Sewer System Rehabilitation
  - Continued to rehabilitate and replace over 16,000 lineal feet of old deteriorated portions of the sanitary sewer system
- Grit Removal and Return Activated Sludge Upgrades
  - Construction will be completed May/June 2015, the project includes an upgraded grit removal system and a new RAS pump station to meet current and future plant capacity

Water FY16 : Funding Sources
Total Request - $8.3 million



Water – FY16 Program

New Project

- Bio-solids Holding Tank (WWU42)
  - Replacement of 18-year holding tank at the Springbrook Water Reclamation Plant which has un-repairable damage -$1.2 million

Mulit-year

- Facility Replacement (WWU41)
  - Projects include Roof replacement for Bio-solids Processing building and Screenings building; Upgrade of HVAC equipment at Bio-solids Processing building and Administration building; Replacement/upgrade of site non-potable water system for Administration building and Bio-solids Processing building - $400,000

Water – FY16 Program

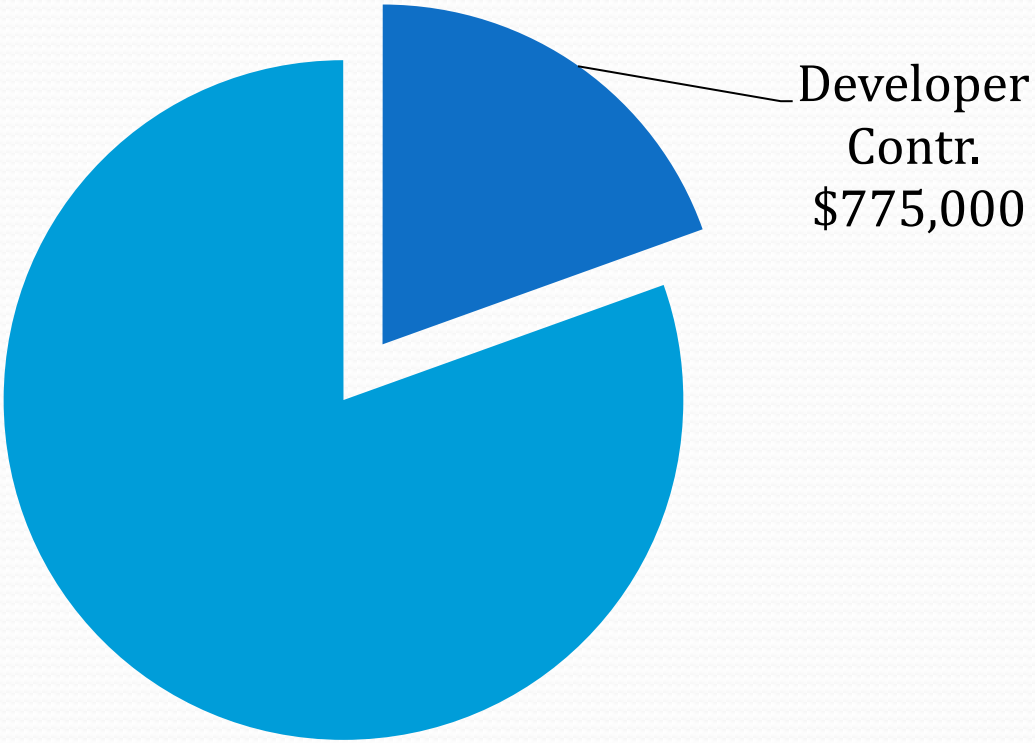
Annual Programs

- Water Metering Replacement (WU20)
  - Replacement of older meters will replace approximately 17,300 water meters between FY16 and FY20 - $750,000
- Rehabilitation of Sanitary Sewer System (WWU06)
  - Project will rehabilitate approximately 15,000 linear feet of main line sewers and 150 sewer service laterals annually - $2.6 million
- Sanitary Sewer Capacity Improvement (WWU10)
  - Replace undersized sewers to eliminate sewer backups into basements and prevent illicit discharges - $900,000

Electric – FY15 Update

- Electrical System Relocations
  - Two projects have been completed, Route 59 widening project and 95th Street and Plainfield-Naperville Road Improvements
- Underground Conduit (Duct Bank) Additions
  - Construction has been deferred but engineering has been completed for the Kmart duct bank and Ogden Avenue to River Road duct bank
- Substation Automation System
  - To reduce power purchase costs and improve grid efficiency deployment of a Conservation Voltage Reduction (CVR) program is underway; completed pilot at Meadows Substation and deployed system at Pebblewood, Ogden, and Royce Substations.

Electric FY16 : Funding Sources
Total Request - $4.0 million



Electric – FY16 Program

New Projects

- Replacement of Power Transformer (EU79)
  - Transformers are essential to providing power to the end user, some transformers are 40-50 years old and are approaching end of useful life. This transformer will be a replacement due to failure at the Lucent Substation site - $650,000

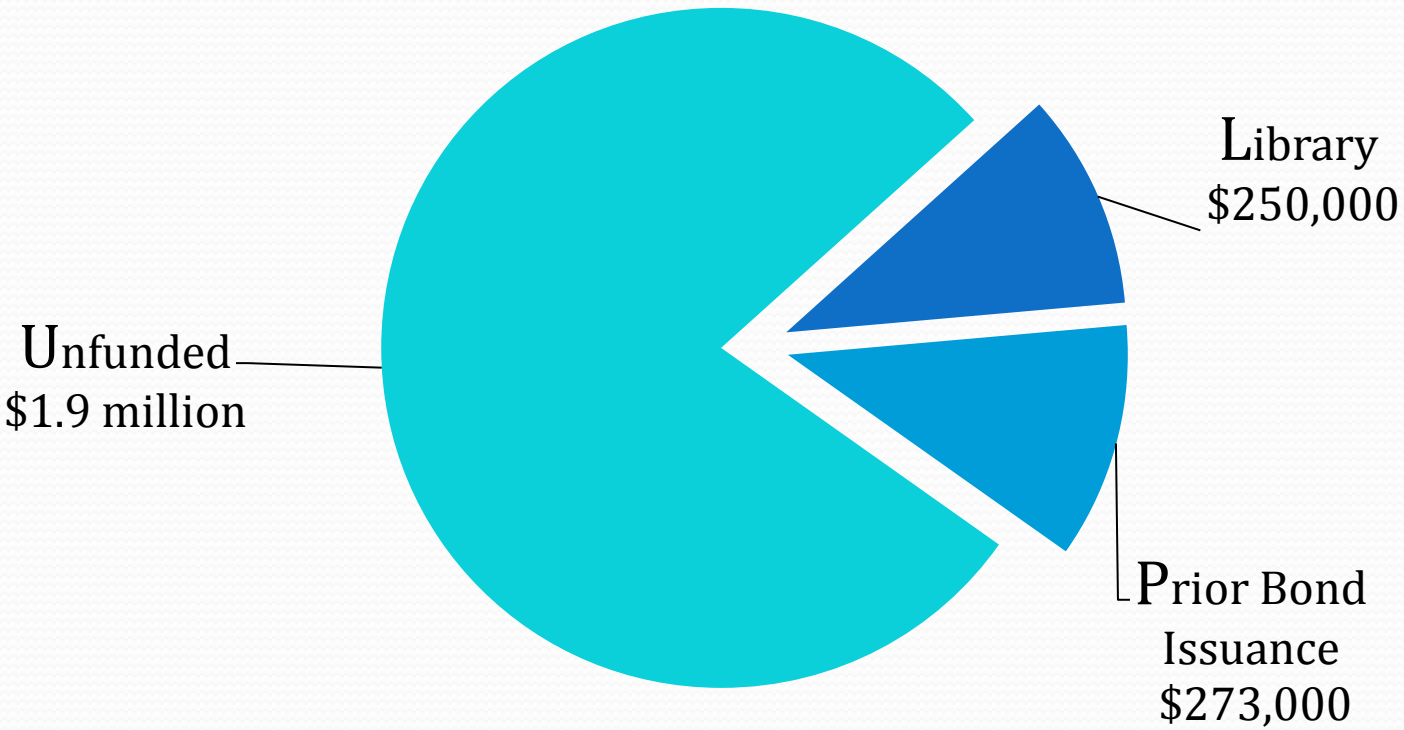
Annual Programs

- Installations for New Customers (EU03)
  - Installation of on-site distribution facilities to serve new developments - $550,000
- Underground Transmission & Distribution Additions (EU06)
  - Installation of off-site distribution facilities to serve new developments - $400,000
- Electric Distribution Transformer Purchases (EU65)
  - Provide electrical service to new developments and continue to maintain reliability of electric service to existing customers - $400,000
- Underground Transmission & Distribution (EU07)
  - Replace or upgrade aged underground electrical transmission or distribution facilities - $1.0 million
- Electric System Relocations (EU12)
  - Supports coordination of inter-governmental projects - $500,000

Naperville Library – FY15 Update

- Improvements at Naper Boulevard facility:
  - Increasing public seating by 37%
  - Increasing number of electrical outlets (adding 62 AC power outlets and 62 USB outlets for the public)
  - Installing more energy efficient lighting on main level
  - Relocating Computer Lab to more centralized location
  - Creating Teen Space
  - Replacing furniture and carpeting on both levels (most original from 1992 opening)
- Creating NaperLaunch business space at Nichols Library
- Projects scheduled for completion in May 2015

Naperville Library FY16:Funding Sources Total Request - $2.4 million



Naperville Library - FY16 Program

New Project

- Replace Boiler/Condenser Unit at Naper Blvd. Library (LB022)
  - Current system is 23 years old, vendor recommends replacement before failure $450,000

Multi-year

- Building Updating (LB021)
  - Nichols Library - $900,000
- Building Furniture Replacement (LB019)
  - Nichols Library - $563,000

Annual Program

- Annual Capital Maintenance (Capital Reserve Fund) (LB014)
  - This program supports both planned and unanticipated projects of routine maintenance - $250,000

Naperville Library - FY16 Program

- Focus is on updating Nichols Library
- Facility and most furnishings are 29 years old (building opened March 11, 1986)
- From FY1987 through the first half of FY15, a grand total of 21,294,259 visitors have come through the doors of the Nichols Library
- In FY1987, there were no public computers and possibly 3 computers for staff use. In FY15, there are 131 public computers and 97 staff computers, an increase of 7500%! Plus library users now bring their own laptops, tablets, and cell phones.

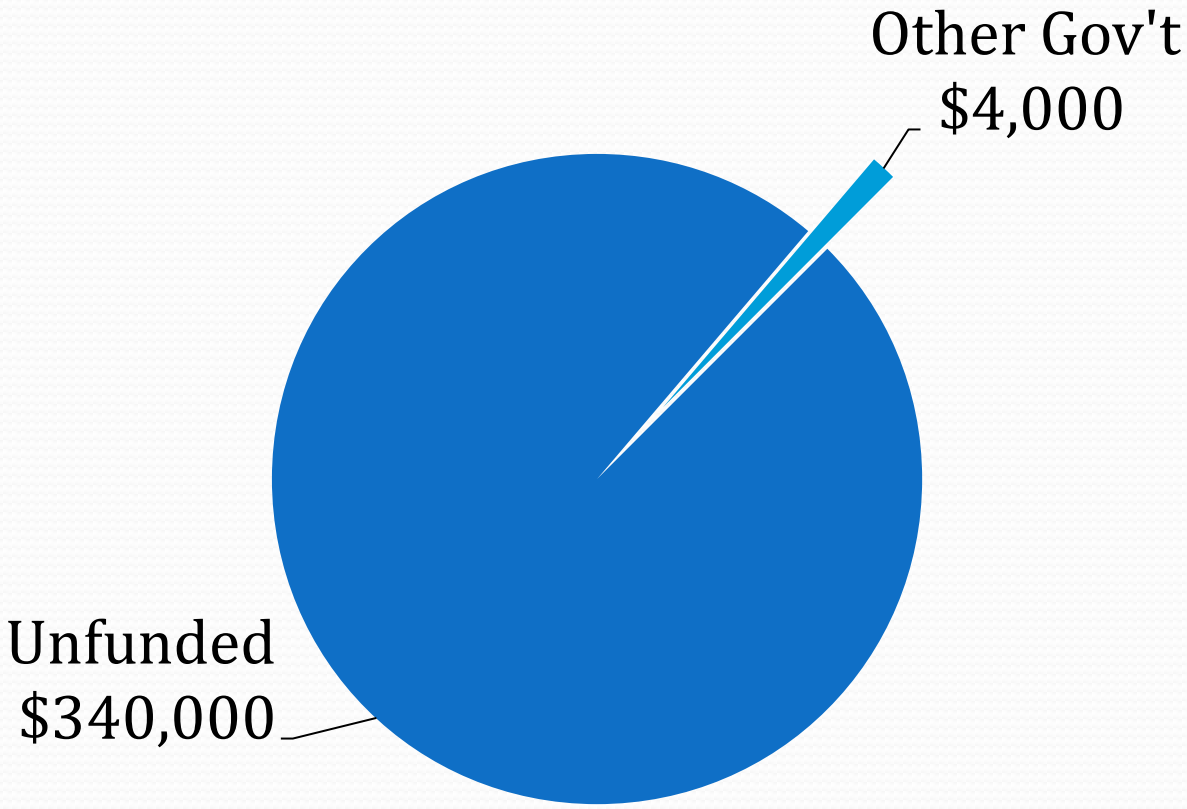
Naperville Library - FY16 Program

- Key components of upgrade:
  - Increase electrical outlets (on floors, in walls, on furniture)
  - Increase efficiency of light fixtures on both levels and the main stairway
  - Replace Jefferson St. portico skylight
  - Replace Jefferson St. entrance doors (increase energy efficiency)
  - Replace public study tables and chairs, study carrels, and lounge seating on both levels and in study rooms
  - Reduce size of service desks

Naper Settlement – FY15 Update

- ADA renovations
  - ADA ramps and lifts were installed to the Meeting House and Martin Mitchell Mansion to comply with ADA accommodations
    - Meeting House was fully funded by a CDBG Grant
    - Martin Mitchell Mansion was partially funded by a CDBG Grant
- Completion of the Rita (Fredenhagen) and John Harvard Early Learning Playscape
  - Offers outdoor, environmental education experience for the youngest visitor, ages 2 through 7 in a themed play environment
  - Funding received from private donors, SECA, Naperville Park District
- Site-wide Interpretive Signage
  - New template design with fabrication and installation to all signage at the museum
  - Half of the funding was received through an Illinois Department of Commerce and Economic Opportunity Grant
- Site-wide Electrical Replacement
  - Maximizes usage requirements and accommodates future needs of the 30-40 year old system
  - Received full funding through an Illinois Department of Natural Resources Public Museums Capital Grant

Naper Settlement FY16 : Funding Sources
Total Request - $344,000



Naper Settlement – FY16 Program

New Projects

- Collections Storage Equipment (NS054)
  - To ensure long-term preservation of the community's materials and accommodate dramatic growth of the museums artifacts - $197,000

Multi-year

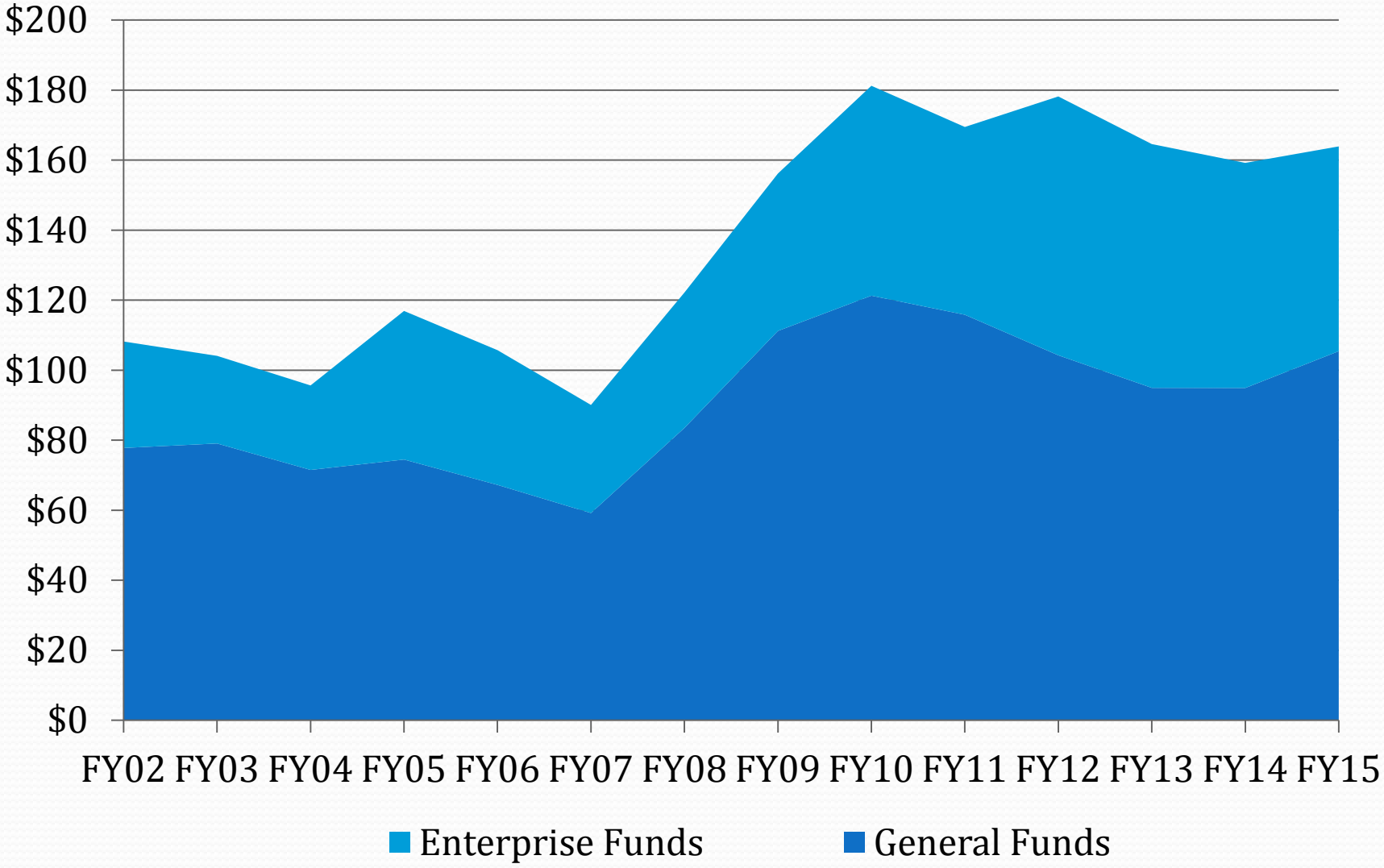
- Upgrade of PEH Exhibit (NS050)
  - Replacing 16 year-old lighting and graphic panels and installing new energy-efficient electrical grid to reduce usage of electricity - $147,000
  - Received a $4,388 grant from IMEA

Debt Position

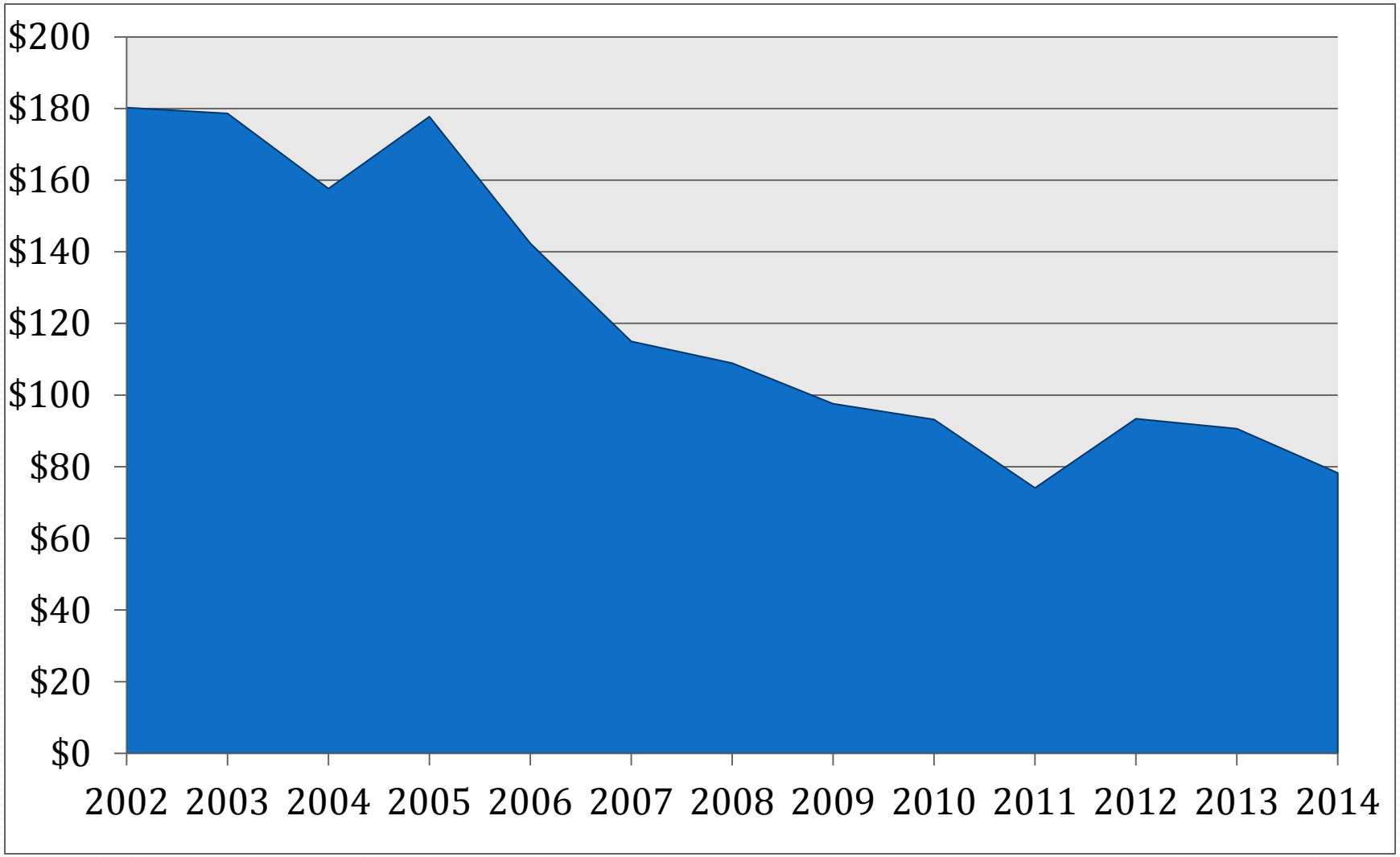
Debt Position : Current Policy

- Repay at least 20% of principal and interest within first 5 years
- Repay 50% of P&I within 10 years
- Goals of policy (updated Sept 2013)
  - Maintain AAA credit rating
  - Effectively utilize debt capacity in relation to growth and tax base
  - Consider alternative financing options, including grants, revolving loans, and other state/federal aid
  - Align the payback period with the life of asset
  - Minimize debt interest costs

Historic Debt Levels



Historical Cash & Investment Balance



Future Debt Levels

- Annual debt service anticipated to be consistent with current levels
- Parking Facility improvements are anticipated to increases the annual debt service by $2-3 million
- Consideration should be given to issuing 30 year debt; matching asset life with payback period
- Overall, debt levels are consistent with other AAA rated communities

Next Steps

- Adopt CIP Resolution
- Operating Funds Workshop – February 23rd
- Other Funds Workshop – March 23rd
- Public Hearing – April 2015
- Budget Adoption – April 2015

Introduction

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NAPERVILLE

January 30, 2015

The Honorable Mayor and City Council:

We are pleased to submit the proposed Five-Year Capital Improvements Program (CIP) for the fiscal years 2016-2020. The CIP represents the City of Naperville's commitment to plan and maintain assets linked to the City's mission and represents the long term investment in the city's infrastructure. The CIP is an integral part of our effort to "preserve and enhance the quality of life" in Naperville.

This document summarizes all major capital outlay anticipated over the next five years, with a listing of potential outlay for the next fifteen years. It is comprised of a description of proposed projects, the financial requirements of the projects, and the proposed funding sources. A project is included in the CIP if it meets the following criteria:

- Has a minimum value of $25,000;
- Has a multiple-year useful life; and
- Results in a fixed asset

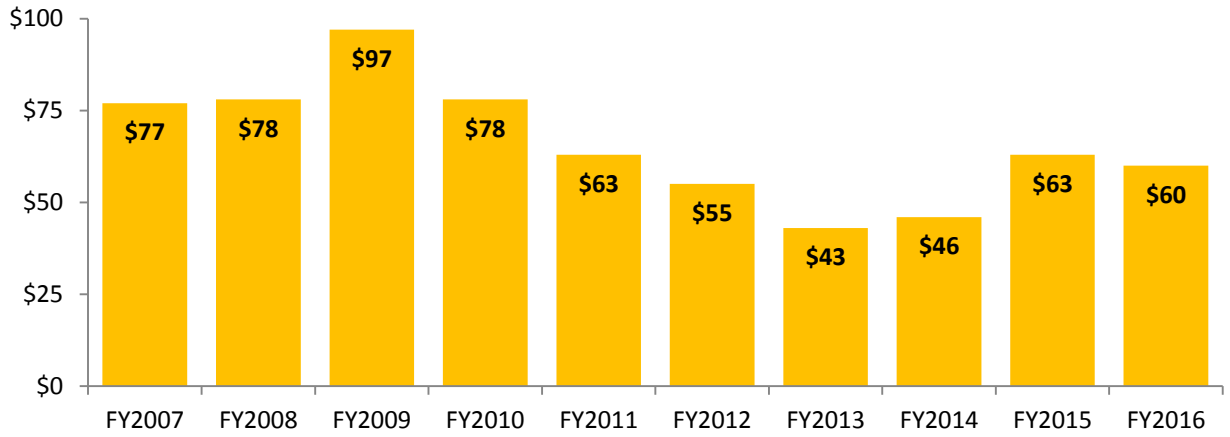
Such projects may include land acquisition, the construction of new buildings, additions to or renovations of existing buildings, construction or reconstruction of streets, infrastructure for utilities, major equipment purchases, and technology upgrades, both software and hardware. While some projects are funded through current revenues, the size and magnitude of these projects have historically required the use of bond funds to supplement current revenue streams.

During the preparation and review of the proposed CIP, staff sets priorities and identifies which projects can be accomplished in a given year, within the limits of the City's control. Incorporating resource allocation, prioritization, evaluation of external factors, and cost evaluation to arrive at the final proposed capital program. As would be expected, the data available, and therefore the expenditure estimates, for the earlier years are more precise than the later years.

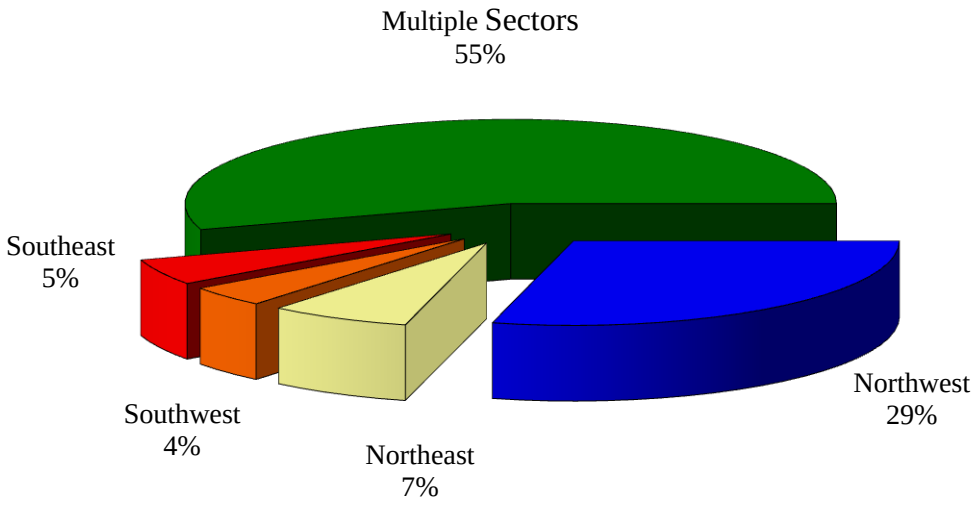
Numerous sources are leveraged to develop the expenditure estimates included in this document: engineering plans, traffic studies, comparative cost analyses, and development plans identified through the Plan Commission, to name a few. Staff assesses the level of intergovernmental cooperation needed and the timing of requirements associated with each project. Estimated project timetables are included as benchmarks for performance.

FY16 PROGRAM HIGHLIGHTS

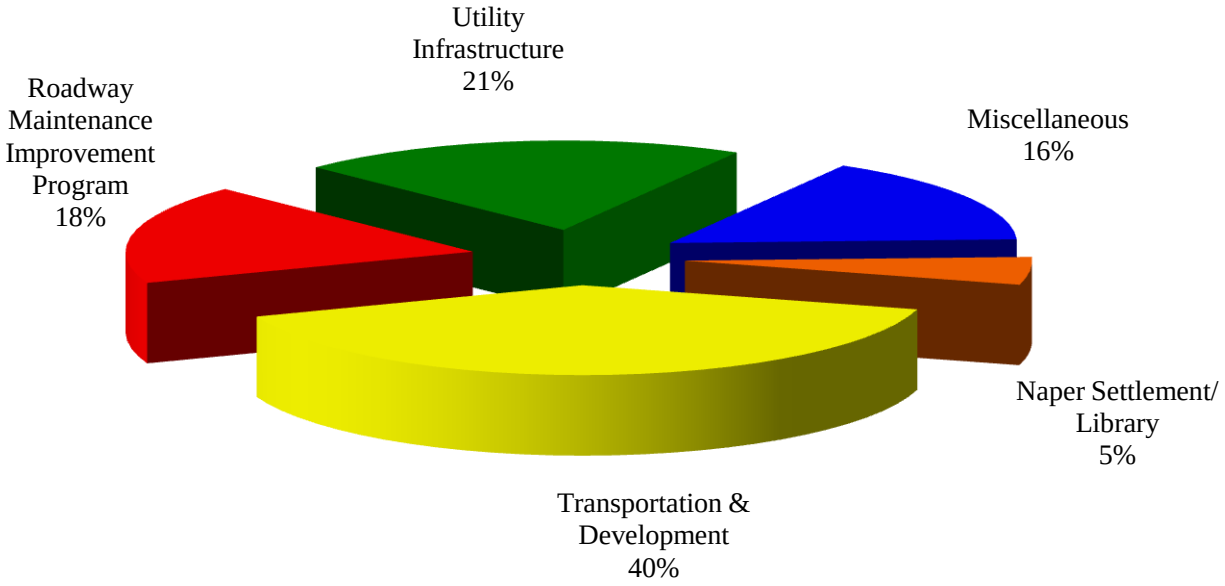
The FY16 Capital Improvement Program is proposed at a value of $60 million, which is 5% less than the FY15 program. The program has declined from its peak in FY09, hitting a low of $43 million in FY13. The following graph shows the value of the program over each of the last ten years.



The program dollars are distributed across all sectors of the City. While some projects are limited in geographic area, a large portion of the projects span multiple sectors. The following shows a breakdown of the program by City sector.



Additionally, the CIP allocates funding for improvements to all asset types within our community. As you can see from the following chart, the largest investment this year will be made in assets related to transportation and development.



TRANSPORTATION & DEVELOPMENT

Construction, Engineering and Preservation of assets continue to be the focus for this department.

New and non-recurring projects include:

- Bridges
  - North Aurora Road Underpass at the CN Railroad Land Acquisition/Engineering - $2.4 million
  - Downtown Washington Street Bridge Rehabilitation - $340,000
- Street Construction
  - Naperville-Wheaton Road: Plank to Burlington - $860,000
  - Intersection improvements at 95th Street over the DuPage River - $950,000
  - 95th Street: EJ&E Railroad to Rt. 59- $680,000
- Traffic Improvements
  - Centralized Traffic Management System - $1.8 million
  - 91st Street; 250th to Schoger - $1.5 million
  - 103rd Street and 248th Avenue Traffic Signal - $325,000
  - Installation a traffic signal at Aurora Avenue and Webster Street - $300,000
  - Jefferson and Target/Westridge traffic signal - $250,000
- Development
  - Water Street District Development; including park deck - $12.5 million (this project is partially funded by food and beverages taxes, TIF revenues, and parking and development fees)

RIVERWALK
Continuing rehabilitation of the Riverwalk is the focus for the Commission in FY16.

There are three non-recurring projects for FY16:

- NCC Park – 430 South Washington Street - $1.5 million
- South Extension/Dunkin Donuts Retaining Wall - $100,000
- Moser Tower Structural Assessment - $50,000

FIRE
FY16 project completes the effort to replace the emergency medical equipment used by the department.

There is one non-recurring project for FY16:

- Emergency Medical Equipment - $565,470

POLICE
The Police department will be working towards the implementation of its strategic technology plans and building renovations.

New and non-recurring projects include

- Defensive Tactics and Fitness Facility - $350,000
- Parking Ticket System - $150,000
- PD Front Lobby Security Renovations - $110,000

INFORMATION TECHNOLOGY
FY16 projects continue to align with both the City's eGovernement Strategic Plan Initiative and the Strategic Technology Plan.

New and non-recurring projects include

- Enterprise Resource Planning (ERP) Software Migration - $500,000
- City Website Redesign - $350,000
- Network Security Infrastructure - $350,000
- Network Switch Replacement - $260,000
- Downtown Wireless Network Infrastructure Replacement - $185,000

PUBLIC WORKS
FY16 projects focus on maintaining facilities and the second year of converting the citywide street lighting system to LED.

New and non-recurring projects include:

- Citywide LED Street Lighting Conversion - $1.2 million
- Electric Service Center Roof Replacement - $471,000
- Municipal Center Front Plaza & Parking Deck Repairs & Upgrades $270,000
- Security Camera - $200,000
- Emergency Vehicle Exhaust System Replacement - $108,400
- Municipal Center Elevator Upgrade - $68,000

PUBLIC UTILITIES – WATER/WASTEWATER

Maintaining the infrastructure of our system will be the focus for the Water/Wastewater capital projects this coming year:

New and non-recurring projects include

- Sanitary Sewer Lift Station Rehabilitation Program - $2.6 million
- Bio-solids Holding Tank - $1.2 million
- Sanitary Sewer Capacity Improvements - $900,000
- Water Metering Replacement - $750,000
- Water Distribution System – Rehabilitation/Replacements - $500,000

PUBLIC UTILITIES - ELECTRIC

The Electric Department is also focusing on infrastructure maintenance in FY16.

New and non-recurring projects include:

- Underground Transmission & Distribution Replacements - $1.0 million
- Power Transformer Replacement - $650,000
- Electrical System Relocations - $500,000

NAPERVILLE PUBLIC LIBRARY

In order to properly plan for future capital expenses, the Library recently reviewed its three facilities to create an inventory of and timeline for possible future maintenance projects. The focus for FY16 is on improvements at the Nichols library facility.

New and non-recurring projects include:

- Building Updating - $900,000
- Building Furniture Replacement - $562,500
- Boiler/Condenser Replacement - $450,000

NAPER SETTLEMENT

Focuses on the primary aspects of the museum's mission to preserve and educate in a safe and quality manner.

There are two non-recurring projects:

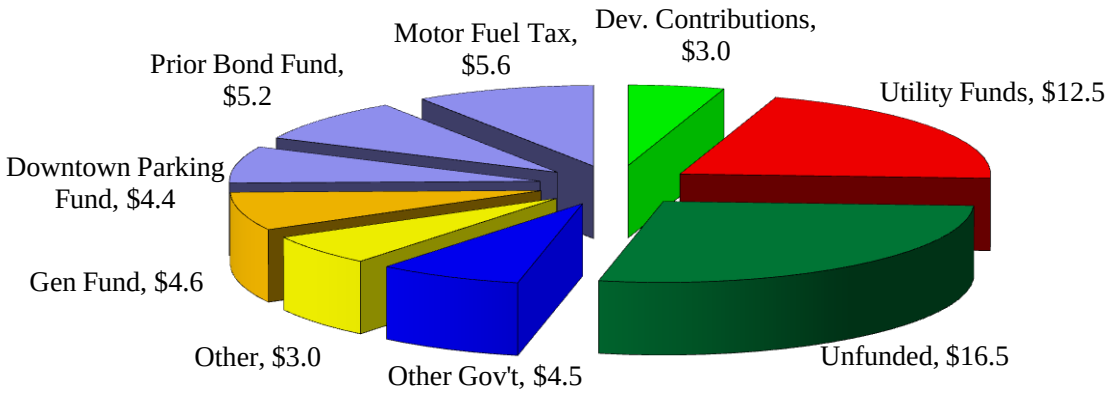
- Collections Storage Equipment - $197,000
- PEH Exhibit Upgrade - $147,290

The five-year CIP totals $344 million and ensures that needed capital projects and infrastructure are in place in a timely manner to accommodate the continued development of the community.

FUNDING SOURCES

The Capital Improvement Program leverages a variety of funding sources. Over the last several years the City has been transitioning from growth mode to maintenance mode. With growth related funding sources declining, staff has evaluated projects to ensure that funding is available for the entire infrastructure to be properly maintained. Large projects are presented on a cash flow basis

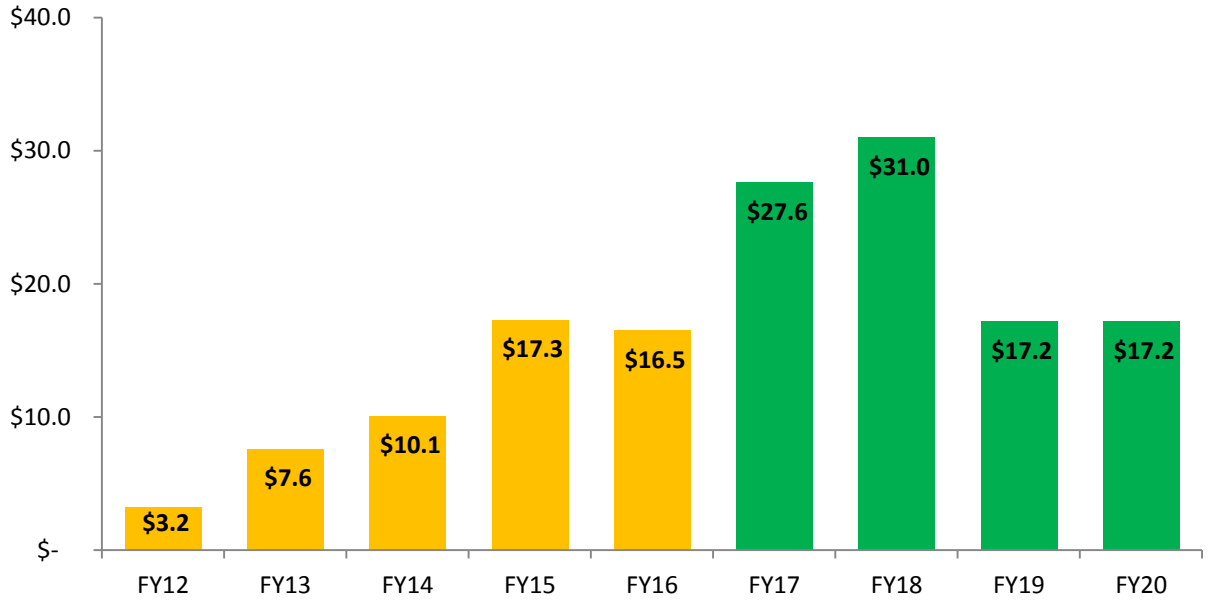
projecting borrowing for the projects at the time of expenditure, when the funds are needed. Many CIP projects involve cooperation and participation with other governments, particularly related to road and bridge construction. While staff works diligently to identify appropriate funding sources for all projects, a significant portion of the annual CIP program is unfunded.



A total of $43.0 million in funding has been identified to support the FY16 program. This represents 72% of the total projected cost, leaving $16.5 million of the capital program unfunded. Both utilities plan to use current revenues to support their portion of the capital program, consistent with levels previously agreed upon with Council.

For discussion purposes, we assume borrowing will be required for the unfunded portion of proposed FY16 program. The following chart gives the last four years of actual, the proposed current year, and the projected future four years of unfunded values for the CIP.

Historical and Proposed General Corporate Unfunded



Each year the City is successful in identifying current revenues to support a significant portion of the overall cost of the capital program; however there are still a number of projects that require more funding than is available through current revenue streams. The largest single project in the FY16 program is the improvements and parking facility related to the Water Street District. A complete list of unfunded projects can be found at the end of this transmittal letter.

While the proposed CIP for FY16 assumes borrowing of $16.5 million; the overall debt position for the city is anticipated to increase by only $2.7 million. This is the result of the repayment of $13.8 million in existing debt principal. The table below shows the debt position of the City for the last four fiscal years and the projections for the next five years for your reference.

As we move through this budget cycle and begin the new fiscal year, staff anticipates a discussion on the long term financial plan for the City as a maintenance community versus a growth community; the impact this new era will have on how we fund capital improvements as a whole. We look forward to beginning this discussion in late June/July in conjunction with the review of transitioning from a fiscal year budget to a calendar year budget cycle.

DEBT POSITION (Principal Only)

					Projections				
	FY12	**FY13**	**FY14**	**FY15**	**FY16**	**FY17**	**FY18**	**FY19**	**FY20**
General Fund									
Current Debt	110.8	99.3	90.1	90.3	96.7	100.5	106.6	106.6	112.8
Debt Issuance/Reallocation	-5.5	-1.0	5.6	11.1	11.1	11.5	10.4	17.2	17.2
Repay existing	-6.0	-8.2	-5.4	-5.0	-7.5	-4.7	-8.1	-10.1	-11.2
Repay new	0.0	0.0	0.0	0.3	0.2	-0.7	-2.4	-0.9	-0.9
Ending Debt	99.3	90.1	90.3	96.7	100.5	106.6	106.6	112.8	117.9
General Fund – Parking Facilities									
Current Parking Debt	5.0	4.9	4.8	4.6	8.7	12.0	26.1	44.6	42.3
Water Street Parking Borrowing	0.0	0.0	0.0	6.2	4.6	1.3	0.0	0.0	0.0
Central Parking Facility Borrowing	0.0	0.0	0.0	0.0	0.8	14.9	20.7	0.0	0.0
Repay existing	-0.1	-0.1	-0.2	-1.8	-1.9	-2.0	-2.2	-2.3	-1.5
Repay new parking related	0.0	0.0	0.0	-0.3	-0.2	-0.1	0.0	0.0	0.0
Ending Parking Debt	4.9	4.8	4.6	8.7	12.0	26.1	44.6	42.3	40.8
Utilities									
Current Debt	53.6	73.9	69.6	64.2	58.4	54.0	50.2	45.7	40.8
Debt Issuance/Reallocation	24.5	-0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Repay existing	-4.2	-3.8	-5.4	-5.8	-4.4	-3.8	-4.5	-4.9	-4.8
Repay new	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ending Debt	73.9	69.6	64.2	58.4	54.0	50.2	45.7	40.8	36.0
Total Municipal Debt	**178.1**	**164.5**	**159.1**	**163.8**	**166.5**	**182.9**	**196.9**	**195.9**	**194.7**

Notes:
(Assumes borrowing for all currently unfunded CIP)
FY13 - Total net Debt declined as a result of the refunding of older bond issuances at lower rates.
Until FY15 Current Parking Debt was related to the Naper Main project.

FORMAT FOR THE PRESENTATION OF MATERIALS

The materials provided are sorted by department. Each department's information is then divided into six sections:

1. Executive Summary – high level overview of the department's proposed capital needs.
2. New Projects – projects that are being presented to Council for the initial approval.
3. Non-Recurring Projects – projects that are a carry-over from a prior year.
4. Recurring Projects – the projects within this group make up the City's capital maintenance programs.
5. Appendix A
6. Appendix B

Appendix A contains a narrative description and maps of projects that are scheduled to have all funds encumbered by the end of fiscal year 2014-15. These projects will be reviewed prior to year-end to ensure that all funds have been encumbered and there are no remaining amounts to be carried over to the next fiscal year.

For years six through twenty, a brief description of the project is shown in Appendix B to demonstrate additional capital needs that have been identified as probable or potential in the next fifteen years. More detailed plans will be prepared as those projects become more clearly defined and the need becomes more immediate. An inflation factor of 3% has been used for all out year spending, consistent with previous years' presentation.

SUMMARY

The 2016-2020 Capital Improvements Program will ensure that infrastructure and capital projects are available to meet demands created by the continued development of the City. Staff will continue to work closely with the Council to provide information that will allow the Council to make the best long-term decisions for the City.

Much credit and appreciation are given to all city staff who contributed to the development of this year's CIP.

Respectively,

Rachel Mayer
Director of Finance

Capital Improvements Program
Unfunded Projects by Department

		FY 15-16
Parking		
Transportation, Engineering & Development		
MB138	Water Street District Improvements	4,610,000
MB163	Downtown Parking Solution - Central Parking Facility	800,000
Parking Total		**5,410,000**
Naperville Public Library		
LB019	Building Furniture Replacement	562,500
LB021	Building Updating	900,000
LB022	Boiler/Condensor Replacement	450,000
Naperville Public Library - Total		**1,912,500**
Naper Settlement		
NS050	PEH Exhibit Upgrade	142,902
NS054	Collections Storage Equipment	197,000
Naper Settlement Total		**339,902**
All Other		
Fire		
EQ040	Emergency Medical Equipment	565,470
Fire Total		**565,470**
Information Technology		
CE120	Downtown Network Infrastructure Replacement	185,000
CE128	Network Security Infrastructure for PCI Compliance	175,000
CE129	IT Service/Support Request System (Help Desk Ticketing)	40,000
CE131	Network Switch Replacement	130,000
CE136	VoIP Phone Replacement Tier II	100,000
CE143	OnBase Enhancements	65,000
CE144	Payment Card Industry (PCI) Compliance	88,300
CE145	SAN Replacement	156,000
EG004	City Website Redesign	225,000
Information Technology Total		**1,164,300**
Police		
CE139	Text to 9-1-1 Services	36,000
CE142	OSSI Server	31,500
EQ043	Upgrades to Training Room, Conference Room, and Roll Call Room	90,000
MB190	Defensive Tactics and Fitness Facility	150,000
MB191	Secure Ammunition Storage Facility	80,000
PD015	PD Front Lobby Security Renovations	110,000
Police Total		**497,500**
Public Works		
LR076	Security Cameras	75,000
MB136	Municipal Center Front Plaza and Parking Deck Repairs and Upgrades	270,000
MB145	Carpeting at Municipal Center	85,000
MB167	Municipal Center Elevator Upgrade	68,000
MB199	Emergency Vehicle Exhaust System Replacement	108,400
MB201	Naperville Fire Department - Replacement of Furnance & A/C Split Systems	26,000
PA040	Emerald Ash Borer Removal and Replacement Program	427,500
SW001	Annual Stormwater Management Projects	130,000
SW017	Storm Sewer Lining Program	1,000,000
SW026	Stormwater System Upgrade and Improvement Program	111,000
Public Works Total		**2,300,900**
Riverwalk		
PA022	Annual Riverwalk Rehabilitation Program	40,000
PA046	Moser Tower Structrual Assessment	50,000
PA047	South Extension/Dunkin Donuts Retaining Wall	38,000
Riverwalk Total		**128,000**
Transportation, Engineering & Development		
BR005	North Aurora Road Underpass at the CN Railroad	550,000
BR017	Bridge for Relocated 95th Street Over the DuPage River	950,000
BR031	Downtown Washington Street Bridge Rehabilitation	68,000
CS006	New Sidewalk Improvements	140,000
CS014	Downtown Streetscape	50,000
MB035	Municipal Parking Lot Maintenance	80,000
MP004	Sidewalk & Curb Replacement Program	388,000
MP018	ADA Sidewalk Improvements	100,000
SC099	Street Safety and Improvement Program	75,000
SC140	Naper Blvd and 75th St	140,000
SC254	Naperville-Wheaton Road: Plank to Burlington	558,000
SC256	91st Street: 250th to Schoger	457,000
TC217	Centralized Traffic Management System	293,000
TC219	103rd Street and 248th Avenue Traffic Signal	325,000
TC221	Traffic Signal Equipment Replacement Program	40,000
Transportation, Engineering & Development Total		**4,214,000**
All Other Total		**8,870,170**
		16,532,572

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CAPITAL IMPROVEMENTS PROGRAM
TOTALS BY FUNDING SOURCE

	Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Estimated Total Cost
(A)	General Fund	4,610,000	4,844,000	5,213,000	5,610,000	5,610,000	25,887,000
(B)	G.O. Bond: Prior Issues	5,170,605	652,907	1,275,202	823,916	0	7,922,630
(C)	Capital Projects Fund	37,000	0	0	0	0	37,000
(CF)	Special Events and Cultural Amenities Fund	0	133,900	509,232	590,073	168,826	1,402,031
(D)	Developer Contribution	2,967,000	1,052,000	1,079,809	1,654,818	1,081,683	7,835,310
(E)	SSA Fund	315,925	512,736	387,662	0	20,300	1,236,623
(F)	Water Utility	8,542,140	11,274,205	10,092,120	9,232,090	8,910,002	48,050,556
(G)	Other Government	4,523,388	3,255,900	3,722,493	16,012,821	26,399,935	53,914,536
(GE)	Other Government - Enterprise	750,000	0	0	0	0	750,000
(H)	Motor Fuel Tax	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	17,500,000
(J)	Electric Utility	4,032,500	11,225,970	11,613,672	11,727,146	10,427,839	49,027,128
(L)	Library Building Reserves	250,000	250,000	250,000	250,000	250,000	1,250,000
(LH)	Local Motor Fuel Tax	2,100,000	2,100,000	2,100,000	2,100,000	2,100,000	10,500,000
(N)	Commuter Parking Fund	516,000	169,500	260,100	69,000	71,800	1,086,400
(O)	Downtown Parking Solution	4,380,000	0	0	0	0	4,380,000
(P)	Private Contributions	97,000	97,000	97,000	97,000	97,000	485,000
(R)	Road & Bridge Fund	545,000	518,450	522,004	525,664	529,434	2,640,551
(TF)	TIF	687,000	0	0	0	0	687,000
(U)	Unfunded Capital	16,532,572	27,700,788	31,058,141	17,196,080	17,234,080	109,721,661
		59,556,130	**67,287,356**	**71,680,435**	**69,388,608**	**76,400,897**	**344,313,426**

Capital Improvements Program
Totals By Department

	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	Estimated Total Cost
Riverwalk Commission - Riverwalk	1,670,000	257,500	248,251	81,955	1,800,814	4,058,519
Police	847,500	56,000	0	0	0	903,500
Public Utilities - Water/ Wastewater	8,259,640	11,250,885	9,934,920	9,085,001	9,035,002	47,565,448
Public Utilities - Electric	3,975,000	12,004,650	12,004,084	12,112,879	11,384,522	51,481,134
Fire	565,470	1,092,727	0	0	0	1,658,197
Public Works	4,603,430	4,773,650	3,777,281	2,727,856	2,180,673	18,062,891
Transportation, Engineering & Development	34,761,000	34,879,550	42,478,874	43,491,827	51,312,509	206,923,761
Naperville Public Library	2,435,500	1,925,000	750,000	250,000	250,000	5,610,500
MSBG - Information Technology	2,094,300	789,894	2,221,800	1,639,091	156,000	6,901,085
Naper Settlement	344,290	257,500	265,225	0	281,377	1,148,392
	59,556,130	**67,287,356**	**71,680,435**	**69,388,608**	**76,400,897**	**344,313,426**

CAPITAL IMPROVEMENTS PROGRAM
TOTALS UNFUNDED BY DEPARTMENT

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Estimated Total Cost
Fire	565,470	1,092,727	0	0	0	1,658,197
Information Technology	1,164,300	219,274	100,000	0	156,000	1,639,574
Naper Settlement	339,902	257,500	265,225	0	281,377	1,144,004
Naperville Public Library	1,912,500	1,675,000	500,000	0	0	4,087,500
Police	497,500	56,000	0	0	0	553,500
Public Works	2,300,900	3,862,617	3,655,278	2,602,193	2,051,240	14,472,228
Riverwalk	128,000	257,500	248,251	81,955	1,800,814	2,516,519
Transportation, Engineering & Development	9,624,000	20,280,170	26,289,387	14,511,933	12,944,648	83,650,139
	16,532,572	**27,700,788**	**31,058,141**	**17,196,080**	**17,234,080**	**109,721,661**

Abbreviations

(As used in the 5 - Year Capital Improvements Program)

♦ Project Type Codes

BR	Bridge
BW	Bikeway
CE	Computer Equipment
CS	Sidewalks
EG	e-Government
EQ	Equipment
EU	Electric Utility
LB	Library
LR	Long Range Communications
MB	Municipal Buildings
MP	Maintenance Program
NS	Naper Settlement
PA	Parks
PD	Police Department
SC	Street Construction
SL	Street Lights
SW	Stormwater Management
TC	Traffic Control
WU	Water Utility
WWU	Wastewater Utility

♦ Funding Source Codes

A	Operating Revenues-General Fund
B	G.O. Bonds: Prior Issues
C	Capital Projects Fund
CF	Special Events &Cultural Amenities Fund
D	Developer Contribution
E	Special Assessment
F	Water Operating Revenue
G	Other Government Contribution
GE	Other Government: Enterprise
H	Motor Fuel Tax
IC	Impact Fee: City
IU	Impact Fee: City Unfunded
IW	Impact Fee: Will County
J	Electric Operating Revenue
L	Library Building Reserve Fund
LH	Local Motor Fuel Tax
N	Burlington Northern Fund
O	Other Operating
OR	Other Road Funding Source
P	Private Contributions
Q	Replacement Fund
R	Road & Bridge Fund
S	Sidewalk Fund
T	Other Government: Pending
TF	TIF
U	Unfunded Capital
V	Unfunded – Electric
W	Unfunded – Water

Capital Improvements Program
City of Naperville

Category Codes

LR Projects of the ***highest priority*** readily affect basic City operations that are typically visible to the public and have one of the following attributes: (**L**egally **R**equired)

Mandated by State or Federal government agency or other jurisdiction, which has authority over the City; or

Fulfills contract or agreement to complete a project that the City has earlier entered into.

A Projects of a ***high priority*** readily affect basic City operations that are typically visible to the public and are considered by staff to be essential for continuing to provide basic services or are necessary to maintain or enhance the health, safety, and welfare of the community.

B Projects of a ***moderate priority*** relate to established, but discretionary norms for general maintenance and service. These include projects that entail an ongoing infrastructure or equipment maintenance program or a scheduled replacement program. The primary purpose the project is undertaken is on a basis of a "break even" return on investment. Will also include projects that substantially improve operating efficiencies or are promised to reduce existing or future increases in operating and maintenance expenses.

C Projects of a ***lower priority*** generally do not fit into the priority classes established above, but have advocates and are recognized as desirable, depending on available funding, by a majority of the City Council.

CITY OF NAPERVILLE. ILLINOIS --- SUMMARY OF PROJECT ESTIMATES --- CAPITAL IMPROVEMENTS PROGRAM
PROJECTS EXPRESSED WITH 3% INFLATION FACTOR

Department: **Fire**

	WF #	Estimated Total Cost	Funding Source		FY15-16	FY16-17	FY17-18	FY18-19	FY19-20
EQ040		Changed - Non Recurring		Emergency Medical Equipment					
		565,470	U		565,470	0	0	0	0
	Project Total	**565,470**			**565,470**	**0**	**0**	**0**	**0**
LR078		Previous Year - No Change		Fire Station Alerting Systems(FSAS)					
		1,092,727	U		0	1,092,727	0	0	0
	Project Total	**1,092,727**			**0**	**1,092,727**	**0**	**0**	**0**
	Department Total	**1,658,197**			**565,470**	**1,092,727**	**0**	**0**	**0**

A) GENERAL FUND B) G.O. BOND: PRIOR ISSUES C) CAPITAL PROJECTS FUND CF) SPECIAL EVENTS AND CULTURAL AMENITIES FUND D) DEVELOPER CONTRIBUTION E) SPECIAL ASSESSMENT F) WATER UTILITY G) OTHER GOVERNMENT GE) OTHER GOVERNMENT: ENTERPRISE H) MOTOR FUEL TAX IC) IMPACT FEES: CITY IU) IMPACT FEES: CITY UNFUNDED IW) IMPACT FEE: WILL COUNTY J) ELECTRIC UTILITY L) LIBRARY BUILDING RESERVES LH) LOCAL MOTOR FUEL TAX N) BURLINGTON NORTHERN RAILROAD O) DOWNTOWN PARKING SOLUTION OR) OTHER ROAD FUNDING SOURCE P) PRIVATE CONTRIBUTIONS Q) REPLACEMENT FUND R) ROAD & BRIDGE FUND S) SIDEWALK FUND T) OTHER GOVERNMENT: PENDING TF) TIF U) UNFUNDED CAPITAL V) UNFUNDED ELECTRIC W) UNFUNDED WATER

CITY OF NAPERVILLE. ILLINOIS --- SUMMARY OF PROJECT ESTIMATES --- CAPITAL IMPROVEMENTS PROGRAM
PROJECTS EXPRESSED WITH 3% INFLATION FACTOR

Department: **Information Technology**

	WF #	Estimated Total Cost	Funding Source		FY15-16	FY16-17	FY17-18	FY18-19	FY19-20
CE112		Changed - Non Recurring		Disaster Recovery Data Center					
		27,810	F		0	27,810	0	0	0
		27,810	J		0	27,810	0	0	0
		55,620	U		0	55,620	0	0	0
	Project Total	**111,240**			**0**	**111,240**	**0**	**0**	**0**
CE120		Changed - Non Recurring		Downtown Network Infrastructure Replacement					
		185,000	U		185,000	0	0	0	0
	Project Total	**185,000**			**185,000**	**0**	**0**	**0**	**0**
CE125		Changed - Non Recurring		Enterprise Resource Planning (ERP) Software Migration					
		2,712,098	B		339,000	273,980	1,275,202	823,916	0
		755,298	F		80,500	120,510	282,199	272,089	0
		1,308,494	J		80,500	120,510	564,399	543,085	0
	Project Total	**4,775,891**			**500,000**	**515,000**	**2,121,800**	**1,639,091**	**0**
CE128		Changed - Non Recurring		Network Security Infrastructure for PCI Compliance					
		87,500	F		87,500	0	0	0	0
		87,500	J		87,500	0	0	0	0
		175,000	U		175,000	0	0	0	0
	Project Total	**350,000**			**350,000**	**0**	**0**	**0**	**0**
CE129		Previous Year - No Change		IT Service/Support Request System (Help Desk Ticketing)					
		103,654	U		40,000	63,654	0	0	0
	Project Total	**103,654**			**40,000**	**63,654**	**0**	**0**	**0**
CE131		Previous Year - No Change		Network Switch Replacement					
		52,000	F		52,000	0	0	0	0
		78,000	J		78,000	0	0	0	0
		130,000	U		130,000	0	0	0	0

A) GENERAL FUND B) G.O. BOND: PRIOR ISSUES C) CAPITAL PROJECTS FUND CF) SPECIAL EVENTS AND CULTURAL AMENITIES FUND D) DEVELOPER CONTRIBUTION E) SPECIAL ASSESSMENT F) WATER UTILITY G) OTHER GOVERNMENT GE) OTHER GOVERNMENT: ENTERPRISE H) MOTOR FUEL TAX IC) IMPACT FEES: CITY IU) IMPACT FEES: CITY UNFUNDED IW) IMPACT FEE: WILL COUNTY J) ELECTRIC UTILITY L) LIBRARY BUILDING RESERVES LH) LOCAL MOTOR FUEL TAX N) BURLINGTON NORTHERN RAILROAD O) DOWNTOWN PARKING SOLUTION OR) OTHER ROAD FUNDING SOURCE P) PRIVATE CONTRIBUTIONS Q) REPLACEMENT FUND R) ROAD & BRIDGE FUND S) SIDEWALK FUND T) OTHER GOVERNMENT: PENDING TF) TIF U) UNFUNDED CAPITAL V) UNFUNDED ELECTRIC W) UNFUNDED WATER

CITY OF NAPERVILLE. ILLINOIS --- SUMMARY OF PROJECT ESTIMATES --- CAPITAL IMPROVEMENTS PROGRAM
PROJECTS EXPRESSED WITH 3% INFLATION FACTOR

Department: **Information Technology**

	WF #	Estimated Total Cost	Funding Source		FY15-16	FY16-17	FY17-18	FY18-19	FY19-20
	Project Total	**260,000**			**260,000**	**0**	**0**	**0**	**0**
CE136		Previous Year - No Change		VoIP Phone Replacement Tier II					
		300,000	U		100,000	100,000	100,000	0	0
	Project Total	**300,000**			**100,000**	**100,000**	**100,000**	**0**	**0**
CE143		New		OnBase Enhancements					
		65,000	U		65,000	0	0	0	0
	Project Total	**65,000**			**65,000**	**0**	**0**	**0**	**0**
CE144		New		Payment Card Industry (PCI) Compliance					
		88,300	U		88,300	0	0	0	0
	Project Total	**88,300**			**88,300**	**0**	**0**	**0**	**0**
CE145		New		SAN Replacement					
		312,000	U		156,000	0	0	0	156,000
	Project Total	**312,000**			**156,000**	**0**	**0**	**0**	**156,000**
EG004		Changed - Non Recurring		City Website Redesign					
		62,500	F		62,500	0	0	0	0
		62,500	J		62,500	0	0	0	0
		225,000	U		225,000	0	0	0	0
	Project Total	**350,000**			**350,000**	**0**	**0**	**0**	**0**
	Department Total	**6,901,085**			**2,094,300**	**789,894**	**2,221,800**	**1,639,091**	**156,000**

A) GENERAL FUND B) G.O. BOND: PRIOR ISSUES C) CAPITAL PROJECTS FUND CF) SPECIAL EVENTS AND CULTURAL AMENITIES FUND D) DEVELOPER CONTRIBUTION E) SPECIAL ASSESSMENT F) WATER UTILITY G) OTHER GOVERNMENT GE) OTHER GOVERNMENT: ENTERPRISE H) MOTOR FUEL TAX IC) IMPACT FEES: CITY IU) IMPACT FEES: CITY UNFUNDED IW) IMPACT FEE: WILL COUNTY J) ELECTRIC UTILITY L) LIBRARY BUILDING RESERVES LH) LOCAL MOTOR FUEL TAX N) BURLINGTON NORTHERN RAILROAD O) DOWNTOWN PARKING SOLUTION OR) OTHER ROAD FUNDING SOURCE P) PRIVATE CONTRIBUTIONS Q) REPLACEMENT FUND R) ROAD & BRIDGE FUND S) SIDEWALK FUND T) OTHER GOVERNMENT: PENDING TF) TIF U) UNFUNDED CAPITAL V) UNFUNDED ELECTRIC W) UNFUNDED WATER

CITY OF NAPERVILLE. ILLINOIS --- SUMMARY OF PROJECT ESTIMATES --- CAPITAL IMPROVEMENTS PROGRAM
PROJECTS EXPRESSED WITH 3% INFLATION FACTOR

Department: **Naper Settlement**

	WF #	Estimated Total Cost	Funding Source		FY15-16	FY16-17	FY17-18	FY18-19	FY19-20
NS050	None	Changed - Recurring		PEH Exhibit Upgrade					
		4,388	G		4,388	0	0	0	0
		142,902	U		142,902	0	0	0	0
	Project Total	**147,290**			**147,290**	**0**	**0**	**0**	**0**
NS051	None	Previous Year - No Change		Pre-Emption House Exhibition Gallery changes					
		281,377	U		0	0	0	0	281,377
	Project Total	**281,377**			**0**	**0**	**0**	**0**	**281,377**
NS054	(none)	New		Collections Storage Equipment					
		197,000	U		197,000	0	0	0	0
	Project Total	**197,000**			**197,000**	**0**	**0**	**0**	**0**
NS055		New		Welcome Center/Entryway Improvements					
		522,725	U		0	257,500	265,225	0	0
	Project Total	**522,725**			**0**	**257,500**	**265,225**	**0**	**0**
	Department Total	**1,148,392**			**344,290**	**257,500**	**265,225**	**0**	**281,377**

A) GENERAL FUND B) G.O. BOND: PRIOR ISSUES C) CAPITAL PROJECTS FUND CF) SPECIAL EVENTS AND CULTURAL AMENITIES FUND D) DEVELOPER CONTRIBUTION E) SPECIAL ASSESSMENT F) WATER UTILITY G) OTHER GOVERNMENT GE) OTHER GOVERNMENT: ENTERPRISE H) MOTOR FUEL TAX IC) IMPACT FEES: CITY IU) IMPACT FEES: CITY UNFUNDED IW) IMPACT FEE: WILL COUNTY J) ELECTRIC UTILITY L) LIBRARY BUILDING RESERVES LH) LOCAL MOTOR FUEL TAX N) BURLINGTON NORTHERN RAILROAD O) DOWNTOWN PARKING SOLUTION OR) OTHER ROAD FUNDING SOURCE P) PRIVATE CONTRIBUTIONS Q) REPLACEMENT FUND R) ROAD & BRIDGE FUND S) SIDEWALK FUND T) OTHER GOVERNMENT: PENDING TF) TIF U) UNFUNDED CAPITAL V) UNFUNDED ELECTRIC W) UNFUNDED WATER

CITY OF NAPERVILLE. ILLINOIS --- SUMMARY OF PROJECT ESTIMATES --- CAPITAL IMPROVEMENTS PROGRAM
PROJECTS EXPRESSED WITH 3% INFLATION FACTOR

Department: **Naperville Public Library**

	WF #	Estimated Total Cost	Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20
LB014	None	Annual		Maintenance & Emergencies				
		1,250,000	L	250,000	250,000	250,000	250,000	250,000
	Project Total	**1,250,000**		**250,000**	**250,000**	**250,000**	**250,000**	**250,000**
LB018		Changed - Non Recurring		Building Carpet Replacement				
		273,000	B	273,000	0	0	0	0
		425,000	U	0	425,000	0	0	0
	Project Total	**698,000**		**273,000**	**425,000**	**0**	**0**	**0**
LB019		Changed - Non Recurring		Building Furniture Replacement				
		1,062,500	U	562,500	500,000	0	0	0
	Project Total	**1,062,500**		**562,500**	**500,000**	**0**	**0**	**0**
LB020		Changed - Non Recurring		Parking Lot Repairs				
		500,000	U	0	0	500,000	0	0
	Project Total	**500,000**		**0**	**0**	**500,000**	**0**	**0**
LB021		Changed - Non Recurring		Building Updating				
		1,650,000	U	900,000	750,000	0	0	0
	Project Total	**1,650,000**		**900,000**	**750,000**	**0**	**0**	**0**
LB022		New		Boiler/Condensor Replacement				
		450,000	U	450,000	0	0	0	0
	Project Total	**450,000**		**450,000**	**0**	**0**	**0**	**0**
	Department Total	**5,610,500**		**2,435,500**	**1,925,000**	**750,000**	**250,000**	**250,000**

A) GENERAL FUND B) G.O. BOND: PRIOR ISSUES C) CAPITAL PROJECTS FUND CF) SPECIAL EVENTS AND CULTURAL AMENITIES FUND D) DEVELOPER CONTRIBUTION E) SPECIAL ASSESSMENT F) WATER UTILITY G) OTHER GOVERNMENT GE) OTHER GOVERNMENT: ENTERPRISE H) MOTOR FUEL TAX IC) IMPACT FEES: CITY IU) IMPACT FEES: CITY UNFUNDED IW) IMPACT FEE: WILL COUNTY J) ELECTRIC UTILITY L) LIBRARY BUILDING RESERVES LH) LOCAL MOTOR FUEL TAX N) BURLINGTON NORTHERN RAILROAD O) DOWNTOWN PARKING SOLUTION OR) OTHER ROAD FUNDING SOURCE P) PRIVATE CONTRIBUTIONS Q) REPLACEMENT FUND R) ROAD & BRIDGE FUND S) SIDEWALK FUND T) OTHER GOVERNMENT: PENDING TF) TIF U) UNFUNDED CAPITAL V) UNFUNDED ELECTRIC W) UNFUNDED WATER

CITY OF NAPERVILLE. ILLINOIS --- SUMMARY OF PROJECT ESTIMATES --- CAPITAL IMPROVEMENTS PROGRAM
PROJECTS EXPRESSED WITH 3% INFLATION FACTOR

Department: **Police**

	WF #	Estimated Total Cost	Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20
CE139		New		Text to 9-1-1 Services				
		36,000	U	36,000	0	0	0	0
	Project Total	**36,000**		**36,000**	**0**	**0**	**0**	**0**
CE141		New		Parking System				
		150,000	N	150,000	0	0	0	0
	Project Total	**150,000**		**150,000**	**0**	**0**	**0**	**0**
CE142		New		OSSI Server				
		31,500	U	31,500	0	0	0	0
	Project Total	**31,500**		**31,500**	**0**	**0**	**0**	**0**
EQ043		New		Upgrades to Training Room, Conference Room, and Roll Call Room				
		146,000	U	90,000	56,000	0	0	0
	Project Total	**146,000**		**90,000**	**56,000**	**0**	**0**	**0**
MB190		Changed - Non Recurring		Defensive Tactics and Fitness Facility				
		200,000	B	200,000	0	0	0	0
		150,000	U	150,000	0	0	0	0
	Project Total	**350,000**		**350,000**	**0**	**0**	**0**	**0**
MB191		New		Secure Ammunition Storage Facility				
		80,000	U	80,000	0	0	0	0
	Project Total	**80,000**		**80,000**	**0**	**0**	**0**	**0**
PD015		New		PD Front Lobby Security Renovations				
		110,000	U	110,000	0	0	0	0
	Project Total	**110,000**		**110,000**	**0**	**0**	**0**	**0**
	Department Total	**903,500**		**847,500**	**56,000**	**0**	**0**	**0**

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CITY OF NAPERVILLE. ILLINOIS --- SUMMARY OF PROJECT ESTIMATES --- CAPITAL IMPROVEMENTS PROGRAM
PROJECTS EXPRESSED WITH 3% INFLATION FACTOR

Department: **Public Utilities - Electric**

	WF #	Estimated Total Cost	Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20
EU01	Various	Annual		Residential Electric Services - New & Existing				
		1,331,829	D	150,000	309,000	318,270	273,182	281,377
	Project Total	**1,331,829**		**150,000**	**309,000**	**318,270**	**273,182**	**281,377**
EU02	Various	Annual		Electric Meter Installations				
		505,914	D	75,000	103,000	106,090	109,273	112,551
	Project Total	**505,914**		**75,000**	**103,000**	**106,090**	**109,273**	**112,551**
EU03	Various	Annual		Facilities Installations/New Customers				
		2,704,568	D	550,000	515,000	530,450	546,364	562,754
	Project Total	**2,704,568**		**550,000**	**515,000**	**530,450**	**546,364**	**562,754**
EU05	Various	Annual		Overhead Transmission & Distribution Replacements				
		1,392,741	J	100,000	309,000	318,270	327,818	337,653
	Project Total	**1,392,741**		**100,000**	**309,000**	**318,270**	**327,818**	**337,653**
EU06	Various	Annual		Underground Transmission & Distribution - Additions				
		1,261,827	J	400,000	206,000	212,180	218,545	225,102
	Project Total	**1,261,827**		**400,000**	**206,000**	**212,180**	**218,545**	**225,102**
EU07	Various	Changed - Recurring		Underground Transmission & Distribution - Replacements				
		6,856,004	J	1,000,000	937,300	1,591,350	1,639,091	1,688,263
	Project Total	**6,856,004**		**1,000,000**	**937,300**	**1,591,350**	**1,639,091**	**1,688,263**
EU12	Various	Annual		Electrical System Relocations				
		6,495,480	J	500,000	772,500	1,538,305	983,454	2,701,221
	Project Total	**6,495,480**		**500,000**	**772,500**	**1,538,305**	**983,454**	**2,701,221**
EU13	Various	Changed - Recurring		Underground Conduit (Duct Banks) Additions				
		4,811,308	J	0	1,802,500	1,803,530	1,092,727	112,551
	Project Total	**4,811,308**		**0**	**1,802,500**	**1,803,530**	**1,092,727**	**112,551**

A) GENERAL FUND B) G.O. BOND: PRIOR ISSUES C) CAPITAL PROJECTS FUND CF) SPECIAL EVENTS AND CULTURAL AMENITIES FUND D) DEVELOPER CONTRIBUTION E) SPECIAL ASSESSMENT F) WATER UTILITY G) OTHER GOVERNMENT GE) OTHER GOVERNMENT: ENTERPRISE H) MOTOR FUEL TAX IC) IMPACT FEES: CITY IU) IMPACT FEES: CITY UNFUNDED IW) IMPACT FEE: WILL COUNTY J) ELECTRIC UTILITY L) LIBRARY BUILDING RESERVES LH) LOCAL MOTOR FUEL TAX N) BURLINGTON NORTHERN RAILROAD O) DOWNTOWN PARKING SOLUTION OR) OTHER ROAD FUNDING SOURCE P) PRIVATE CONTRIBUTIONS Q) REPLACEMENT FUND R) ROAD & BRIDGE FUND S) SIDEWALK FUND T) OTHER GOVERNMENT: PENDING TF) TIF U) UNFUNDED CAPITAL V) UNFUNDED ELECTRIC W) UNFUNDED WATER

CITY OF NAPERVILLE. ILLINOIS --- SUMMARY OF PROJECT ESTIMATES --- CAPITAL IMPROVEMENTS PROGRAM
PROJECTS EXPRESSED WITH 3% INFLATION FACTOR

Department: **Public Utilities - Electric**

	WF #	Estimated Total Cost	Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20
EU14	Various	Annual		Underground Cable (Feeders) & Equipment Additions				
		2,675,221	J	100,000	463,500	636,540	1,475,181	0
	Project Total	**2,675,221**		**100,000**	**463,500**	**636,540**	**1,475,181**	**0**
EU22	Various	Annual		Substation Emergency Repair/Replacement Items				
		675,770	J	50,000	133,900	159,135	163,909	168,826
	Project Total	**675,770**		**50,000**	**133,900**	**159,135**	**163,909**	**168,826**
EU29	Various	Changed - Recurring		Underground Sub-transmission Circuit Additions & Upgrades				
		4,157,533	J	0	1,030,000	1,379,170	1,748,363	0
	Project Total	**4,157,533**		**0**	**1,030,000**	**1,379,170**	**1,748,363**	**0**
EU44	Various	Annual		Fiber Optic Cable for 138kV Relay Protection and Communication				
		2,686,562	J	0	478,950	397,838	639,245	1,170,529
	Project Total	**2,686,562**		**0**	**478,950**	**397,838**	**639,245**	**1,170,529**
EU47	Various	Annual		138kV Relay Improvements				
		1,090,862	J	0	128,750	265,225	218,545	478,341
	Project Total	**1,090,862**		**0**	**128,750**	**265,225**	**218,545**	**478,341**
EU49	Various	Changed - Recurring		Distribution Automation/Automatic Sectionalizing				
		667,635	J	0	180,250	153,831	136,591	196,964
	Project Total	**667,635**		**0**	**180,250**	**153,831**	**136,591**	**196,964**
EU52	Various	Changed - Recurring		Cable Replacement Program for Underground Residential Development				
		4,381,169	J	0	2,188,750	1,060,900	737,591	393,928
	Project Total	**4,381,169**		**0**	**2,188,750**	**1,060,900**	**737,591**	**393,928**
EU57	Various	Changed - Recurring		Substation Automation				
		1,183,468	J	0	309,000	318,270	218,545	337,653
	Project Total	**1,183,468**		**0**	**309,000**	**318,270**	**218,545**	**337,653**

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CITY OF NAPERVILLE. ILLINOIS --- SUMMARY OF PROJECT ESTIMATES --- CAPITAL IMPROVEMENTS PROGRAM
PROJECTS EXPRESSED WITH 3% INFLATION FACTOR

Department: **Public Utilities - Electric**

	WF #	Estimated Total Cost	Funding Source		FY15-16	FY16-17	FY17-18	FY18-19	FY19-20
EU64	56360	Changed - Non Recurring		Substation Oil Spill Protection					
		163,957	J		0	0	53,045	54,636	56,275
	Project Total	**163,957**			**0**	**0**	**53,045**	**54,636**	**56,275**
EU65	Various	Annual		Electric Distribution Transformer Purchases					
		2,554,568	J		400,000	515,000	530,450	546,364	562,754
	Project Total	**2,554,568**			**400,000**	**515,000**	**530,450**	**546,364**	**562,754**
EU66	Various	Changed - Recurring		Fiber Optic Cable for Metro Area Network (MAN)					
		430,914	J		0	103,000	106,090	109,273	112,551
	Project Total	**430,914**			**0**	**103,000**	**106,090**	**109,273**	**112,551**
EU69	60373, 60374	Changed - Non Recurring		Bulk Electric Power Supply Metering Installation					
		591,734	J		0	154,500	159,135	109,273	168,826
	Project Total	**591,734**			**0**	**154,500**	**159,135**	**109,273**	**168,826**
EU78		Changed - Recurring		Supervisory Control And Data Acquisition					
		794,722	J		0	334,750	47,741	327,818	84,413
	Project Total	**794,722**			**0**	**334,750**	**47,741**	**327,818**	**84,413**
EU79		Changed - Recurring		Power Transformer Replacement					
		2,496,509	J		650,000	721,000	0	0	1,125,509
	Project Total	**2,496,509**			**650,000**	**721,000**	**0**	**0**	**1,125,509**
EU80	Various	Changed - Recurring		Utility Infrastructure Hardware Replacement					
		390,650	J		0	0	0	109,273	281,377
	Project Total	**390,650**			**0**	**0**	**0**	**109,273**	**281,377**
EU83	Various	New		Substation Flood Prevention					
		1,180,190	J		0	309,000	318,270	327,818	225,102
	Project Total	**1,180,190**			**0**	**309,000**	**318,270**	**327,818**	**225,102**

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CITY OF NAPERVILLE. ILLINOIS --- SUMMARY OF PROJECT ESTIMATES --- CAPITAL IMPROVEMENTS PROGRAM
PROJECTS EXPRESSED WITH 3% INFLATION FACTOR

Department: **Public Utilities - Electric**

WF #	Estimated Total Cost	Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20
Department Total	**51,481,134**		**3,975,000**	**12,004,650**	**12,004,084**	**12,112,879**	**11,384,522**

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CITY OF NAPERVILLE. ILLINOIS --- SUMMARY OF PROJECT ESTIMATES --- CAPITAL IMPROVEMENTS PROGRAM
PROJECTS EXPRESSED WITH 3% INFLATION FACTOR

Department: **Public Utilities - Water/ Wastewater**

	WF #	Estimated Total Cost	Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20
WU04	TBD	Annual		Water Distrib. System - Rehabilitation/Replacements				
		3,070,000	F	500,000	1,175,000	175,000	1,220,000	0
	Project Total	**3,070,000**		**500,000**	**1,175,000**	**175,000**	**1,220,000**	**0**
WU05	Multiple - TBD	Recurring		Water Utility Infrastructure Relocation - Misc. Locations				
		500,000	F	125,000	125,000	124,999	125,000	0
	Project Total	**500,000**		**125,000**	**125,000**	**124,999**	**125,000**	**0**
WU07	TBD	Previous Year - No Change		Mill Street PAS 15E - Booster Station Addition				
		1,125,000	F	0	125,000	1,000,000	0	0
	Project Total	**1,125,000**		**0**	**125,000**	**1,000,000**	**0**	**0**
WU08	TBD	Annual		Water Main Oversizing Payments - New Developments				
		200,001	F	100,000	25,000	25,000	25,001	25,000
	Project Total	**200,001**		**100,000**	**25,000**	**25,000**	**25,001**	**25,000**
WU10	Various - TBD	Annual		Water Distribution System - Additions/Extensions				
		3,615,000	F	250,000	250,000	750,000	1,265,000	1,100,000
	Project Total	**3,615,000**		**250,000**	**250,000**	**750,000**	**1,265,000**	**1,100,000**
WU19	TBD	Annual		Water Metering Additions - New				
		625,000	D	125,000	125,000	124,999	125,000	125,000
	Project Total	**625,000**		**125,000**	**125,000**	**124,999**	**125,000**	**125,000**
WU20	TBD	Annual		Water Metering Replacement				
		3,749,999	F	750,000	750,000	750,000	750,000	750,000
	Project Total	**3,749,999**		**750,000**	**750,000**	**750,000**	**750,000**	**750,000**
WU22	61253	Changed - Non Recurring		Automatic Meter Reading (AMR/AMI)				
		3,400,001	F	0	0	350,000	1,800,000	1,250,000
	Project Total	**3,400,001**		**0**	**0**	**350,000**	**1,800,000**	**1,250,000**

A) GENERAL FUND B) G.O. BOND: PRIOR ISSUES C) CAPITAL PROJECTS FUND CF) SPECIAL EVENTS AND CULTURAL AMENITIES FUND D) DEVELOPER CONTRIBUTION E) SPECIAL ASSESSMENT F) WATER UTILITY G) OTHER GOVERNMENT GE) OTHER GOVERNMENT: ENTERPRISE H) MOTOR FUEL TAX IC) IMPACT FEES: CITY IU) IMPACT FEES: CITY UNFUNDED IW) IMPACT FEE: WILL COUNTY J) ELECTRIC UTILITY L) LIBRARY BUILDING RESERVES LH) LOCAL MOTOR FUEL TAX N) BURLINGTON NORTHERN RAILROAD O) DOWNTOWN PARKING SOLUTION OR) OTHER ROAD FUNDING SOURCE P) PRIVATE CONTRIBUTIONS Q) REPLACEMENT FUND R) ROAD & BRIDGE FUND S) SIDEWALK FUND T) OTHER GOVERNMENT: PENDING TF) TIF U) UNFUNDED CAPITAL V) UNFUNDED ELECTRIC W) UNFUNDED WATER

CITY OF NAPERVILLE. ILLINOIS --- SUMMARY OF PROJECT ESTIMATES --- CAPITAL IMPROVEMENTS PROGRAM
PROJECTS EXPRESSED WITH 3% INFLATION FACTOR

Department: **Public Utilities - Water/ Wastewater**

	WF #	Estimated Total Cost	Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20
WU29	TBD	Recurring		Emergency Standby Well Rehabilitation				
		1,375,000	F	275,000	275,000	275,000	275,000	275,000
	Project Total	**1,375,000**		**275,000**	**275,000**	**275,000**	**275,000**	**275,000**
WU32	TBD	Changed - Non Recurring		Southeast Waterworks Pumps & Controls Replacement				
		250,000	F	0	0	0	0	250,000
	Project Total	**250,000**		**0**	**0**	**0**	**0**	**250,000**
WWU05	TBD	Changed - Recurring		Wastewater Utility Infrastructure Relocation - Various Locations				
		275,000	F	75,000	50,000	50,000	50,000	50,000
	Project Total	**275,000**		**75,000**	**50,000**	**50,000**	**50,000**	**50,000**
WWU06	TBD	Annual		Sanitary Sewer System Rehab/Replacement-Interceptors/Trunk Sewers/Mainlines & Service				
		17,236,044	F	2,600,000	4,800,000	4,946,955	2,445,363	2,443,725
	Project Total	**17,236,044**		**2,600,000**	**4,800,000**	**4,946,955**	**2,445,363**	**2,443,725**
WWU09	TBD	Annual		Sanitary Sewer Oversizing Payments - New Developments				
		150,001	F	50,000	25,000	25,000	25,001	25,000
	Project Total	**150,001**		**50,000**	**25,000**	**25,000**	**25,001**	**25,000**
WWU10	TBD	Recurring		Sanitary Sewer Capacity Improvements				
		1,300,000	F	900,000	100,000	100,000	100,000	100,000
	Project Total	**1,300,000**		**900,000**	**100,000**	**100,000**	**100,000**	**100,000**
WWU34	Multiple - TBD	Annual		Sanitary Sewer Lift Station Rehabilitation Program				
		2,675,000	F	710,000	460,000	660,000	460,000	385,001
	Project Total	**2,675,000**		**710,000**	**460,000**	**660,000**	**460,000**	**385,001**
WWU35	TBD	Changed - Non Recurring		SWRC - Phosphorus Removal - Preliminary Engineering (IEPA Permit Pending Requiremen				
		2,865,000	F	0	150,000	150,000	365,000	2,200,001
	Project Total	**2,865,000**		**0**	**150,000**	**150,000**	**365,000**	**2,200,001**

A) GENERAL FUND B) G.O. BOND: PRIOR ISSUES C) CAPITAL PROJECTS FUND CF) SPECIAL EVENTS AND CULTURAL AMENITIES FUND D) DEVELOPER CONTRIBUTION E) SPECIAL ASSESSMENT F) WATER UTILITY G) OTHER GOVERNMENT GE) OTHER GOVERNMENT: ENTERPRISE H) MOTOR FUEL TAX IC) IMPACT FEES: CITY IU) IMPACT FEES: CITY UNFUNDED IW) IMPACT FEE: WILL COUNTY J) ELECTRIC UTILITY L) LIBRARY BUILDING RESERVES LH) LOCAL MOTOR FUEL TAX N) BURLINGTON NORTHERN RAILROAD O) DOWNTOWN PARKING SOLUTION OR) OTHER ROAD FUNDING SOURCE P) PRIVATE CONTRIBUTIONS Q) REPLACEMENT FUND R) ROAD & BRIDGE FUND S) SIDEWALK FUND T) OTHER GOVERNMENT: PENDING TF) TIF U) UNFUNDED CAPITAL V) UNFUNDED ELECTRIC W) UNFUNDED WATER

CITY OF NAPERVILLE. ILLINOIS --- SUMMARY OF PROJECT ESTIMATES --- CAPITAL IMPROVEMENTS PROGRAM
PROJECTS EXPRESSED WITH 3% INFLATION FACTOR

Department: **Public Utilities - Water/ Wastewater**

	WF #	Estimated Total Cost	Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20
WWU39	TBD	Changed - Non Recurring		SWRC - Influent Headworks Upgrades & Improvements				
		2,384,465	F	200,000	2,184,465	0	0	0
	Project Total	**2,384,465**		**200,000**	**2,184,465**	**0**	**0**	**0**
WWU40	TBD	Changed - Non Recurring		Wastewater Engine Generator				
		374,920	F	0	0	374,920	0	0
	Project Total	**374,920**		**0**	**0**	**374,920**	**0**	**0**
WWU41	TBD	Changed - Non Recurring		SWRC - Facility Replacement (non-treatment)				
		989,018	F	399,640	425,421	53,045	54,636	56,275
	Project Total	**989,018**		**399,640**	**425,421**	**53,045**	**54,636**	**56,275**
WWU42	TBD	New		Biosolids Holding Tank				
		1,406,000	F	1,200,000	206,000	0	0	0
	Project Total	**1,406,000**		**1,200,000**	**206,000**	**0**	**0**	**0**
	Department Total	**47,565,448**		**8,259,640**	**11,250,885**	**9,934,920**	**9,085,001**	**9,035,002**

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CITY OF NAPERVILLE. ILLINOIS --- SUMMARY OF PROJECT ESTIMATES --- CAPITAL IMPROVEMENTS PROGRAM
PROJECTS EXPRESSED WITH 3% INFLATION FACTOR

Department: **Public Works**

	WF #	Estimated Total Cost	Funding Source		FY15-16	FY16-17	FY17-18	FY18-19	FY19-20
EQ035		Changed - Non Recurring		Downtown Sound System					
		95,000	E		0	95,000	0	0	0
	Project Total	**95,000**			**0**	**95,000**	**0**	**0**	**0**
LR076		Changed - Recurring		Security Cameras					
		125,000	F		125,000	0	0	0	0
		229,500	U		75,000	154,500	0	0	0
	Project Total	**354,500**			**200,000**	**154,500**	**0**	**0**	**0**
MB136	(none)	Changed - Recurring		Municipal Center Front Plaza and Parking Deck Repairs and Upgrades					
		1,004,905	U		270,000	257,500	477,405	0	0
	Project Total	**1,004,905**			**270,000**	**257,500**	**477,405**	**0**	**0**
MB145	(none)	Recurring		Carpeting at Municipal Center					
		401,852	U		85,000	0	156,085	160,767	0
	Project Total	**401,852**			**85,000**	**0**	**156,085**	**160,767**	**0**
MB160		Changed - Recurring		Downtown Parking Deck Maintenance Program					
		528,581	E		209,925	318,656	0	0	0
	Project Total	**528,581**			**209,925**	**318,656**	**0**	**0**	**0**
MB161		Changed - Non Recurring		Electric Service Center Roof Replacement					
		471,000	J		471,000	0	0	0	0
	Project Total	**471,000**			**471,000**	**0**	**0**	**0**	**0**
MB167		Previous Year - No Change		Municipal Center Elevator Upgrade					
		68,000	U		68,000	0	0	0	0
	Project Total	**68,000**			**68,000**	**0**	**0**	**0**	**0**
MB170		Previous Year - No Change		Tuck-Point Masonry at Burlington Commuter Station					
		125,000	N		125,000	0	0	0	0

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CITY OF NAPERVILLE. ILLINOIS --- SUMMARY OF PROJECT ESTIMATES --- CAPITAL IMPROVEMENTS PROGRAM
PROJECTS EXPRESSED WITH 3% INFLATION FACTOR

Department: **Public Works**

	WF #	Estimated Total Cost	Funding Source		FY15-16	FY16-17	FY17-18	FY18-19	FY19-20
	Project Total	**125,000**			**125,000**	**0**	**0**	**0**	**0**
MB176		Previous Year - No Change		Municipal Center Roof Replacement					
		1,066,047	U		0	355,350	350,097	360,600	0
	Project Total	**1,066,047**			**0**	**355,350**	**350,097**	**360,600**	**0**
MB188		Changed - Recurring		Fire Station Overhead Doors Replacement					
		552,390	U		0	0	230,746	158,445	163,199
	Project Total	**552,390**			**0**	**0**	**230,746**	**158,445**	**163,199**
MB193		Changed - Non Recurring		Compressed Natural Gas (CNG) Fueling Station					
		206,000	U		0	206,000	0	0	0
	Project Total	**206,000**			**0**	**206,000**	**0**	**0**	**0**
MB197		Previous Year - No Change		Fire Administrative Workspaces					
		92,298	U		0	0	92,298	0	0
	Project Total	**92,298**			**0**	**0**	**92,298**	**0**	**0**
MB198		New		Police Department Building Automation System Upgrade					
		149,350	U		0	149,350	0	0	0
	Project Total	**149,350**			**0**	**149,350**	**0**	**0**	**0**
MB199		New		Emergency Vehicle Exhaust System Replacement					
		410,572	U		108,400	126,381	175,791	0	0
	Project Total	**410,572**			**108,400**	**126,381**	**175,791**	**0**	**0**
MB200		New		Municipal Center - Landscape Erosion/Slope Safety Improvements					
		28,840	U		0	28,840	0	0	0
	Project Total	**28,840**			**0**	**28,840**	**0**	**0**	**0**
MB201		New		Naperville Fire Department - Replacement of Furnance & A/C Split Systems					
		26,000	U		26,000	0	0	0	0

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CITY OF NAPERVILLE. ILLINOIS --- SUMMARY OF PROJECT ESTIMATES --- CAPITAL IMPROVEMENTS PROGRAM
PROJECTS EXPRESSED WITH 3% INFLATION FACTOR

Department: **Public Works**

	WF #	Estimated Total Cost	Funding Source		FY15-16	FY16-17	FY17-18	FY18-19	FY19-20
	Project Total	**26,000**			**26,000**	**0**	**0**	**0**	**0**
MB202		New		SCADA Uninterruptable Power Supply (UPS) Replacement					
		53,000	J		53,000	0	0	0	0
	Project Total	**53,000**			**53,000**	**0**	**0**	**0**	**0**
MB203		New		Salt Dome Roof Replacement					
		75,190	U		0	75,190	0	0	0
	Project Total	**75,190**			**0**	**75,190**	**0**	**0**	**0**
PA020		Annual		Annual Tree Planting Program					
		210,815	U		0	0	53,708	81,135	75,972
	Project Total	**210,815**			**0**	**0**	**53,708**	**81,135**	**75,972**
PA040		Recurring		Emerald Ash Borer Removal and Replacement Program					
		1,092,236	U		427,500	386,250	278,486	0	0
	Project Total	**1,092,236**			**427,500**	**386,250**	**278,486**	**0**	**0**
SC223	(none)	Annual		Alley Improvement Program					
		640,551	R		145,000	118,450	122,004	125,664	129,434
	Project Total	**640,551**			**145,000**	**118,450**	**122,004**	**125,664**	**129,434**
SL125	(none)	Recurring		Capital Upgrade/Replacement of Street Lighting Systems					
		214,567	U		0	0	132,613	81,955	0
	Project Total	**214,567**			**0**	**0**	**132,613**	**81,955**	**0**
SL137		Changed - Recurring		Citywide LED Street Lighting Conversion					
		802,532	B		423,605	378,927	0	0	0
		750,000	GE		750,000	0	0	0	0
		2,055,028	U		0	845,026	391,472	403,216	415,313
	Project Total	**3,607,559**			**1,173,605**	**1,223,953**	**391,472**	**403,216**	**415,313**

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CITY OF NAPERVILLE. ILLINOIS --- SUMMARY OF PROJECT ESTIMATES --- CAPITAL IMPROVEMENTS PROGRAM
PROJECTS EXPRESSED WITH 3% INFLATION FACTOR

Department: **Public Works**

	WF #	Estimated Total Cost	Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20
SW001	(none)	Annual		Annual Stormwater Management Projects				
		690,188	U	130,000	133,900	137,917	142,055	146,316
	Project Total	**690,188**		**130,000**	**133,900**	**137,917**	**142,055**	**146,316**
SW017	(none)	Annual		Storm Sewer Lining Program				
		5,309,136	U	1,000,000	1,030,000	1,060,900	1,092,727	1,125,509
	Project Total	**5,309,136**		**1,000,000**	**1,030,000**	**1,060,900**	**1,092,727**	**1,125,509**
SW026		Annual		Stormwater System Upgrade and Improvement Program				
		589,314	U	111,000	114,330	117,760	121,293	124,931
	Project Total	**589,314**		**111,000**	**114,330**	**117,760**	**121,293**	**124,931**
	Department Total	**18,062,891**		**4,603,430**	**4,773,650**	**3,777,281**	**2,727,856**	**2,180,673**

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CITY OF NAPERVILLE. ILLINOIS --- SUMMARY OF PROJECT ESTIMATES --- CAPITAL IMPROVEMENTS PROGRAM
PROJECTS EXPRESSED WITH 3% INFLATION FACTOR

Department: **Riverwalk**

	WF #	Estimated Total Cost	Funding Source		FY15-16	FY16-17	FY17-18	FY18-19	FY19-20
PA022		Annual		Annual Riverwalk Rehabilitation Program					
		10,000	B		10,000	0	0	0	0
		255,457	U		40,000	51,500	53,045	54,636	56,275
	Project Total	**265,457**			**50,000**	**51,500**	**53,045**	**54,636**	**56,275**
PA024		Changed - Non Recurring		NCC Park- 430 South Washington Street					
		370,000	B		370,000	0	0	0	0
		1,100,000	G		1,100,000	0	0	0	0
	Project Total	**1,470,000**			**1,470,000**	**0**	**0**	**0**	**0**
PA034		Changed - Non Recurring		West Parking Lot BMP Improvement					
		45,020	U		0	0	0	0	45,020
	Project Total	**45,020**			**0**	**0**	**0**	**0**	**45,020**
PA037		Changed - Non Recurring		Riverwalk Rehabilitation between Eagle Street and Oliver Hoffman Pavilion					
		1,793,428	U		0	0	195,206	0	1,598,223
	Project Total	**1,793,428**			**0**	**0**	**195,206**	**0**	**1,598,223**
PA039		Changed - Non Recurring		Asphalt Fire Lane Replacement near Carillon					
		128,614	U		0	0	0	27,318	101,296
	Project Total	**128,614**			**0**	**0**	**0**	**27,318**	**101,296**
PA043		Changed - Non Recurring		Elevator Replacement in the Moser Tower					
		206,000	U		0	206,000	0	0	0
	Project Total	**206,000**			**0**	**206,000**	**0**	**0**	**0**
PA046		New		Moser Tower Structrual Assessment					
		50,000	U		50,000	0	0	0	0
	Project Total	**50,000**			**50,000**	**0**	**0**	**0**	**0**
PA047		New		South Extension/Dunkin Donuts Retaining Wall					

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CITY OF NAPERVILLE. ILLINOIS --- SUMMARY OF PROJECT ESTIMATES --- CAPITAL IMPROVEMENTS PROGRAM
PROJECTS EXPRESSED WITH 3% INFLATION FACTOR

Department: **Riverwalk**

WF #	Estimated Total Cost	Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20
	62,000	D	62,000	0	0	0	0
	38,000	U	38,000	0	0	0	0
Project Total	**100,000**		**100,000**	**0**	**0**	**0**	**0**
Department Total	**4,058,519**		**1,670,000**	**257,500**	**248,251**	**81,955**	**1,800,814**

A) GENERAL FUND B) G.O. BOND: PRIOR ISSUES C) CAPITAL PROJECTS FUND CF) SPECIAL EVENTS AND CULTURAL AMENITIES FUND D) DEVELOPER CONTRIBUTION E) SPECIAL ASSESSMENT F) WATER UTILITY G) OTHER GOVERNMENT GE) OTHER GOVERNMENT: ENTERPRISE H) MOTOR FUEL TAX IC) IMPACT FEES: CITY IU) IMPACT FEES: CITY UNFUNDED IW) IMPACT FEE: WILL COUNTY J) ELECTRIC UTILITY L) LIBRARY BUILDING RESERVES LH) LOCAL MOTOR FUEL TAX N) BURLINGTON NORTHERN RAILROAD O) DOWNTOWN PARKING SOLUTION OR) OTHER ROAD FUNDING SOURCE P) PRIVATE CONTRIBUTIONS Q) REPLACEMENT FUND R) ROAD & BRIDGE FUND S) SIDEWALK FUND T) OTHER GOVERNMENT: PENDING TF) TIF U) UNFUNDED CAPITAL V) UNFUNDED ELECTRIC W) UNFUNDED WATER

CITY OF NAPERVILLE. ILLINOIS --- SUMMARY OF PROJECT ESTIMATES --- CAPITAL IMPROVEMENTS PROGRAM
PROJECTS EXPRESSED WITH 3% INFLATION FACTOR

Department: **Transportation, Engineering & Development**

	WF #	Estimated Total Cost	Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20
BR005	(none)	Changed - Non Recurring		North Aurora Road Underpass at the CN Railroad				
		162,000	B	162,000	0	0	0	0
		32,068,416	G	1,640,000	0	1,591,350	14,205,451	14,631,615
		4,938,254	U	550,000	0	1,060,900	1,639,091	1,688,263
	Project Total	**37,168,669**		**2,352,000**	**0**	**2,652,250**	**15,844,542**	**16,319,878**
BR007	(none)	Previous Year - No Change		South Washington Street Bridge Pedestrian Improvements				
		927,000	G	0	927,000	0	0	0
		494,000	U	0	494,000	0	0	0
	Project Total	**1,421,000**		**0**	**1,421,000**	**0**	**0**	**0**
BR017	(none)	Previous Year - No Change		Bridge for Relocated 95th Street Over the DuPage River				
		950,000	U	950,000	0	0	0	0
	Project Total	**950,000**		**950,000**	**0**	**0**	**0**	**0**
BR019	(none)	Previous Year - No Change		87th St. Bridge Over Springbrook Creek				
		139,869	G	0	0	0	139,869	0
		34,967	U	0	0	0	34,967	0
	Project Total	**174,836**		**0**	**0**	**0**	**174,836**	**0**
BR031	(none)	Changed - Non Recurring		Downtown Washington Street Bridge Rehabilitation				
		5,311,130	G	272,000	0	288,565	419,607	4,330,958
		2,373,232	U	68,000	515,000	602,591	104,902	1,082,739
	Project Total	**7,684,362**		**340,000**	**515,000**	**891,156**	**524,509**	**5,413,697**
BR032		New		Bridge and Retaining Wall Railing Maintenance				
		130,491	U	0	0	21,218	109,273	0
	Project Total	**130,491**		**0**	**0**	**21,218**	**109,273**	**0**
BW015	(none)	Changed - Non Recurring		Springbrook Prairie to Virgil Gilman Trail				
		1,079,972	U	0	0	190,962	304,871	584,139

A) GENERAL FUND B) G.O. BOND: PRIOR ISSUES C) CAPITAL PROJECTS FUND CF) SPECIAL EVENTS AND CULTURAL AMENITIES FUND D) DEVELOPER CONTRIBUTION E) SPECIAL ASSESSMENT F) WATER UTILITY G) OTHER GOVERNMENT GE) OTHER GOVERNMENT: ENTERPRISE H) MOTOR FUEL TAX IC) IMPACT FEES: CITY IU) IMPACT FEES: CITY UNFUNDED IW) IMPACT FEE: WILL COUNTY J) ELECTRIC UTILITY L) LIBRARY BUILDING RESERVES LH) LOCAL MOTOR FUEL TAX N) BURLINGTON NORTHERN RAILROAD O) DOWNTOWN PARKING SOLUTION OR) OTHER ROAD FUNDING SOURCE P) PRIVATE CONTRIBUTIONS Q) REPLACEMENT FUND R) ROAD & BRIDGE FUND S) SIDEWALK FUND T) OTHER GOVERNMENT: PENDING TF) TIF U) UNFUNDED CAPITAL V) UNFUNDED ELECTRIC W) UNFUNDED WATER

CITY OF NAPERVILLE. ILLINOIS --- SUMMARY OF PROJECT ESTIMATES --- CAPITAL IMPROVEMENTS PROGRAM
PROJECTS EXPRESSED WITH 3% INFLATION FACTOR

Department: **Transportation, Engineering & Development**

	WF #	Estimated Total Cost	Funding Source		FY15-16	FY16-17	FY17-18	FY18-19	FY19-20
	Project Total	**1,079,972**			**0**	**0**	**190,962**	**304,871**	**584,139**
CS006	(none)	Annual		New Sidewalk Improvements					
		160,000	G		160,000	0	0	0	0
		1,340,000	U		140,000	300,000	300,000	300,000	300,000
	Project Total	**1,500,000**			**300,000**	**300,000**	**300,000**	**300,000**	**300,000**
CS009		Changed - Non Recurring		Washington Street Streetscape					
		538,267	U		0	0	37,132	290,665	210,470
	Project Total	**538,267**			**0**	**0**	**37,132**	**290,665**	**210,470**
CS011		Previous Year - No Change		Van Buren Parking Lot Pedestrian Connection					
		60,000	E		0	0	60,000	0	0
	Project Total	**60,000**			**0**	**0**	**60,000**	**0**	**0**
CS014		New		Downtown Streetscape					
		25,000	E		25,000	0	0	0	0
		50,000	U		50,000	0	0	0	0
	Project Total	**75,000**			**75,000**	**0**	**0**	**0**	**0**
MB035	(none)	Recurring		Municipal Parking Lot Maintenance					
		180,000	E		21,000	2,000	136,700	0	20,300
		516,400	N		241,000	94,500	40,100	69,000	71,800
		334,100	U		80,000	76,500	5,500	172,100	0
	Project Total	**1,030,500**			**342,000**	**173,000**	**182,300**	**241,100**	**92,100**
MB117	(none)	Changed - Non Recurring		Central Park Master Plan Improvements					
		1,402,031	CF		0	133,900	509,232	590,073	168,826
	Project Total	**1,402,031**			**0**	**133,900**	**509,232**	**590,073**	**168,826**
MB138	none	Changed - Non Recurring		Water Street District Improvements					

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CITY OF NAPERVILLE. ILLINOIS --- SUMMARY OF PROJECT ESTIMATES --- CAPITAL IMPROVEMENTS PROGRAM
PROJECTS EXPRESSED WITH 3% INFLATION FACTOR

Department: **Transportation, Engineering & Development**

	WF #	Estimated Total Cost	Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20
		2,783,000	B	2,783,000	0	0	0	0
		4,380,000	O	4,380,000	0	0	0	0
		687,000	TF	687,000	0	0	0	0
		5,910,000	U	4,610,000	1,300,000	0	0	0
	Project Total	**13,760,000**		**12,460,000**	**1,300,000**	**0**	**0**	**0**
MB142	(none)	Changed - Non Recurring		Downtown Train Station Bus Drop-off Improvements				
		1,000,000	G	0	0	1,000,000	0	0
		295,000	N	0	75,000	220,000	0	0
	Project Total	**1,295,000**		**0**	**75,000**	**1,220,000**	**0**	**0**
MB163	(none)	Changed - Non Recurring		Downtown Parking Solution - Central Parking Facility				
		36,422,550	U	800,000	14,935,000	20,687,550	0	0
	Project Total	**36,422,550**		**800,000**	**14,935,000**	**20,687,550**	**0**	**0**
MB178	(none)	Changed - Non Recurring		Electrical Vehicle Charging Stations				
		62,727	U	0	30,900	31,827	0	0
	Project Total	**62,727**		**0**	**30,900**	**31,827**	**0**	**0**
MB179	(none)	Changed - Non Recurring		Electronic Building Permit Submittals (E-Permits)				
		206,000	U	0	0	206,000	0	0
	Project Total	**206,000**		**0**	**0**	**206,000**	**0**	**0**
MB192	(none)	Changed - Non Recurring		Naper Boulevard Retaining Wall Renovation				
		216,867	U	0	20,600	196,267	0	0
	Project Total	**216,867**		**0**	**20,600**	**196,267**	**0**	**0**
MP004	(none)	Annual		Sidewalk & Curb Replacement Program				
		50,000	A	10,000	10,000	10,000	10,000	10,000
		120,000	E	60,000	60,000	0	0	0
		485,000	P	97,000	97,000	97,000	97,000	97,000

A) GENERAL FUND B) G.O. BOND: PRIOR ISSUES C) CAPITAL PROJECTS FUND CF) SPECIAL EVENTS AND CULTURAL AMENITIES FUND D) DEVELOPER CONTRIBUTION E) SPECIAL ASSESSMENT F) WATER UTILITY G) OTHER GOVERNMENT GE) OTHER GOVERNMENT: ENTERPRISE H) MOTOR FUEL TAX IC) IMPACT FEES: CITY IU) IMPACT FEES: CITY UNFUNDED IW) IMPACT FEE: WILL COUNTY J) ELECTRIC UTILITY L) LIBRARY BUILDING RESERVES LH) LOCAL MOTOR FUEL TAX N) BURLINGTON NORTHERN RAILROAD O) DOWNTOWN PARKING SOLUTION OR) OTHER ROAD FUNDING SOURCE P) PRIVATE CONTRIBUTIONS Q) REPLACEMENT FUND R) ROAD & BRIDGE FUND S) SIDEWALK FUND T) OTHER GOVERNMENT: PENDING TF) TIF U) UNFUNDED CAPITAL V) UNFUNDED ELECTRIC W) UNFUNDED WATER

CITY OF NAPERVILLE. ILLINOIS --- SUMMARY OF PROJECT ESTIMATES --- CAPITAL IMPROVEMENTS PROGRAM
PROJECTS EXPRESSED WITH 3% INFLATION FACTOR

Department: **Transportation, Engineering & Development**

	WF #	Estimated Total Cost	Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20
		1,940,000	U	388,000	388,000	388,000	388,000	388,000
	Project Total	**2,595,000**		**555,000**	**555,000**	**495,000**	**495,000**	**495,000**
MP009	(none)	Annual		Street Maintenance Improvement Program				
		25,837,000	A	4,600,000	4,834,000	5,203,000	5,600,000	5,600,000
		1,163,000	G	0	766,000	397,000	0	0
		17,500,000	H	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000
		10,500,000	LH	2,100,000	2,100,000	2,100,000	2,100,000	2,100,000
		2,000,000	R	400,000	400,000	400,000	400,000	400,000
	Project Total	**57,000,000**		**10,600,000**	**11,600,000**	**11,600,000**	**11,600,000**	**11,600,000**
MP014	(none)	New		Guardrail Upgrade				
		120,000	U	0	40,000	40,000	40,000	0
	Project Total	**120,000**		**0**	**40,000**	**40,000**	**40,000**	**0**
MP016	(none)	Recurring		Bikeway System Maintenance Program				
		200,000	U	0	100,000	0	0	100,000
	Project Total	**200,000**		**0**	**100,000**	**0**	**0**	**100,000**
MP018	(none)	Recurring		ADA Sidewalk Improvements				
		500,000	U	100,000	100,000	100,000	100,000	100,000
	Project Total	**500,000**		**100,000**	**100,000**	**100,000**	**100,000**	**100,000**
SC007	(none)	Changed - Non Recurring		95th Street: EJ&E Railroad to Rt. 59				
		340,000	B	340,000	0	0	0	0
		941,000	D	340,000	0	0	601,000	0
		601,000	U	0	0	0	601,000	0
	Project Total	**1,882,000**		**680,000**	**0**	**0**	**1,202,000**	**0**
SC033	(none)	Changed - Non Recurring		North Aurora Road.: Frontenac Rd. to Weston Ridge Dr.				
		8,127,086	G	0	154,500	371,315	163,909	7,437,362

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CITY OF NAPERVILLE. ILLINOIS --- SUMMARY OF PROJECT ESTIMATES --- CAPITAL IMPROVEMENTS PROGRAM
PROJECTS EXPRESSED WITH 3% INFLATION FACTOR

Department: **Transportation, Engineering & Development**

	WF #	Estimated Total Cost	Funding Source		FY15-16	FY16-17	FY17-18	FY18-19	FY19-20
		4,685,412	U		0	669,500	689,585	622,854	2,703,472
	Project Total	**12,812,498**			**0**	**824,000**	**1,060,900**	**786,763**	**10,140,834**
SC099	(none)	Annual		Street Safety and Improvement Program					
		375,000	U		75,000	75,000	75,000	75,000	75,000
	Project Total	**375,000**			**75,000**	**75,000**	**75,000**	**75,000**	**75,000**
SC140	(none)	New		Naper Blvd and 75th St					
		140,000	U		140,000	0	0	0	0
	Project Total	**140,000**			**140,000**	**0**	**0**	**0**	**0**
SC162	(none)	Previous Year - No Change		Rt. 34 and North Aurora Rd./ Raymond Dr.					
		586,794	G		0	0	0	586,794	0
		293,944	U		0	0	0	293,944	0
	Project Total	**880,738**			**0**	**0**	**0**	**880,738**	**0**
SC164	(none)	Previous Year - No Change		Route 34 and Aurora Avenue					
		497,191	G		0	0	0	497,191	0
		497,191	U		0	0	0	497,191	0
	Project Total	**994,382**			**0**	**0**	**0**	**994,382**	**0**
SC190	(none)	Previous Year - No Change		248th Avenue: 95th St. to 115th St.					
		6,837,288	U		0	0	106,090	6,731,198	0
	Project Total	**6,837,288**			**0**	**0**	**106,090**	**6,731,198**	**0**
SC196	(none)	Previous Year - No Change		95th Street and Book Road					
		2,319,276	U		0	118,450	252,494	1,948,332	0
	Project Total	**2,319,276**			**0**	**118,450**	**252,494**	**1,948,332**	**0**
SC216	(none)	Previous Year - No Change		East Highland Area Improvements					
		5,736,218	U		0	0	63,654	0	5,672,564

A) GENERAL FUND B) G.O. BOND: PRIOR ISSUES C) CAPITAL PROJECTS FUND CF) SPECIAL EVENTS AND CULTURAL AMENITIES FUND D) DEVELOPER CONTRIBUTION E) SPECIAL ASSESSMENT F) WATER UTILITY G) OTHER GOVERNMENT GE) OTHER GOVERNMENT: ENTERPRISE H) MOTOR FUEL TAX IC) IMPACT FEES: CITY IU) IMPACT FEES: CITY UNFUNDED IW) IMPACT FEE: WILL COUNTY J) ELECTRIC UTILITY L) LIBRARY BUILDING RESERVES LH) LOCAL MOTOR FUEL TAX N) BURLINGTON NORTHERN RAILROAD O) DOWNTOWN PARKING SOLUTION OR) OTHER ROAD FUNDING SOURCE P) PRIVATE CONTRIBUTIONS Q) REPLACEMENT FUND R) ROAD & BRIDGE FUND S) SIDEWALK FUND T) OTHER GOVERNMENT: PENDING TF) TIF U) UNFUNDED CAPITAL V) UNFUNDED ELECTRIC W) UNFUNDED WATER

CITY OF NAPERVILLE. ILLINOIS --- SUMMARY OF PROJECT ESTIMATES --- CAPITAL IMPROVEMENTS PROGRAM
PROJECTS EXPRESSED WITH 3% INFLATION FACTOR

Department: **Transportation, Engineering & Development**

	WF #	Estimated Total Cost	Funding Source		FY15-16	FY16-17	FY17-18	FY18-19	FY19-20
	Project Total	**5,736,218**			**0**	**0**	**63,654**	**0**	**5,672,564**
SC230	(none)	Previous Year - No Change		Aurora Avenue and Washington Street					
		280,345	U		0	61,800	0	218,545	0
	Project Total	**280,345**			**0**	**61,800**	**0**	**218,545**	**0**
SC252		Changed - Non Recurring		Frontenac Road Extension					
		51,500	U		0	51,500	0	0	0
	Project Total	**51,500**			**0**	**51,500**	**0**	**0**	**0**
SC253		Changed - Non Recurring		Ogden Avenue and Columbia Street Intersection Improvement					
		96,820	G		0	96,820	0	0	0
		83,430	U		0	83,430	0	0	0
	Project Total	**180,250**			**0**	**180,250**	**0**	**0**	**0**
SC254		New		Naperville-Wheaton Road: Plank to Burlington					
		37,000	C		37,000	0	0	0	0
		265,000	D		265,000	0	0	0	0
		558,000	U		558,000	0	0	0	0
	Project Total	**860,000**			**860,000**	**0**	**0**	**0**	**0**
SC256		New		91st Street: 250th to Schoger					
		1,000,000	D		1,000,000	0	0	0	0
		457,000	U		457,000	0	0	0	0
	Project Total	**1,457,000**			**1,457,000**	**0**	**0**	**0**	**0**
SW028		New		Clow Creek Farm Drainage Improvements					
		359,161	U		0	51,500	307,661	0	0
	Project Total	**359,161**			**0**	**51,500**	**307,661**	**0**	**0**
SW031		New		East Highlands (South Steeple Run Watershed) Stormwater Improvements					

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CITY OF NAPERVILLE. ILLINOIS --- SUMMARY OF PROJECT ESTIMATES --- CAPITAL IMPROVEMENTS PROGRAM
PROJECTS EXPRESSED WITH 3% INFLATION FACTOR

Department: **Transportation, Engineering & Development**

	WF #	Estimated Total Cost	Funding Source		FY15-16	FY16-17	FY17-18	FY18-19	FY19-20
		159,135	U		0	0	159,135	0	0
	Project Total	**159,135**			**0**	**0**	**159,135**	**0**	**0**
TC166	(none)	Changed - Non Recurring		Mill Street and Diehl Commons Road					
		82,503	G		0	8,240	74,263	0	0
		285,671	U		0	25,750	259,921	0	0
	Project Total	**368,174**			**0**	**33,990**	**334,184**	**0**	**0**
TC188	(none)	Changed - Non Recurring		Jefferson and Target/Westridge					
		250,000	D		250,000	0	0	0	0
	Project Total	**250,000**			**250,000**	**0**	**0**	**0**	**0**
TC193	(none)	Previous Year - No Change		Ogden Avenue Corridor Enhancement Initiative					
		112,500	U		0	0	112,500	0	0
	Project Total	**112,500**			**0**	**0**	**112,500**	**0**	**0**
TC200		New		Diehl Road and Country Club Boulevard Traffic Signal					
		386,302	U		0	30,900	355,402	0	0
	Project Total	**386,302**			**0**	**30,900**	**355,402**	**0**	**0**
TC207		Changed - Non Recurring		South Downtown Traffic Improvements					
		150,000	B		150,000	0	0	0	0
		150,000	D		150,000	0	0	0	0
	Project Total	**300,000**			**300,000**	**0**	**0**	**0**	**0**
TC212	(none)	Changed - Non Recurring		Downtown Wayfinding					
		228,042	E		0	37,080	190,962	0	0
	Project Total	**228,042**			**0**	**37,080**	**190,962**	**0**	**0**
TC217	(none)	Changed - Non Recurring		Centralized Traffic Management System					
		120,000	B		120,000	0	0	0	0

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CITY OF NAPERVILLE. ILLINOIS --- SUMMARY OF PROJECT ESTIMATES --- CAPITAL IMPROVEMENTS PROGRAM
PROJECTS EXPRESSED WITH 3% INFLATION FACTOR

Department: **Transportation, Engineering & Development**

	WF #	Estimated Total Cost	Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20
		2,467,000	G	1,347,000	1,120,000	0	0	0
		573,000	U	293,000	280,000	0	0	0
	Project Total	**3,160,000**		**1,760,000**	**1,400,000**	**0**	**0**	**0**
TC218	(none)	Changed - Non Recurring		95th Street and Knoch Knolls Road Traffic Signal				
		309,000	U	0	309,000	0	0	0
	Project Total	**309,000**		**0**	**309,000**	**0**	**0**	**0**
TC219		Previous Year - No Change		103rd Street and 248th Avenue Traffic Signal				
		325,000	U	325,000	0	0	0	0
	Project Total	**325,000**		**325,000**	**0**	**0**	**0**	**0**
TC221		New		Traffic Signal Equipment Replacement Program				
		200,000	U	40,000	40,000	40,000	40,000	40,000
	Project Total	**200,000**		**40,000**	**40,000**	**40,000**	**40,000**	**40,000**
TC222		New		Mill Street School Traffic Signal				
		183,340	G	0	183,340	0	0	0
		183,340	U	0	183,340	0	0	0
	Project Total	**366,680**		**0**	**366,680**	**0**	**0**	**0**
	Department Total	**206,923,761**		**34,761,000**	**34,879,550**	**42,478,874**	**43,491,827**	**51,312,509**

A) GENERAL FUND B) G.O. BOND: PRIOR ISSUES C) CAPITAL PROJECTS FUND CF) SPECIAL EVENTS AND CULTURAL AMENITIES FUND D) DEVELOPER CONTRIBUTION E) SPECIAL ASSESSMENT F) WATER UTILITY G) OTHER GOVERNMENT GE) OTHER GOVERNMENT: ENTERPRISE H) MOTOR FUEL TAX IC) IMPACT FEES: CITY IU) IMPACT FEES: CITY UNFUNDED IW) IMPACT FEE: WILL COUNTY J) ELECTRIC UTILITY L) LIBRARY BUILDING RESERVES LH) LOCAL MOTOR FUEL TAX N) BURLINGTON NORTHERN RAILROAD O) DOWNTOWN PARKING SOLUTION OR) OTHER ROAD FUNDING SOURCE P) PRIVATE CONTRIBUTIONS Q) REPLACEMENT FUND R) ROAD & BRIDGE FUND S) SIDEWALK FUND T) OTHER GOVERNMENT: PENDING TF) TIF U) UNFUNDED CAPITAL V) UNFUNDED ELECTRIC W) UNFUNDED WATER

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CIP Executive Summaries

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FY 2016-2020 CIP
Transportation, Engineering and Development Business Group
Executive Summary

The mission of the Transportation, Engineering and Development (TED) Business Group is to provide excellent service in building and maintaining the community to enhance the city's distinct character and quality of life. For the TED Business Group, the city's Capital Improvement Program (CIP) is the implementation tool of the long-range planning efforts to fulfill this mission.

TED CIP Development

The long-range planning is formulated from a number of resource documents that have been developed by the city. These planning documents provide the linkage of the CIP to the city's planning visions. TED staff evaluates community needs and proposes projects which support and implement the working policies and practices established by these specific planning resource documents.

- Comprehensive Transportation Plan
- Roadway Improvement Plan
- Comprehensive Sidewalk Policy
- Commuter Parking Assessment
- Annexation and Developer Agreements
- South Downtown Parking Management Study
- Continuous Improvement Model
- Strategic Plan
- Downtown 2030 Plan
- Bicycle Implementation Plan
- 5th Avenue Study
- Ogden Avenue Corridor Study
- Watershed Studies
- Environmental Sustainability Plan

The principal focus of the CIP provides the 5-year implementation strategy of the long-range plan. Also included is a strategic look at projects included in FY2021-2035. Each year, the TED Business Group reconfirms and checks the progression of the implementation plan through a project prioritization process. Staff accomplishes the process by defining the project function(s) and evaluating each project based upon criteria driven by the vision, goals and objectives set forth in the resource documents. The final step is categorizing the projects based on their programming implementation frequency - new, non-recurring, and recurring projects.

The TED Business Group also identified two priority areas of focus for projects in the CIP:

- Supporting Economic Development – Downtown Naperville is a key destination for residents and visitors. The success of the downtown is the result of a continued partnership between the downtown and City. This plan includes parking, streetscape, and roadway projects programmed to support expansion of these services. The plan also includes projects to meet the goals of improving traffic flow and congestion throughout the community building upon the Strategic Plan goal to implement traffic signal systems and roadway improvements.
- System Preservation & Safety – The City of Naperville has an extensive transportation network of roadways, traffic signals, bridges, sidewalks and bikeways. This plan includes projects that are essential to preserving the basic function of these assets.

FY 2016-2020 CIP
Transportation, Engineering and Development Business Group
Executive Summary

The following functions categorize the need for the project:

- **Preservation** – Provides for long-term maintenance of existing public facilities.
- **Reduce Congestion** – Improves the roadway network.
- **Safety** – Improves public safety.
- **Stormwater** – Reduces stormwater management impacts.
- **Bicycle and Pedestrian** – Promotes alternative modes of transportation.
- **Environmental Sustainability** – Reduces environmental impacts.

The evaluation criteria illustrate distinct project opportunities:

- **Coordination** – Considers coordination for cost savings and public convenience.
- **Funding** – Considers the prospect and value of external funding opportunities.
- **Mandate** – Considers the legislative commitments compelling a project.
- **Investment** - Considers the opportunity value associated with early study of a project and stakeholder endorsement processes.
- **Need** – Considers the need to improve or maintain the functionality of city infrastructure.

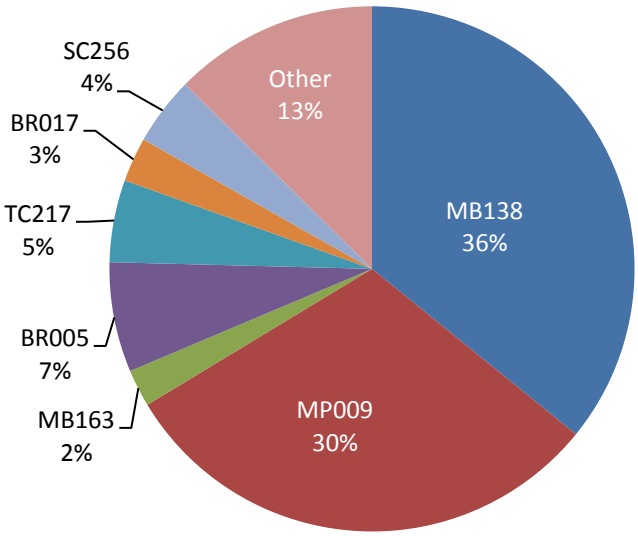
Once this process is complete, the CIP is evaluated to ensure that it is a balanced document with respect to fiscal, resource, and project coordination constraints.

TED FY15-16 CIP Expenditures

The FY15-16 CIP represents the TED Business Group's near-term plan to implement various stages of progress from engineering through construction for twenty-one (21) projects, valued at approximately $34,761,000.

The following chart and figure illustrate the distribution of expenditures for FY15-16.

Project #	Cost
MB138	$12,460,000
MP009	$10,600,000
MB163	$ 800,000
BR005	$ 2,352,000
SC256	$ 1,457,000
TC217	$ 1,760,000
BR017	$ 950,000
Other	$ 4,557,000
Total	**$34,761,000**



As seen from the chart and figure, Seven (7) of the twenty-one (21) projects account for 87% of the expenditures for FY15-16. All seven of the projects are also associated with the two priorities discussed previously:

- Supporting Economic Development - MB138, MB163, BR005, BR017, SC256 and TC217
- System Preservation & Safety – MP009

New Projects

For FY16-20, the following eleven (11) new capital improvement projects are proposed:

- BR032 – Bridge and Retaining Wall Railing Maintenance - (Engineering- $21,218 in FY17-18; Construction- $109,273 in FY18-19)
- CS014 – Downtown Streetscape - (Feasibility Study - $75, 000 in FY15-16)
- MP014 – Guardrail Upgrade - (Construction - $40,000 in FY16-17, FY17-18, and FY18-19)
- SC140 – Naper Blvd. and 75th Street - (Land Acquisition - $140,000 in FY15-16)
- SC254 – Naperville-Wheaton Road: Plank to Burlington - (Construction - $860,000 in FY15-16)
- SC256 – 91st Street; 250th to Schoger - (Construction - $1,382,000 in FY15-16; Engineering- $75,000 in FY15-16)
- SW028 – Clow Creek Farm Drainage Improvements - (Design Engineering - $51,500 in FY 16-17; Construction - $307,661 in FY 17-18)
- SW031 – East Highlands (South Steeple Run Watershed) Stormwater Improvements - (Preliminary Engineering - $159,135 in FY 17-18)
- TC200 – Diehl and Country Club Traffic Signal – (Design Engineering- $30,900 in FY16-17; Construction Engineering- $37,132 in FY17-18; Construction - $318,270 in FY17-18)
- TC221 – Traffic Signal Equipment Replacement Program) – (Construction - $40,000 in Recurring FY15-20)
- TC222 – Mill Street School Traffic Signal – (Design Engineering- $30,900 in FY16-17; Construction - $335,780 in FY16-17)

FY 2016-2020 CIP
Transportation, Engineering and Development Business Group
Executive Summary

FY15-16 – Non-Recurring Projects

For FY15-16, ten (10) non-recurring projects are programmed. These projects include:

Supporting Economic Development

- BR005 – North Aurora Underpass at the CN Railroad (Land Acquisition/Engineering - $2,352,000)
- BR017 – 95th Street over the DuPage River (Construction/Engineering - $950,000)
- MB138 – Water Street District Improvements (Land/ Engineering/ Construction - $12,460,000)
- MB163 – Downtown Parking Solution – Central Parking Facility (Land Acquisition/ Engineering – $800,000)
- SC007 – 95th Street: EJ&E Railroad to Route 59 (Construction - $680,000)
- TC188 – Jefferson and Target/Westridge (Construction - $250,000)
- TC207 – South Downtown Traffic Improvements (Construction - $300,000)
- TC217 – Centralized Traffic Management System (Engineering - $200,000; Construction - $1,560,000)
- TC219 – 103rd Street and 248th Avenue Traffic Signal (Construction - $325,000)

System Preservation and Safety

- BR031 – Downtown Washington Street Bridge Rehabilitation (Engineering - $340,000)

FY15-16 – Recurring/Annual Projects

For FY15-16, six (6) annual or recurring projects are programmed.

System Preservation and Safety

Improvements

- CS006 – New Sidewalk Improvements (Construction - $300,000)
- MP018 – ADA Sidewalk Improvements (Construction - $100,000)
- SC099 – Street Safety Improvement Program (Design/Construction - $75,000)

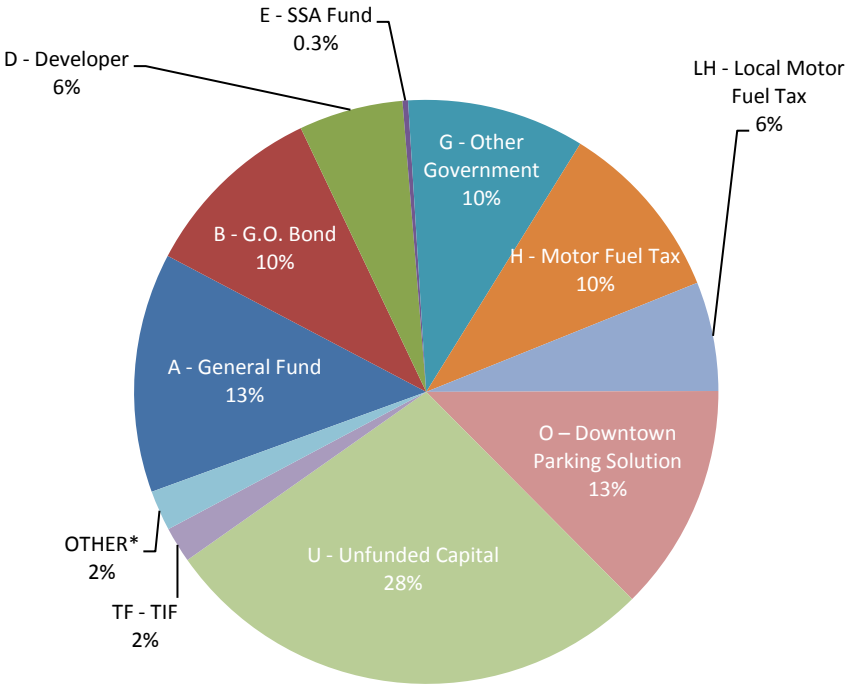
Maintenance

- MB035– Municipal Parking Lot Maintenance (Construction - $342,000)
- MP004 – Sidewalk & Curb Replacement Program (Construction - $555,000)
- MP009 – Street Maintenance Improvement Program (Construction - $10,600,000)

FY 2016-2020 CIP
Transportation, Engineering and Development Business Group
Executive Summary

TED projects are funded from a variety of revenue sources. The chart and figure illustrate the FY15-16 funding distribution:

Fund	Amount
A - General Fund	$4,610,000
B - G.O. Bond	$3,555,000
D - Developer	$2,005,000
E - SSA Fund	$106,000
G - Other Government	$3,419,000
H - Motor Fuel Tax	$3,500,000
LH - Local Motor Fuel Tax	$2,100,000
O – Downtown Parking Solution	$4,380,000
U - Unfunded Capital	$9,624,000
TF - TIF	$687,000
OTHER*	$775,000
Total	**$34,761,000**



* - OTHER includes the following funding sources:

- N- Commuter Parking ($241,000)
- P – Private Contributions ($97,000)
- R – Road and Bridge ($400,000)
- C – Capital Projects Fund ($37,000)

Unfunded Projects

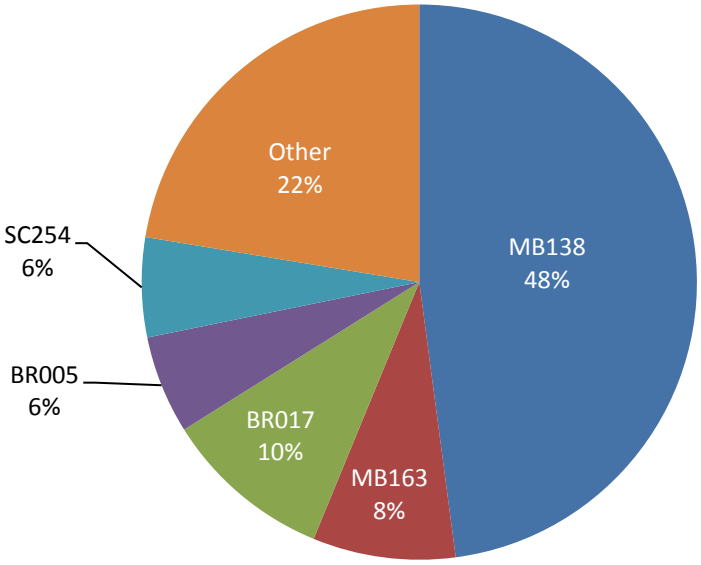
The proposed unfunded projects for FY15-16 total $9,624,000 and consist of sixteen (16) projects. Five (5) projects account for $7,468,000 or 77% of the unfunded spending:

- MB138 - Water Street District Improvements ($4.61 Million)
- MB163 – Downtown Parking Solution – Central Parking Facility ($800,000)
- BR017 – Bridge for Relocated 95th Street Over the DuPage River ($950,000)
- BR005 – North Aurora Underpass at the CN Railroad ($550,000)
- SC254 – Naperville-Wheaton Road: Plank to Burlington ($558,000)

A portion of the debt service costs associated with MB138 and MB163 will be paid back using the downtown food and beverage tax funds.

The following chart and figure illustrate the distribution of unfunded expenditures for FY15-16.

Project #	Cost
MB138	$ 4,610,000
MB163	$ 800,000
BR017	$ 950,000
BR005	$ 550,000
SC254	$ 558,000
Other	$ 2,156,000
Total	**$ 9,624,000**



The remaining $2.156 million of unfunded expenditures for FY15-16 is comprised of the following twelve (12) projects with unfunded amounts ranging between $40,000 and $457,000.

BR031 - $68,000	MP018 - $100,000	TC217 - $293,000
CS006 - $140,000	SC099 - $75,000	TC219 - $325,000
CS014 - $50,000	SC140 - $140,000	TC221 - $40,000
MB035 - $80,000	SC256 - $457,000	
MP004 - $388,000		

Other Government Funding

The proposed other government-funded projects for FY15-16 total $3,241,000, consisting of the following projects:

- BR005 – North Aurora Road Underpass at the CN Railroad (Engineering- $1,640,000)

- TC217 – Centralized Traffic Management System (Construction - $1,347,000)
- CS006 – New Sidewalk Improvements (Construction - $160,000)

The City is seeking funding for BR005 through the Federal Surface Transportation Program (STP) and through Congestion Mitigation and Air Quality (CMAQ) and Surface Transportation Program (STP) grants for TC217. The city has obtained federal funding for CS006 from the Illinois Safe Routes to School Program.

Street Maintenance Improvement Program (MIP) Funding

The Street Maintenance Improvement Program (MIP) consists of resurfacing, crackfilling, micro-surfacing and bituminous patching. As established by the City Council in early 2010, the annual budget for the MIP is $11.6 million.

In FY15-16 the general fund source has been reduced by $1 million dollars to assist with filling a citywide gap in the general fund. This will result in the deferral of street maintenance by backlogging approximately 3 miles of street resurfacing work.

A breakdown of the funding sources for the $10.6 million in FY15-16 is as follows:

• State Motor Fuel Tax		$3.50 million
• Local Motor Fuel Tax		$2.10 million
• General Fund		$4.6 million
• Road and Bridge Fund		$0.40 million
	TOTAL:	***$10.60 million***

FY17-20 Major Project Forecast

The following eight (8) major projects are included in the FY17-20 CIP. Each project has a budget exceeding $1 million and is programmed to begin construction by FY20. Nineteen (19) additional projects of smaller scope or planned to start with initial work phases, such as engineering, are also included within the five-year CIP timeframe (not listed).

- BR007 – South Washington Street Bridge Pedestrian Improvements
- BW015 – Springbrook Prairie to Virgil Gilman Trail
- MB117 – Central Park Master Plan Improvements
- MB142 – Downtown Train Station Bus Drop-off Improvements
- SC033 – North Aurora Road: Frontenac Rd to Weston Ridge Dr
- SC190 – 248th Street: 95th St. to 115th St.
- SC196 – 95th Street and Book Road
- SC216 – East Highlands Area Improvements

Fiscal Year 2014-2015 Accomplishment Highlights

During FY14-15, the TED Business Group accomplished implementing stages of seventeen (17) projects. In some instances, TED also collaborated to implement projects programmed in other departmental capital budgets. These projects and their functions are highlighted below.

Preservation projects, which maintain existing public facilities for efficient use by the community, include:

- MB035 – Municipal Parking Lot Maintenance (Construction)
- MP004 – Sidewalk Repair Program (Construction)
- MP009 – Street Maintenance Improvement Program (Construction)

Reduce Congestion projects, which improve the capacity of the transportation network, include:

- SC220 – Route 59 Improvement: Aurora Avenue to Ferry Road (Construction)
- MB163 – Downtown Parking Solution – Central Parking Facility
- BR017 – Bridge for Relocated 95th Street Over the DuPage River (Construction)
- BR005 - North Aurora Underpass at the CN Railroad (Land)
- MB138 - Water Street District Improvements (Land, Construction)

Safety projects, which ensure the health and welfare of our community by improving public safety, include:

- SC099 – Street Safety Improvement Program (Design/Construction)
- TC195 – Route 59 and Lacrosse (Construction)
- TC219 - 103rd Street and 248th Avenue Traffic Signal (Design)

Stormwater projects, which improve quality of life by reducing stormwater management impacts, include:

- SW025 – Storm Sewer Extension Program (Coordinated with DPW)
- SW026 – Storm Sewer Replacement Program (Coordinated with DPW)

Bicycle and Pedestrian projects, which add to the city's transportation network by promoting alternate modes of transportation, include:

- BR007 – South Washington Street Bridge Pedestrian Improvements (Engineering)
- MP018 – ADA Sidewalk Improvements (Construction)

Environmental Sustainability projects, which reduce environmental impacts through the implementation of green technologies, including:

- SC099 – Street Safety Improvement Program (Construction)
- MB178 – Electric Vehicle Charging Stations (Construction)

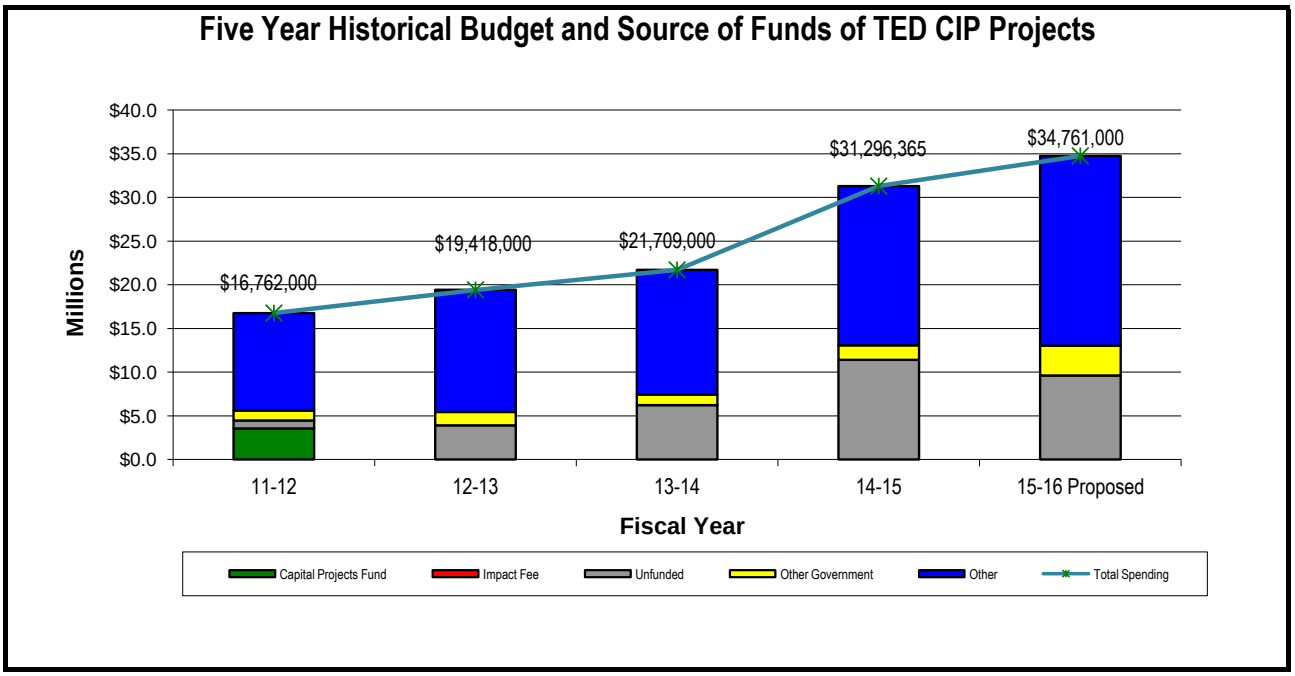
Transportation, Engineering, and Development Business Group
FY16 Proposed CIP

Projects by Functional Area:

Bicycle and Pedestrian Opportunities	$	475,000
Preservation		11,537,000
Reduce Congestion		21,459,000
Safety		1,290,000
	$	**34,761,000**

Revenue Sources:

General Fund	$	4,610,000
Downtown Parking Solution		4,380,000
Developer Contribution		2,005,000
Private Contribution		134,000
Special Assessment (SSA)		106,000
TIF		687,000
Other Government		3,419,000
Commuter Parking Fund		241,000
Local/State Motor Fuel Tax and Road/Bridge Funds		6,000,000
Prior Year Bond		3,555,000
	$	**25,137,000**
Current Unfunded	**$**	**9,624,000**



Transportation, Engineering, and Development Business Group
Projects by Function for FY15-16

Funding Sources:

Project #	Description of Project	General Fund	Downtown Parking Solution	Developer Contribution	Private Contribution	Special Assessment (SSA)	TIF	Other Government	Commuter Parking Fund	Local/State Motor Fuel Tax and Road/Bridge Funds	Prior Year Bond	Unfunded	Grand Total
Bicycle and Pedestrian Opportunities													
CS006	New Sidewalk Improvements	-	-	-	-	-	-	160,000	-	-	-	140,000	**300,000**
MP018	ADA Sidewalk Improvements	-	-	-	-	-	-	-	-	-	-	100,000	**100,000**
CS014	Downtown Streetscape	-	-	-	-	25,000	-	-	-	-	-	50,000	**75,000**
Total		**-**	**-**	**-**	**-**	**25,000**	**-**	**160,000**	**-**	**-**	**-**	**290,000**	**475,000**
Preservation													
MB035	Municipal Parking Lot Maintenance	-	-	-	-	21,000	-	-	241,000	-	-	80,000	**342,000**
MP004	Sidewalk & Curb Replacement Program	10,000	-	-	97,000	60,000	-	-	-	-	-	388,000	**555,000**
MP009	Street Maintenance Improvement Program	4,600,000	-	-	-	-	-	-	-	6,000,000	-	-	**10,600,000**
TC221	Traffic Signal Equipment Replacement Program	-	-	-	-	-	-	-	-	-	-	40,000	**40,000**
Total		**4,610,000**	**-**	**-**	**97,000**	**81,000**	**-**	**-**	**241,000**	**6,000,000**	**-**	**508,000**	**11,537,000**
Reduce Congestion													
BR017	Bridge for Relocated 95th Street Over the DuPage River	-	-	-	-	-	-	-	-	-	-	950,000	**950,000**
BR005	North Aurora Road Underpass at the CN Railroad	-	-	-	-	-	-	1,640,000	-	-	162,000	550,000	**2,352,000**
MB138	Water Street District Improvements	-	4,380,000	-	-	-	687,000	-	-	-	2,783,000	4,610,000	**12,460,000**
TC217	Centralized Traffic Management System	-	-	-	-	-	-	1,347,000	-	-	120,000	293,000	**1,760,000**
MB163	Downtown Parking Solution - Central Parking Facility	-	-	-	-	-	-	-	-	-	-	800,000	**800,000**
SC007	95th Street: EJ&E Railroad to Rt. 59	-	-	340,000	-	-	-	-	-	-	340,000	-	**680,000**
SC140	Naper Blvd and 75th St	-	-	-	-	-		-	-	-	-	140,000	**140,000**
SC254	Naperville-Wheaton Road: Plank to Burlington	-	-	265,000	37,000	-	-	-	-	-	-	558,000	**860,000**
SC256	91st Street: 250th to Schoger	-	-	1,000,000	-	-	-	-	-	-	-	457,000	**1,457,000**
Total		**-**	**4,380,000**	**1,605,000**	**37,000**	**-**	**687,000**	**2,987,000**	**-**	**-**	**3,405,000**	**8,358,000**	**21,459,000**

Transportation, Engineering, and Development Business Group
Projects by Function for FY15-16

Funding Sources:

Project #	Description of Project	General Fund	Downtown Parking Solution	Developer Contribution	Private Contribution	Special Assessment (SSA)	TIF	Other Government	Commuter Parking Fund	Local/State Motor Fuel Tax and Road/Bridge Funds	Prior Year Bond	Unfunded	Grand Total
Safety													
SC099	Street Safety and Improvement Program	-	-	-	-	-	-	-	-	-	-	75,000	**75,000**
TC207	South Downtown Traffic Improvements	-	-	150,000	-	-	-	-	-	-	150,000	-	**300,000**
TC219	103rd Street and 248th Avenue Traffic Signal	-	-	-	-	-	-	-	-	-	-	325,000	**325,000**
SC253	Ogden Avenue and Columbia Street Intersection Improv	-	-	-	-	-	-	-	-	-	-	-	**-**
TC188	Jefferson and Target/Westridge	-	-	250,000	-	-	-	-	-	-	-	-	**250,000**
BR031	Downtown Washington Street Bridge Rehabiliation	-	-	-	-	-	-	272,000	-	-	-	68,000	**340,000**
Total		**-**	**-**	**400,000**	**-**	**-**	**-**	**272,000**	**-**	**-**	**150,000**	**468,000**	**1,290,000**
Grand Total		**$ 4,610,000**	**$ 4,380,000**	**$ 2,005,000**	**$ 134,000**	**$ 106,000**	**$687,000**	**$ 3,419,000**	**$ 241,000**	**$ 6,000,000**	**$ 3,555,000**	**$ 9,624,000**	**$ 34,761,000**

CITY OF NAPERVILLE. ILLINOIS --- SUMMARY OF PROJECT ESTIMATES --- CAPITAL IMPROVEMENTS PROGRAM
PROJECTS EXPRESSED WITH 3% INFLATION FACTOR

Department: **Transportation, Engineering & Development**

	WF #	Estimated Total Cost	Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20
BR005	(none)	Changed - Non Recurring		North Aurora Road Underpass at the CN Railroad				
		162,000	B	162,000	0	0	0	0
		32,068,416	G	1,640,000	0	1,591,350	14,205,451	14,631,615
		4,938,254	U	550,000	0	1,060,900	1,639,091	1,688,263
	Project Total	**37,168,669**		**2,352,000**	**0**	**2,652,250**	**15,844,542**	**16,319,878**
BR007	(none)	Previous Year - No Change		South Washington Street Bridge Pedestrian Improvements				
		927,000	G	0	927,000	0	0	0
		494,000	U	0	494,000	0	0	0
	Project Total	**1,421,000**		**0**	**1,421,000**	**0**	**0**	**0**
BR017	(none)	Previous Year - No Change		Bridge for Relocated 95th Street Over the DuPage River				
		950,000	U	950,000	0	0	0	0
	Project Total	**950,000**		**950,000**	**0**	**0**	**0**	**0**
BR019	(none)	Previous Year - No Change		87th St. Bridge Over Springbrook Creek				
		139,869	G	0	0	0	139,869	0
		34,967	U	0	0	0	34,967	0
	Project Total	**174,836**		**0**	**0**	**0**	**174,836**	**0**
BR031	(none)	Changed - Non Recurring		Downtown Washington Street Bridge Rehabilitation				
		5,311,130	G	272,000	0	288,565	419,607	4,330,958
		2,373,232	U	68,000	515,000	602,591	104,902	1,082,739
	Project Total	**7,684,362**		**340,000**	**515,000**	**891,156**	**524,509**	**5,413,697**
BR032		New		Bridge and Retaining Wall Railing Maintenance				
		130,491	U	0	0	21,218	109,273	0
	Project Total	**130,491**		**0**	**0**	**21,218**	**109,273**	**0**
BW015	(none)	Changed - Non Recurring		Springbrook Prairie to Virgil Gilman Trail				
		1,079,972	U	0	0	190,962	304,871	584,139

A) GENERAL FUND B) G.O. BOND: PRIOR ISSUES C) CAPITAL PROJECTS FUND CF) SPECIAL EVENTS AND CULTURAL AMENITIES FUND D) DEVELOPER CONTRIBUTION E) SPECIAL ASSESSMENT F) WATER UTILITY G) OTHER GOVERNMENT GE) OTHER GOVERNMENT: ENTERPRISE H) MOTOR FUEL TAX IC) IMPACT FEES: CITY IU) IMPACT FEES: CITY UNFUNDED IW) IMPACT FEE: WILL COUNTY J) ELECTRIC UTILITY L) LIBRARY BUILDING RESERVES LH) LOCAL MOTOR FUEL TAX N) BURLINGTON NORTHERN RAILROAD O) DOWNTOWN PARKING SOLUTION OR) OTHER ROAD FUNDING SOURCE P) PRIVATE CONTRIBUTIONS Q) REPLACEMENT FUND R) ROAD & BRIDGE FUND S) SIDEWALK FUND T) OTHER GOVERNMENT: PENDING TF) TIF U) UNFUNDED CAPITAL V) UNFUNDED ELECTRIC W) UNFUNDED WATER

CITY OF NAPERVILLE. ILLINOIS --- SUMMARY OF PROJECT ESTIMATES --- CAPITAL IMPROVEMENTS PROGRAM
PROJECTS EXPRESSED WITH 3% INFLATION FACTOR

Department: **Transportation, Engineering & Development**

	WF #	Estimated Total Cost	Funding Source		FY15-16	FY16-17	FY17-18	FY18-19	FY19-20
	Project Total	**1,079,972**			**0**	**0**	**190,962**	**304,871**	**584,139**
CS006	(none)	Annual		New Sidewalk Improvements					
		160,000	G		160,000	0	0	0	0
		1,340,000	U		140,000	300,000	300,000	300,000	300,000
	Project Total	**1,500,000**			**300,000**	**300,000**	**300,000**	**300,000**	**300,000**
CS009		Changed - Non Recurring		Washington Street Streetscape					
		538,267	U		0	0	37,132	290,665	210,470
	Project Total	**538,267**			**0**	**0**	**37,132**	**290,665**	**210,470**
CS011		Previous Year - No Change		Van Buren Parking Lot Pedestrian Connection					
		60,000	E		0	0	60,000	0	0
	Project Total	**60,000**			**0**	**0**	**60,000**	**0**	**0**
CS014		New		Downtown Streetscape					
		25,000	E		25,000	0	0	0	0
		50,000	U		50,000	0	0	0	0
	Project Total	**75,000**			**75,000**	**0**	**0**	**0**	**0**
MB035	(none)	Recurring		Municipal Parking Lot Maintenance					
		180,000	E		21,000	2,000	136,700	0	20,300
		516,400	N		241,000	94,500	40,100	69,000	71,800
		334,100	U		80,000	76,500	5,500	172,100	0
	Project Total	**1,030,500**			**342,000**	**173,000**	**182,300**	**241,100**	**92,100**
MB117	(none)	Changed - Non Recurring		Central Park Master Plan Improvements					
		1,402,031	CF		0	133,900	509,232	590,073	168,826
	Project Total	**1,402,031**			**0**	**133,900**	**509,232**	**590,073**	**168,826**
MB138	none	Changed - Non Recurring		Water Street District Improvements					

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CITY OF NAPERVILLE. ILLINOIS --- SUMMARY OF PROJECT ESTIMATES --- CAPITAL IMPROVEMENTS PROGRAM
PROJECTS EXPRESSED WITH 3% INFLATION FACTOR

Department: **Transportation, Engineering & Development**

	WF #	Estimated Total Cost	Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20
		2,783,000	B	2,783,000	0	0	0	0
		4,380,000	O	4,380,000	0	0	0	0
		687,000	TF	687,000	0	0	0	0
		5,910,000	U	4,610,000	1,300,000	0	0	0
	Project Total	**13,760,000**		**12,460,000**	**1,300,000**	**0**	**0**	**0**
MB142	(none)	Changed - Non Recurring		Downtown Train Station Bus Drop-off Improvements				
		1,000,000	G	0	0	1,000,000	0	0
		295,000	N	0	75,000	220,000	0	0
	Project Total	**1,295,000**		**0**	**75,000**	**1,220,000**	**0**	**0**
MB163	(none)	Changed - Non Recurring		Downtown Parking Solution - Central Parking Facility				
		36,422,550	U	800,000	14,935,000	20,687,550	0	0
	Project Total	**36,422,550**		**800,000**	**14,935,000**	**20,687,550**	**0**	**0**
MB178	(none)	Changed - Non Recurring		Electrical Vehicle Charging Stations				
		62,727	U	0	30,900	31,827	0	0
	Project Total	**62,727**		**0**	**30,900**	**31,827**	**0**	**0**
MB179	(none)	Changed - Non Recurring		Electronic Building Permit Submittals (E-Permits)				
		206,000	U	0	0	206,000	0	0
	Project Total	**206,000**		**0**	**0**	**206,000**	**0**	**0**
MB192	(none)	Changed - Non Recurring		Naper Boulevard Retaining Wall Renovation				
		216,867	U	0	20,600	196,267	0	0
	Project Total	**216,867**		**0**	**20,600**	**196,267**	**0**	**0**
MP004	(none)	Annual		Sidewalk & Curb Replacement Program				
		50,000	A	10,000	10,000	10,000	10,000	10,000
		120,000	E	60,000	60,000	0	0	0
		485,000	P	97,000	97,000	97,000	97,000	97,000

A) GENERAL FUND B) G.O. BOND: PRIOR ISSUES C) CAPITAL PROJECTS FUND CF) SPECIAL EVENTS AND CULTURAL AMENITIES FUND D) DEVELOPER CONTRIBUTION E) SPECIAL ASSESSMENT F) WATER UTILITY G) OTHER GOVERNMENT GE) OTHER GOVERNMENT: ENTERPRISE H) MOTOR FUEL TAX IC) IMPACT FEES: CITY IU) IMPACT FEES: CITY UNFUNDED IW) IMPACT FEE: WILL COUNTY J) ELECTRIC UTILITY L) LIBRARY BUILDING RESERVES LH) LOCAL MOTOR FUEL TAX N) BURLINGTON NORTHERN RAILROAD O) DOWNTOWN PARKING SOLUTION OR) OTHER ROAD FUNDING SOURCE P) PRIVATE CONTRIBUTIONS Q) REPLACEMENT FUND R) ROAD & BRIDGE FUND S) SIDEWALK FUND T) OTHER GOVERNMENT: PENDING TF) TIF U) UNFUNDED CAPITAL V) UNFUNDED ELECTRIC W) UNFUNDED WATER

CITY OF NAPERVILLE. ILLINOIS --- SUMMARY OF PROJECT ESTIMATES --- CAPITAL IMPROVEMENTS PROGRAM
PROJECTS EXPRESSED WITH 3% INFLATION FACTOR

Department: **Transportation, Engineering & Development**

	WF #	Estimated Total Cost	Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20
		1,940,000	U	388,000	388,000	388,000	388,000	388,000
	Project Total	**2,595,000**		**555,000**	**555,000**	**495,000**	**495,000**	**495,000**
MP009	(none)	Annual		Street Maintenance Improvement Program				
		25,837,000	A	4,600,000	4,834,000	5,203,000	5,600,000	5,600,000
		1,163,000	G	0	766,000	397,000	0	0
		17,500,000	H	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000
		10,500,000	LH	2,100,000	2,100,000	2,100,000	2,100,000	2,100,000
		2,000,000	R	400,000	400,000	400,000	400,000	400,000
	Project Total	**57,000,000**		**10,600,000**	**11,600,000**	**11,600,000**	**11,600,000**	**11,600,000**
MP014	(none)	New		Guardrail Upgrade				
		120,000	U	0	40,000	40,000	40,000	0
	Project Total	**120,000**		**0**	**40,000**	**40,000**	**40,000**	**0**
MP016	(none)	Recurring		Bikeway System Maintenance Program				
		200,000	U	0	100,000	0	0	100,000
	Project Total	**200,000**		**0**	**100,000**	**0**	**0**	**100,000**
MP018	(none)	Recurring		ADA Sidewalk Improvements				
		500,000	U	100,000	100,000	100,000	100,000	100,000
	Project Total	**500,000**		**100,000**	**100,000**	**100,000**	**100,000**	**100,000**
SC007	(none)	Changed - Non Recurring		95th Street: EJ&E Railroad to Rt. 59				
		340,000	B	340,000	0	0	0	0
		941,000	D	340,000	0	0	601,000	0
		601,000	U	0	0	0	601,000	0
	Project Total	**1,882,000**		**680,000**	**0**	**0**	**1,202,000**	**0**
SC033	(none)	Changed - Non Recurring		North Aurora Road.: Frontenac Rd. to Weston Ridge Dr.				
		8,127,086	G	0	154,500	371,315	163,909	7,437,362

A) GENERAL FUND B) G.O. BOND: PRIOR ISSUES C) CAPITAL PROJECTS FUND CF) SPECIAL EVENTS AND CULTURAL AMENITIES FUND D) DEVELOPER CONTRIBUTION E) SPECIAL ASSESSMENT F) WATER UTILITY G) OTHER GOVERNMENT GE) OTHER GOVERNMENT: ENTERPRISE H) MOTOR FUEL TAX IC) IMPACT FEES: CITY IU) IMPACT FEES: CITY UNFUNDED IW) IMPACT FEE: WILL COUNTY J) ELECTRIC UTILITY L) LIBRARY BUILDING RESERVES LH) LOCAL MOTOR FUEL TAX N) BURLINGTON NORTHERN RAILROAD O) DOWNTOWN PARKING SOLUTION OR) OTHER ROAD FUNDING SOURCE P) PRIVATE CONTRIBUTIONS Q) REPLACEMENT FUND R) ROAD & BRIDGE FUND S) SIDEWALK FUND T) OTHER GOVERNMENT: PENDING TF) TIF U) UNFUNDED CAPITAL V) UNFUNDED ELECTRIC W) UNFUNDED WATER

CITY OF NAPERVILLE. ILLINOIS --- SUMMARY OF PROJECT ESTIMATES --- CAPITAL IMPROVEMENTS PROGRAM
PROJECTS EXPRESSED WITH 3% INFLATION FACTOR

Department: **Transportation, Engineering & Development**

	WF #	Estimated Total Cost	Funding Source		FY15-16	FY16-17	FY17-18	FY18-19	FY19-20
		4,685,412	U		0	669,500	689,585	622,854	2,703,472
	Project Total	**12,812,498**			**0**	**824,000**	**1,060,900**	**786,763**	**10,140,834**
SC099	(none)	Annual		Street Safety and Improvement Program					
		375,000	U		75,000	75,000	75,000	75,000	75,000
	Project Total	**375,000**			**75,000**	**75,000**	**75,000**	**75,000**	**75,000**
SC140	(none)	New		Naper Blvd and 75th St					
		140,000	U		140,000	0	0	0	0
	Project Total	**140,000**			**140,000**	**0**	**0**	**0**	**0**
SC162	(none)	Previous Year - No Change		Rt. 34 and North Aurora Rd./ Raymond Dr.					
		586,794	G		0	0	0	586,794	0
		293,944	U		0	0	0	293,944	0
	Project Total	**880,738**			**0**	**0**	**0**	**880,738**	**0**
SC164	(none)	Previous Year - No Change		Route 34 and Aurora Avenue					
		497,191	G		0	0	0	497,191	0
		497,191	U		0	0	0	497,191	0
	Project Total	**994,382**			**0**	**0**	**0**	**994,382**	**0**
SC190	(none)	Previous Year - No Change		248th Avenue: 95th St. to 115th St.					
		6,837,288	U		0	0	106,090	6,731,198	0
	Project Total	**6,837,288**			**0**	**0**	**106,090**	**6,731,198**	**0**
SC196	(none)	Previous Year - No Change		95th Street and Book Road					
		2,319,276	U		0	118,450	252,494	1,948,332	0
	Project Total	**2,319,276**			**0**	**118,450**	**252,494**	**1,948,332**	**0**
SC216	(none)	Previous Year - No Change		East Highland Area Improvements					
		5,736,218	U		0	0	63,654	0	5,672,564

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CITY OF NAPERVILLE. ILLINOIS --- SUMMARY OF PROJECT ESTIMATES --- CAPITAL IMPROVEMENTS PROGRAM
PROJECTS EXPRESSED WITH 3% INFLATION FACTOR

Department: **Transportation, Engineering & Development**

	WF #	Estimated Total Cost	Funding Source		FY15-16	FY16-17	FY17-18	FY18-19	FY19-20
	Project Total	**5,736,218**			**0**	**0**	**63,654**	**0**	**5,672,564**
SC230	(none)	Previous Year - No Change		Aurora Avenue and Washington Street					
		280,345	U		0	61,800	0	218,545	0
	Project Total	**280,345**			**0**	**61,800**	**0**	**218,545**	**0**
SC252		Changed - Non Recurring		Frontenac Road Extension					
		51,500	U		0	51,500	0	0	0
	Project Total	**51,500**			**0**	**51,500**	**0**	**0**	**0**
SC253		Changed - Non Recurring		Ogden Avenue and Columbia Street Intersection Improvement					
		96,820	G		0	96,820	0	0	0
		83,430	U		0	83,430	0	0	0
	Project Total	**180,250**			**0**	**180,250**	**0**	**0**	**0**
SC254		New		Naperville-Wheaton Road: Plank to Burlington					
		37,000	C		37,000	0	0	0	0
		265,000	D		265,000	0	0	0	0
		558,000	U		558,000	0	0	0	0
	Project Total	**860,000**			**860,000**	**0**	**0**	**0**	**0**
SC256		New		91st Street: 250th to Schoger					
		1,000,000	D		1,000,000	0	0	0	0
		457,000	U		457,000	0	0	0	0
	Project Total	**1,457,000**			**1,457,000**	**0**	**0**	**0**	**0**
SW028		New		Clow Creek Farm Drainage Improvements					
		359,161	U		0	51,500	307,661	0	0
	Project Total	**359,161**			**0**	**51,500**	**307,661**	**0**	**0**
SW031		New		East Highlands (South Steeple Run Watershed) Stormwater Improvements					

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CITY OF NAPERVILLE. ILLINOIS --- SUMMARY OF PROJECT ESTIMATES --- CAPITAL IMPROVEMENTS PROGRAM
PROJECTS EXPRESSED WITH 3% INFLATION FACTOR

Department: **Transportation, Engineering & Development**

	WF #	Estimated Total Cost	Funding Source		FY15-16	FY16-17	FY17-18	FY18-19	FY19-20
		159,135	U		0	0	159,135	0	0
	Project Total	**159,135**			**0**	**0**	**159,135**	**0**	**0**
TC166	(none)	Changed - Non Recurring		Mill Street and Diehl Commons Road					
		82,503	G		0	8,240	74,263	0	0
		285,671	U		0	25,750	259,921	0	0
	Project Total	**368,174**			**0**	**33,990**	**334,184**	**0**	**0**
TC188	(none)	Changed - Non Recurring		Jefferson and Target/Westridge					
		250,000	D		250,000	0	0	0	0
	Project Total	**250,000**			**250,000**	**0**	**0**	**0**	**0**
TC193	(none)	Previous Year - No Change		Ogden Avenue Corridor Enhancement Initiative					
		112,500	U		0	0	112,500	0	0
	Project Total	**112,500**			**0**	**0**	**112,500**	**0**	**0**
TC200		New		Diehl Road and Country Club Boulevard Traffic Signal					
		386,302	U		0	30,900	355,402	0	0
	Project Total	**386,302**			**0**	**30,900**	**355,402**	**0**	**0**
TC207		Changed - Non Recurring		South Downtown Traffic Improvements					
		150,000	B		150,000	0	0	0	0
		150,000	D		150,000	0	0	0	0
	Project Total	**300,000**			**300,000**	**0**	**0**	**0**	**0**
TC212	(none)	Changed - Non Recurring		Downtown Wayfinding					
		228,042	E		0	37,080	190,962	0	0
	Project Total	**228,042**			**0**	**37,080**	**190,962**	**0**	**0**
TC217	(none)	Changed - Non Recurring		Centralized Traffic Management System					
		120,000	B		120,000	0	0	0	0

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CITY OF NAPERVILLE. ILLINOIS --- SUMMARY OF PROJECT ESTIMATES --- CAPITAL IMPROVEMENTS PROGRAM
PROJECTS EXPRESSED WITH 3% INFLATION FACTOR

Department: **Transportation, Engineering & Development**

	WF #	Estimated Total Cost	Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20
		2,467,000	G	1,347,000	1,120,000	0	0	0
		573,000	U	293,000	280,000	0	0	0
	Project Total	**3,160,000**		**1,760,000**	**1,400,000**	**0**	**0**	**0**
TC218	(none)	Changed - Non Recurring		95th Street and Knoch Knolls Road Traffic Signal				
		309,000	U	0	309,000	0	0	0
	Project Total	**309,000**		**0**	**309,000**	**0**	**0**	**0**
TC219		Previous Year - No Change		103rd Street and 248th Avenue Traffic Signal				
		325,000	U	325,000	0	0	0	0
	Project Total	**325,000**		**325,000**	**0**	**0**	**0**	**0**
TC221		New		Traffic Signal Equipment Replacement Program				
		200,000	U	40,000	40,000	40,000	40,000	40,000
	Project Total	**200,000**		**40,000**	**40,000**	**40,000**	**40,000**	**40,000**
TC222		New		Mill Street School Traffic Signal				
		183,340	G	0	183,340	0	0	0
		183,340	U	0	183,340	0	0	0
	Project Total	**366,680**		**0**	**366,680**	**0**	**0**	**0**
	Department Total	**206,923,761**		**34,761,000**	**34,879,550**	**42,478,874**	**43,491,827**	**51,312,509**

A) GENERAL FUND B) G.O. BOND: PRIOR ISSUES C) CAPITAL PROJECTS FUND CF) SPECIAL EVENTS AND CULTURAL AMENITIES FUND D) DEVELOPER CONTRIBUTION E) SPECIAL ASSESSMENT F) WATER UTILITY G) OTHER GOVERNMENT GE) OTHER GOVERNMENT: ENTERPRISE H) MOTOR FUEL TAX IC) IMPACT FEES: CITY IU) IMPACT FEES: CITY UNFUNDED IW) IMPACT FEE: WILL COUNTY J) ELECTRIC UTILITY L) LIBRARY BUILDING RESERVES LH) LOCAL MOTOR FUEL TAX N) BURLINGTON NORTHERN RAILROAD O) DOWNTOWN PARKING SOLUTION OR) OTHER ROAD FUNDING SOURCE P) PRIVATE CONTRIBUTIONS Q) REPLACEMENT FUND R) ROAD & BRIDGE FUND S) SIDEWALK FUND T) OTHER GOVERNMENT: PENDING TF) TIF U) UNFUNDED CAPITAL V) UNFUNDED ELECTRIC W) UNFUNDED WATER

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New Projects

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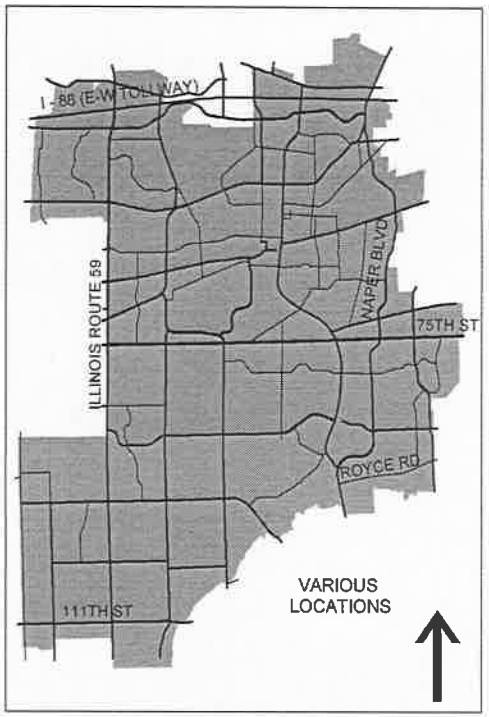
Project Number: BR032 **Project Title:** Bridge and Retaining Wall Railing Maintenance
Department Name: Transportation, Engineering & Development **CIP Status:** New **Category Code:** C **Sector:** Various
Criteria **WF Number:**
Infrastructure Maintenance/Preservation, Need

Project Purpose:
This project supports implementation of the Traffic Safety component of the Comprehensive Transportation Plan.
FUNCTION(S): Preservation, Safety.

Project Narrative:
This project will renovate existing pedestrian bridge railings. Renovation methods to address rusting and deterioration will involve re-coating and painting, along with repair of hardware and fasteners as needed. Examples of bridges in need of work are Eagle, Hillside, and Gartner. Costs to renovate the current bridges in need of work are expected to range from $75,000 to $120,000 in aggregate.



External Funding Sources Available
None

Projected Timetable
Engineering in FY17-18 and Construction in FY18-19.

Impact on Operating Budget
This project is an asset replacement and has no new operating expenses.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

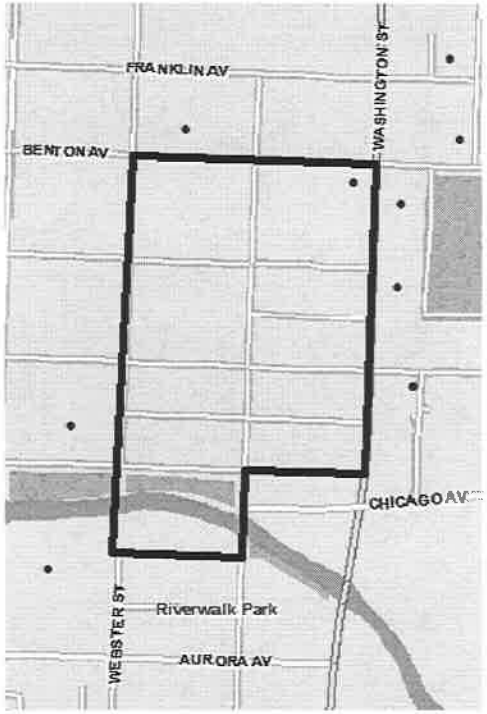
Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	0	0	21,218	109,273	0	130,491
Subtotal	0	0	21,218	109,273	0	130,491
					Prior Year(s) Expenditures	0
					Total All Sources	130,491

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	0	0	0	0	109,273	0	109,273
Engineering	0	0	0	0	0	21,218	0	0	21,218
Subtotal	0	0	0	0	0	21,218	109,273	0	130,491
								Prior Year(s) Expenditures	0
								Total Project Cost	130,491

Project Number: CS014 **Project Title:** Downtown Streetscape
Department Name: Transportation, Engineering & Development **CIP Status:** New **Category Code:** C **Sector:** Northwest
Project Purpose: **Criteria** **WF Number:**
This project supports the implementation of the Downtown Plan. FUNCTION(S): Bicycle and Pedestrian. Investment, Need

Project Narrative:
This project involves the design and construction of improvements to renovate the streetscape in the Downtown Central Business District. The work will include the installation of new sidewalks, curbs and parkway features as defined by the Naperville Downtown 2030 Plan Guidelines. Coordination will occur with utility upgrades necessary to support changing energy, water, sewer, and communication needs. NOTE: The initial phase of the project will be a study that will inventory existing streetscape, develop the new standards (festival, alley, arterial, etc.), establish the "Streetscape Maintenance and Rehabilitation Plan", outline priorities for future installations and identify potential funding sources. This project was initiated and supported by a vote at DAC in September 2014.



External Funding Sources Available
None

Projected Timetable
Feasibility Study will be conducted in FY15-16. Future phases and budget to be determined through the study.

Impact on Operating Budget
The impact on the operating budget will be determined when the scope of improvements is identified.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
SSA Fund	25,000	0	0	0	0	25,000
Unfunded Capital	50,000	0	0	0	0	50,000
Subtotal	75,000	0	0	0	0	75,000
					Prior Year(s) Expenditures	0
					Total All Sources	75,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Engineering	0	0	0	75,000	0	0	0	0	75,000
Subtotal	0	0	0	75,000	0	0	0	0	75,000
								Prior Year(s) Expenditures	0
								Total Project Cost	75,000

Project Number: MP014 **Project Title:** Guardrail Upgrade

Department Name: Transportation, Engineering & Development **CIP Status:** New **Category Code:** B **Sector:** Various

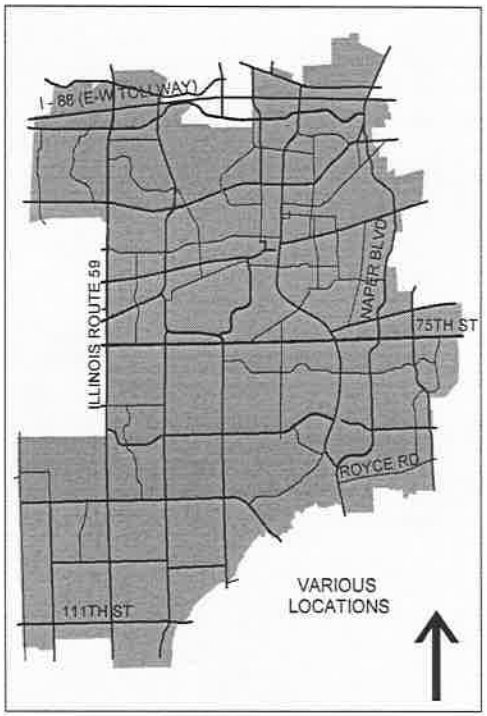
Criteria Need **WF Number:** (none)

Project Purpose:

This project supports the implementation of the Traffic Safety component of the Comprehensive Transportation Plan. FUNCTION(S): Preservation, and Safety.

Project Narrative:

The terminal ends of existing guardrails in the City are in need of replacement to comply with current standard. The new terminal ends will be better crashworthy end terminals which will provide an acceptable level of safety. The city currently have 90 end sections which will be replaced over three years.



External Funding Sources Available

None

Projected Timetable

Construction in FY16-17, FY17-18 and FY18-19.

Impact on Operating Budget

This project is an asset replacement and has no new operating expenses.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	0	40,000	40,000	40,000	0	120,000
Subtotal	0	40,000	40,000	40,000	0	120,000
					Prior Year(s) Expenditures	0
					Total All Sources	120,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	0	0	40,000	40,000	40,000	0	120,000
Subtotal	0	0	0	0	40,000	40,000	40,000	0	120,000
								Prior Year(s) Expenditures	0
								Total Project Cost	120,000

Project Number: SC140 **Project Title:** Naper Blvd and 75th St

Department Name: Transportation, Engineering & Development **CIP Status:** New

Category Code: LR **Sector:** Southwest

Criteria **WF Number:** (none)

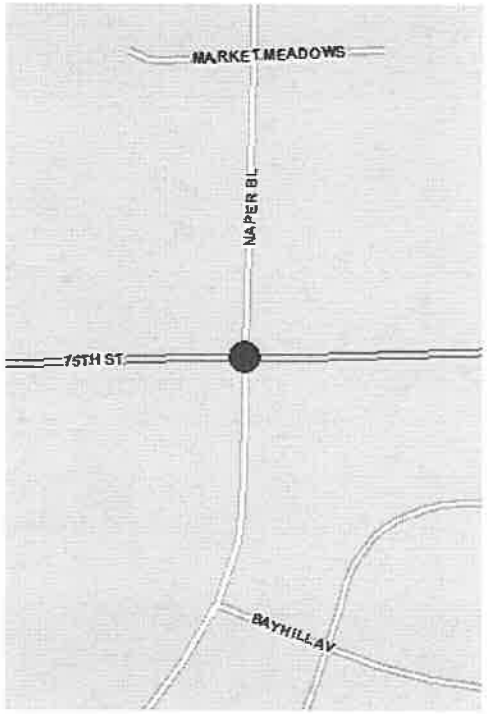
Coordination, Investment, Need

Project Purpose:

The project supports the implementation of the Road Improvement Plan and the Traffic Safety component of the Comprehensive Transportation Plan. FUNCTION(S): Reduce Congestion and Safety.

Project Narrative:

This project includes purchase of a strip of land 20 feet wide along the west side of Naper Blvd from the proposed Heatherfield subdivision for the future intersection improvements.



External Funding Sources Available

None.

Projected Timetable

Land Acquisition in FY16.

Impact on Operating Budget

The additional land will not impact current operating costs.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	140,000	0	0	0	0	140,000
Subtotal	140,000	0	0	0	0	140,000
					Prior Year(s) Expenditures	0
					Total All Sources	140,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Land Acquisition	0	0	0	140,000	0	0	0	0	140,000
Subtotal	0	0	0	140,000	0	0	0	0	140,000
								Prior Year(s) Expenditures	0
								Total Project Cost	140,000

Project Number: SC254 **Project Title:** Naperville-Wheaton Road: Plank to Burlington

Department Name: Transportation, Engineering & Development **CIP Status:** New **Category Code:** LR **Sector:** Northeast

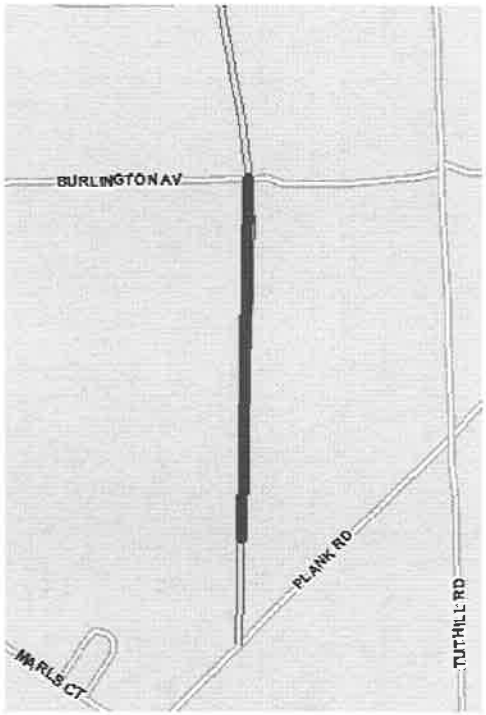
Project Purpose:

This project supports the implementation of the Master Thoroughfare component of the Comprehensive Transportation Plan. FUNCTION(S): Reduce Congestion and Safety.

Criteria Coordination, Need **WF Number:**

Project Narrative:

The City is required to reimburse the developer of the Burlington Meadows subdivision for roadway upgrade costs that are not attributable to the development. This project provides the funding for the reimbursement.



External Funding Sources Available

Developer Contribution

Projected Timetable

Construction in FY15-16.

Impact on Operating Budget

This project will add 0.4 lanes miles to the City's system, increasing pavement maintenance and snow plowing costs $640 per year for the entire road. The cost will be $640 beginning in FY15-16.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	640	640	640	640	640	3,200
Subtotal	640	640	640	640	640	3,200
					Prior Year(s) Impact	0
					Total Project Impact	3,200

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Capital Projects Fund	37,000	0	0	0	0	37,000
Developer Contribution	265,000	0	0	0	0	265,000
Unfunded Capital	558,000	0	0	0	0	558,000
Subtotal	860,000	0	0	0	0	860,000
					Prior Year(s) Expenditures	0
					Total All Sources	860,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	0	860,000	0	0	0	0	860,000
Subtotal	0	0	0	860,000	0	0	0	0	860,000
								Prior Year(s) Expenditures	0
								Total Project Cost	860,000

Project Number: SC256 **Project Title:** 91st Street: 250th to Schoger

Department Name: Transportation, Engineering & Development **CIP Status:** New **Category Code:** LR **Sector:** Southwest

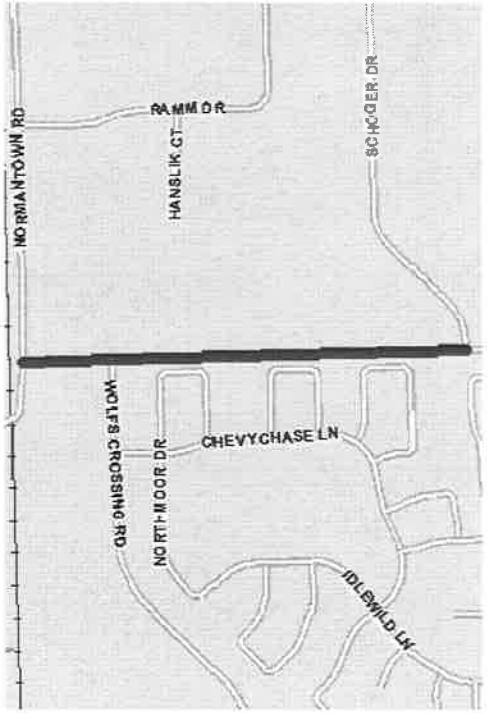
Project Purpose:

This project supports the implementation of the Master Thoroughfare component of the Comprehensive Transportation Plan. FUNCTION(S): Reduce Congestion, Safety.

Criteria Mandate, Need **WF Number:**

Project Narrative:

This project will complete 91st Street from 250th Street to Schoger Drive. This road will be improved to City collector street standards. The road will be reconstructed to provide improved access to the adjacent subdivision and business park. NOTE: This is a new project to complete roadway improvements using developer money recovered from the developer's bond company.



External Funding Sources Available

Developer's Bond

Projected Timetable

Contruction and Construction Engineering in FY15-16.

Impact on Operating Budget

This project will add 1.2 lane miles of pavement, increasing maintenance and snow plowing costs $2040 per year. The street lights will add $480 per year in energy and maintenance costs.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	2,520	2,520	2,520	2,520	2,520	12,600
Subtotal	2,520	2,520	2,520	2,520	2,520	12,600
					Prior Year(s) Impact	0
					Total Project Impact	12,600

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Developer Contribution	1,000,000	0	0	0	0	1,000,000
Unfunded Capital	457,000	0	0	0	0	457,000
Subtotal	1,457,000	0	0	0	0	1,457,000
					Prior Year(s) Expenditures	0
					Total All Sources	1,457,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	0	1,382,000	0	0	0	0	1,382,000
Engineering	0	0	0	75,000	0	0	0	0	75,000
Subtotal	0	0	0	1,457,000	0	0	0	0	1,457,000
								Prior Year(s) Expenditures	0
								Total Project Cost	1,457,000

Project Number: SW028 **Project Title:** Clow Creek Farm Drainage Improvements

Department Name: Transportation, Engineering & Development **CIP Status:** New **Category Code:** C **Sector:** Southwest

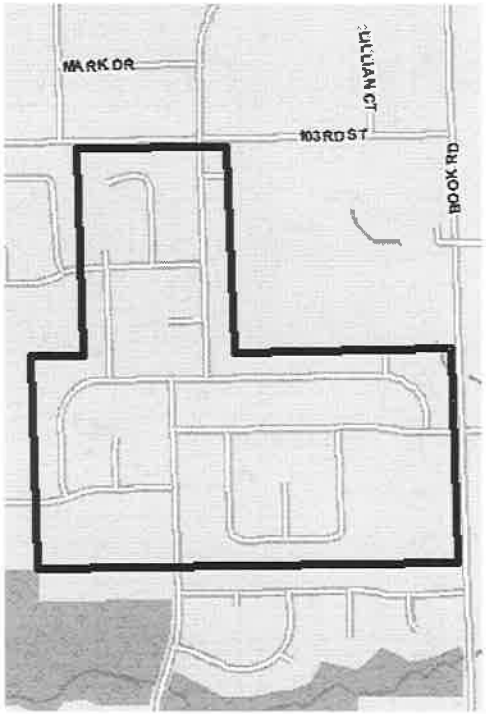
Criteria Need **WF Number:**

Project Purpose:

This project is initiated in response to citizen concerns regarding street flooding in the Clow Creek Farm subdivision.
FUNCTION(S): Stormwater.

Project Narrative:

The scope of improvements was developed in cooperation with a neighborhood work group. This project will implement several drainage improvements, including manhole controls for the Whispering Lakes detention pond and additional storm sewer capacity for Clow Creek Farm Unit 2. NOTE: This project is new as a result of the April 2013 rain event.



External Funding Sources Available

None

Projected Timetable

Design Engineering in FY16-17. Construction in FY17-18.

Impact on Operating Budget

This work increases maintenance costs needed to maintain the storm sewer and stormwater control features.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	450	450	450	1,350
Subtotal	0	0	450	450	450	1,350
					Prior Year(s) Impact	0
					Total Project Impact	1,350

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	0	51,500	307,661	0	0	359,161
Subtotal	0	51,500	307,661	0	0	359,161
					Prior Year(s) Expenditures	0
					Total All Sources	359,161

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	0	0	0	307,661	0	0	307,661
Engineering	0	0	0	0	51,500	0	0	0	51,500
Subtotal	0	0	0	0	51,500	307,661	0	0	359,161
								Prior Year(s) Expenditures	0
								Total Project Cost	359,161

Project Number: SW031 **Project Title:** East Highlands (South Steeple Run Watershed) Stormwater Improvements

Department Name: Transportation, Engineering & Development **CIP Status:** New **Category Code:** C **Sector:** Northeast

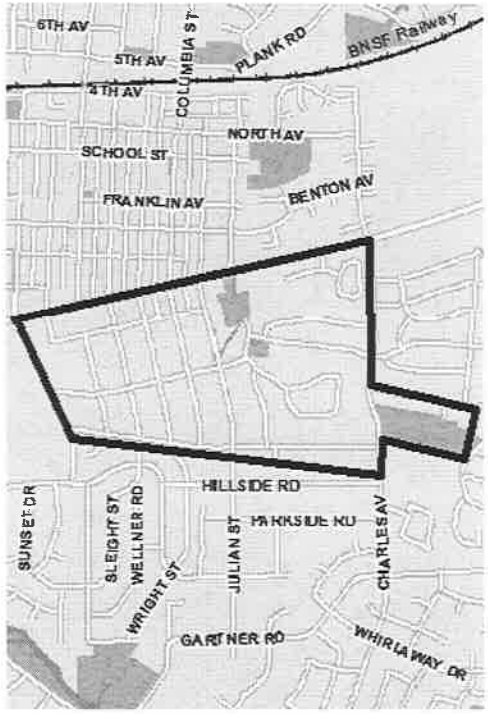
Project Purpose:

This project is initiated in response to citizen concerns regarding street flooding in the East Highlands. FUNCTION(S): Stormwater

Criteria Stormwater Improvements, Need **WF Number:**

Project Narrative:

This project will study existing stormwater conditions in the East Highlands portion of the South Steeple Run watershed, including Porter, Julian, and Charles. This project will develop conceptual solutions to reduce street flooding and prevent home inundation. NOTE: This project is new as a result of the April 2013 rain event. Future project phases will be funded and scheduled following completion of the preliminary engineering.



External Funding Sources Available

None

Projected Timetable

Preliminary Engineering FY17-18.

Impact on Operating Budget

The impact on the operating budget will be determined when the scope of the improvements is identified.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	0	0	159,135	0	0	159,135
Subtotal	0	0	159,135	0	0	159,135
					Prior Year(s) Expenditures	0
					Total All Sources	159,135

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Engineering	0	0	0	0	0	159,135	0	0	159,135
Subtotal	0	0	0	0	0	159,135	0	0	159,135
								Prior Year(s) Expenditures	0
								Total Project Cost	159,135

Project Number: TC200 **Project Title:** Diehl Road and Country Club Boulevard Traffic Signal

Department Name: Transportation, Engineering & Development **CIP Status:** New **Category Code:** C **Sector:** Northwest

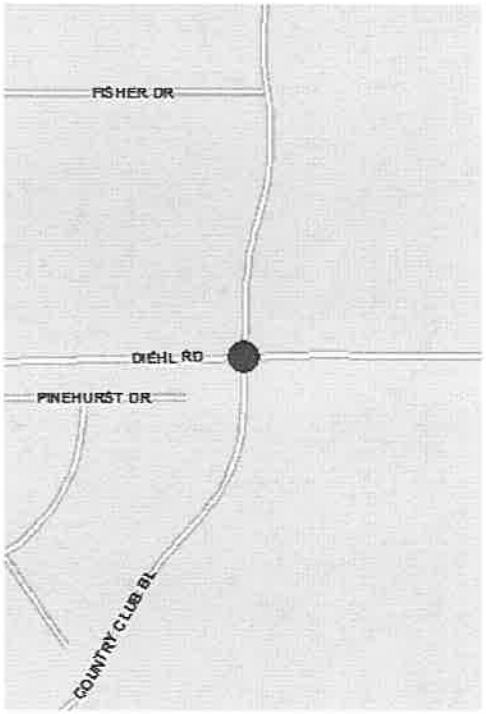
Criteria Coordination, Need **WF Number:**

Project Purpose:

This project supports the implementation of the Traffic Safety component of the Comprehensive Transportation Plan. FUNCTION(S): Safety.

Project Narrative:

This project includes the installation of a new traffic signal at the intersection of Diehl Road and Country Club Boulevard with interconnect to the existing traffic signals at IL59 and Diehl Rd. A signal warrant analysis conducted in 2014 indicates that the intersection meets traffic volume warrants for the installation of a traffic signal.



External Funding Sources Available

None

Projected Timetable

Design Engineering in FY16-17. Construction and Construction Engineering in FY17-18.

Impact on Operating Budget

This project will add annual traffic signal maintenance and operating costs estimated at $2,440 beginning in FY17-18.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	2,440	2,440	2,440	7,320
Subtotal	0	0	2,440	2,440	2,440	7,320
					Prior Year(s) Impact	0
					Total Project Impact	7,320

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	0	30,900	355,402	0	0	386,302
Subtotal	0	30,900	355,402	0	0	386,302
					Prior Year(s) Expenditures	0
					Total All Sources	386,302

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	0	0	0	318,270	0	0	318,270
Engineering	0	0	0	0	30,900	37,132	0	0	68,032
Subtotal	0	0	0	0	30,900	355,402	0	0	386,302
								Prior Year(s) Expenditures	0
								Total Project Cost	386,302

Project Number: TC221 **Project Title:** Traffic Signal Equipment Replacement Program

Department Name: Transportation, Engineering & Development **CIP Status:** New **Category Code:** B **Sector:** Various

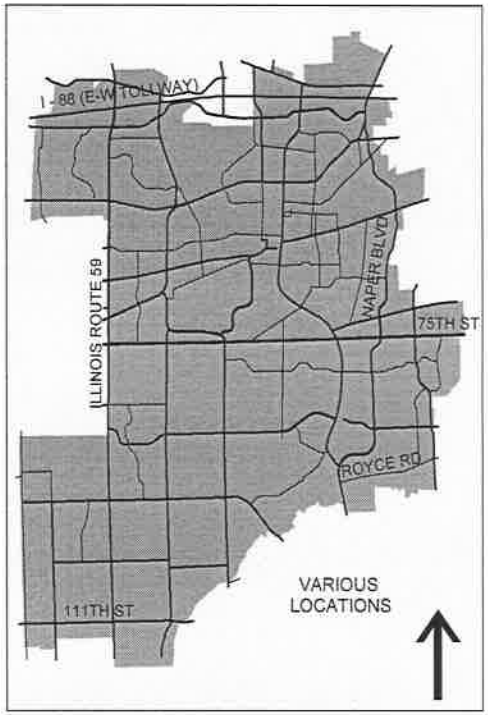
Criteria Coordination, Need **WF Number:**

Project Purpose:

This project supports the implementation of the Traffic Safety component of the Comprehensive Transportation Plan. FUNCTION(S): Safety and Preservation.

Project Narrative:

This project includes the replacement of broken or outdated traffic signal components. With the increasing age of the City's traffic signals, the need for replacement of various higher cost signal equipment has also grown. Minor items can be replaced under the traffic signal maintenance contract. However, a separate budget is needed for replacement of more costly equipment. For FY15-16, the work involves the replacement of the video detection system at the intersection of 95th and Cedar Glade.



External Funding Sources Available

None.

Projected Timetable

This is a recurring project.

Impact on Operating Budget

This work will replace existing traffic signal equipment. Thus there is no change in in current operating expenses.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	40,000	40,000	40,000	40,000	40,000	200,000
Subtotal	40,000	40,000	40,000	40,000	40,000	200,000
					Prior Year(s) Expenditures	0
					Total All Sources	200,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	0	40,000	40,000	40,000	40,000	40,000	200,000
Subtotal	0	0	0	40,000	40,000	40,000	40,000	40,000	200,000
								Prior Year(s) Expenditures	0
								Total Project Cost	200,000

Project Number: TC222 **Project Title:** Mill Street School Traffic Signal

Department Name: Transportation, Engineering & Development **CIP Status:** New **Category Code:** A **Sector:** Northeast

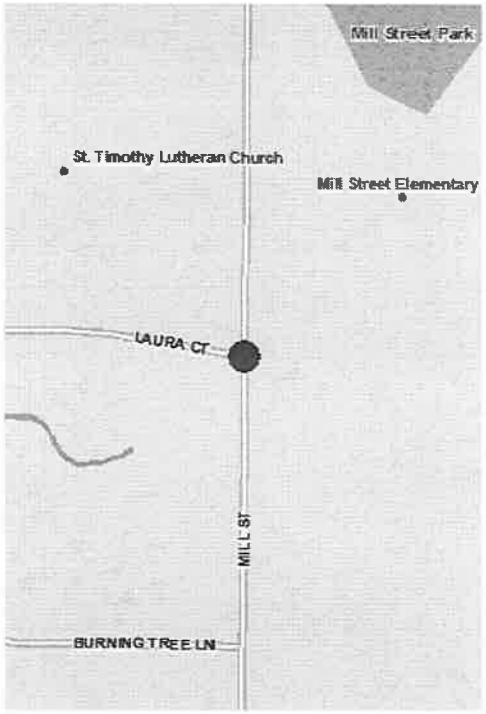
Project Purpose:

This project supports the implementation of the Traffic Safety component of the Comprehensive Transportation Plan.
FUNCTION(S): Safety.

Criteria Funding, Investment, Need **WF Number:**

Project Narrative:

The purpose of the project is to design and install a new traffic signal for the Mill Street School crosswalk near Laura Court. School District 203 asked the City to evaluate signalization of this location to enhance the existing pedestrian crosswalk on Mill Street for the Mill Street School. The School District has requested that the City fund 50% of the cost to install this traffic signal.



External Funding Sources Available

School District 203

Projected Timetable

Design Engineering and Construction in FY16-17.

Impact on Operating Budget

The new signal will add annual maintenance and energy costs of $2,440.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	2,440	2,440	2,440	2,440	9,760
Subtotal	0	2,440	2,440	2,440	2,440	9,760
					Prior Year(s) Impact	0
					Total Project Impact	9,760

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Other Government	0	183,340	0	0	0	183,340
Unfunded Capital	0	183,340	0	0	0	183,340
Subtotal	0	366,680	0	0	0	366,680
					Prior Year(s) Expenditures	0
					Total All Sources	366,680

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	0	0	335,780	0	0	0	335,780
Engineering	0	0	0	0	30,900	0	0	0	30,900
Subtotal	0	0	0	0	366,680	0	0	0	366,680
								Prior Year(s) Expenditures	0
								Total Project Cost	366,680

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Non-Recurring Projects

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Project Number: BR005 **Project Title:** North Aurora Road Underpass at the CN Railroad

Department Name: Transportation, Engineering & Development **CIP Status:** Changed - Non Recurring **Category Code:** A **Sector:** Northwest

Criteria **WF Number:** (none)

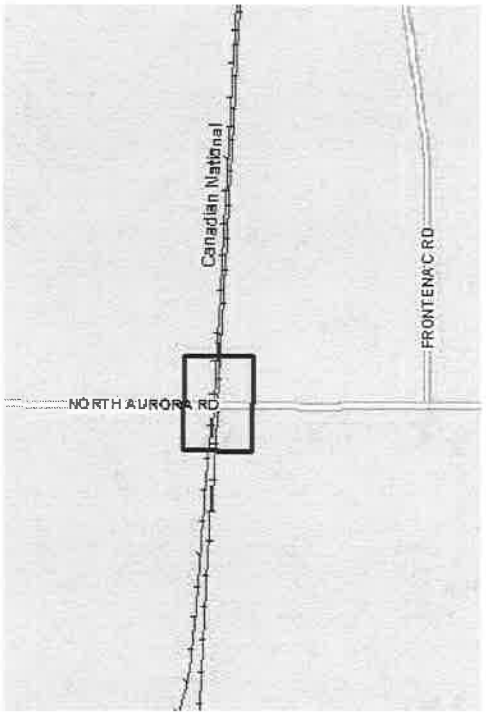
Coordination, Funding, Investment, Need

Project Purpose:

This project supports the implementation of the Improve Traffic Flow and Congestion strategic plan goal, Road Improvement Plan and Coordinated Roadway Improvement component of the Comprehensive Transportation Plan. FUNCTION(S): Reduce Congestion, Safety, and Bicycle and Pedestrian.

Project Narrative:

This project will involve the widening of the existing railroad bridge in order to allow a wider roadway beneath it. The road will be expanded to a four lane cross-section with bicycle and pedestrian facilities. This is a joint project with the City of Aurora and Naperville Township. Federal and Illinois Commerce Commission (ICC) participation is anticipated for the construction portion of the project. Total cost for constructing the underpass is $29 million. NOTE: Engineering, land acquisition, and construction of the project have been reprogrammed to coordinate with the terms of the boundary agreement with the City of Aurora.



External Funding Sources Available

City of Aurora, Naperville Township, Illinois Commerce Commission (ICC), STP (Federal), CNRR

Projected Timetable

Land Acquisition in FY14-15 and FY15-16. Design Engineering in FY15-16. Construction Engineering in FY17-18. Construction in FY18-19 and FY19-20.

Impact on Operating Budget

The CN/BNSF will maintain the bridge superstructure. The City of Naperville/Aurora/Naperville Township will be responsible for maintaining the substructure. Anticipated maintenance costs will be determined after the design is known.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
G.O. Bond: Prior Issues	162,000	0	0	0	0	162,000
Other Government	1,640,000	0	1,591,350	14,205,451	14,631,615	32,068,416
Unfunded Capital	550,000	0	1,060,900	1,639,091	1,688,263	4,938,254
Subtotal	2,352,000	0	2,652,250	15,844,542	16,319,878	37,168,669
					Prior Year(s) Expenditures	609,945
					Total All Sources	37,778,614

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	0	0	0	0	15,844,542	16,319,878	32,164,419
Engineering	541,484	0	68,461	1,650,000	0	2,652,250	0	0	4,302,250
Land Acquisition	0	169,000	0	702,000	0	0	0	0	702,000
Subtotal	541,484	169,000	68,461	2,352,000	0	2,652,250	15,844,542	16,319,878	37,168,669
								Prior Year(s) Expenditures	609,945
								Total Project Cost	37,778,614

Project Number: BR007 **Project Title:** South Washington Street Bridge Pedestrian Improvements

Department Name: Transportation, Engineering & Development **CIP Status:** Previous Year - No Change **Category Code:** C **Sector:** Southeast

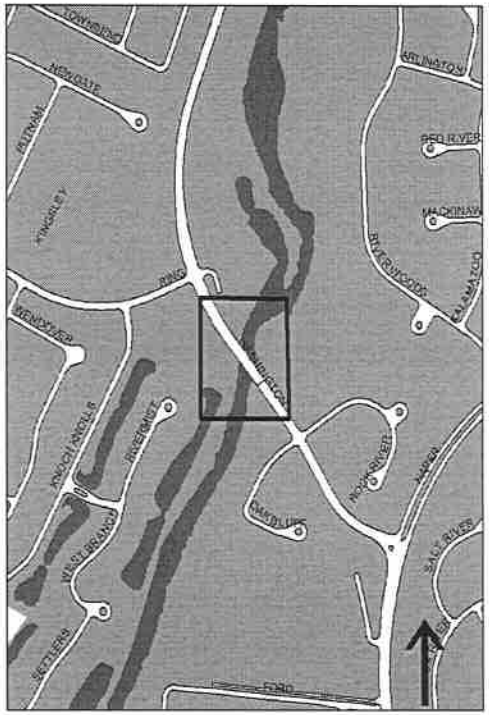
Criteria Investment, Need **WF Number:** (none)

Project Purpose:

This project supports the implementation of the Improve Traffic Flow and Congestion strategic plan goal, and the Traffic Safety, Pedestrian and Bicycle components of the Comprehensive Transportation Plan. FUNCTION(S): Safety, Bicycle and Pedestrian, and Environmental Sustainability.

Project Narrative:

This project includes the construction of sidewalks along both sides of the south Washington Street bridge over the West Branch of the DuPage River. The existing roadway bridge does not have pedestrian walkways; a feasibility study conducted during 2012 determined that the preferred alternative for providing pedestrian accommodations is adding sidewalks. The City has secured for Federal funding for 75% of the construction cost.



External Funding Sources Available

Surface Transportation Program (Federal)

Projected Timetable

Feasibility Study conducted in FY11-12, Preliminary Engineering completed in FY13-14, Design Engineering began in FY14-15, Construction and Construction Engineering in FY16-17.

Impact on Operating Budget

This project will add $500 per year in additional maintenance and operation cost.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	500	500	500	500	2,000
Subtotal	0	500	500	500	500	2,000
					Prior Year(s) Impact	0
					Total Project Impact	2,000

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Other Government	0	927,000	0	0	0	927,000
Unfunded Capital	0	494,000	0	0	0	494,000
Subtotal	0	1,421,000	0	0	0	1,421,000
					Prior Year(s) Expenditures	157,240
					Total All Sources	1,578,240

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	0	0	1,236,000	0	0	0	1,236,000
Engineering	21,849	125,000	135,391	0	185,000	0	0	0	185,000
Subtotal	21,849	125,000	135,391	0	1,421,000	0	0	0	1,421,000
								Prior Year(s) Expenditures	157,240
								Total Project Cost	1,578,240

Project Number: BR017 **Project Title:** Bridge for Relocated 95th Street Over the DuPage River

Department Name: Transportation, Engineering & Development **CIP Status:** Previous Year - No Change **Category Code:** LR **Sector:** Southeast

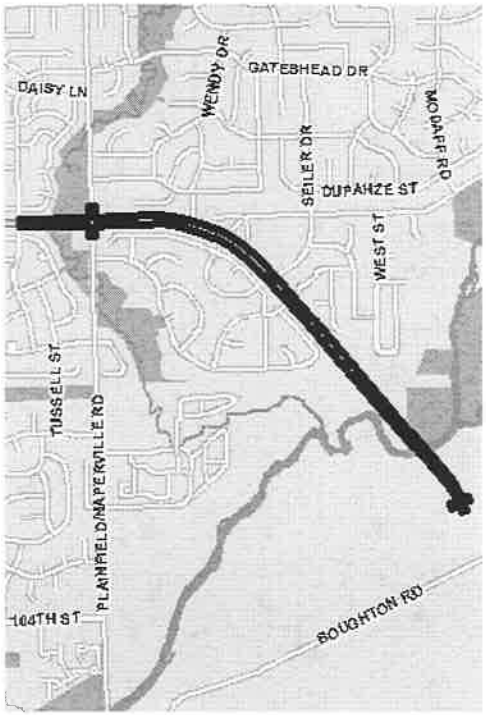
Criteria Funding, Mandate, Investment, Need **WF Number:** (none)

Project Purpose:

This project supports the implementation of the Improve Traffic Flow and Congestion strategic plan goal, WIKADUKE 95th Street Corridor study and an intergovernmental agreement between Will County, Bolingbrook and Naperville. FUNCTION(S): Congestion Reduction and Bicycle and Pedestrian.

Project Narrative:

Will County is the lead agency in charge of implementing this project. This bridge will provide a new traffic corridor across the DuPage River between Boughton Road and Plainfield-Naperville Road. The work is split into two stages. Stage I is currently under construction. It is the southeast section from Boughton Rd to Knoch Knolls Rd, including the bridge. Stage II construction, from Knoch Knolls Rd to Plainfield-Naperville Road, is expected to begin in 2015.



External Funding Sources Available

Will County, Village of Bolingbrook, Surface Transportation Program (Federal)

Projected Timetable

Construction and Construction Engineering in FY13-14, FY14-15 and FY15-16.

Impact on Operating Budget

Will County will maintain the bridge and roadway improvements per the IGA.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	950,000	0	0	0	0	950,000
Subtotal	950,000	0	0	0	0	950,000
					Prior Year(s) Expenditures	3,090,019
					Total All Sources	4,040,019

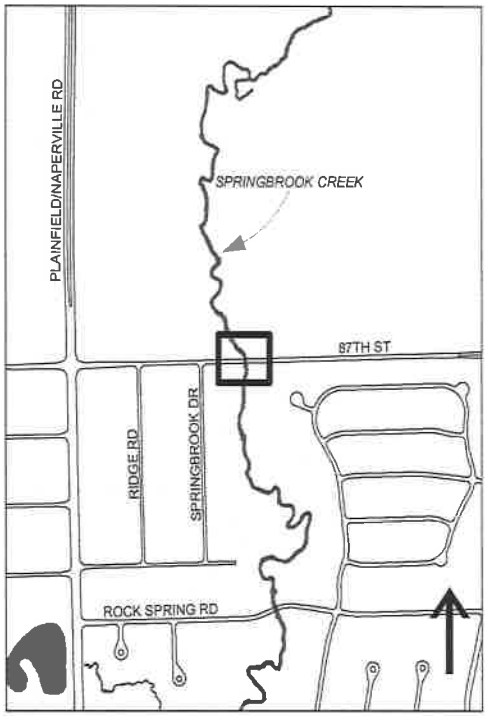
Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	1,419,251	784,038	1,670,768	808,000	0	0	0	0	808,000
Engineering	0	81,327	0	142,000	0	0	0	0	142,000
Subtotal	1,419,251	865,365	1,670,768	950,000	0	0	0	0	950,000
								Prior Year(s) Expenditures	3,090,019
								Total Project Cost	4,040,019

Project Number: BR019 **Project Title:** 87th St. Bridge Over Springbrook Creek
Department Name: Transportation, Engineering & Development **CIP Status:** Previous Year - No Change **Category Code:** B **Sector:** Southwest
Criteria Funding, Need **WF Number:** (none)

Project Purpose:
This project is a component of the Road Improvement Plan. FUNCTION(S): Reduce Congestion and Preservation.

Project Narrative:
This bridge currently has a sufficiency rating of 56.5, which qualifies it for Federal Highway Administration (FHWA) funds for rehabilitation. When the sufficiency rating falls below 50.0 the bridge will qualify for FHWA funds for reconstruction. The project will consist of removing the existing two lane bridge and replacing it with a wider structure to accommodate a future three lane roadway. The estimated cost of construction is $1.8 million of which up to 80% could be covered by FHWA funds.



External Funding Sources Available
Federal Highway Administration

Projected Timetable
Preliminary Engineering FY 18-19. Design Engineering and Land Acquisition in FY 20-21. Construction and Construction Engineering in FY 22-23.

Impact on Operating Budget
Anticipated maintenance costs will be determined after the design is known.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

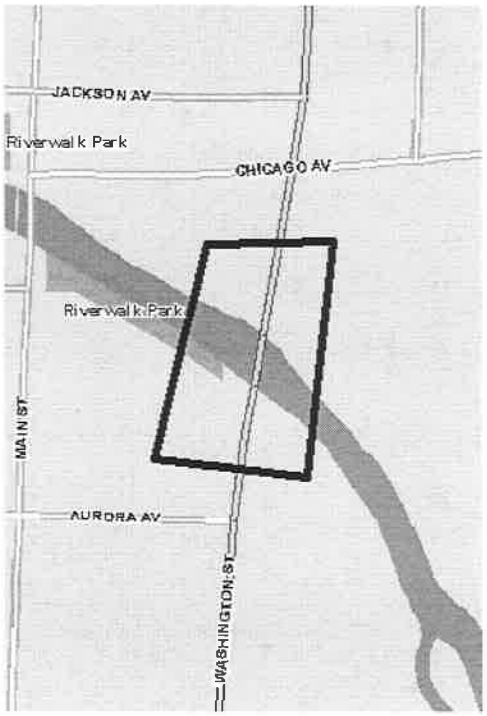
Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Other Government	0	0	0	139,869	0	139,869
Unfunded Capital	0	0	0	34,967	0	34,967
Subtotal	0	0	0	174,836	0	174,836
					Prior Year(s) Expenditures	0
					Total All Sources	174,836

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	174,836	0	174,836
Land Acquisition	0	0	0	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0	174,836	0	174,836
								Prior Year(s) Expenditures	0
								Total Project Cost	174,836

Project Number: BR031 **Project Title:** Downtown Washington Street Bridge Rehabilitation
Department Name: Transportation, Engineering & Development **CIP Status:** Changed - Non Recurring **Category Code:** B **Sector:** Northeast
Project Purpose: **Criteria** **WF Number:** (none)
This project supports the implementation of the Road Improvement Plan. FUNCTION(S): Safety, Preservation
Funding, Need

Project Narrative:
This project includes the replacement or major rehabilitation of the Washington Street bridge due to its deteriorating condition. In 2004, the bridge deck was repaired to extend the service life of the bridge by ten to fifteen years. The physical condition and the functionality of the bridge was evaluated in a feasibility report prepared in 2014 to determine an appropriate scope of work. The total cost of the project, including engineering, land acquisition, and construction is estimated range from $3,000,000 for rehabilitation work to $8,000,000 for full replacement and widening of the bridge and modifications to the adjacent sections of Washington Street to accommodate vehicular and pedestrian traffic. NOTE: Costs have been upgraded based on the feasibility report.



External Funding Sources Available
Federal Highway Administraton (Bridge Replacement & Rehabilitiation Program)

Projected Timetable
Preliminary Engineering in FY15-16. Land in FY16-17 and 17-18. Design in 17-18. Construction Engineering in FY18-19. Construction in FY19-20.

Impact on Operating Budget
This scope of any potentially new operating expenses will be determined during the preliminary design stage.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Other Government	272,000	0	288,565	419,607	4,330,958	5,311,130
Unfunded Capital	68,000	515,000	602,591	104,902	1,082,739	2,373,232
Subtotal	340,000	515,000	891,156	524,509	5,413,697	7,684,362
					Prior Year(s) Expenditures	24,500
					Total All Sources	7,708,862

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	24,500	0	0	0	0	5,413,697	5,413,697
Engineering	0	0	0	340,000	0	360,706	524,509	0	1,225,215
Land Acquisition	0	0	0	0	515,000	530,450	0	0	1,045,450
Subtotal	0	0	24,500	340,000	515,000	891,156	524,509	5,413,697	7,684,362
								Prior Year(s) Expenditures	24,500
								Total Project Cost	7,708,862

Project Number: BW015 **Project Title:** Springbrook Prairie to Virgil Gilman Trail

Department Name: Transportation, Engineering & Development **CIP Status:** Changed - Non Recurring **Category Code:** C **Sector:** Southwest

Criteria Coordination, Investment, Need **WF Number:** (none)

Project Purpose:

This project supports the implementation of the Bicycle Plan and the Bicycle component of the Comprehensive Transportation Plan. FUNCTION(S): Bicycle and Pedestrian.

Project Narrative:

This project involves the construction of a bikeway on the west side of Book Road from Leverenz Road to Frontier Park. The route alignment was developed through public meetings in conjunction with the Bicycle & Pedestrian Advisory Committee. Total costs for the project, including engineering, land acquisition & construction activities range from $1,500,000 to $1,600,000 (includes prior year expenditures). The north & south segments of the bikeway were completed in previous years. The north segment began at 87th Street & ended at Leverenz Road. The south segment was constructed adjacent to the Naperville Park District Frontier Park property. A temporary on-street bike route was provided on Leverenz Road & Cedar Glade Drive until the center segment is constructed along Book Road from Leverenz Road to Frontier Park. NOTE: The project schedule has been pushed out one year to begin in FY17-18.

External Funding Sources Available

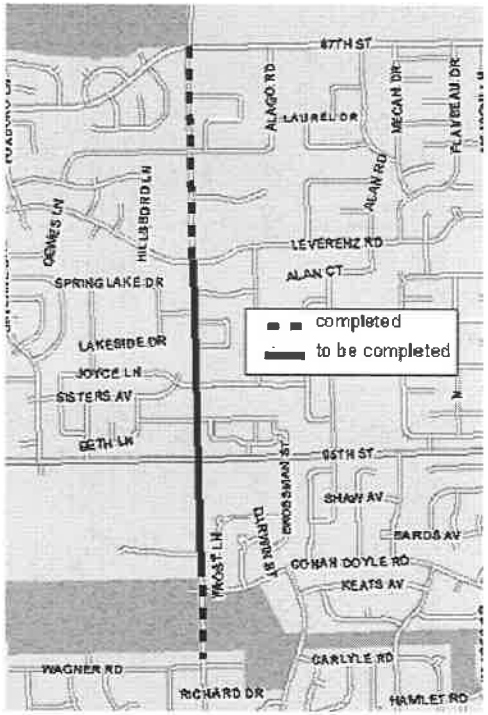
None.

Projected Timetable

Design Engineering in FY17-18; Land Acquisition in FY17-18 and 18-19; Construction and Construction Engineering in FY19-20.

Impact on Operating Budget

This project will add annual maintenance costs estimated at $945 beginning in FY19-20.



Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	945	945
Subtotal	0	0	0	0	945	945
					Prior Year(s) Impact	0
					Total Project Impact	945

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	0	0	190,962	304,871	584,139	1,079,972
Subtotal	0	0	190,962	304,871	584,139	1,079,972
					Prior Year(s) Expenditures	482,149
					Total All Sources	1,562,121

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	452,149	0	0	0	0	0	0	496,349	496,349
Engineering	30,000	0	0	0	0	88,055	0	87,790	175,844
Land Acquisition	0	0	0	0	0	102,907	304,871	0	407,778
Subtotal	482,149	0	0	0	0	190,962	304,871	584,139	1,079,972
								Prior Year(s) Expenditures	482,149
								Total Project Cost	1,562,121

Project Number: CS009 **Project Title:** Washington Street Streetscape

Department Name: Transportation, Engineering & Development **CIP Status:** Changed - Non Recurring **Category Code:** C **Sector:** Northeast

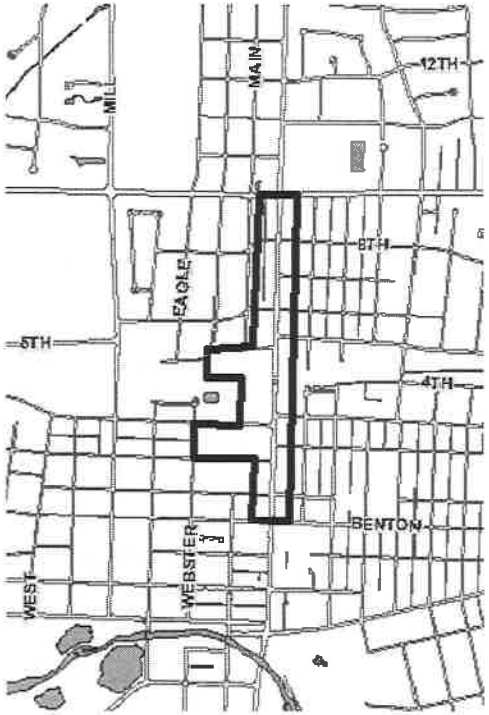
Criteria Coordination **WF Number:**

Project Purpose:

This project supports the Pedestrian component of the Comprehensive Transportation Plan and the implementation of the 5th Avenue Study. FUNCTION(S): Bicycle and Pedestrian.

Project Narrative:

As a part of the 5th Avenue Study a review of land use and streetscape along Washington Street from Benton Avenue to Ogden Avenue (Rt. 34) will be performed. This project will be to engineer and install the recommended streetscape improvements on the east side of Washington from North Avenue to 5th Avenue and on the west side of Washington from the Burlington Northern Santa Fe (BNSF) railroad tracks to Douglas Avenue. Other steetscape improvement locations within the project limits will require cooperation from adjoining property owners through redevelopment or other related scenarios. NOTE: The project schedule has been pushed out one year to begin in FY17-18.



External Funding Sources Available

None

Projected Timetable

Design Engineering in FY17-18. Construction and Construction Engineering FY18-19 through FY20-21.

Impact on Operating Budget

The introduction of additional landscaping and specialty pavements will increase maintenance cost. Costs will be assessed upon final design details.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	0	0	37,132	290,665	210,470	538,267
Subtotal	0	0	37,132	290,665	210,470	538,267
					Prior Year(s) Expenditures	0
					Total All Sources	538,267

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	0	0	0	0	262,254	189,085	451,340
Engineering	0	0	0	0	0	37,132	28,411	21,385	86,927
Subtotal	0	0	0	0	0	37,132	290,665	210,470	538,267
								Prior Year(s) Expenditures	0
								Total Project Cost	538,267

Project Number: CS011 **Project Title:** Van Buren Parking Lot Pedestrian Connection

Department Name: Transportation, Engineering & Development **CIP Status:** Previous Year - No Change **Category Code:** C **Sector:** Northwest

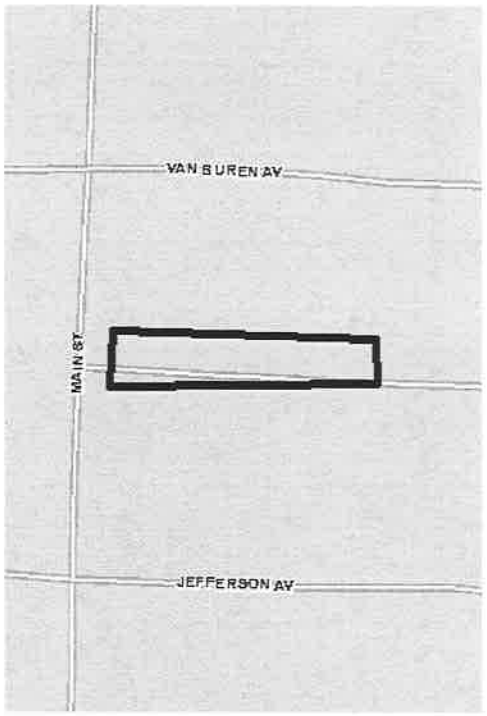
Criteria Need **WF Number:**

Project Purpose:

This project supports the implementation of the Pedestrian component of the Comprehensive Transportation Plan and the Downtown Plan. FUNCTION(S): Bicycle and Pedestrian.

Project Narrative:

The Naperville Downtown 2030 Plan recommended that several key pedestrian routes be enhanced. Consistent with the 2030 plan, this project involves the installation of a dedicated east-west pedestrian connection through the existing surface parking lot located at Van Buren Avenue and Main Street. This route will provide improved connectivity between Main Street and Washington Street.



External Funding Sources Available

None.

Projected Timetable

Construction in FY17-18.

Impact on Operating Budget

This project will result in additional annual maintenance costs in the amount of $32 for the sidewalk beginning in FY17-18.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	32	32	64
Subtotal	0	0	0	32	32	64
					Prior Year(s) Impact	0
					Total Project Impact	64

Funding Source Summary

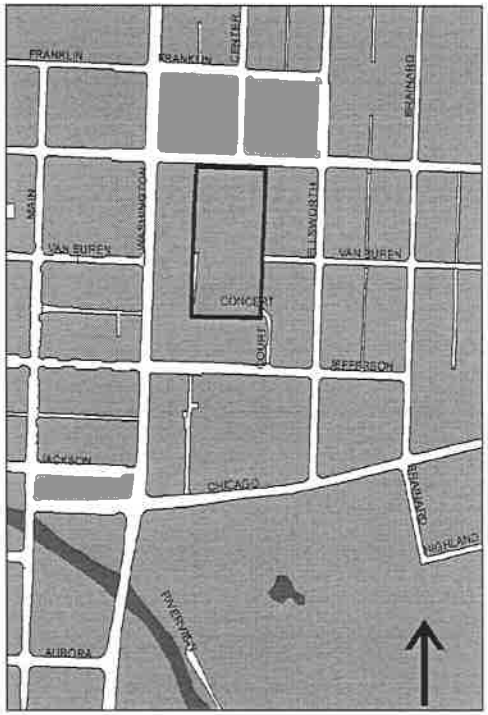
Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
SSA Fund	0	0	60,000	0	0	60,000
Subtotal	0	0	60,000	0	0	60,000
					Prior Year(s) Expenditures	0
					Total All Sources	60,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	0	0	0	60,000	0	0	60,000
Subtotal	0	0	0	0	0	60,000	0	0	60,000
								Prior Year(s) Expenditures	0
								Total Project Cost	60,000

Project Number: MB117 **Project Title:** Central Park Master Plan Improvements
Department Name: Transportation, Engineering & Development **CIP Status:** Changed - Non Recurring **Category Code:** C **Sector:** Northeast
Project Purpose: **Criteria** **WF Number:** (none)
This project supports the implementation of the Central Park Master Plan. FUNCTION(S): Bicycle and Pedestrian. Need

Project Narrative:
This project is a the long term implementation of continued improvements to Central Park and the Community Concert Center as outlined in the approved Central Park Master Plan. Improvements include upgraded park entrances, public restrooms, water and electrical service upgrades, sidewalks and landscaping, and roadway/parking reconfiguration. Consideration of providing additional green space will be an element of the roadway/parking reconfiguration. All improvements to the park will be coordinated with the Naperville Park District. NOTE: The Washington Street entrance was reprogrammed from FY15-16 to FY16-17.



External Funding Sources Available
Special Events & Cultural Ammenities Fund

Projected Timetable
Washington Street entrance and water/electrical upgrades in FY16-17. Sidewalk, landscaping and stormwater management in FY17-18. Roadway/parking reconfiguration in FY18-19. North and east side entrances in FY19-20.

Impact on Operating Budget
The new entrances will require regular maintenance. The other proposed improvements modify existing infrastructure and will not require additional maintenance.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	1,000	1,000	1,000	1,000	4,000
Subtotal	0	1,000	1,000	1,000	1,000	4,000
					Prior Year(s) Impact	0
					Total Project Impact	4,000

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Special Events and Cultural Ameni	0	133,900	509,232	590,073	168,826	1,402,031
Subtotal	0	133,900	509,232	590,073	168,826	1,402,031
					Prior Year(s) Expenditures	310,057
					Total All Sources	1,712,088

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Benefits	7,192	0	0	0	0	0	0	0	0
Construction	279,375	0	0	0	133,900	509,232	590,073	168,826	1,402,031
Engineering	1,108	0	0	0	0	0	0	0	0
Salaries	21,238	0	0	0	0	0	0	0	0
Supplies	1,144	0	0	0	0	0	0	0	0
Subtotal	310,057	0	0	0	133,900	509,232	590,073	168,826	1,402,031
								Prior Year(s) Expenditures	310,057
								Total Project Cost	1,712,088

Project Number: MB138 **Project Title:** Water Street District Improvements

Department Name: Transportation, Engineering & Development **CIP Status:** Changed - Non Recurring **Category Code:** LR **Sector:** Northwest

Criteria Coordination, Need **WF Number:** none

Project Purpose:

This project supports the implementation of the Parking component of the Comprehensive Transportation Plan.
FUNCTION(s): Reduce Congestion.

Project Narrative:

This project involves building a parking garage with an estimated 524 stalls (404 public stalls, 120 leased stalls). It also includes renovating and improving the Riverwalk on the south side of the river from the covered bridge to Main Street, and other public improvement costs such as reconstruction of Water Street and the alley. Construction of the garage will be completed as part of the proposed Water Street District Development. The budgeted amount is the City's share of the project costs [alley electrical relocation and the Aurora/Webster traffic signal are budgeted separately]. NOTE: Costs and construction schedule have been reprogrammed to reflect the developer's new implementation plan. FY14-15 project costs have been revised from $12,020,000 to $4,142,000 making the total project cost for MB138 equal to $17,902,000.

External Funding Sources Available

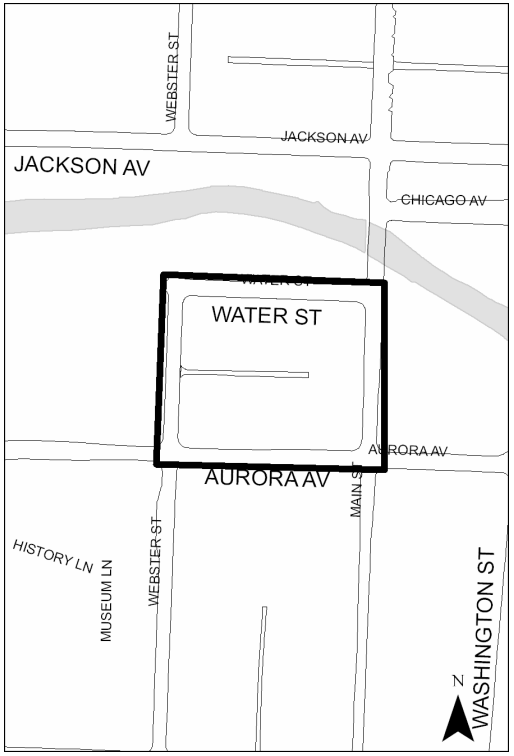
The debt service will be paid back using funds from the TIF and Downtown Parking Solution.

Projected Timetable

Land and Construction in FY14-15, Construction Engineering, and Construction in FY15-16. Construction in FY16-17.

Impact on Operating Budget

The parking deck will add annual maintenance and operating costs estimated at $167,000 per year starting in FY16-17. Note: Maintenance costs will be covered by the SSA and Riverwalk.



Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	167,000	167,000	167,000	167,000	668,000
Subtotal	0	167,000	167,000	167,000	167,000	668,000
					Prior Year(s) Impact	0
					Total Project Impact	668,000

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
G.O. Bond: Prior Issues	2,783,000	0	0	0	0	2,783,000
Downtown Parking Solution	4,380,000	0	0	0	0	4,380,000
TIF	687,000	0	0	0	0	687,000
Unfunded Capital	4,610,000	1,300,000	0	0	0	5,910,000
Subtotal	12,460,000	1,300,000	0	0	0	13,760,000
					Prior Year(s) Expenditures	21,600
					Total All Sources	13,781,600

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	8,470,000	21,600	12,310,000	1,300,000	0	0	0	13,610,000
Engineering	0	1,650,000	0	150,000	0	0	0	0	150,000
Land Acquisition	0	1,900,000	0	0	0	0	0	0	0
Subtotal	0	12,020,000	21,600	12,460,000	1,300,000	0	0	0	13,760,000
								Prior Year(s) Expenditures	21,600
								Total Project Cost	13,781,600

Project Number: MB142 **Project Title:** Downtown Train Station Bus Drop-off Improvements

Department Name: Transportation, Engineering & Development **CIP Status:** Changed - Non Recurring **Category Code:** C **Sector:** Northeast

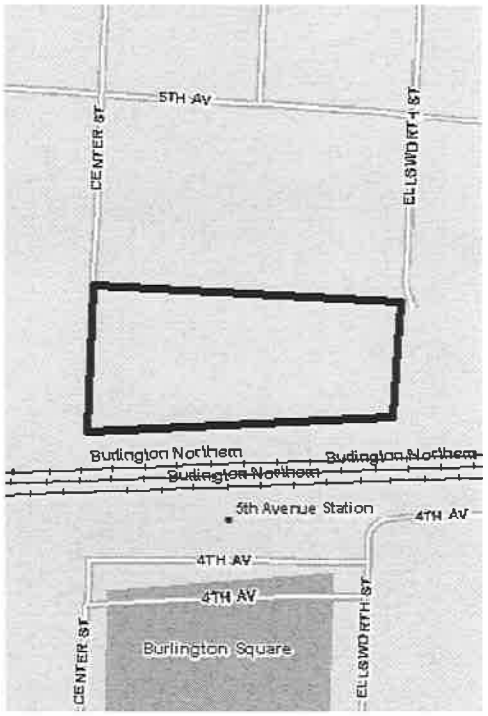
Criteria Investment, Need **WF Number:** (none)

Project Purpose:

This project supports the implementation of the Transit Plan component of the Comprehensive Transportation Plan.
FUNCTION(S): Reduce Congestion, Bicycle and Pedestrian, Safety, and Environmental Sustainability.

Project Narrative:

Per the Naperville Metra Station Bus Depot and Commuter Access Feasibility Study, this project involves improvements to the Eastern Burlington Lot on the north side of the train tracks; modifications to the south side of the train tracks; and construction of additional parking on North Avenue between Center and Ellsworth. These improvements will result in a reduction of 44 parking spaces, yet enhance transit access to the train station; reduce conflicts between travel modes (e.g., buses, vehicles, bicyclists and pedestrians); and minimize bus travel and queues on residential streets. NOTE: Costs have been increased for inflation from 2011 feasibility study figures and the project has been pushed out 1 year to coordinate grant opportunities.



External Funding Sources Available

Congestion Mitigation and Air Quality Funding (Federal)- 80% Federal/20% Local Agency

Projected Timetable

Preliminary Engineering completed in FY 14-15. Design Engineering FY16-17. Construction and Construction Engineering FY17-18.

Impact on Operating Budget

Additional parking area pavement will be added which will required ongoing maintenance.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	785	785	785	785	3,140
Subtotal	0	785	785	785	785	3,140
					Prior Year(s) Impact	0
					Total Project Impact	3,140

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Other Government	0	0	1,000,000	0	0	1,000,000
Commuter Parking Fund	0	75,000	220,000	0	0	295,000
Subtotal	0	75,000	1,220,000	0	0	1,295,000
					Prior Year(s) Expenditures	64,286
					Total All Sources	1,359,286

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	64,286	0	0	1,120,000	0	0	1,120,000
Engineering	0	0	0	0	75,000	100,000	0	0	175,000
Subtotal	0	0	64,286	0	75,000	1,220,000	0	0	1,295,000
								Prior Year(s) Expenditures	64,286
								Total Project Cost	1,359,286

Project Number: MB163 **Project Title:** Downtown Parking Solution - Central Parking Facility

Department Name: Transportation, Engineering & Development **CIP Status:** Changed - Non Recurring **Category Code:** A **Sector:** Northeast

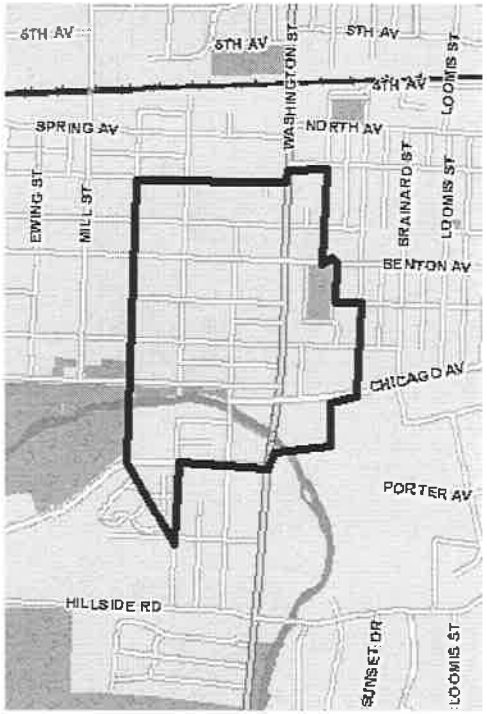
Criteria Coordination, Investment, Need **WF Number:** (none)

Project Purpose:

This project supports the implementation of the Continuous Improvement Model for Downtown Parking and the Downtown Plan. FUNCTION(S): Reduce Congestion (parking).

Project Narrative:

The project involves the reconstruction and expansion of the Central Parking Facility in the Downtown Business District to accommodate approximately 1,000 parking spaces to meet the needs identified in the Continuous Improvement Model (CIM). The timing of engineering and construction has been scheduled based upon the results of the 2012 CIM and to coordinate with the Water Street District Parking Deck that is planned for construction in 2014 and 2015. NOTE: Project costs are based upon average parking deck costs. As the scope of the project is refined, it is anticipated that the parking deck construction costs will increase. Land reprogrammed to FY16-17.



External Funding Sources Available

The Downtown Parking Solution will pay back up to 2/3 of the debt service costs.

Projected Timetable

Preliminary Engineering started in FY14-15. Design Engineering in FY15-16. Land and Construction/Construction Engineering in FY16-17 and FY17-18.

Impact on Operating Budget

The reconstructed parking deck will add annual maintenance and operating costs. The estimated cost is $200,000 per year beginning in FY17-18. Note: FY17-18 operating costs are $100,000 to account for less than one year of service.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	100,000	200,000	200,000	500,000
Subtotal	0	0	100,000	200,000	200,000	500,000
					Prior Year(s) Impact	0
					Total Project Impact	500,000

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	800,000	14,935,000	20,687,550	0	0	36,422,550
Subtotal	800,000	14,935,000	20,687,550	0	0	36,422,550
					Prior Year(s) Expenditures	14,850
					Total All Sources	36,437,400

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	14,850	0	10,557,500	19,891,875	0	0	30,449,375
Engineering	0	400,000	0	800,000	257,500	795,675	0	0	1,853,175
Land Acquisition	0	0	0	0	4,120,000	0	0	0	4,120,000
Subtotal	0	400,000	14,850	800,000	14,935,000	20,687,550	0	0	36,422,550
								Prior Year(s) Expenditures	14,850
								Total Project Cost	36,437,400

Project Number: MB178 **Project Title:** Electrical Vehicle Charging Stations

Department Name: Transportation, Engineering & Development **CIP Status:** Changed - Non Recurring **Category Code:** C **Sector:** Various

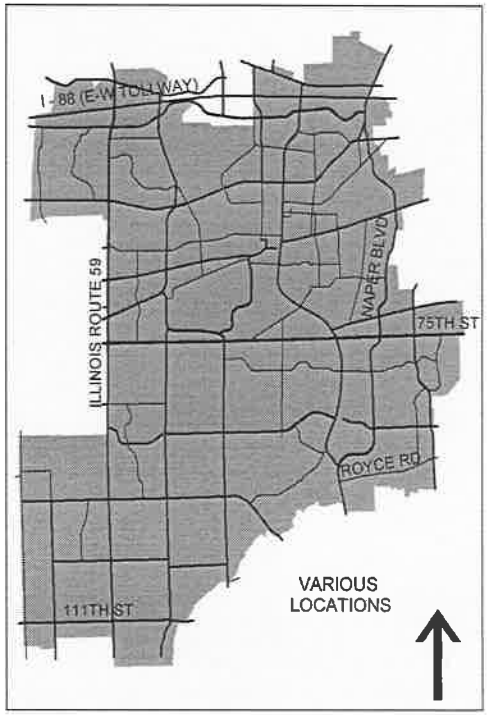
Criteria Investment **WF Number:** (none)

Project Purpose:

This project supports the implementation of the Environmental Sustainabilty Plan. FUNCTION(S): Environmental Sustainability.

Project Narrative:

In 2011, the City received an electric vehicle charging station (EVCS), as part of the smart grid implementation. This station was installed in October 2012 at the Van Buren 1 surface lot. Since announcing the installation, the City of Naperville has received requests for additional locations. With a growing number of electric vehicles in the area, the need for EVCS continues to grow. This project is to further test the implementation of vehicle charging technology. Possible station locations being considered are the train stations, the 95th Street Library, municipal buildings, and the parking decks. NOTE: The project timeline is pushed out 1 year.



External Funding Sources Available

Seeking funding for 50% of the costs. Burlington Fund will cover costs at the train stations.

Projected Timetable

Purchase and installation of charging stations in FY16-17 and FY17-18.

Impact on Operating Budget

This project will result in annual maintenance costs of $720 for each unit.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	2,880	4,320	4,320	4,320	15,840
Subtotal	0	2,880	4,320	4,320	4,320	15,840
					Prior Year(s) Impact	0
					Total Project Impact	15,840

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	0	30,900	31,827	0	0	62,727
Subtotal	0	30,900	31,827	0	0	62,727
					Prior Year(s) Expenditures	0
					Total All Sources	62,727

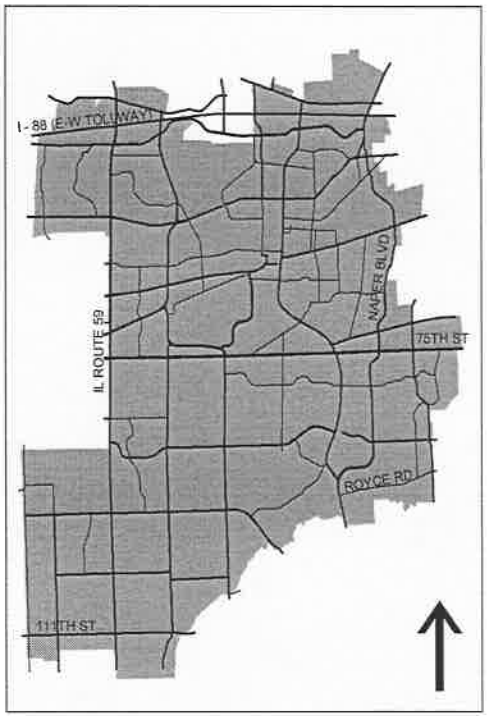
Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	30,000	0	0	30,900	31,827	0	0	62,727
Subtotal	0	30,000	0	0	30,900	31,827	0	0	62,727
								Prior Year(s) Expenditures	0
								Total Project Cost	62,727

Project Number: MB179 **Project Title:** Electronic Building Permit Submittals (E-Permits)
Department Name: Transportation, Engineering & Development **CIP Status:** Changed - Non Recurring **Category Code:** A **Sector:** Various
Criteria Need **WF Number:** (none)

Project Purpose:
This project supports the implementation of the Be Recognized as an E-Government Innovator strategic plan goal.
FUNCTION(S): Environmental Sustainability.

Project Narrative:
This project involves the procurement, integration, and implementation of software that will allow for electronic building permit submittal. Customers will submit permit documents as well as construction drawings electronically and plan reviewers will review and correct the drawings electronically. The costs include hardware requirements for TED and other departments in the City that participate in the plan review process leading to permit issuance. This project could be part of the Information Technology Department's next generation Enterprise Resource Planning (ERP) system to meet the City's goal of enhanced eGovernment functionality Citywide. NOTE: The project implementation has been reprogrammed to FY17-18.



External Funding Sources Available
None

Projected Timetable
Implementation in FY17-18.

Impact on Operating Budget
This project will add annual maintenance and operating costs estimated at $18,000 beginning in FY18-19.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	18,000	18,000	36,000
Subtotal	0	0	0	18,000	18,000	36,000
					Prior Year(s) Impact	0
					Total Project Impact	36,000

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	0	0	206,000	0	0	206,000
Subtotal	0	0	206,000	0	0	206,000
					Prior Year(s) Expenditures	0
					Total All Sources	206,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Equip. & Furnishing	0	0	0	0	0	20,000	0	0	20,000
Softwr & Maint.	0	0	0	0	0	186,000	0	0	186,000
Subtotal	0	0	0	0	0	206,000	0	0	206,000
								Prior Year(s) Expenditures	0
								Total Project Cost	206,000

Project Number: MB192 **Project Title:** Naper Boulevard Retaining Wall Renovation

Department Name: Transportation, Engineering & Development **CIP Status:** Changed - Non Recurring **Category Code:** C **Sector:** Northeast

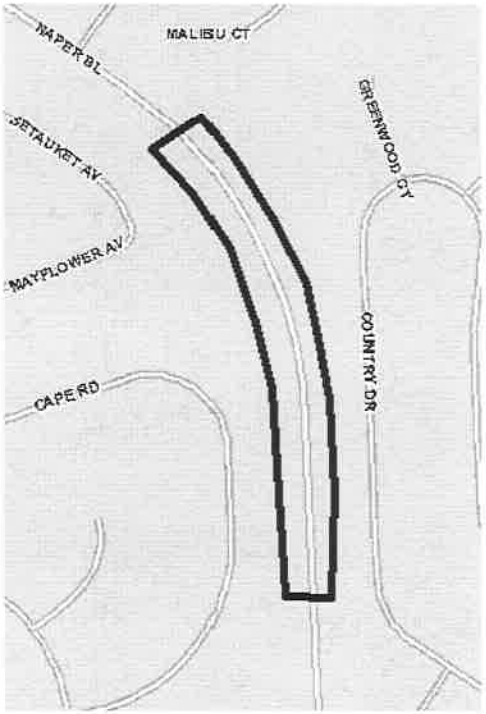
Criteria Need **WF Number:** (none)

Project Purpose:

This project supports implementation of the Traffic Safety component of the Comprehensive Transportation Plan.
FUNCTION(S): Preservation, Safety.

Project Narrative:

This project will renovate the existing timber retaining wall located along the east side of Naper Boulevard, approximately midpoint between Chicago Avenue and the Burlington Northern Railroad Underpass. The wall has buckled from its intended vertical position requiring attention. Renovation options to be explored will range from in-place stabilization of the problem section of wall to full replacement. Costs are expected to range from $75,000 to $200,000. NOTE: The project has been reprogrammed to begin in FY 16-17.



External Funding Sources Available

None

Projected Timetable

Engineering in FY16-17 and Construction in FY17-18.

Impact on Operating Budget

This project is an asset replacement and has no new operating expenses.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	0	20,600	196,267	0	0	216,867
Subtotal	0	20,600	196,267	0	0	216,867
					Prior Year(s) Expenditures	0
					Total All Sources	216,867

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	0	0	0	196,267	0	0	196,267
Engineering	0	0	0	0	20,600	0	0	0	20,600
Subtotal	0	0	0	0	20,600	196,267	0	0	216,867
								Prior Year(s) Expenditures	0
								Total Project Cost	216,867

Project Number: SC007 **Project Title:** 95th Street: EJ&E Railroad to Rt. 59

Department Name: Transportation, Engineering & Development **CIP Status:** Changed - Non Recurring **Category Code:** LR **Sector:** Southwest

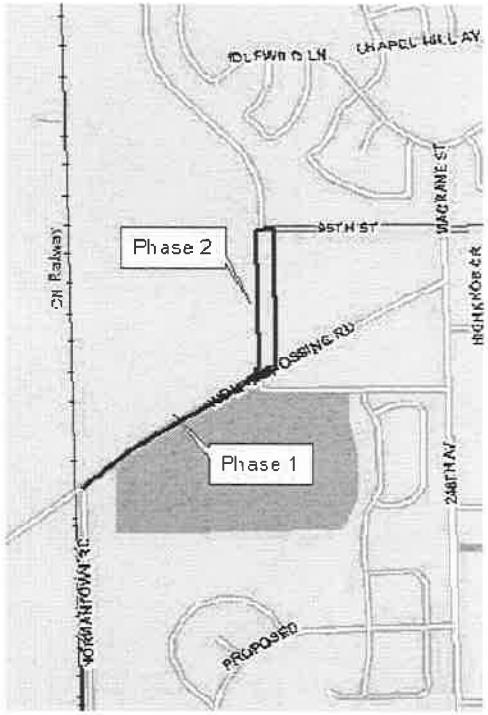
Criteria Coordination, Mandate, Need **WF Number:** (none)

Project Purpose:

This project supports the implementation of the Improve Traffic Flow and Congestion strategic plan goal, the Road Improvement Plan and the Traffic Safety and Coordinated Roadway Improvement components of the Comprehensive Transportation Plan. FUNCTION(S): Reduce Congestion.

Project Narrative:

This project previously upgraded 95th Street from 2 to 5 lanes from Rt 59 to Wolf's Crossing Road. The next stage of the project involves reconstruction of Wolf's Crossing Road from the CN Railroad to Trumpet Drive with the Ashwood Pointe Subdivision. Future improvements will connect Wolf's Crossing Road to 250th Street at 95th Street. The construction of the relocation is dependent on development of the adjacent land. The development agreement defines the cost-sharing basis for the improvement. The cost estimate for this stage of the work is estimated to be $1.2 to $1.4 million. NOTE: The project has been reprogrammed to coordinate with construction of the Ashwood Pointe Development.



External Funding Sources Available

Developer

Projected Timetable

Construction of Wolf's Crossing Road Phase1 in FY15-16. Construction of Wolf's Crossing Road Phase 2 in FY18-19 pending development of the adjacent property.

Impact on Operating Budget

This project will add 0.5 lane miles of pavement, increasing maintenance and snow plowing costs $850/year. The street lights will add $80/year in energy and maintenance costs.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	390	390	390	390	930	2,490
Subtotal	390	390	390	390	930	2,490
					Prior Year(s) Impact	0
					Total Project Impact	2,490

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
G.O. Bond: Prior Issues	340,000	0	0	0	0	340,000
Developer Contribution	340,000	0	0	601,000	0	941,000
Unfunded Capital	0	0	0	601,000	0	601,000
Subtotal	680,000	0	0	1,202,000	0	1,882,000
					Prior Year(s) Expenditures	8,540,572
					Total All Sources	10,422,571

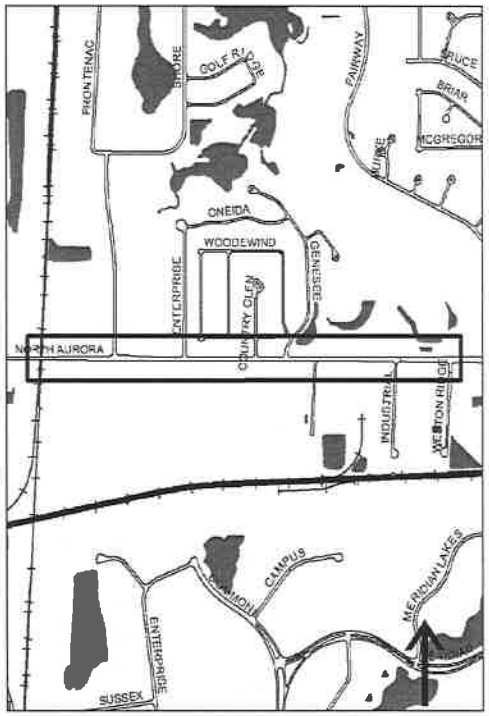
Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	6,207,614	680,000	0	680,000	0	0	1,092,727	0	1,772,727
Engineering	2,332,957	0	0	0	0	0	109,273	0	109,273
Subtotal	8,540,572	680,000	0	680,000	0	0	1,202,000	0	1,882,000
								Prior Year(s) Expenditures	8,540,572
								Total Project Cost	10,422,571

Project Number: SC033 **Project Title:** North Aurora Road.: Frontenac Rd. to Weston Ridge Dr.
Department Name: Transportation, Engineering & Development **CIP Status:** Changed - Non Recurring **Category Code:** A **Sector:** Northwest
Criteria **WF Number:** (none)
Coordination, Funding, Investment, Need

Project Purpose:
This project supports the implementation of the Road Improvement Plan. FUNCTION(S): Reduce Congestion, Bicycle and Pedestrian, and Safety.

Project Narrative:
This is an arterial upgrade to a five lane cross-section. Work includes new pavement base, curb and gutter, storm sewer and street lighting. NOTE: Design Engineering, Land Acquisition, and Construction have been reprogrammed.



External Funding Sources Available
Naperville Township, Surface Transportation Program (Federal)

Projected Timetable
Preliminary Engineering complete pending federal review. Design Engineering in FY16-17. Land Acquisition in FY16-17 and FY17-18. Construction Engineering in FY18-19, Construction in FY19-20.

Impact on Operating Budget
This project will add 1.6 lane miles of pavement to the City's system, increasing pavement maintenance and snow plowing costs. Estimated cost is $2,720 per year beginning in FY20-21.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

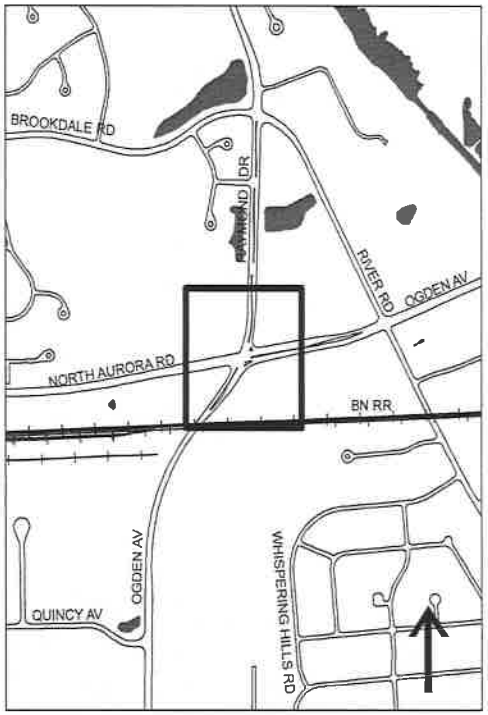
Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Other Government	0	154,500	371,315	163,909	7,437,362	8,127,086
Unfunded Capital	0	669,500	689,585	622,854	2,703,472	4,685,412
Subtotal	0	824,000	1,060,900	786,763	10,140,834	12,812,498
					Prior Year(s) Expenditures	371,547
					Total All Sources	13,184,045

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	0	0	0	0	0	10,140,834	10,140,834
Engineering	308,999	0	62,548	0	659,200	0	786,763	0	1,445,963
Land Acquisition	0	0	0	0	164,800	1,060,900	0	0	1,225,700
Subtotal	308,999	0	62,548	0	824,000	1,060,900	786,763	10,140,834	12,812,498
								Prior Year(s) Expenditures	371,547
								Total Project Cost	13,184,045

Project Number: SC162 **Project Title:** Rt. 34 and North Aurora Rd./ Raymond Dr.
Department Name: Transportation, Engineering & Development **CIP Status:** Previous Year - No Change **Category Code:** B **Sector:** Northwest
Project Purpose: **Criteria** **WF Number:** (none)
This project supports the Road Improvement Plan. FUNCTION(S): Reduce Congestion and Safety. Investment, Need

Project Narrative:
This project will add additional capacity to the intersection. An additional through lane will be added for northbound, southbound and eastbound traffic. Dedicated right turn lanes will be added for southbound and eastbound traffic. An additional left turn lane will also be added for eastbound traffic. Although IDOT constructed safety improvements at the intersection in 2011 as an interim measure, this project involves constructing all of the capacity improvements identified in the Roadway Improvement Plan. NOTE: The Preliminary Engineering remains programmed for FY18-19.



External Funding Sources Available
Illinois Department of Transportation(IDOT), DuPage County

Projected Timetable
Preliminary Engineering in FY18-19. Additional engineering and construction will be scheduled upon completion of the preliminary engineering.

Impact on Operating Budget
Construction will not occur in the FY16-20 Capital Improvement Plan. Therefore, there is no impact to the FY16-20 operating budget.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Other Government	0	0	0	586,794	0	586,794
Unfunded Capital	0	0	0	293,944	0	293,944
Subtotal	0	0	0	880,738	0	880,738
					Prior Year(s) Expenditures	0
					Total All Sources	880,738

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	880,738	0	880,738
Land Acquisition	0	0	0	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0	880,738	0	880,738
								Prior Year(s) Expenditures	0
								Total Project Cost	880,738

Project Number: SC164 **Project Title:** Route 34 and Aurora Avenue

Department Name: Transportation, Engineering & Development **CIP Status:** Previous Year - No Change **Category Code:** B **Sector:** Northwest

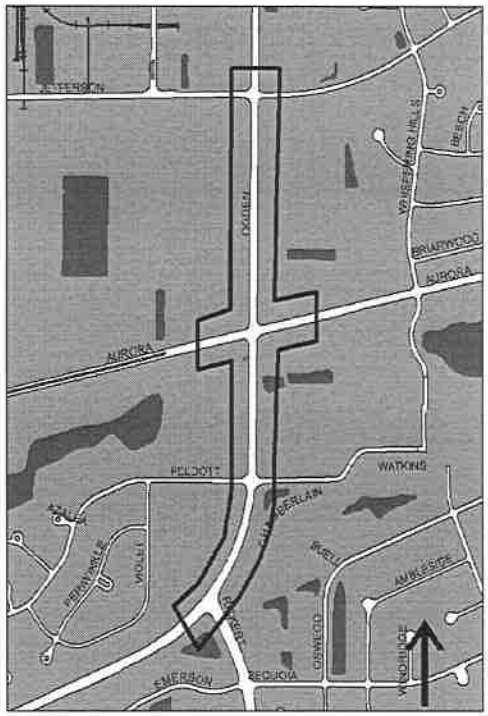
Criteria Investment, Need **WF Number:** (none)

Project Purpose:

This project supports the implementation of the Road Improvement Plan. FUNCTION(S): Reduce Congestion and Safety.

Project Narrative:

The Road Improvement Plan shows this intersection to include a right turn lane, three through lanes, and dual left turn lanes on all four approaches. This project will also include improvements to adjacent intersections along Route 34 including Rickert, Feldott, and Jefferson. A feasibility study was completed in 2003 to determine the full extent of the improvement, aid in securing outside funding, and gain Illinois Department of Transportation support. The feasibility study includes three improvement strategies. NOTE: The Preliminary Engineering remains programmed for FY18-19.



External Funding Sources Available

Illinois Department of Transportation

Projected Timetable

Feasibility study completed in 2003. Preliminary Engineering in FY18-19. Additional engineering and construction will be planned upon completion of the preliminary engineering.

Impact on Operating Budget

Construction will not occur during the FY15-19 Capital Improvement Plan. Therefore, there is no impact to the FY16-20 operating budget.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Other Government	0	0	0	497,191	0	497,191
Unfunded Capital	0	0	0	497,191	0	497,191
Subtotal	0	0	0	994,382	0	994,382
					Prior Year(s) Expenditures	0
					Total All Sources	994,382

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	994,382	0	994,382
Land Acquisition	0	0	0	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0	994,382	0	994,382
								Prior Year(s) Expenditures	0
								Total Project Cost	994,382

Project Number: SC190 **Project Title:** 248th Avenue: 95th St. to 115th St.

Department Name: Transportation, Engineering & Development **CIP Status:** Previous Year - No Change **Category Code:** B **Sector:** Southwest

Criteria Need **WF Number:** (none)

Project Purpose:

This project supports the Road Improvement Plan and Annexation Agreements for the 248th Assemblage.
FUNCTION(S): Reduce Congestion, and Safety.

Project Narrative:

This project involves upgrading 248th Avenue to minor arterial roadway standards. Improvements include construction of new pavement and base, curb and gutter, street lighting, sidewalk and storm sewer.

External Funding Sources Available

None

Projected Timetable

Design Engineering in FY17-18. Construction and construction engineering in FY18-19.

Impact on Operating Budget

This project will add 2 lane miles of pavement, increasing maintenance and snow plowing costs $3,400/year. The street lights will add $160/year in energy and maintenance costs.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	0	0	106,090	6,731,198	0	6,837,288
Subtotal	0	0	106,090	6,731,198	0	6,837,288
					Prior Year(s) Expenditures	7,269,772
					Total All Sources	14,107,060

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	6,866,962	0	0	0	0	0	6,119,271	0	6,119,271
Engineering	402,810	0	0	0	0	106,090	611,927	0	718,017
Subtotal	7,269,772	0	0	0	0	106,090	6,731,198	0	6,837,288
								Prior Year(s) Expenditures	7,269,772
								Total Project Cost	14,107,060

Project Number: SC196 **Project Title:** 95th Street and Book Road

Department Name: Transportation, Engineering & Development **CIP Status:** Previous Year - No Change **Category Code:** C **Sector:** Southwest

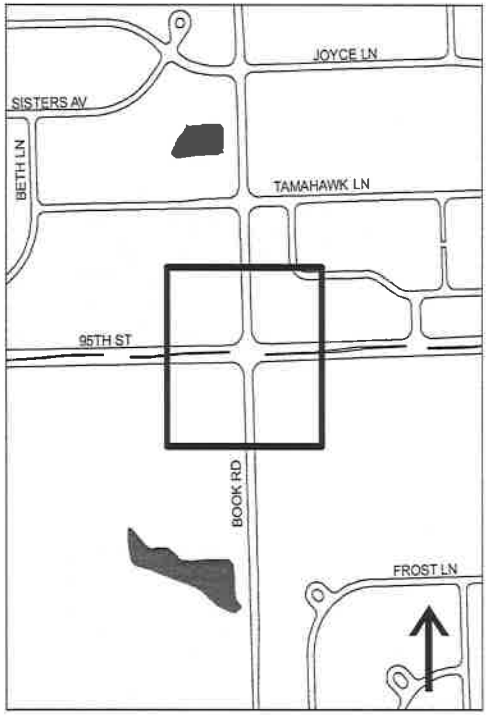
Criteria Need **WF Number:** (none)

Project Purpose:

This project supports the implementation of the Improve Traffic Flow and Congestion strategic plan goal and the Road Improvement Plan. FUNCTION(S): Reduce Congestion and Safety.

Project Narrative:

This project will add through lanes for the north and south legs of the intersection and add right turn lanes to the east and north legs of the intersection. Traffic signal modifications will need to be made as well. Total costs for the project, including engineering, land acquisition, and construction, range from $2.0 million to $2.3 million.



External Funding Sources Available

None

Projected Timetable

Preliminary Engineering in FY16-17. Design Engineering and Land Acquisition in FY17-18. Construction Engineering and Construction in FY18-19.

Impact on Operating Budget

This project will add 0.8 lane miles of pavement to the City's system, increasing pavement maintenance and snow plowing costs. Estimated cost is $1,350 per year beginning in FY18-19.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	1,350	1,350	2,700
Subtotal	0	0	0	1,350	1,350	2,700
					Prior Year(s) Impact	0
					Total Project Impact	2,700

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	0	118,450	252,494	1,948,332	0	2,319,276
Subtotal	0	118,450	252,494	1,948,332	0	2,319,276
					Prior Year(s) Expenditures	0
					Total All Sources	2,319,276

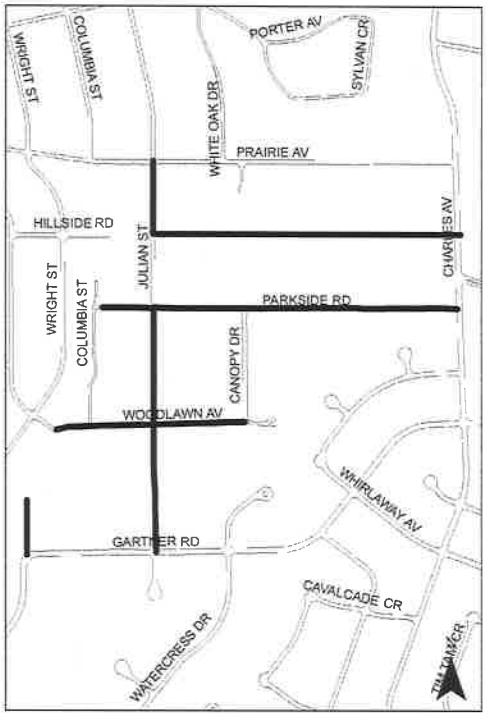
Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	0	0	0	0	1,730,880	0	1,730,880
Engineering	0	0	0	0	118,450	157,013	217,453	0	492,916
Land Acquisition	0	0	0	0	0	95,481	0	0	95,481
Subtotal	0	0	0	0	118,450	252,494	1,948,332	0	2,319,276
								Prior Year(s) Expenditures	0
								Total Project Cost	2,319,276

Project Number: SC216 **Project Title:** East Highland Area Improvements
Department Name: Transportation, Engineering & Development **CIP Status:** Previous Year - No Change **Category Code:** B **Sector:** Northeast
Criteria Funding, Need **WF Number:** (none)

Project Purpose:
This project supports the implementation of the Traffic Safety component of the Comprehensive Transportation Plan.
FUNCTION(S): Preservation and Safety.

Project Narrative:
In FY09-10, Woodlawn Avenue was reconstructed and upgraded to city standards. Julian St, Hillside Rd, and Parkside Rd were resurfaced. The next stage of this project includes the final upgrade of Julian St., Hillside Rd. and Parkside Rd. with curb, storm drainage improvements, street lighting. Any remaining sidewalk gaps will also be filled. Design engineering costs are associated with updating plans and stormwater permitting.



External Funding Sources Available
None

Projected Timetable
Design engineering in FY17-18. Construction and Construction Engineering in FY 19-20.

Impact on Operating Budget
This project will add 1.5 lanes miles to the City's system, increasing pavement maintenance and snow plowing costs $2550 per year for the project. The cost will be $2550 beginning in FY19-20.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	2,550	2,550
Subtotal	0	0	0	0	2,550	2,550
					Prior Year(s) Impact	0
					Total Project Impact	2,550

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	0	0	63,654	0	5,672,564	5,736,218
Subtotal	0	0	63,654	0	5,672,564	5,736,218
					Prior Year(s) Expenditures	1,290,834
					Total All Sources	7,027,053

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	1,101,412	0	0	0	0	0	0	5,627,544	5,627,544
Engineering	0	0	0	0	0	63,654	0	45,020	108,674
Services	189,422	0	0	0	0	0	0	0	0
Subtotal	1,290,834	0	0	0	0	63,654	0	5,672,564	5,736,218
								Prior Year(s) Expenditures	1,290,834
								Total Project Cost	7,027,053

Project Number: SC230 **Project Title:** Aurora Avenue and Washington Street

Department Name: Transportation, Engineering & Development **CIP Status:** Previous Year - No Change **Category Code:** B **Sector:** Northwest

Project Purpose:

This project supports the implementation of the Road Improvement Plan. FUNCTION(S): Reduce Congestion and Safety.

Criteria Coordination, Need **WF Number:** (none)

Project Narrative:

This project will add right turn lanes to the west and north legs of the intersection. Land acquisition will be required. Traffic signal modifications will need to be made as well. It is anticipated that the work will be coordinated with the reconstruction of the Washington Street Bridge (BR031). Total costs for the project, including engineering, land acquisition, and construction are estimated to be approximately $1.0 million.

External Funding Sources Available

None.

Projected Timetable

Preliminary Engineering in FY16-17. Design Engineering and Land Aquisition in FY18-19. Construction in FY20-21.

Impact on Operating Budget

Construction will not occur in the FY16-20 CIP. Therefore, there is no impact on the FY16-20 operating budget.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	0	61,800	0	218,545	0	280,345
Subtotal	0	61,800	0	218,545	0	280,345
					Prior Year(s) Expenditures	0
					Total All Sources	280,345

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	61,800	0	54,636	0	116,436
Land Acquisition	0	0	0	0	0	0	163,909	0	163,909
Subtotal	0	0	0	0	61,800	0	218,545	0	280,345
								Prior Year(s) Expenditures	0
								Total Project Cost	280,345

Project Number: SC252 **Project Title:** Frontenac Road Extension

Department Name: Transportation, Engineering & Development **CIP Status:** Changed - Non Recurring **Category Code:** LR **Sector:** Northwest

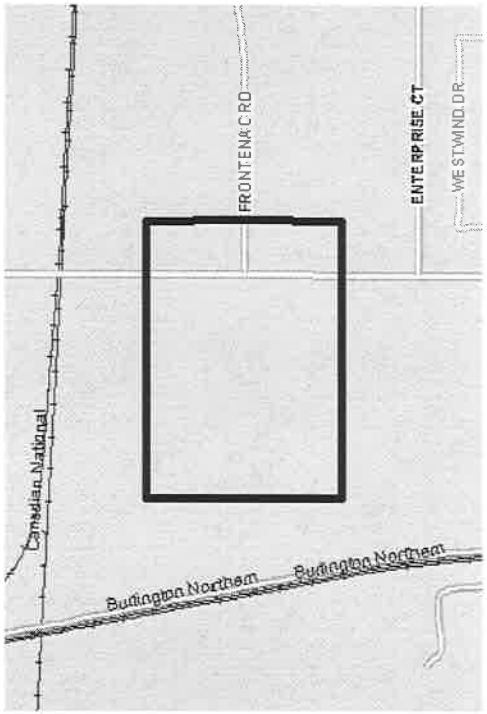
Criteria Coordination, Mandate **WF Number:**

Project Purpose:

This project supports the property exchange agreement with NAR Business Park, LLC. FUNCTION(S): Reduce Congestion and Safety.

Project Narrative:

This project involves the extension of Frontenac Road south of North Aurora Road to serve the proposed private development and the future North Aurora Road Transit Facility (MB084). The development agreement defines the basis of cost sharing. NOTE: The City share for the road improvements has been revised to reflect the final engineering design. The construction of the east-west segment of the road has been eliminated. NOTE: The project has been reporgrammed to FY16-17.



External Funding Sources Available

Developer

Projected Timetable

Construction in FY13-14. Completion of construction in FY 16-17.

Impact on Operating Budget

This project will add 1.5 lanes miles to the City's system, increasing pavement maintenance and snow plowing costs $425 per year for the entire road. The cost will be $425 beginning in FY16-17

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	425	425	425	425	1,700
Subtotal	0	425	425	425	425	1,700
					Prior Year(s) Impact	0
					Total Project Impact	1,700

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	0	51,500	0	0	0	51,500
Subtotal	0	51,500	0	0	0	51,500
					Prior Year(s) Expenditures	169,000
					Total All Sources	220,500

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	110,348	0	58,652	0	51,500	0	0	0	51,500
Subtotal	110,348	0	58,652	0	51,500	0	0	0	51,500
								Prior Year(s) Expenditures	169,000
								Total Project Cost	220,500

Project Number: SC253 **Project Title:** Ogden Avenue and Columbia Street Intersection Improvement

Department Name: Transportation, Engineering & Development **CIP Status:** Changed - Non Recurring **Category Code:** LR **Sector:** Northeast

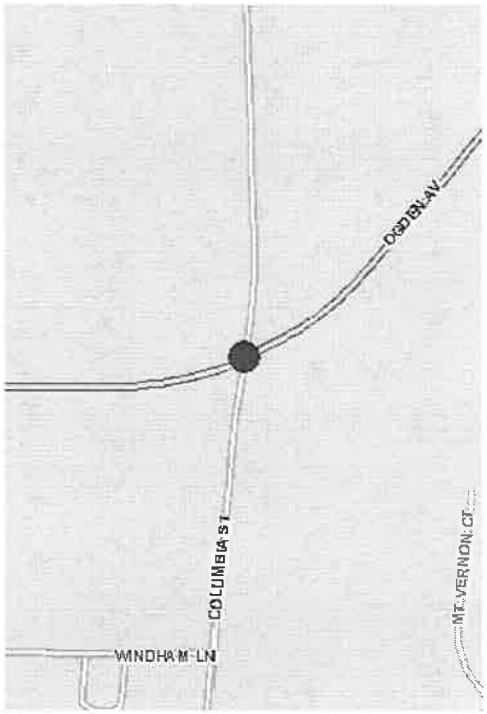
Criteria Coordination **WF Number:**

Project Purpose:

This project supports the implementation of the Road Improvement Plan and Coordinated Roadway Improvement component of the Comprehensive Transportation Plan. FUNCTION(S): Safety, Reduce Congestion, and Bicycle and Pedestrian.

Project Narrative:

This project will improve the alignment of the intersection at US34/Ogden Avenue and Columbia Street and modernize the existing traffic signal. This is an Illinois Department of Transportation project to improve the safety of the intersection based on crash history. The City's cost responsibility is based upon the estimated costs provided in IDOT's preliminary engineering study. NOTE: Project costs and schedule have been updated based on IDOT programming. STP funding for 70% of the street lighting cost has been obtained.



External Funding Sources Available

STP (Federal)

Projected Timetable

Construction FY16-17.

Impact on Operating Budget

This project is an asset replacement and has no new operating expenses.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Other Government	0	96,820	0	0	0	96,820
Unfunded Capital	0	83,430	0	0	0	83,430
Subtotal	0	180,250	0	0	0	180,250
					Prior Year(s) Expenditures	0
					Total All Sources	180,250

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	0	0	180,250	0	0	0	180,250
Subtotal	0	0	0	0	180,250	0	0	0	180,250
								Prior Year(s) Expenditures	0
								Total Project Cost	180,250

Project Number: TC166 **Project Title:** Mill Street and Diehl Commons Road

Department Name: Transportation, Engineering & Development **CIP Status:** Changed - Non Recurring **Category Code:** C **Sector:** Northwest

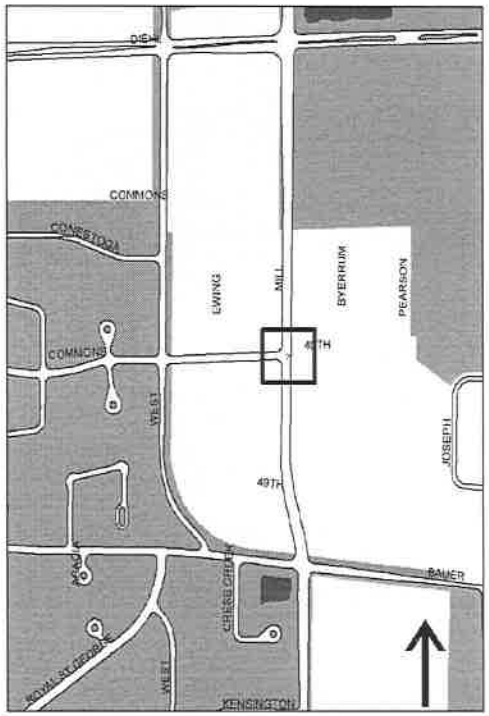
Criteria Coordination, Need **WF Number:** (none)

Project Purpose:

This project supports the implementation of the Traffic Safety component of the Comprehensive Transportation Plan. FUNCTION(S): Safety.

Project Narrative:

In 2011, left turn lanes were constructed on Mill Street at Commons Drive in conjunction with the Naperville Park District's Nike Park Expansion project. This project involves installing a traffic signal at the intersection of Mill Street and Commons Drive once the traffic signal warrants are met for the intersection. NOTE: The start of the project is reprogrammed from FY15-16 to FY16-17.



External Funding Sources Available

Naperville Park District, Future Developer Recapture (west side)

Projected Timetable

Turn lane construction completed in FY10-11; Design Engineering in FY16-17. Construction in FY17-18.

Impact on Operating Budget

This project will add annual traffic signal maintenance and operating costs estimated at $2,440 beginning in FY17-18.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	2,440	2,440	2,440	7,320
Subtotal	0	0	2,440	2,440	2,440	7,320
					Prior Year(s) Impact	0
					Total Project Impact	7,320

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Other Government	0	8,240	74,263	0	0	82,503
Unfunded Capital	0	25,750	259,921	0	0	285,671
Subtotal	0	33,990	334,184	0	0	368,174
					Prior Year(s) Expenditures	677,033
					Total All Sources	1,045,206

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	621,953	0	0	0	0	334,184	0	0	334,184
Engineering	55,079	0	0	0	33,990	0	0	0	33,990
Subtotal	677,033	0	0	0	33,990	334,184	0	0	368,174
								Prior Year(s) Expenditures	677,033
								Total Project Cost	1,045,206

Project Number: TC188 **Project Title:** Jefferson and Target/Westridge

Department Name: Transportation, Engineering & Development **CIP Status:** Changed - Non Recurring **Category Code:** B **Sector:** Northwest

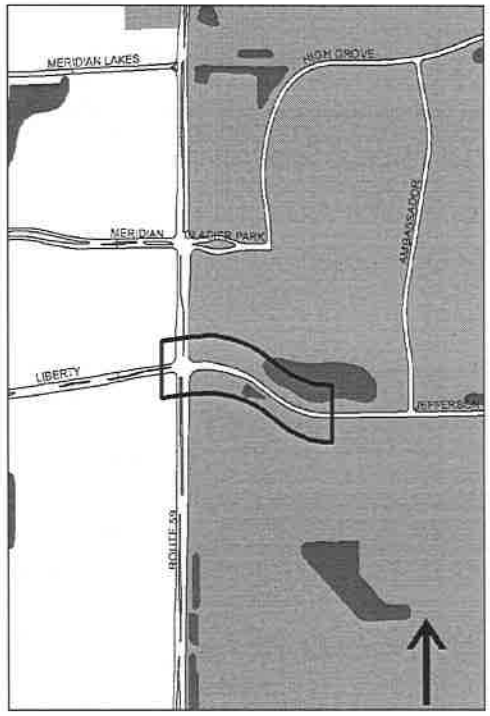
Criteria Funding, Need **WF Number:** (none)

Project Purpose:

This project supports the implementation of the Traffic Safety component of the Comprehensive Transportation Plan. FUNCTION(S): Safety.

Project Narrative:

The project will include the installation of a traffic signal at the Jefferson Avenue and Target/Westridge Court driveway and the widening of Jefferson Avenue from Route 59 to east of the Target/Westridge Court driveway to improve safety and operational efficiency. The design of this improvement was coordinated with SC220: Route 59 Improvements. NOTE: Construction costs have been moved from SC220 to this project for FY15-16.



External Funding Sources Available

Developer

Projected Timetable

Preliminary and Design Engineering completed by the developer FY14-15. Construction Engineering and Construction in FY15-16.

Impact on Operating Budget

This project will not impact the operating budget because the electric and maintenance costs associated with the traffic signal will be reimbursed by the private property owners.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Developer Contribution	250,000	0	0	0	0	250,000
Subtotal	250,000	0	0	0	0	250,000
					Prior Year(s) Expenditures	59,694
					Total All Sources	309,694

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	0	250,000	0	0	0	0	250,000
Engineering	59,694	0	0	0	0	0	0	0	0
Subtotal	59,694	0	0	250,000	0	0	0	0	250,000
								Prior Year(s) Expenditures	59,694
								Total Project Cost	309,694

Project Number: TC193 **Project Title:** Ogden Avenue Corridor Enhancement Initiative

Department Name: Transportation, Engineering & Development **CIP Status:** Previous Year - No Change **Category Code:** C **Sector:** Northeast

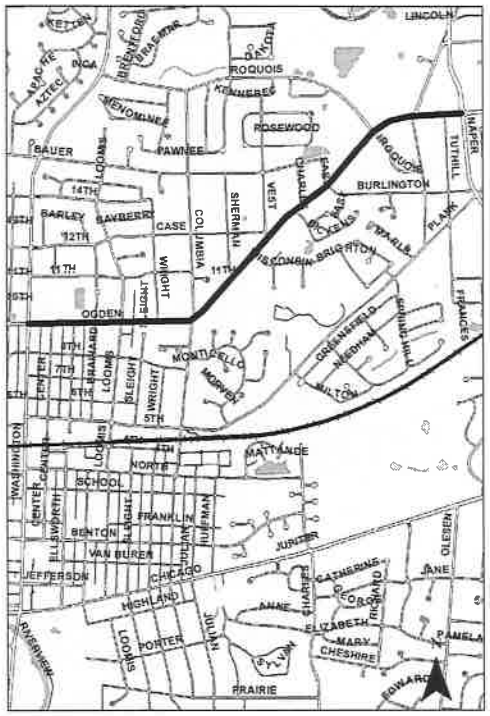
Project Purpose:

This project supports the Traffic Safety Component of the Comprehensive Transportation Plan. FUNCTION(s): Safety and Preservation.

Criteria Mandate, Need **WF Number:** (none)

Project Narrative:

This project consists of improving various sidewalk ramps on Ogden Avenue to American Disabilities Act (ADA) standards. The Illinois Department of Transportation(IDOT) is tentatively planning to resurface this portion of Ogden Avenue in 2017. Sidewalk work will be coordinated with the IDOT project. The Ogden Avenue Corridor Enhancement Initiative Plan and Engineering Design document identified several additional improvements to the corridor, including the installation of decorative streetlights, overhead utility relocation (ComEd), and construction of gateway elements. These elements will be programmed and budgeted once details are refined.



External Funding Sources Available

None

Projected Timetable

Construction in FY17-18.

Impact on Operating Budget

The project involves modifications to existing sidewalk. Therefore, there is no impact on the operating budget.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	0	0	112,500	0	0	112,500
Subtotal	0	0	112,500	0	0	112,500
					Prior Year(s) Expenditures	296,671
					Total All Sources	409,171

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	188,322	0	0	0	0	112,500	0	0	112,500
Engineering	108,349	0	0	0	0	0	0	0	0
Subtotal	296,671	0	0	0	0	112,500	0	0	112,500
								Prior Year(s) Expenditures	296,671
								Total Project Cost	409,171

Project Number: TC207 **Project Title:** South Downtown Traffic Improvements

Department Name: Transportation, Engineering & Development **CIP Status:** Changed - Non Recurring **Category Code:** C **Sector:** Northwest

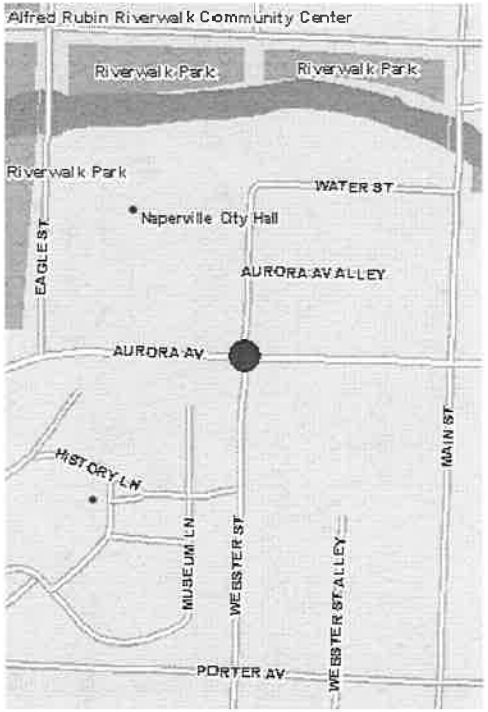
Criteria Funding **WF Number:**

Project Purpose:

This project supports the implementation of the Traffic Safety component of the Comprehensive Transportation Plan. FUNCTION(S): Safety.

Project Narrative:

As recommended by the South Downtown Traffic Management Study, this project involves the installation of a traffic signal at the intersection of Aurora Avenue and Webster Street. NOTE: Project has been reprogrammed from FY14-15 to FY15-16 to coordinate with developer's new schedule.



External Funding Sources Available

Water Street Developer

Projected Timetable

Construction in FY15-16.

Impact on Operating Budget

The new traffic signal will add annual maintenance costs of $2,440.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	2,440	2,440	2,440	2,440	2,440	12,200
Subtotal	2,440	2,440	2,440	2,440	2,440	12,200
					Prior Year(s) Impact	0
					Total Project Impact	12,200

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
G.O. Bond: Prior Issues	150,000	0	0	0	0	150,000
Developer Contribution	150,000	0	0	0	0	150,000
Subtotal	300,000	0	0	0	0	300,000
					Prior Year(s) Expenditures	10,751
					Total All Sources	310,751

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	300,000	0	300,000	0	0	0	0	300,000
Engineering	0	0	10,751	0	0	0	0	0	0
Subtotal	0	300,000	10,751	300,000	0	0	0	0	300,000
								Prior Year(s) Expenditures	10,751
								Total Project Cost	310,751

Project Number: TC212 **Project Title:** Downtown Wayfinding

Department Name: Transportation, Engineering & Development **CIP Status:** Changed - Non Recurring **Category Code:** C **Sector:** Northeast

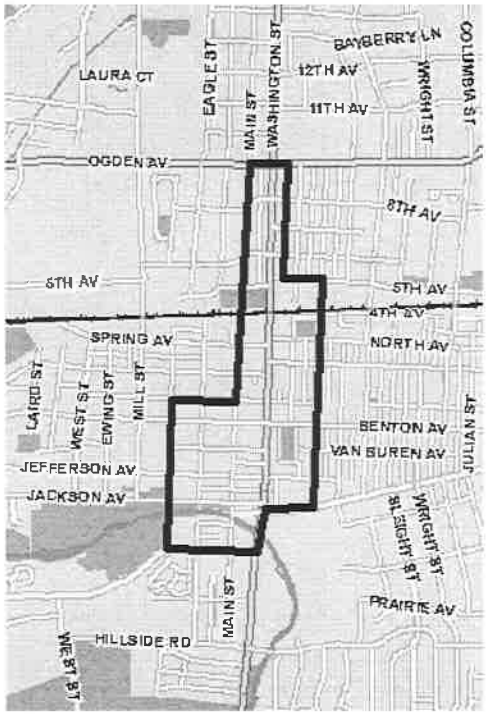
Criteria Need **WF Number:** (none)

Project Purpose:

This project supports the implementation of multiple studies and the Pedestrian, Bicycle and Traffic Safety components of the Comprehensive Transportation Plan. FUNCTION(S): Bicycle and Pedestrian and Safety.

Project Narrative:

The scope of this project includes the design and installation of consistent Downtown wayfinding utilizing and incorporating the recommendations from several studies: 5th Avenue Study, Washington Streetscape Study, Downtown Parking Management Study, South Downtown Parking Study and the Downtown Plan update. NOTE: The start of the project is reprogrammed from FY15-16 to FY16-17.



External Funding Sources Available

None

Projected Timetable

Design Engineering in FY16-17. Construction in FY17-18.

Impact on Operating Budget

The anticipated maintenance costs will be determined after the design is known.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
SSA Fund	0	37,080	190,962	0	0	228,042
Subtotal	0	37,080	190,962	0	0	228,042
					Prior Year(s) Expenditures	0
					Total All Sources	228,042

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	0	0	0	190,962	0	0	190,962
Engineering	0	0	0	0	37,080	0	0	0	37,080
Subtotal	0	0	0	0	37,080	190,962	0	0	228,042
								Prior Year(s) Expenditures	0
								Total Project Cost	228,042

Project Number: TC217 **Project Title:** Centralized Traffic Management System

Department Name: Transportation, Engineering & Development **CIP Status:** Changed - Non Recurring **Category Code:** B **Sector:** Various

Criteria **WF Number:** (none)

Coordination, Funding, Investment, Need

Project Purpose:

This project supports the implementation of the Improve Traffic Flow and Congestion strategic plan goal and the Intelligent Transportation Systems component of the Comprehensive Transportation Plan. It also supports the goals of the countywide Transportation Coordination Initiative. FUNCTION: Reduce Congestion, Environmental Sustainability.

Project Narrative:

This project consists of installing new traffic signal management software, connecting the three signal systems along Washington Street, and upgrading the existing signal cabinets to replace the existing dial up system with ethernet communications. This system will allow connectivity with the traffic management systems operated by Aurora and DuPage County; leverage the existing fiber network; create additional operating efficiencies in the signal corridors; respond to maintenance issues more quickly; and support new features. Later phases will be added to integrate additional signal corridors. Federal funding for over 75% of construction costs have been secured. NOTE: Based compatibility issues with existing equipment that were identify during the detailed engineering design, costs have been revised. FY15 Funding has been reprogrammed to allow additional time for new IDOT/FHWA review processes.

External Funding Sources Available

Congestion Mitigation and Air Quality Funding (Federal) / Surface Transportation Program (Federal)

Projected Timetable

Design of Centralized Traffic Management System (CTMS) completed in FY13-14. Construction / Construction Engineering of CTMS in FY15-16. Design of Adaptive Traffic Signal Control (ATSC) in FY15-16. Construction / Construction Engineering of ATSC in FY16-17.

Impact on Operating Budget

The CTMS will add annual software maintenance of $18,500.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	18,500	18,500	18,500	55,500
Subtotal	0	0	18,500	18,500	18,500	55,500
					Prior Year(s) Impact	0
					Total Project Impact	55,500

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
G.O. Bond: Prior Issues	120,000	0	0	0	0	120,000
Other Government	1,347,000	1,120,000	0	0	0	2,467,000
Unfunded Capital	293,000	280,000	0	0	0	573,000
Subtotal	1,760,000	1,400,000	0	0	0	3,160,000
					Prior Year(s) Expenditures	173,202
					Total All Sources	3,333,202

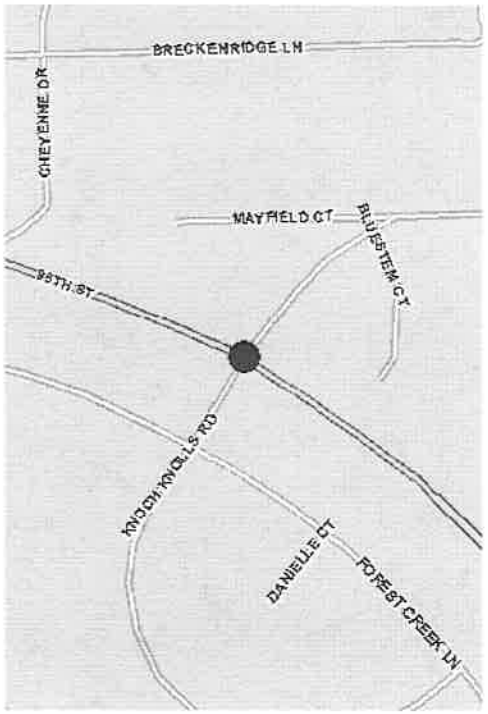
Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	13,140	950,000	85,422	1,560,000	1,400,000	0	0	0	2,960,000
Engineering	0	300,000	74,640	200,000	0	0	0	0	200,000
Subtotal	13,140	1,250,000	160,062	1,760,000	1,400,000	0	0	0	3,160,000
								Prior Year(s) Expenditures	173,202
								Total Project Cost	3,333,202

Project Number: TC218 **Project Title:** 95th Street and Knoch Knolls Road Traffic Signal
Department Name: Transportation, Engineering & Development **CIP Status:** Changed - Non Recurring **Category Code:** C **Sector:** Southeast
Criteria Need **WF Number:** (none)

Project Purpose:
This project supports the implementation of the Traffic Safety component of the Comprehensive Transportation Plan.
FUNCTION(S): Safety.

Project Narrative:
95th Street and Knoch Knolls Road is currently a four-way stop controlled intersection. The Project Development Report (PDR) that is part of the 95th Street Extension (BR017) project, identified this intersection as a free-flow intersection (not stop controlled). The purpose of the project is to install a new traffic signal at the intersection of 95th Street and Knoch Knolls Road in accordance with the PDR. The City will coordinate this project with the construction of the 95th Street Extension (BR017) and the approval of Will County.
NOTE: The Construction of the project is reprogrammed from FY15-16 to FY16-17.



External Funding Sources Available
None

Projected Timetable
Construction in FY17.

Impact on Operating Budget
The new traffic signal will add annual maintenance and energy costs of $2,440.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	2,440	2,440	2,440	7,320
Subtotal	0	0	2,440	2,440	2,440	7,320
					Prior Year(s) Impact	0
					Total Project Impact	7,320

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	0	309,000	0	0	0	309,000
Subtotal	0	309,000	0	0	0	309,000
					Prior Year(s) Expenditures	16,701
					Total All Sources	325,701

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	0	0	309,000	0	0	0	309,000
Engineering	7,509	0	9,192	0	0	0	0	0	0
Subtotal	7,509	0	9,192	0	309,000	0	0	0	309,000
								Prior Year(s) Expenditures	16,701
								Total Project Cost	325,701

Project Number: TC219 **Project Title:** 103rd Street and 248th Avenue Traffic Signal

Department Name: Transportation, Engineering & Development **CIP Status:** Previous Year - No Change **Category Code:** A **Sector:** Southwest

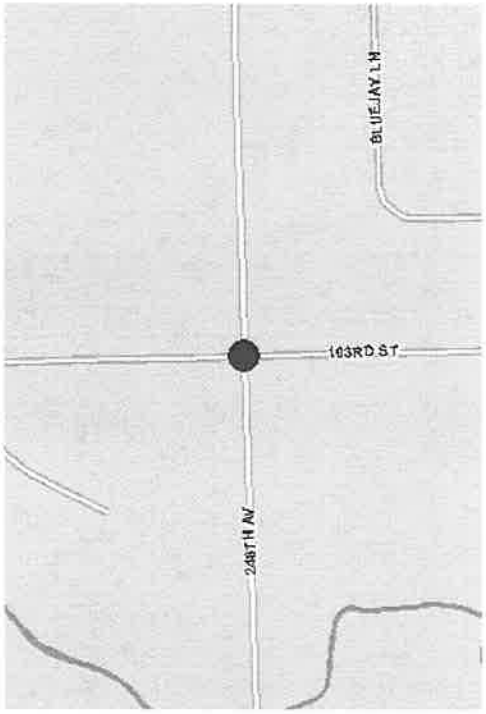
Criteria Investment, Need **WF Number:**

Project Purpose:

This project supports the implementation of the Traffic Safety component of the Comprehensive Transportation Plan.
FUNCTION(s): Safety, Reduce Congestion.

Project Narrative:

This project includes the installation of a new traffic signal at the intersection of 103rd Street and 248th Avenue with interconnect to the existing traffic signals at 95th Street with 248th Avenue and 111th Street with 248th Avenue. A signal warrant analysis conducted in 2013 indicates that the intersection meets traffic volume warrants for the installation of a traffic signal.



External Funding Sources Available

None

Projected Timetable

Design Engineering completed in FY14-15. Construction in FY15-16.

Impact on Operating Budget

This project will add annual traffic signal maintenance and operating costs of $2,440 beginning in FY15-16.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	2,440	2,440	2,440	2,440	2,440	12,200
Subtotal	2,440	2,440	2,440	2,440	2,440	12,200
					Prior Year(s) Impact	0
					Total Project Impact	12,200

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	325,000	0	0	0	0	325,000
Subtotal	325,000	0	0	0	0	325,000
					Prior Year(s) Expenditures	0
					Total All Sources	325,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	0	325,000	0	0	0	0	325,000
Engineering	0	30,000	0	0	0	0	0	0	0
Subtotal	0	30,000	0	325,000	0	0	0	0	325,000
								Prior Year(s) Expenditures	0
								Total Project Cost	325,000

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Recurring Projects

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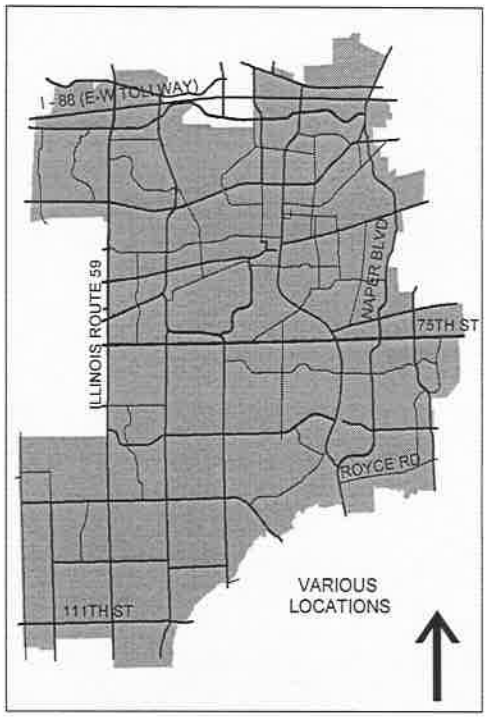
Project Number: CS006 **Project Title:** New Sidewalk Improvements
Department Name: Transportation, Engineering & Development **CIP Status:** Annual **Category Code:** A **Sector:** Various
Criteria Funding, Need **WF Number:** (none)

Project Purpose:
This project supports the Pedestrian component of the Comprehensive Transportation Plan and the Comprehensive Sidewalk Policy. FUNCTION(S): Bicycle and Pedestrian, and Environmental Sustainability.

Project Narrative:
This project provides new public sidewalk installation to fill gaps along arterial and collector roadways and on school walk routes. NOTE: The FY14-15 work locations approved by TAB (September 7, 2013) and City Council (October 1, 2013), were deferred to FY15-16 for the Safe Routes to School grant funding. NOTE: Funding has been reprogrammed to FY15-16 to complete the work.



External Funding Sources Available
Safe Routes to School funding $160K

Projected Timetable
This is an annual program.

Impact on Operating Budget
Sidewalk Maintenance costs are increased $480 per year due to new sidewalk being added to the city system. Sidewalk maintenance costs on average are $0.06/lf.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	480	960	1,440	1,920	2,400	7,200
Subtotal	480	960	1,440	1,920	2,400	7,200
					Prior Year(s) Impact	0
					Total Project Impact	7,200

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Other Government	160,000	0	0	0	0	160,000
Unfunded Capital	140,000	300,000	300,000	300,000	300,000	1,340,000
Subtotal	300,000	300,000	300,000	300,000	300,000	1,500,000
					Prior Year(s) Expenditures	1,187,989
					Total All Sources	2,687,989

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	1,111,635	300,000	1,619	300,000	300,000	300,000	300,000	300,000	1,500,000
Engineering	39,734	0	35,000	0	0	0	0	0	0
Subtotal	1,151,369	300,000	36,619	300,000	300,000	300,000	300,000	300,000	1,500,000
								Prior Year(s) Expenditures	1,187,989
								Total Project Cost	2,687,989

Project Number: MB035 **Project Title:** Municipal Parking Lot Maintenance

Department Name: Transportation, Engineering & Development **CIP Status:** Recurring **Category Code:** B **Sector:** Various

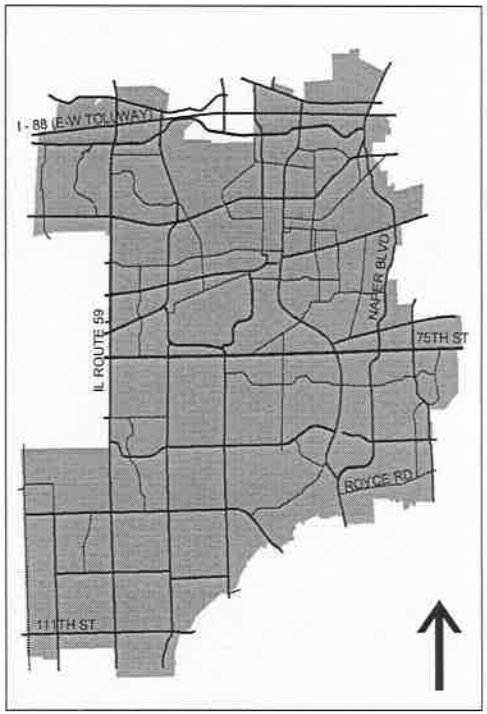
Criteria Need **WF Number:** (none)

Project Purpose:

This project supports the implementation of the Traffic Safety component of the Comprehensive Transportation Plan.
FUNCTION(S): Preservation, and Safety.

Project Narrative:

This project will provide parking lot maintenance for City maintained public parking areas such as commuter parking lots (5th Ave, Rt 59, Kroehler and etc), downtown public parking lots (Paw Paw, Van Buren and etc.) and various municipal buildings such as fire stations. NOTE: FY15-16 projects include resurfacing Fire Station #7, seal coat and stripe RT 59 and Paw Paw parking lot. FY16-17 projects include seal coat and stripe 5th Ave station, Fire Station #1, #2, #3, #4, #5, #6 and #10, Central parking and Court Place, Van Buren Parking lot, Riverview, Riverwalk, Kroehler, 4th Ave, Park View parking lots. FY15-16 and FY16-17 projects will be combined for bidding and construction purposes. This will allow the City to receive better prices due to increased quantity. The combined project will be bid in February 2016 and constructed during the Summer of 2016.



External Funding Sources Available

None

Projected Timetable

Construction in FY15-16 through FY19-20

Impact on Operating Budget

This project will not increase the operating budget. However, deferral of the planned work will increase future maintenance program quantities and correspond to increased costs.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
SSA Fund	21,000	2,000	136,700	0	20,300	180,000
Commuter Parking Fund	241,000	94,500	40,100	69,000	71,800	516,400
Unfunded Capital	80,000	76,500	5,500	172,100	0	334,100
Subtotal	342,000	173,000	182,300	241,100	92,100	1,030,500
					Prior Year(s) Expenditures	2,596,339
					Total All Sources	3,626,839

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	1,678,613	142,000	825,959	342,000	173,000	182,300	241,100	92,100	1,030,500
Engineering	78,767	0	0	0	0	0	0	0	0
Equip. & Furnishing	13,000	0	0	0	0	0	0	0	0
Subtotal	1,770,380	142,000	825,959	342,000	173,000	182,300	241,100	92,100	1,030,500
								Prior Year(s) Expenditures	2,596,339
								Total Project Cost	3,626,839

Project Number: MP004 **Project Title:** Sidewalk & Curb Replacement Program

Department Name: Transportation, Engineering & Development **CIP Status:** Annual **Category Code:** A **Sector:** Various

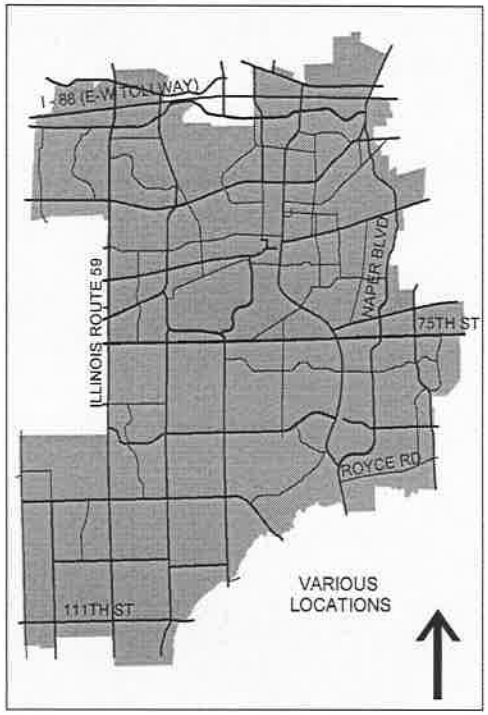
Criteria Coordination, Mandate, Need **WF Number:** (none)

Project Purpose:

This project supports the implementation of the Pedestrian component of the Comprehensive Transportation Plan.
FUNCTION(S): Preservation, Bicycle and Pedestrian, and Safety.

Project Narrative:

This is an annual program to provide curb and sidewalk repair and replacement throughout the City. This program keeps the overall public sidewalk system in good repair and reduces liability to the City and property owners. Sidewalks are replaced on a cost sharing basis. Curbs are repaired when warranted at 100% cost to the City. The city has made available a social services budget of $10,000 to provide refunds to eligible low income property owners for their share of the sidewalk work. NOTE: Funds have been added to FY 15-16 and FY 16-17 to complete brick sidewalk work in the Central Business District.



External Funding Sources Available

Property Owners

Projected Timetable

This is an annual construction project.

Impact on Operating Budget

The work in this project is scheduled to optimize the use of sidewalk maintenance funds. Deferral of this work will increase future maintenance program quantities and correspond to an increased cost of the work.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
General Fund	10,000	10,000	10,000	10,000	10,000	50,000
SSA Fund	60,000	60,000	0	0	0	120,000
Private Contributions	97,000	97,000	97,000	97,000	97,000	485,000
Unfunded Capital	388,000	388,000	388,000	388,000	388,000	1,940,000
Subtotal	555,000	555,000	495,000	495,000	495,000	2,595,000
					Prior Year(s) Expenditures	3,312,716
					Total All Sources	5,907,716

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	2,861,999	375,000	404,545	555,000	555,000	495,000	495,000	495,000	2,595,000
Engineering	36,110	0	0	0	0	0	0	0	0
Services	63	0	10,000	0	0	0	0	0	0
Subtotal	2,898,171	375,000	414,545	555,000	555,000	495,000	495,000	495,000	2,595,000
								Prior Year(s) Expenditures	3,312,716
								Total Project Cost	5,907,716

Project Number: MP009 **Project Title:** Street Maintenance Improvement Program

Department Name: Transportation, Engineering & Development **CIP Status:** Annual **Category Code:** A **Sector:** Various

Criteria Coordination, Funding, Need **WF Number:** (none)

Project Purpose:

This project supports the implementation of the Traffic Safety component of the Comprehensive Transportation Plan. FUNCTION(S): Preservation, Safety, and Environmental Sustainability.

Project Narrative:

This is an annual program which maintains existing city streets by the following maintenance techniques: Reconstruction, resurfacing, patching, micro-surfacing, and crackfill. Street resurfacing and reconstruction involves grinding and overlay, sidewalk and curb repair, and street replacement as warranted. Street patching involves mostly pothole repairs. Micro-surfacing reconditions existing streets by a very thin asphalt overlay. The city has secured Local Agency Functional Overlay (LAFO) funding through DuPage Mayors and Managers Council to resurface Plank Road (Columbia to Naperville/Wheaton) - $358,000, Werhli Road (Lisson to 75th) - $408,000, and 87th Street (RT59 to Book) - $397,000. NOTE: $11.6M has been reduced to $10.6M to fill the citywide General Fund gap in FY15-16.

External Funding Sources Available

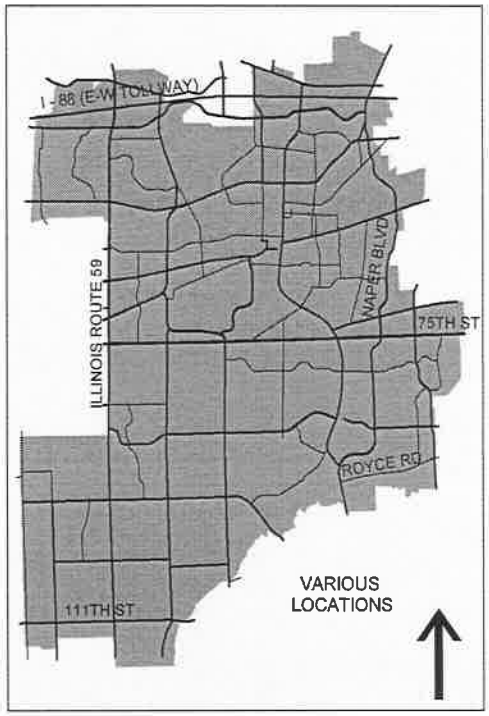
Local Agency Functional Overlay (Federal)

Projected Timetable

This is an annual construction project.

Impact on Operating Budget

Deferral of this pavement preservation work will increase future maintenance program quantities and correspond to an increased cost of the work.



Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
General Fund	4,600,000	4,834,000	5,203,000	5,600,000	5,600,000	25,837,000
Other Government	0	766,000	397,000	0	0	1,163,000
Motor Fuel Tax	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	17,500,000
Local Motor Fuel Tax	2,100,000	2,100,000	2,100,000	2,100,000	2,100,000	10,500,000
Road & Bridge Fund	400,000	400,000	400,000	400,000	400,000	2,000,000
Subtotal	10,600,000	11,600,000	11,600,000	11,600,000	11,600,000	57,000,000
					Prior Year(s) Expenditures	74,287,865
					Total All Sources	131,287,865

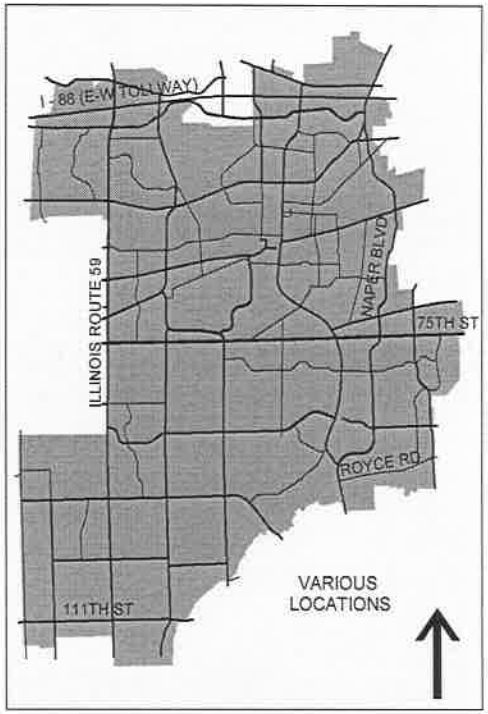
Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	55,332,993	11,600,000	12,125,182	10,600,000	11,600,000	11,600,000	11,600,000	11,600,000	57,000,000
Engineering	6,759,690	0	10,000	0	0	0	0	0	0
Services	30,000	0	30,000	0	0	0	0	0	0
Subtotal	62,122,683	11,600,000	12,165,182	10,600,000	11,600,000	11,600,000	11,600,000	11,600,000	57,000,000
								Prior Year(s) Expenditures	74,287,865
								Total Project Cost	131,287,865

Project Number: MP016 **Project Title:** Bikeway System Maintenance Program
Department Name: Transportation, Engineering & Development **CIP Status:** Recurring **Category Code:** B **Sector:** Various
Criteria Coordination, Need **WF Number:** (none)

Project Purpose:
This project supports the Bicycle Plan component of the Comprehensive Transportation Plan. FUNCTION(S): Preservation and Bicycle and Pedestrian.

Project Narrative:
The City's current network of off-street paths consists of nearly 8.2 miles of pavement and continues to expand. This program is intended to address the recurring capital maintenance requirements of city-owned trails and paths such as the trails along Modaff Road, Book Road, 248th Street, and Freedom Drive. Similar to the roadway maintenance program, treatments such as patching, seal coating, and resurfacing are needed to preserve the path surface and address safety issues that may develop. Implemenation of this program began in FY13-14.



External Funding Sources Available
None

Projected Timetable
Construction in FY16-17 and FY19-20.

Impact on Operating Budget
The work in this project is scheduled to optimize the life of the pavement. Deferral of this work will increase future maintenance program quantities and correspond to an increased cost of the work.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	0	100,000	0	0	100,000	200,000
Subtotal	0	100,000	0	0	100,000	200,000
					Prior Year(s) Expenditures	74,044
					Total All Sources	274,044

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	74,044	0	100,000	0	0	100,000	200,000
Subtotal	0	0	74,044	0	100,000	0	0	100,000	200,000
								Prior Year(s) Expenditures	74,044
								Total Project Cost	274,044

Project Number: MP018 **Project Title:** ADA Sidewalk Improvements

Department Name: Transportation, Engineering & Development **CIP Status:** Recurring **Category Code:** C **Sector:** Various

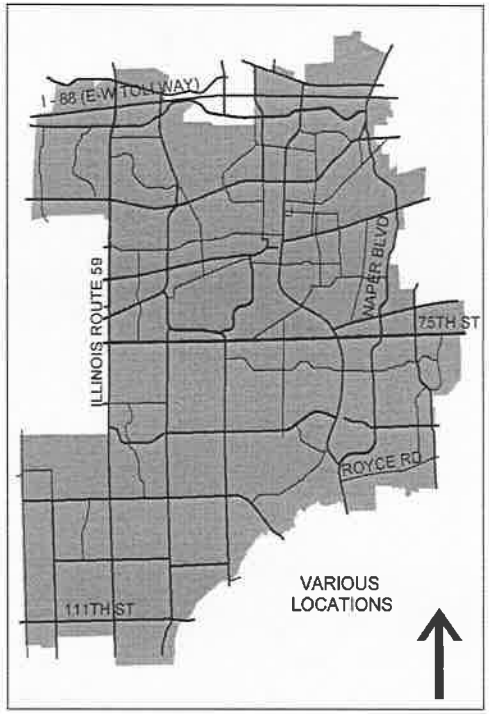
Criteria Need **WF Number:** (none)

Project Purpose:

This project supports the implementation of the Pedestrian component of the Comprehensive Transportation Plan. FUNCTION(S): Bicycle and Pedestrian, Preservation, and Safety. This program improves safety and accessibility by removing sidewalk barriers for persons with disabilities to meet ADA (Americans with Disabilities Act) standards.

Project Narrative:

This project will implement ADA sidewalk improvements in specific focus areas supporting the city's ADA Transition Plan. These include locations which experience high pedestrian use and are in direct proximity to accessible facilities like public buildings, assisted living centers, and transit access locations. Work includes the installation of depressed curbs, detectable warning surfaces, level landing areas at intersections, and other sidewalk work to facilitate accessible routes. Work locations will be determined based on condition surveys, public input, and programmatic focus locations. FY 15-16, involves the installation of accessible sidewalk at traffic signal corners to improve the access to pedestrian push buttons.



External Funding Sources Available

None

Projected Timetable

Construction annually.

Impact on Operating Budget

Curb and sidewalk maintenance costs are increased $200 per year due to new sidewalk being added to the city system. Curb and sidewalk maintenance costs on average are $0.14/lf.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	400	600	800	1,000	1,200	4,000
Subtotal	400	600	800	1,000	1,200	4,000
					Prior Year(s) Impact	0
					Total Project Impact	4,000

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	100,000	100,000	100,000	100,000	100,000	500,000
Subtotal	100,000	100,000	100,000	100,000	100,000	500,000
					Prior Year(s) Expenditures	97,522
					Total All Sources	597,522

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	6,375	100,000	91,146	100,000	100,000	100,000	100,000	100,000	500,000
Subtotal	6,375	100,000	91,146	100,000	100,000	100,000	100,000	100,000	500,000
								Prior Year(s) Expenditures	97,522
								Total Project Cost	597,522

Project Number: SC099 **Project Title:** Street Safety and Improvement Program

Department Name: Transportation, Engineering & Development **CIP Status:** Annual **Category Code:** B **Sector:** Various

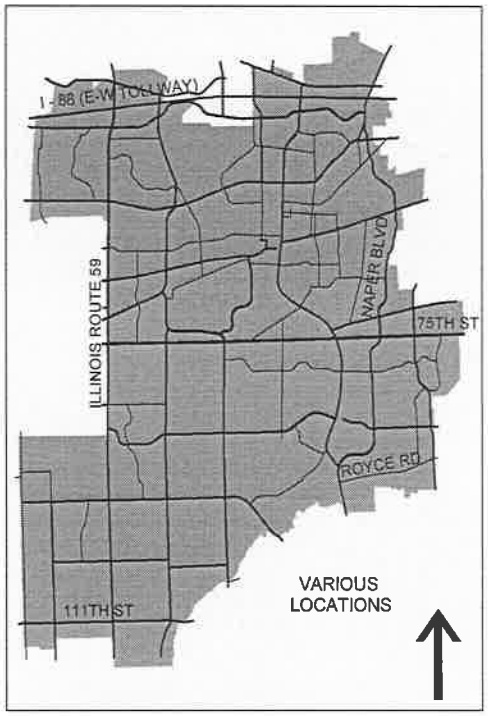
Criteria Investment, Need **WF Number:** (none)

Project Purpose:

This project supports the implementation of the Traffic Safety and Intelligent Transportation System components of the Comprehensive Transportation Plan. FUNCTION(S): Safety, and Reduce Congestion.

Project Narrative:

This project involves studying and implementing various safety and small-scale transportation improvements to reduce accidents, traffic delay, and congestion. For FY15-16, the work involves the installation of accessible pedestrian signals at the intersection of Ogden Avenue and Washington Street in addition to other minor traffic safety projects.



External Funding Sources Available

None

Projected Timetable

This is an annual project.

Impact on Operating Budget

This project will add $150 per year in maintenance costs.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	150	300	450	600	750	2,250
Subtotal	150	300	450	600	750	2,250
					Prior Year(s) Impact	0
					Total Project Impact	2,250

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	75,000	75,000	75,000	75,000	75,000	375,000
Subtotal	75,000	75,000	75,000	75,000	75,000	375,000
					Prior Year(s) Expenditures	527,520
					Total All Sources	902,520

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	201,265	60,000	101,031	60,000	60,000	60,000	60,000	60,000	300,000
Engineering	225,224	15,000	0	15,000	15,000	15,000	15,000	15,000	75,000
Subtotal	426,489	75,000	101,031	75,000	75,000	75,000	75,000	75,000	375,000
								Prior Year(s) Expenditures	527,520
								Total Project Cost	902,520

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Appendix A

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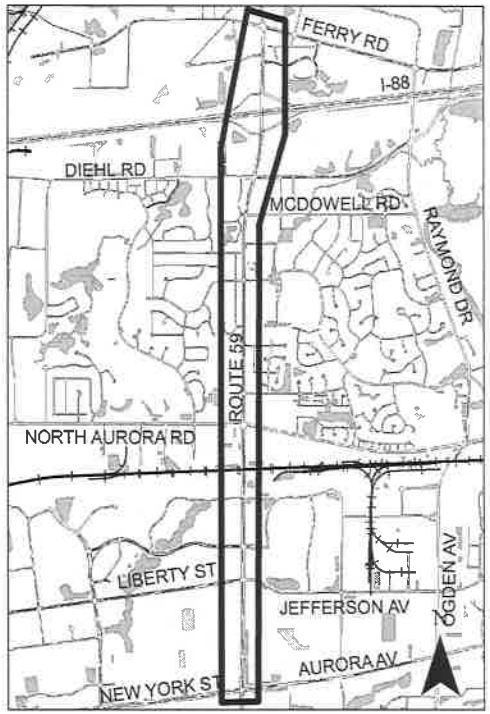
Project Number: SC220 **Project Title:** Route 59 Improvement: Aurora Avenue to Ferry Road
Department Name: Transportation, Engineering & Development **CIP Status:** Appendix A **Category Code:** A **Sector:** Northwest
Criteria Funding, Mandate, Investment, Need **WF Number:** (none)

Project Purpose:
This project supports the implementation of the Improve Traffic Flow and Congestion strategic plan goal and the Road Improvement Plan for multiple intersections. FUNCTION(S): Reduce Congestion and Safety.

Project Narrative:
This project will provide three through lanes and additional turn lanes along Route 59 from Aurora Avenue to Ferry Road. The major intersections along the corridor will also be improved with additional lanes. The project is included in the State of Illinois 2010-2015 Capital Plan. Funding has been programmed for Naperville's local share of items such as sidewalk and bikeway, street lighting and improvements to intersections under city jurisdiction. Developer funding pertains to traffic signal installation at the Target/Westridge driveway entrance on Jefferson Avenue. NOTE: Developer funded construction dollars have been reprogrammed to FY14-15 based on the current schedule.



External Funding Sources Available
Developer

Projected Timetable
Construction began in FY 13-14 and will continue in FY 14-15.

Impact on Operating Budget
This improvement will add approximately 2.0 lane miles of pavement to portions of intersections under city jurisdiction, increasing pavement maintenance and snow plowing costs. Estimated cost is $4,500 per year starting in FY14-15.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	4,500	4,500	4,500	4,500	4,500	22,500
Subtotal	4,500	4,500	4,500	4,500	4,500	22,500
					Prior Year(s) Impact	0
					Total Project Impact	22,500

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Subtotal	0	0	0	0	0	0
					Prior Year(s) Expenditures	3,421,823
					Total All Sources	3,421,823

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	380,939	2,025,000	2,025,748	0	0	0	0	0	0
Engineering	1,007,914	0	0	0	0	0	0	0	0
Services	7,222	0	0	0	0	0	0	0	0
Subtotal	1,396,075	2,025,000	2,025,748	0	0	0	0	0	0
								Prior Year(s) Expenditures	3,421,823
								Total Project Cost	3,421,823

Project Number: SC240 **Project Title:** Main Street: Benton to Van Buren
Department Name: Transportation, Engineering & Development **CIP Status:** Appendix A **Category Code:** LR **Sector:** Northwest
Criteria Coordination, Funding **WF Number:** (none)

Project Purpose:
This project supports the implementation of the Downtown Plan and pavement maintenance. FUNCTION(S): Preservation.

Project Narrative:
This project involves street construction work for one block of Main Street including replacement of storm sewer on Benton Avenue. The project is coordinated with the Main Street Promenade development. The developer will install new sidewalks, curbs and other street and parkway features as defined by the Downtown Plan Guidelines. The City's share of the cost is associated with the reconstruction of the street pavement. NOTE: Construction was advanced to FY13-14 to coordinate with the Main Street Promenade East development.

External Funding Sources Available
None

Projected Timetable
Construction completed in FY13-14.

Impact on Operating Budget
Annual maintenance of $2,000 will be added for streetscape elements.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	2,000	2,000	2,000	2,000	2,000	10,000
Subtotal	2,000	2,000	2,000	2,000	2,000	10,000
					Prior Year(s) Impact	0
					Total Project Impact	10,000

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Subtotal	0	0	0	0	0	0
					Prior Year(s) Expenditures	270,000
					Total All Sources	270,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	270,000	0	0	0	0	0	0
Subtotal	0	0	270,000	0	0	0	0	0	0
								Prior Year(s) Expenditures	270,000
								Total Project Cost	270,000

Project Number: TC195 **Project Title:** Route 59 and Lacrosse Traffic Signal

Department Name: Transportation, Engineering & Development **CIP Status:** Appendix A **Category Code:** C **Sector:** Southwest

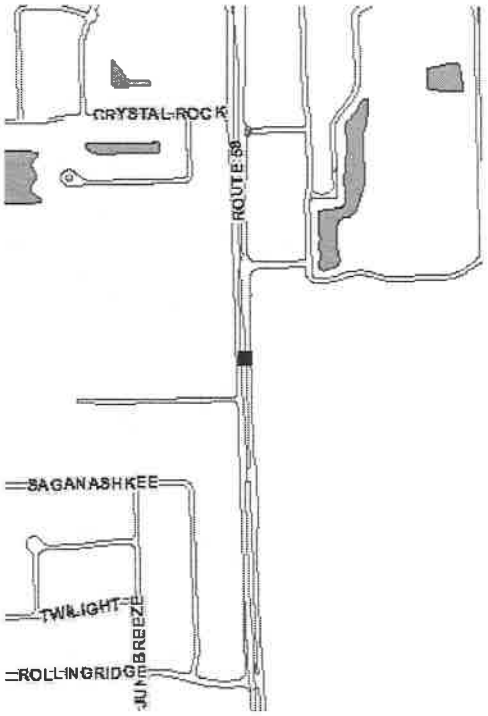
Criteria Need **WF Number:** (none)

Project Purpose:

This project supports the implementation of the Traffic Safety component of the Comprehensive Transportation Plan. FUNCTION(S): Safety.

Project Narrative:

This project involved the installation of a traffic signal and associated turn lane improvements at the intersection of Route 59 and Lacrosse Lane. The funding for the project included costs for construction of a private benefit traffic signal. The costs will be reimbursed to the City by the benefitting property owners through a Special Service Area agreement.



External Funding Sources Available

Special Service Area Assessment #25

Projected Timetable

Preliminary and Design Engineering in FY12-13. Construction Engineering in FY13-14. Construction in FY14-15.

Impact on Operating Budget

This project will not impact the operating budget because the electric and maintenance costs associated with the traffic signal will be reimbursed by the private property owners.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Subtotal	0	0	0	0	0	0
					Prior Year(s) Expenditures	843,002
					Total All Sources	843,002

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	750,000	636,481	0	0	0	0	0	0
Engineering	119,406	0	52,115	0	0	0	0	0	0
Equip. & Maint.	0	0	0	0	0	0	0	0	0
Services	35,000	0	0	0	0	0	0	0	0
Subtotal	154,406	750,000	688,596	0	0	0	0	0	0
								Prior Year(s) Expenditures	843,002
								Total Project Cost	843,002

Project Number: TC220 **Project Title:** Enhanced Crosswalk Installations

Department Name: Transportation, Engineering & Development **CIP Status:** Appendix A

Category Code: C **Sector:** Southwest

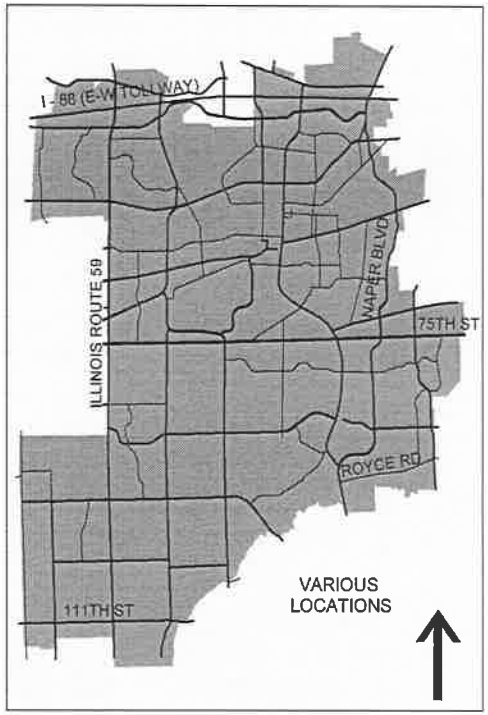
Criteria Investment **WF Number:**

Project Purpose:

This project supports the Pedestrian and Bicycle components of the Comprehensive Transportation Plan.
FUNCTION(S): Bicycle and Pedestrian and Safety.

Project Narrative:

This project involves the construction of pedestrian activated flashing warning beacons at three mid-block multi-use trail crossings in Naperville. The trail crossings are located on 83rd Street adjacent to Springbrook Prairie, Book Road adjacent to Frontier Park and 248th Avenue between Wolf's Crossing Road and 103rd Street. NOTE: Staff evaluated the existing uncontrolled crosswalk locations in the City; no other locations meet the criteria at this time.



External Funding Sources Available

None.

Projected Timetable

Construction in FY14-15.

Impact on Operating Budget

This project will result in additional annual maintenance costs in the amount of $300 per enhanced crosswalk location.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	900	900	900	900	3,600
Subtotal	0	900	900	900	900	3,600
					Prior Year(s) Impact	0
					Total Project Impact	3,600

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Subtotal	0	0	0	0	0	0
					Prior Year(s) Expenditures	81,327
					Total All Sources	81,327

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	60,000	81,327	0	0	0	0	0	0
Subtotal	0	60,000	81,327	0	0	0	0	0	0
								Prior Year(s) Expenditures	81,327
								Total Project Cost	81,327

Appendix B

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Project Number: BR024 **Project Title:** 95th Street Crossing the CN Railroad

Department Name: Transportation, Engineering & Development **CIP Status:** Appendix B **Category Code:** C **Sector:** Southwest

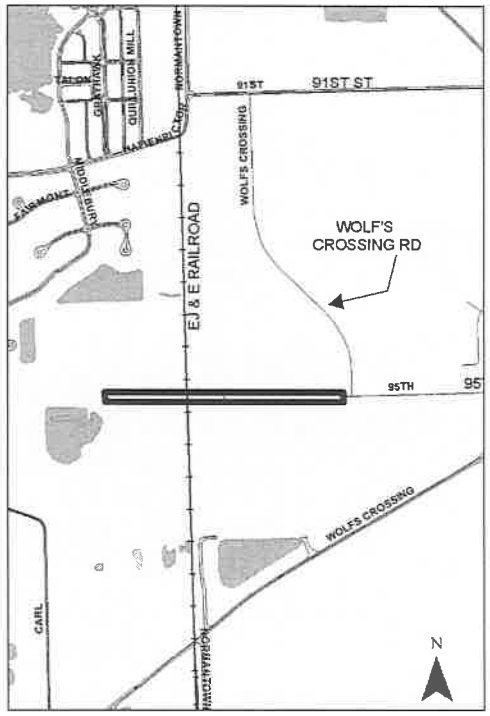
Criteria **WF Number:** (none)

Project Purpose:

This project supports the implementation of the Road Improvement Plan and the Coordinated Roadway Improvement and Traffic Safety components of the Comprehensive Transportation Plan. FUNCTION(S): Reduce Congestion, Safety, and Bicycle and Pedestrian.

Project Narrative:

This project will provide a grade separated crossing for 95th Street at the CN Railroad, which will allow for the western extension of 95th Street. This improvement has been identified in the border agreement with Aurora and the WIKADUKE 95th Street Corridor Study. Based upon the Railroad Crossing Feasibility Study, the city has identified this location as the second highest priority after the North Aurora Road underpass.



External Funding Sources Available

Projected Timetable

Preliminary Engineering in FY21-22. Design Engineering in FYxx-xx. Land acquisition in FYxx-xx. Construction in FYxx-xx.

Impact on Operating Budget

Construction will not occur in the FYxx-xx Capital Improvement Plan. Therefore, there is no impact to the FYxx-xx operating budget.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Subtotal						
					Prior Year(s) Expenditures	
					Total All Sources	

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Subtotal									
								Prior Year(s) Expenditures	
								Total Project Cost	

Project Number: MB084 **Project Title:** Transit Facility - North Aurora Road at the BNSF & CN Railroads

Department Name: Transportation, Engineering & Development **CIP Status:** Appendix B **Category Code:** **Sector:** Northwest

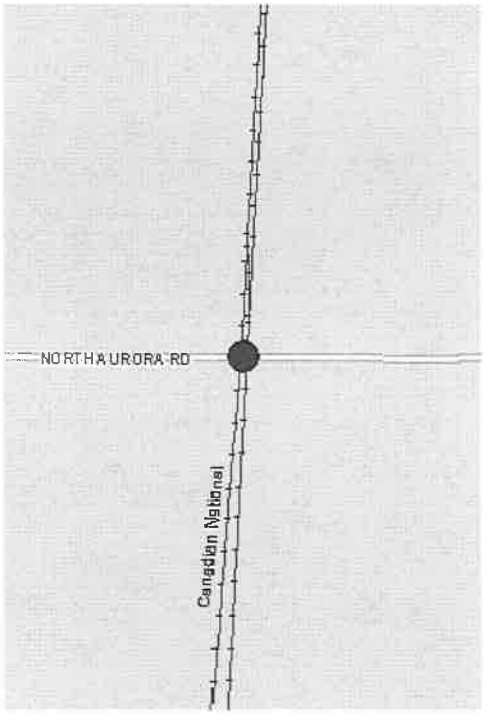
Criteria **WF Number:** (none)

Project Purpose:

This project supports the implementation of the Transit component of the Comprehensive Transportation Plan and Goal 17 of the City of Naperville Strategic Plan. FUNCTION(S): Reduce Congestion.

Project Narrative:

This project consists of the design and development of the future STAR Line station site at the northwest corner of the intersection of the Canadian National and the Burlington Northern Rail lines.



External Funding Sources Available

Projected Timetable

Impact on Operating Budget

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Subtotal	0	0	0	0	0	0
					Prior Year(s) Expenditures	4,250,000
					Total All Sources	4,250,000

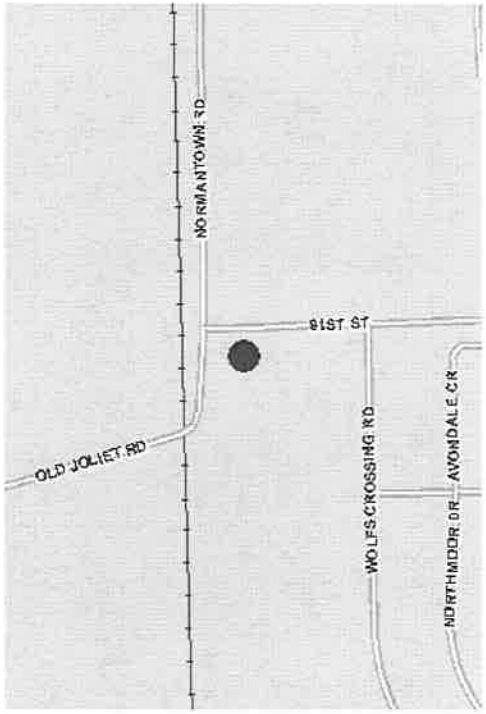
Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Land Acquisition	4,250,000	0	0	0	0	0	0	0	0
Subtotal	4,250,000	0	0	0	0	0	0	0	0
								Prior Year(s) Expenditures	4,250,000
								Total Project Cost	4,250,000

Project Number: MB155 **Project Title:** Southwest Transit Facility
Department Name: Transportation, Engineering & Development **CIP Status:** Appendix B **Category Code:** **Sector:** Southwest
Criteria **WF Number:** (none)

Project Purpose:
This project supports the implementation of the Transit component of the Comprehensive Transportation Plan.
FUNCTION: Reduce congestion.

Project Narrative:
This project involves the construction of a commuter train station for the Metra STAR Line.



External Funding Sources Available

Projected Timetable

Impact on Operating Budget

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Subtotal						
					Prior Year(s) Expenditures	
					Total All Sources	

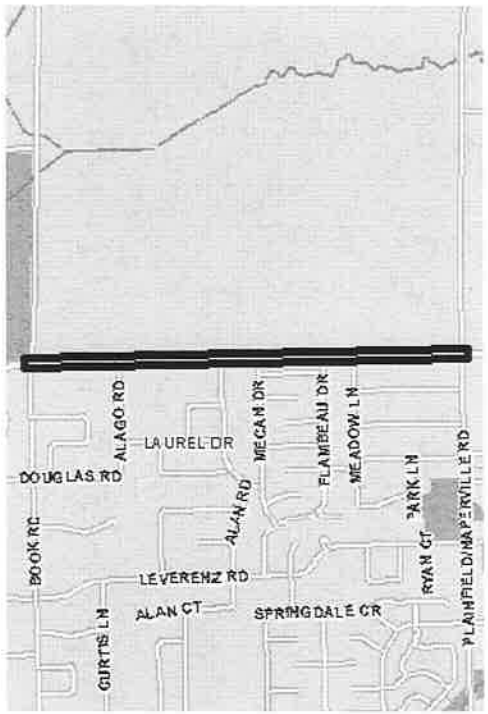
Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Subtotal									
								Prior Year(s) Expenditures	
								Total Project Cost	

Project Number: SC002 **Project Title:** 87th Street: Plainfield/Naperville Rd. to Book Rd.
Department Name: Transportation, Engineering & Development **CIP Status:** Appendix B **Category Code:** **Sector:** Southwest
Criteria **WF Number:** (none)

Project Purpose:
This project supports the implementation of the Road Improvement Plan. FUNCTION(S): Reduce Congestion and Safety.

Project Narrative:
This project involves an upgrade of the existing arterial from a two lane cross-section to a three lane cross-section. The engineering and construction of this project will be coordinated with Naperville Township, Wheatland Township, the Forest Preserve District of DuPage County and DuPage County.



External Funding Sources Available
Naperville Township, Wheatland Township, the Forest Preserve District of DuPage County and DuPage Co

Projected Timetable
Design Engineering in FY 20-21, Construction in FY 22-23.

Impact on Operating Budget
This project will add 2.0 lane miles to the City's system, increasing pavement maintenance and snow plowing costs. Anticipated maintenance costs will be determined after the design is known.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Subtotal						
					Prior Year(s) Expenditures	
					Total All Sources	

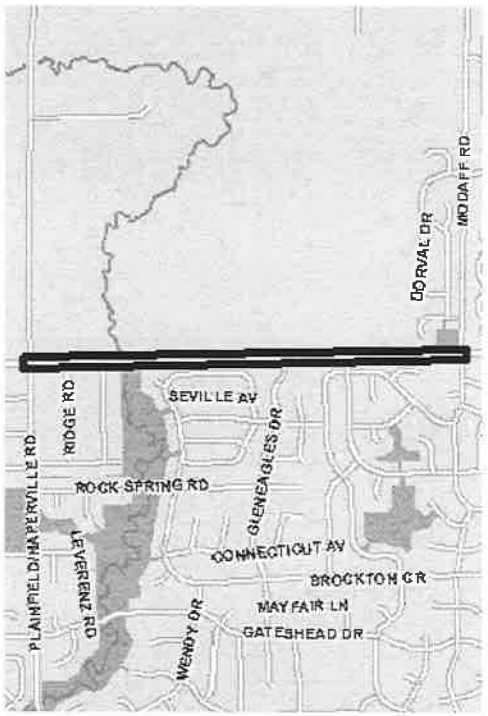
Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Subtotal									
								Prior Year(s) Expenditures	
								Total Project Cost	

Project Number: SC003 **Project Title:** 87th St.-Modaff Rd. to Plainfield/Naperville Rd.
Department Name: Transportation, Engineering & Development **CIP Status:** Appendix B **Category Code:** **Sector:** Southwest
Criteria Coordination, Need **WF Number:** (none)

Project Purpose:
This project supports the implementation of the Road Improvement Plan. FUNCTION(S): Reduce Congestion and Safety.

Project Narrative:
This project involves an upgrade of the existing arterial to include left turn lanes at each intersection. The engineering and construction of this project will be coordinated with Naperville Township, Wheatland Township, the Forest Preserve District of DuPage County and DuPage County.



External Funding Sources Available
Naperville Township, Wheatland Township, the Forest Preserve District of DuPage County and DuPage Co

Projected Timetable
Design Engineering in FY 20-21, Construction in FY 22-23.

Impact on Operating Budget
This project will add 2.0 lane miles to the City's system, increasing pavement maintenance and snow plowing costs. Anticipated maintenance costs will be determined after the design is known.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Subtotal						
					Prior Year(s) Expenditures	
					Total All Sources	

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0
Land Acquisition	0	0	0	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0	0	0	0
								Prior Year(s) Expenditures	0
								Total Project Cost	0

Project Number: SC013 **Project Title:** Bauer Road: Mill Street to Washington Street

Department Name: Transportation, Engineering & Development **CIP Status:** Appendix B **Category Code:** **Sector:** Northwest

Criteria **WF Number:** (none)

Project Purpose:

This project supports the implementation of the Traffic Safety component of the Comprehensive Transportation Plan.
FUNCTION(S): Reduce Congestion, and Safety.

Project Narrative:

This project involves the upgrade of an existing roadway to collector standards. Improvements include the installation of curb and gutter, lighting, sidewalk, a multi-use path and a storm drainage system. NOTE: The timeline for the upgrade of Bauer is scheduled to coordinate with the anticipated redevelopment of the property at the southeast corner of Bauer Road and Mill Street and/or once additional unincorporated properties along Bauer Road have been annexed to the City.

External Funding Sources Available

DuPage County

Projected Timetable

Design Engineering in FY 20-21, Construction in FY 22-23.

Impact on Operating Budget

This project will add 1.0 lane miles to the City's system, increasing pavement maintenance and snow plowing costs. Anticipated maintenance costs will be determined after the design is known.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Subtotal						
					Prior Year(s) Expenditures	
					Total All Sources	

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Subtotal									
								Prior Year(s) Expenditures	
								Total Project Cost	

Project Number: SC046 **Project Title:** Washington Street: Bauer Rd. to Rt. 34

Department Name: Transportation, Engineering & Development **CIP Status:** Appendix B **Category Code:** **Sector:** Northwest

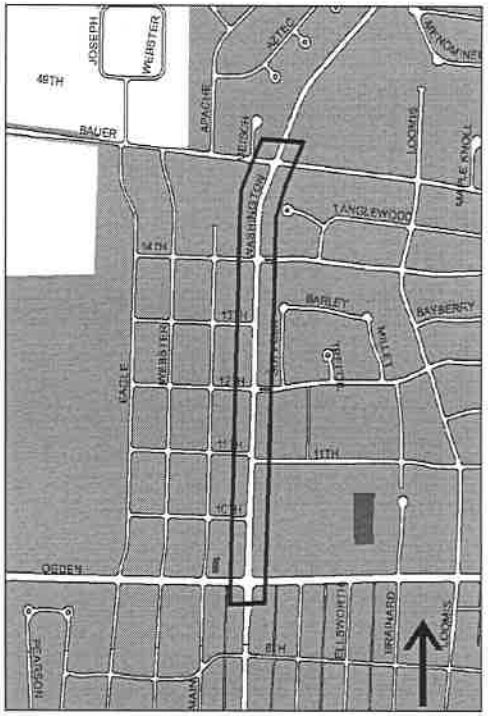
Criteria **WF Number:** (none)

Project Purpose:

This project supports the implementation of the Road Improvement Plan. FUNCTION(S): Reduce Congestion and Safety.

Project Narrative:

This project involves the widening of Washington Street from Bauer Road to US Route 34 to provide left turn capacity into the residential and commercial developments. This improvement will create better traffic flow since left turning vehicles will not block the through lanes.



External Funding Sources Available

Projected Timetable

Impact on Operating Budget

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Subtotal						
					Prior Year(s) Expenditures	
					Total All Sources	

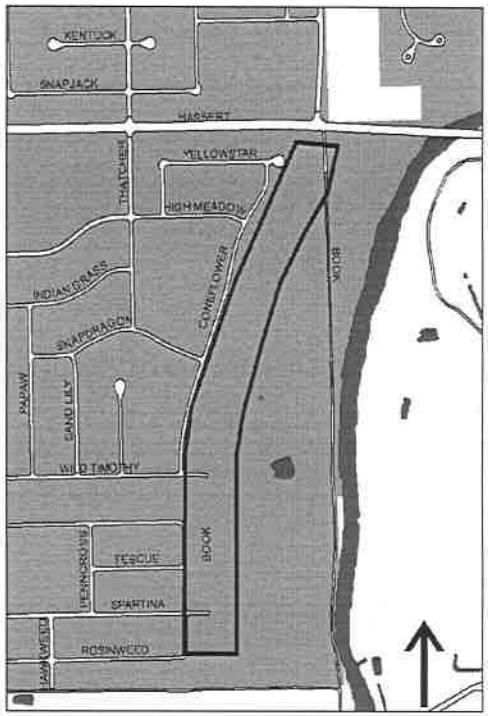
Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Subtotal									
								Prior Year(s) Expenditures	
								Total Project Cost	

Project Number: SC077 **Project Title:** Book Road: 111th St. to 117th St.
Department Name: Transportation, Engineering & Development **CIP Status:** Appendix B
Category Code: C **Sector:** Southeast
Criteria Coordination, Need **WF Number:** (none)

Project Purpose:
This project is a component of the Road Improvement Plan. FUNCTION(S): Reduce Congestion.

Project Narrative:
This project includes the extension of Book Road south of 111th Street. Work includes pavement base, curb and gutter, drainage, and lighting. This project will be coordinated with Plainfield as Book Road will extend to 119th Street.



External Funding Sources Available
None

Projected Timetable
Preliminary Engineering completed in FY08-09, Design Engineering in FY 19-20, Construction and Construction Engineering in FY20-21.

Impact on Operating Budget
Construction will not occur in the FY14-18 Capital Improvement Plan. Therefore, there is no impact on the FY14-18 operating budget.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

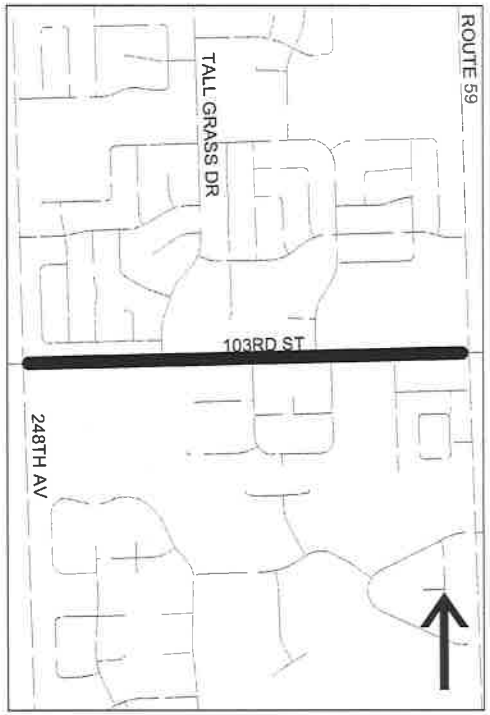
Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Subtotal	0	0	0	0	0	0
					Prior Year(s) Expenditures	99,652
					Total All Sources	99,652

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	0	0	0	0	0	0	0
Engineering	49,826	0	0	0	0	0	0	0	0
Services	49,826	0	0	0	0	0	0	0	0
Subtotal	99,652	0	0	0	0	0	0	0	0
								Prior Year(s) Expenditures	99,652
								Total Project Cost	99,652

Project Number: SC189 **Project Title:** 103rd Street: IL Route 59 to 248th Ave.
Department Name: Transportation, Engineering & Development **CIP Status:** Appendix B **Category Code:** C **Sector:** Southwest
Project Purpose: **Criteria** **WF Number:** (none)
This project supports the implementation of the Road Improvement Plan. FUNCTION(S): Reduce Congestion.

Project Narrative:
This project involves upgrading 103rd Street to minor arterial road standards. Improvements include new pavement and base, curb and gutter, street lighting, sidewalk and storm sewer.



External Funding Sources Available
None.

Projected Timetable
Preliminary Engineering in FYxx-xx. Design Engineering in FYxx-xx. Land acquisition in FYxx-xx. Construction in FYxx-xx.

Impact on Operating Budget
Construction will not occur in the FYxx-xx Capital Improvment Plan. Therefore, there is no impact to the FYxx-xx operating budget.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Subtotal	0	0	0	0	0	0
					Prior Year(s) Expenditures	117,306
					Total All Sources	117,306

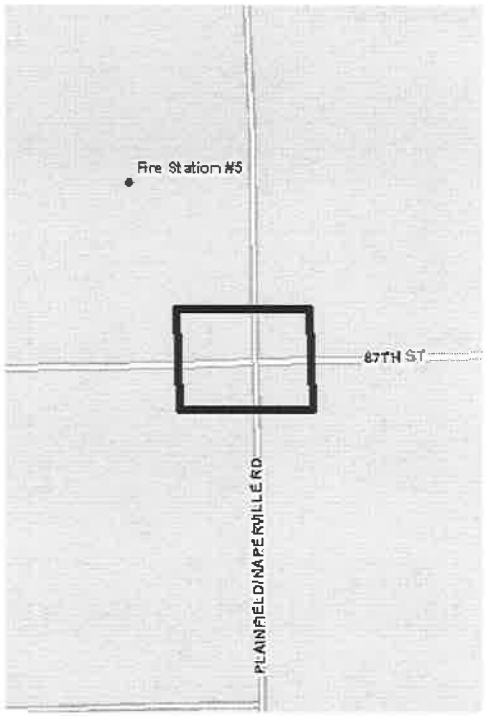
Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	34,291	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0
Land Acquisition	0	0	0	0	0	0	0	0	0
Services	83,015	0	0	0	0	0	0	0	0
Subtotal	117,306	0	0	0	0	0	0	0	0
								Prior Year(s) Expenditures	117,306
								Total Project Cost	117,306

Project Number: SC202 **Project Title:** 87th Street and Plainfield-Naperville Road
Department Name: Transportation, Engineering & Development **CIP Status:** Appendix B **Category Code:** **Sector:** Southwest
Criteria **WF Number:** (none)

Project Purpose:
This project supports the implementation of the Traffic Safety component of the Comprehensive Transportation Plan.
FUNCTION(S): Reduce Congestion and Safety.

Project Narrative:
This project involves the addition of a right turn lane on the north approach of the intersection.



External Funding Sources Available
Naperville Township, Wheatland Township, the Forest Preserve District of DuPage County and DuPage Co

Projected Timetable
Design Engineering in FY 20-21, Construction in FY 22-23.

Impact on Operating Budget
This project will add 0.25 lane miles to the City's system, increasing pavement maintenance and snow plowing costs. Anticipated maintenance costs will be determined after the design is known.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Subtotal						
					Prior Year(s) Expenditures	
					Total All Sources	

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Subtotal									
								Prior Year(s) Expenditures	
								Total Project Cost	

Project Number: SC231 **Project Title:** Washington Street and Naper Boulevard

Department Name: Transportation, Engineering & Development **CIP Status:** Appendix B **Category Code:** C **Sector:** Southeast

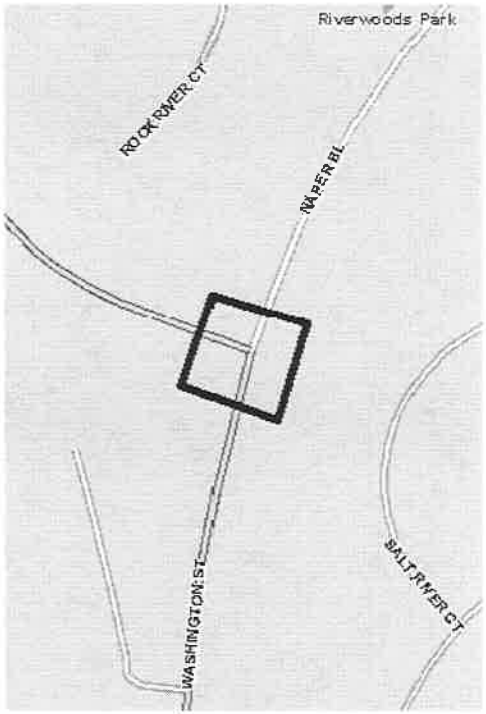
Criteria Coordination, Funding **WF Number:** (none)

Project Purpose:

This project supports the implementation of the Road Improvement Plan. FUNCTION(S): Reduce Congestion and Safety.

Project Narrative:

This project will provide a right turn lane on the north approach. This project is identified in the 2003 Comprehensive Roadway Improvement Plan and is included in the Road Improvement Program as project I23. Total cost is expected to be around $500,000.



External Funding Sources Available

None

Projected Timetable

Preliminary engineering in FY 19-20, Design engineering in FY 20-21, Land in FY 21-22, Construction and Construction engineering in FY 22-23.

Impact on Operating Budget

This project will add pavement maintenance and traffic signal maintenance costs. These costs will be determined at the time the preliminary engineering is prepared.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Subtotal						
					Prior Year(s) Expenditures	
					Total All Sources	

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0
Land Acquisition	0	0	0	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0	0	0	0
								Prior Year(s) Expenditures	0
								Total Project Cost	0

Project Number: SC232 **Project Title:** Washington Street and Royce Road

Department Name: Transportation, Engineering & Development **CIP Status:** Appendix B **Category Code:** C **Sector:** Southeast

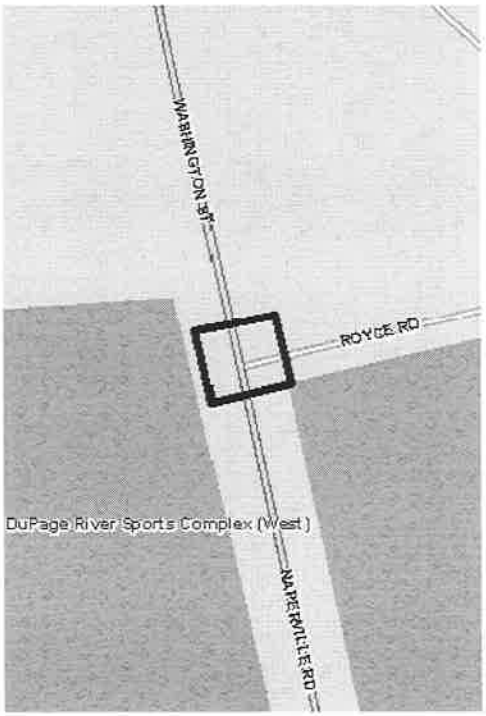
Criteria Coordination, Funding **WF Number:** (none)

Project Purpose:

This project supports the implementation of the Road Improvement Plan. FUNCTION(S): Reduce Congestion and Safety.

Project Narrative:

This project will provide a right turn lane on the north approach of Washington Street. The total estimated cost for this project is $300,000. The project is included in the Road Improvement Program as project I24.



External Funding Sources Available

None

Projected Timetable

Preliminary engineering in FY19-20, Design engineering in FY 20-21, Construction and Construction engineering in FY 22-23.

Impact on Operating Budget

This project will add pavement maintenance and traffic signal maintenance costs. These costs will be determined at the time the preliminary engineering is prepared.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Subtotal						
					Prior Year(s) Expenditures	
					Total All Sources	

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0	0	0	0
								Prior Year(s) Expenditures	0
								Total Project Cost	0

Project Number: SC242 **Project Title:** 87th and Book

Department Name: Transportation, Engineering & Development **CIP Status:** Appendix B **Category Code:** C **Sector:** Southwest

Criteria **WF Number:** (none)

Project Purpose:

This project supports the implementation of the Road Improvement Plan. FUNCTION(S): Reduce congestion.

Project Narrative:

This project involves widening the north approach of the intersection of Book Road and 87th Street to provide an exclusive right turn lane.

External Funding Sources Available

None.

Projected Timetable

Land acquisition in FY19-20. Design Engineering in FY20-21. Construction and Construction Engineering in FY21-22.

Impact on Operating Budget

Construction will not occur in the FY15-19 Capital Improvement Plan. Therefore, there is no impact to the FY15-19 operating budget.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Subtotal						
					Prior Year(s) Expenditures	
					Total All Sources	

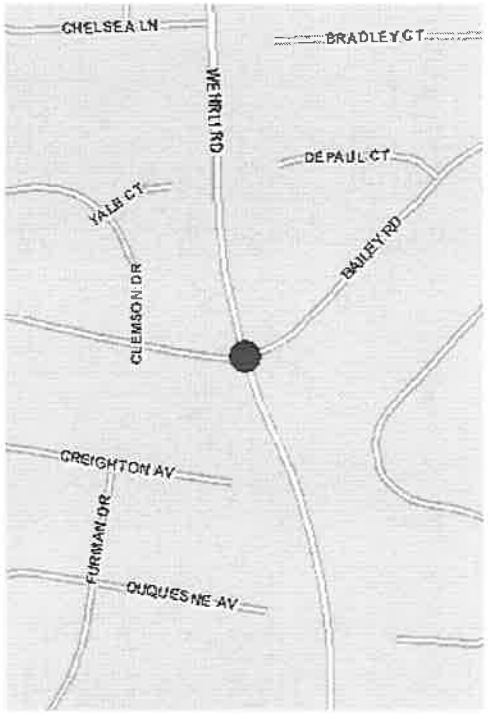
Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0
Land Acquisition	0	0	0	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0	0	0	0
								Prior Year(s) Expenditures	0
								Total Project Cost	0

Project Number: TC022 **Project Title:** Bailey Rd. and Wehrli Rd.
Department Name: Transportation, Engineering & Development **CIP Status:** Appendix B **Category Code:** **Sector:** Southeast
Criteria **WF Number:** (none)

Project Purpose:
This project supports the implementation of the Traffic Safety component of the Comprehensive Transportation Plan.
FUNCTION(S): Reduce Congestion.

Project Narrative:
This project will involve the installation of a new traffic signal at the intersection of Wehrli Road and Bailey Road. The intersection is currently under all-way stop control.



External Funding Sources Available

Projected Timetable

Impact on Operating Budget

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Subtotal						
					Prior Year(s) Expenditures	
					Total All Sources	

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Subtotal									
								Prior Year(s) Expenditures	
								Total Project Cost	

Project Number: TC184 **Project Title:** LED Replacement Program

Department Name: Transportation, Engineering & Development **CIP Status:** Appendix B

Category Code: B **Sector:** Various

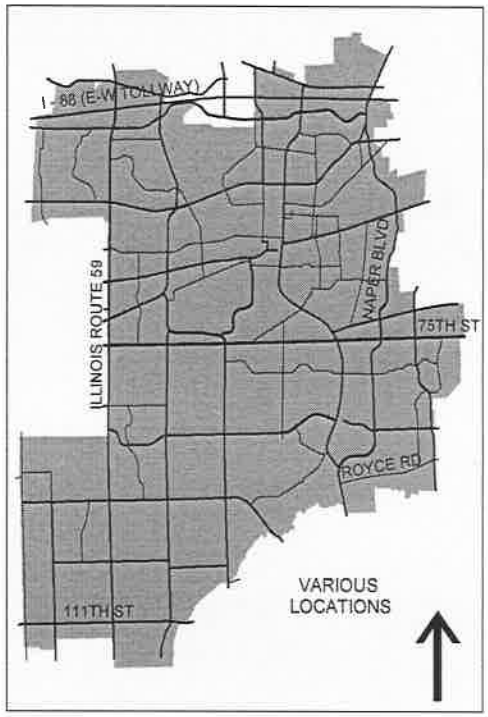
Criteria Investment, Need **WF Number:** (none)

Project Purpose:

This project supports the implementation of the Traffic Safety component of the Comprehensive Transportation Plan. FUNCTION(S): Safety, Preservation, and Environmental Sustainability.

Project Narrative:

The project includes of the scheduled replacement of the existing LED traffic signal lamps. The majority of the original LED lamps were installed in 2011 and 2013 and have a provided significant reduction in energy savings with enhanced visibility. The 5 year warranty on the original lamps also will expire beginning in August 2016 and the City will be paying for future lamp outages through the signal maintenance contract. The last project was programmed over three years to maximize the useful life of the lamps. The next replacement cycle is anticipated to commence in FY20-21.



External Funding Sources Available

None

Projected Timetable

Construction in FY 13-14. The next cycle of LED replacement will occur in FY 20-21.

Impact on Operating Budget

This project will avoid increased maintenance cost associated with the replacement of failed lamps on an individual basis.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Subtotal	0	0	0	0	0	0
					Prior Year(s) Expenditures	966,710
					Total All Sources	966,710

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	918,428	0	48,282	0	0	0	0	0	0
Subtotal	918,428	0	48,282	0	0	0	0	0	0
								Prior Year(s) Expenditures	966,710
								Total Project Cost	966,710

Project Number: TC213 **Project Title:** Book and Leverenz

Department Name: Transportation, Engineering & Development **CIP Status:** Appendix B **Category Code:** **Sector:** Southwest

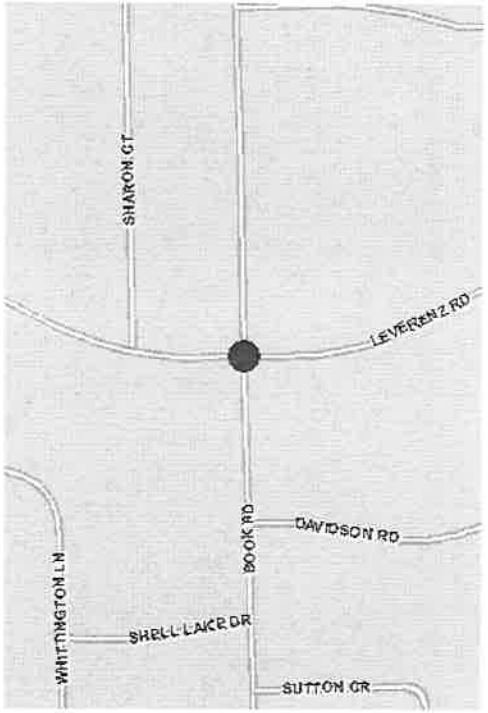
Criteria **WF Number:** (none)

Project Purpose:

This project supports the implementation of the Road Improvement Plan. FUNCTION(S): Reduce Congestion, Safety.

Project Narrative:

This project involves the installation of a traffic signal at the intersection of Book Road and Leverenz Road. The intersection is currently under two-way stop control, with Leverenz Road stopping for Book Road.



External Funding Sources Available

Projected Timetable

Impact on Operating Budget

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Subtotal						
					Prior Year(s) Expenditures	
					Total All Sources	

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Subtotal									
								Prior Year(s) Expenditures	
								Total Project Cost	

Riverwalk

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CIP Executive Summaries

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FY 2016-2020 CIP
Riverwalk Commission
Executive Summary

In the FY 2016-2020 Capital Improvement Plan, the Riverwalk Commission is continuing to follow the direction of the Development Guidelines and Asset Management Plan while being responsive to the ongoing needs of the Riverwalk. The Riverwalk Development Guidelines are a listing of important projects that have been identified that adhere to the Riverwalk goals. The Riverwalk Asset Management Plan is a necessary guide to the Riverwalk Commission in making judgments about the ongoing care and upkeep of the park. The Asset Management Plan is also an invaluable tool to the Park District in the daily maintenance of the park, allowing the life of these assets to be extended to their fullest.

Fiscal Year 2014-2015 Summary and Highlights

PA022 – Annual Riverwalk Rehabilitation Program

This annual project included all of the maintenance work to preserve the assets of the Riverwalk including both preventative maintenance and capital replacement of assets. This program identified projects in accordance with the Riverwalk Asset Management Plan. Specific projects that were addressed include the replacement of curb/gutter in Section 2, the repair of the metal pedestrian bridge, installation of ADA required railings near the Paddle Boat Quarry, and preliminary engineering in preparation for the caulking/waterproofing of the Carillon's Moser Tower.

PA024 – NCC Park - 430 South Washington Street

The City, Riverwalk Commission and College have partnered to develop a vision that is focused around a simple open plan incorporating user-friendly green space, an open vista, ADA accessibility and connectivity from the lower walkway to Washington Street and the Moser Bridge. A $1.1 million state grant was awarded to the City to help fund final engineering/design, permitting, soil remediation, and construction of the project. Final engineering/design and permitting was completed. The project is programmed to be constructed in FY 2015-2016.

FY 2016-2020 CIP
Riverwalk Commission
Executive Summary

Fiscal Year 2016 - 2020 Summary

PA022 – Annual Riverwalk Rehabilitation Program
This annual program will continue to identify projects in accordance with the Riverwalk Asset Management Plan and Development Guidelines.

PA024 – NCC Park - 430 South Washington Street
North Central College and the City of Naperville have been working in partnership to develop this property into a public park. Construction of the project is scheduled for FY 2015-2016.

PA034 – West Parking Lot BMP Improvement
This project will improve the conveyance of stormwater from the adjacent VFW parking lot to the river while utilizing best management practices. Asphalt patching and curb/gutter replacement have been utilized to help prolong the useful life of the parking lot yet it continues to deteriorate. The engineering for this project is programmed for FY 2019-2020.

PA037 – Riverwalk Rehabilitation between Eagle Street and Smykal Pavilion
This project will provide for a barrier-free gateway connection between the upper and lower walkways including updated landscaping and other amenities following Riverwalk standards. Engineering, design and permitting are programmed for FY 2017-2018 with construction scheduled for beyond FY 2019-2020.

PA039 – Asphalt Fire Lane Replacement near the Carillon
This project will replace the existing asphalt drive with geo-grid, reinforced turf, similar to the drive on the west side of Fredenhagen Park, providing a more user-friendly environment for Riverwalk patrons. Engineering and design for this project are programmed in FY 2018-2019 with construction scheduled in FY 2019-2020.

PA043 – Elevator Replacement in the Moser Tower
The Moser Tower was completed and opened to the public in 2007. Since that time the operation of the elevator in the Moser Tower has failed many times causing operational issues. The elevator will be beyond repair in the near future. Funds for the replacement of the elevator are rescheduled in FY 2016-2017.

PA046 – Moser Tower Structural Assessment
The Moser Tower at the Carillon is over fifteen years old. The tower was initially designed to be fully enclosed, but during construction and completion the scope was changed and many elements are subject to the outside elements. When looking at the tower lately we have observed some indicators that warrant a full structural assessment of the tower elements, especially before investing in a new elevator in FY 2016-2017.

PA 047 – South Extension/Dunkin Donuts Retaining Wall
The future extension of the Riverwalk from Hillside Road south to Martin Avenue has been endorsed but a timeline for the improvements has not been identified. In the meantime plans to redevelop the commercial property at the southeast corner of Hillside Road and Washington

Fiscal Year 2016 - 2020 Summary – Continued

PA 047 – South Extension/Dunkin Donuts Retaining Wall - Continued

Street into a Dunkin Donuts are underway. If either the Dunkin Donuts or the Riverwalk would be constructed without plans to build the other one, a small retaining wall would be needed. However, in order to accommodate both improvements in the future, a taller retaining wall is needed. The Dunkin Donuts owner will build the taller retaining wall but is seeking City participation on sharing in the excess costs. Per the proposed cost sharing split, both parties are sharing the costs of the retaining walls along this stretch of the Riverwalk. This project fulfills the City's cost share of the taller retaining wall.

FY 2016-2020 CIP
Riverwalk Commission
Executive Summary

Departmental Criteria

All projects are prioritized based upon the Development Guidelines, Asset Management Plan and the following:

Vision

In 2031, the Naperville Riverwalk will remain one of the most important cultural, recreational, and environmental assets in Naperville and will continue to act as a powerful economic catalyst for the downtown.

Goals

- Complete the gaps
- Improve safety and accessibility
- Improve hospitality
- Update the appearance
- Improve sustainability and durability

Project Criteria

- Coordination:
  Project has the opportunity to coordinate with scheduled infrastructure or private sector projects
- Funding:
  Project has the opportunity to leverage outside funding and/or reduce costs
- Mandate:
  Project is associated with a legislative commitment
- Investment:
  Community has already invested in the project i.e. acquisition of property, engineering/design work, permit in process
- Need:
  Project meets or enhances the Riverwalk vision and/or goals

Development Criteria

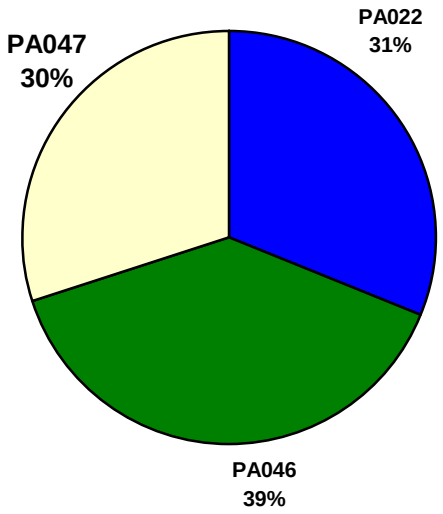
At a minimum, future development must be set back to meet regulatory floodway, floodplain and zoning district requirements and sufficiently set back to allow for future construction and maintenance of the Riverwalk.

FY 2016-2020 CIP
Riverwalk Commission
Executive Summary

Unfunded

The current proposed two unfunded projects for FY2015-2016 consist of the following:

- PA022:
  Annual Riverwalk Rehabilitation Program
  $40,000
- PA046:
  Moser Tower Structural Assessment
  $50,000
- PA047
  South Extension/Dunkin Donuts Retaining Wall
  $38,000



Riverwalk Commission
FY16 Proposed CIP

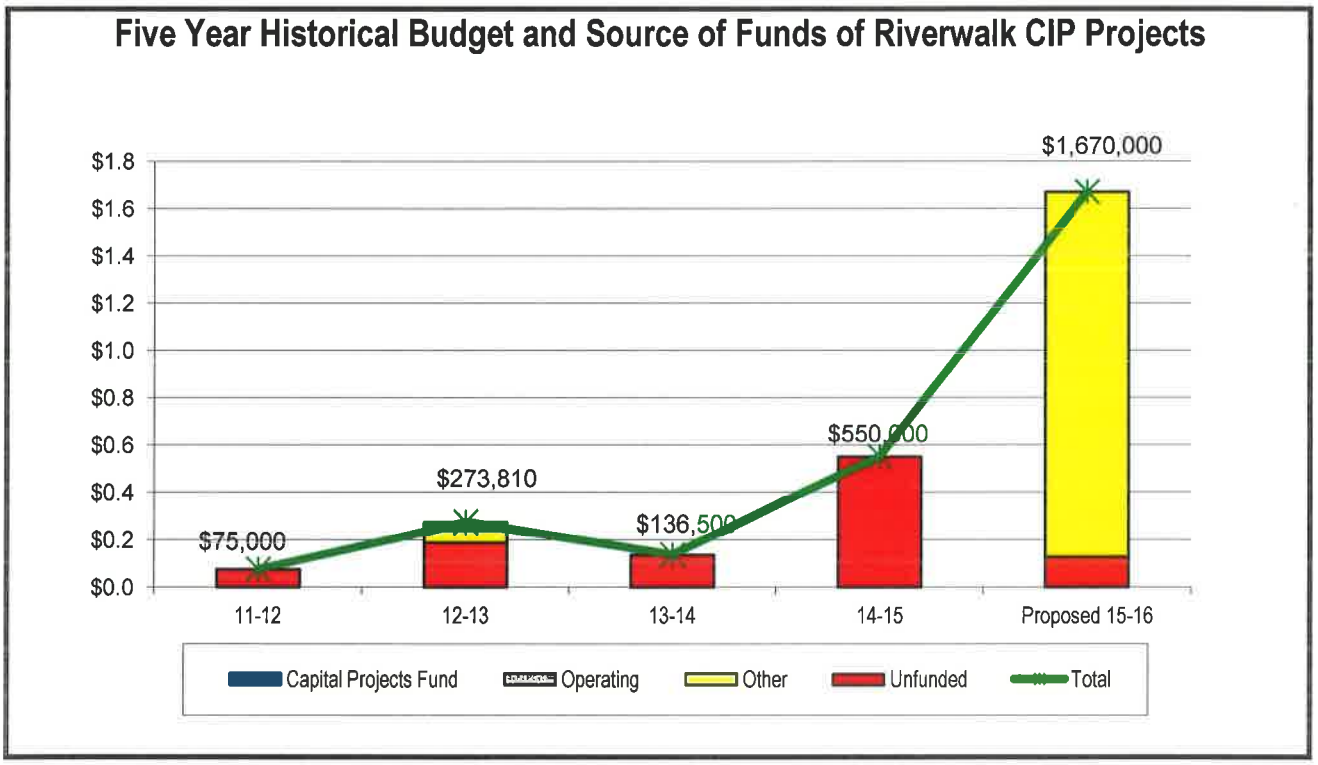
Projects by Functional Area:

Better Access	$	1,470,000
Preservation		200,000
	$	**1,670,000**

Revenue Sources:

Other Government	$	1,100,000
Prior Bond Issue		380,000
Developer Contribution		62,000
	$	**1,542,000**

Current Unfunded	**$**	**128,000**



Riverwalk Commission
Projects by Function for FY15-16

Funding Sources:

Project #	Description of Project	Other Government	Developer Contribution	Prior Bond Issue	Unfunded	Grand Total
Better Access						
PA024	NCC Park- 430 South Washington Street	1,100,000		370,000	-	**1,470,000**
Total		**1,100,000**		**370,000**	**-**	**1,470,000**
Preservation						
PA022	Annual Riverwalk Rehabilitation Program	-	-	10,000	40,000	**50,000**
PA046	Moser Tower Structrual Assessment	-	-	-	50,000	**50,000**
PA047	South Extension Retaining Wall	-	62,000	-	38,000	**100,000**
Total		**-**	**62,000**	**10,000**	**128,000**	**200,000**
Grand Total		**$ 1,100,000**	**$ 62,000**	**$ 380,000**	**$ 128,000**	**$ 1,670,000**

CITY OF NAPERVILLE. ILLINOIS --- SUMMARY OF PROJECT ESTIMATES --- CAPITAL IMPROVEMENTS PROGRAM
PROJECTS EXPRESSED WITH 3% INFLATION FACTOR

Department: **Riverwalk**

	WF #	Estimated Total Cost	Funding Source		FY15-16	FY16-17	FY17-18	FY18-19	FY19-20
PA022		Annual		Annual Riverwalk Rehabilitation Program					
		10,000	B		10,000	0	0	0	0
		255,457	U		40,000	51,500	53,045	54,636	56,275
	Project Total	**265,457**			**50,000**	**51,500**	**53,045**	**54,636**	**56,275**
PA024		Changed - Non Recurring		NCC Park- 430 South Washington Street					
		370,000	B		370,000	0	0	0	0
		1,100,000	G		1,100,000	0	0	0	0
	Project Total	**1,470,000**			**1,470,000**	**0**	**0**	**0**	**0**
PA034		Changed - Non Recurring		West Parking Lot BMP Improvement					
		45,020	U		0	0	0	0	45,020
	Project Total	**45,020**			**0**	**0**	**0**	**0**	**45,020**
PA037		Changed - Non Recurring		Riverwalk Rehabilitation between Eagle Street and Oliver Hoffman Pavilion					
		1,793,428	U		0	0	195,206	0	1,598,223
	Project Total	**1,793,428**			**0**	**0**	**195,206**	**0**	**1,598,223**
PA039		Changed - Non Recurring		Asphalt Fire Lane Replacement near Carillon					
		128,614	U		0	0	0	27,318	101,296
	Project Total	**128,614**			**0**	**0**	**0**	**27,318**	**101,296**
PA043		Changed - Non Recurring		Elevator Replacement in the Moser Tower					
		206,000	U		0	206,000	0	0	0
	Project Total	**206,000**			**0**	**206,000**	**0**	**0**	**0**
PA046		New		Moser Tower Structrual Assessment					
		50,000	U		50,000	0	0	0	0
	Project Total	**50,000**			**50,000**	**0**	**0**	**0**	**0**
PA047		New		South Extension/Dunkin Donuts Retaining Wall					

A) GENERAL FUND B) G.O. BOND: PRIOR ISSUES C) CAPITAL PROJECTS FUND CF) SPECIAL EVENTS AND CULTURAL AMENITIES FUND D) DEVELOPER CONTRIBUTION E) SPECIAL ASSESSMENT F) WATER UTILITY G) OTHER GOVERNMENT GE) OTHER GOVERNMENT: ENTERPRISE H) MOTOR FUEL TAX IC) IMPACT FEES: CITY IU) IMPACT FEES: CITY UNFUNDED IW) IMPACT FEE: WILL COUNTY J) ELECTRIC UTILITY L) LIBRARY BUILDING RESERVES LH) LOCAL MOTOR FUEL TAX N) BURLINGTON NORTHERN RAILROAD O) DOWNTOWN PARKING SOLUTION OR) OTHER ROAD FUNDING SOURCE P) PRIVATE CONTRIBUTIONS Q) REPLACEMENT FUND R) ROAD & BRIDGE FUND S) SIDEWALK FUND T) OTHER GOVERNMENT: PENDING TF) TIF U) UNFUNDED CAPITAL V) UNFUNDED ELECTRIC W) UNFUNDED WATER

CITY OF NAPERVILLE. ILLINOIS --- SUMMARY OF PROJECT ESTIMATES --- CAPITAL IMPROVEMENTS PROGRAM
PROJECTS EXPRESSED WITH 3% INFLATION FACTOR

Department: **Riverwalk**

WF #	Estimated Total Cost	Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20
	62,000	D	62,000	0	0	0	0
	38,000	U	38,000	0	0	0	0
Project Total	**100,000**		**100,000**	**0**	**0**	**0**	**0**
Department Total	**4,058,519**		**1,670,000**	**257,500**	**248,251**	**81,955**	**1,800,814**

A) GENERAL FUND B) G.O. BOND: PRIOR ISSUES C) CAPITAL PROJECTS FUND CF) SPECIAL EVENTS AND CULTURAL AMENITIES FUND D) DEVELOPER CONTRIBUTION E) SPECIAL ASSESSMENT F) WATER UTILITY G) OTHER GOVERNMENT GE) OTHER GOVERNMENT: ENTERPRISE H) MOTOR FUEL TAX IC) IMPACT FEES: CITY IU) IMPACT FEES: CITY UNFUNDED IW) IMPACT FEE: WILL COUNTY J) ELECTRIC UTILITY L) LIBRARY BUILDING RESERVES LH) LOCAL MOTOR FUEL TAX N) BURLINGTON NORTHERN RAILROAD O) DOWNTOWN PARKING SOLUTION OR) OTHER ROAD FUNDING SOURCE P) PRIVATE CONTRIBUTIONS Q) REPLACEMENT FUND R) ROAD & BRIDGE FUND S) SIDEWALK FUND T) OTHER GOVERNMENT: PENDING TF) TIF U) UNFUNDED CAPITAL V) UNFUNDED ELECTRIC W) UNFUNDED WATER

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New Projects

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Project Number: PA046 **Project Title:** Moser Tower Structrual Assessment

Department Name: Riverwalk **CIP Status:** New **Category Code:** B **Sector:** Northwest

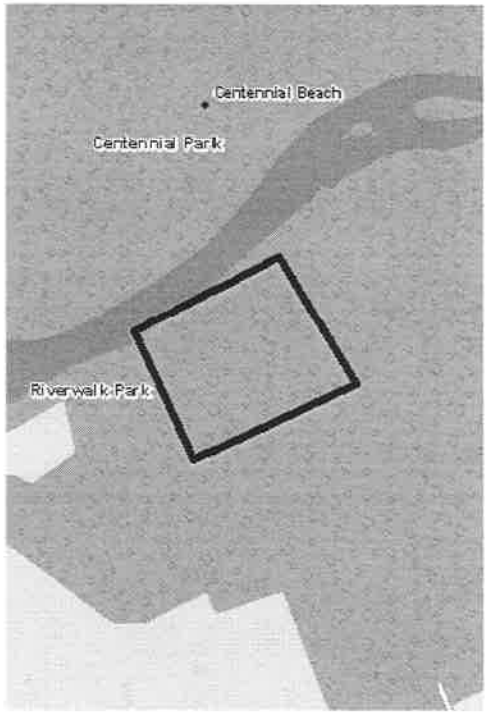
Criteria Investment, Need **WF Number:**

Project Purpose:

This project supports the implementation of the Riverwalk Maintenance Intergovernmental Agreement 14-009, Riverwalk Development Guidelines and the Riverwalk Asset Management Plan.

Project Narrative:

The Moser Tower at the Carillon is over fifteen years old. The tower was initially designed to be fully enclosed, but during construction and completion the scope was changed and many elements are subject to the outside elements. When looking at the tower lately we have observed some indicators that warrant a full structural assessment of the tower elements, especially before investing in a new elevator in FY2016-2017.



External Funding Sources Available

None

Projected Timetable

The assessment is scheduled to be completed by the autumn of 2015.

Impact on Operating Budget

The impact on the operating budget will be dependent on the findings from the assessment.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	50,000	0	0	0	0	50,000
Subtotal	50,000	0	0	0	0	50,000
					Prior Year(s) Expenditures	0
					Total All Sources	50,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Engineering	0	0	0	50,000	0	0	0	0	50,000
Subtotal	0	0	0	50,000	0	0	0	0	50,000
								Prior Year(s) Expenditures	0
								Total Project Cost	50,000

Project Number: PA047 **Project Title:** South Extension/Dunkin Donuts Retaining Wall

Department Name: Riverwalk **CIP Status:** New **Category Code:** B **Sector:** Northeast

Project Purpose:

To provide for future project development on the southern extension of the Riverwalk.

Criteria **WF Number:**

Coordination, Investment

Project Narrative:

The future extension of the Riverwalk from Hillside Road south to Martin Avenue has been endorsed but a timeline for the improvements has not been identified. In the meantime plans to redevelop the commercial property at the southeast corner of Hillside Road and Washington Street into a Dunkin Donuts are underway. If either the Dunkin Donuts or the Riverwalk would be constructed without plans to build the other one, a small retaining wall would be needed. However, in order to accommodate both improvements in the future, a taller retaining wall is needed. The Dunkin Donuts owner will build the taller retaining wall but is seeking City participation on sharing in the excess costs. Per the proposed cost sharing split, both parties are sharing the costs of the retaining walls along this stretch of the Riverwalk. This project fulfills the City's cost share of the taller retaining wall.

External Funding Sources Available

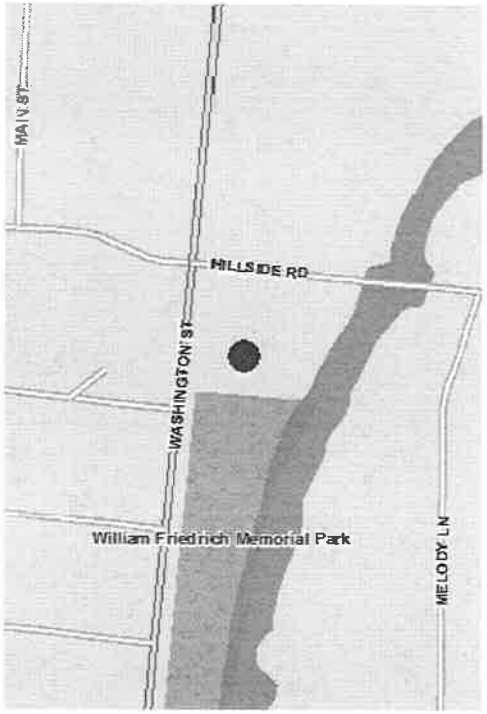
Dunkin Donuts

Projected Timetable

The retaining wall is scheudled to be built during 2015 by Dunkin Donuts. The projected timetable to complete the southern Riverwalk improvements is beyond the FY2019-2020 budget years.

Impact on Operating Budget

There will be no impact on the operating budget until the southern extension of the Rivewalk has been built.



Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Developer Contribution	62,000	0	0	0	0	62,000
Unfunded Capital	38,000	0	0	0	0	38,000
Subtotal	100,000	0	0	0	0	100,000
					Prior Year(s) Expenditures	0
					Total All Sources	100,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	0	100,000	0	0	0	0	100,000
Subtotal	0	0	0	100,000	0	0	0	0	100,000
								Prior Year(s) Expenditures	0
								Total Project Cost	100,000

Non-Recurring Projects

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Project Number: PA024 **Project Title:** NCC Park- 430 South Washington Street

Department Name: Riverwalk **CIP Status:** Changed - Non Recurring **Category Code:** C **Sector:** Northeast

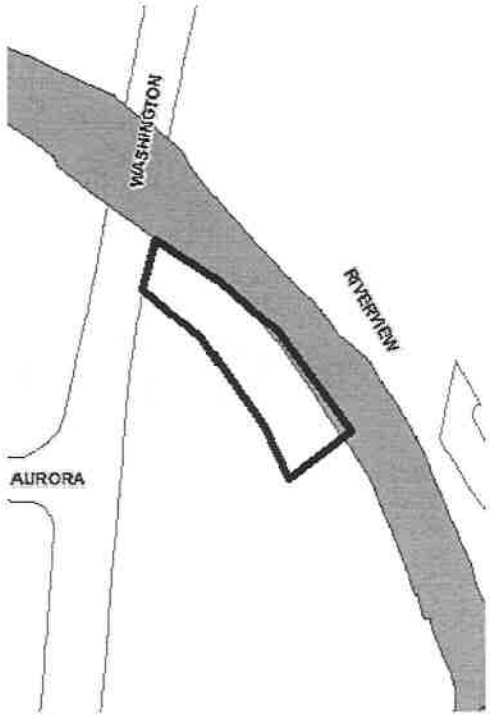
Criteria Coordination, Investment **WF Number:**

Project Purpose:

This project supports the implementation of the Naperville Riverwalk Development Guidelines as well as the Riverwalk goals by filling a gap and providing a pedestrian connection from the lower walkway under the Washington Street Bridge to Washington Street and the Moser Bridge.

Project Narrative:

This project includes the construction of a lower walkway from the existing staircase at Washington Street southeast toward the Moser Bridge. The project will also include ADA compliant accessibility from the existing lower walkway under the Washington Street bridge to Washington Street and the Moser Bridge.



External Funding Sources Available

Grant from the State of Illinois $1,100,000

Projected Timetable

Design, engineering and permitting are programmed for FY2014-2015. Construction is programmed for FY2015-2016.

Impact on Operating Budget

This project includes additional pathway, lighting and other Riverwalk standard amenities which will be maintained by the Park District. The City reimburses the Park District per intergovernmental agreement.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	2,000	2,000	2,000	2,000	8,000
Subtotal	0	2,000	2,000	2,000	2,000	8,000
					Prior Year(s) Impact	0
					Total Project Impact	8,000

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
G.O. Bond: Prior Issues	370,000	0	0	0	0	370,000
Other Government	1,100,000	0	0	0	0	1,100,000
Subtotal	1,470,000	0	0	0	0	1,470,000
					Prior Year(s) Expenditures	331,251
					Total All Sources	1,801,251

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	164,051	1,450,000	0	0	0	0	1,450,000
Engineering	167,200	500,000	0	20,000	0	0	0	0	20,000
Subtotal	167,200	500,000	164,051	1,470,000	0	0	0	0	1,470,000
								Prior Year(s) Expenditures	331,251
								Total Project Cost	1,801,251

Project Number: PA034 **Project Title:** West Parking Lot BMP Improvement

Department Name: Riverwalk **CIP Status:** Changed - Non Recurring **Category Code:** B **Sector:** Northwest

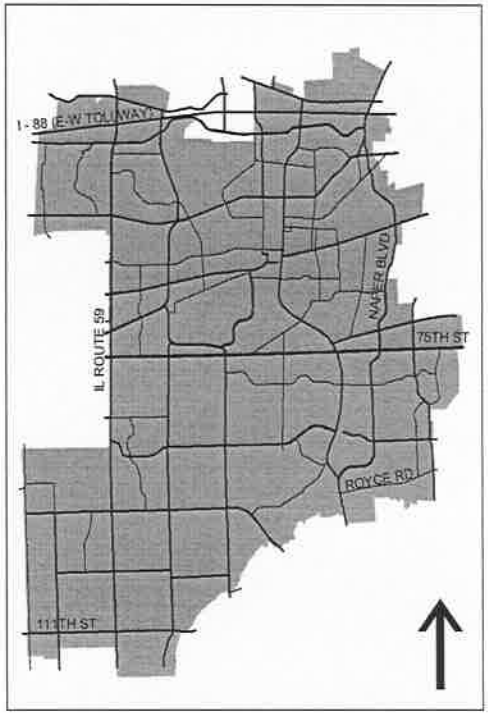
Criteria Investment, Need **WF Number:**

Project Purpose:

This project supports the implementation of the Naperville Riverwalk Development Guidelines and Asset Management Plan.

Project Narrative:

This project improves the conveyance of stormwater from the adjacent VFW parking lot to the river while utilizing best management practices. The parking lot has been patched and areas of new curb/gutter have been added to prolong its useful life. However, the parking lot continues to deteriorate.



External Funding Sources Available

Projected Timetable

The engineering/design is programmed for FY2019-2020. The construction is programmed beyond the FY2019-2020 budget years.

Impact on Operating Budget

This will have no impact on the operating budget since it will be a replacement of a current asset.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	0	0	0	0	45,020	45,020
Subtotal	0	0	0	0	45,020	45,020
					Prior Year(s) Expenditures	0
					Total All Sources	45,020

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Engineering	0	0	0	0	0	0	0	45,020	45,020
Subtotal	0	0	0	0	0	0	0	45,020	45,020
								Prior Year(s) Expenditures	0
								Total Project Cost	45,020

Project Number: PA037 **Project Title:** Riverwalk Rehabilitation between Eagle Street and Oliver Hoffman Pavilion

Department Name: Riverwalk **CIP Status:** Changed - Non Recurring **Category Code:** C **Sector:** Northwest

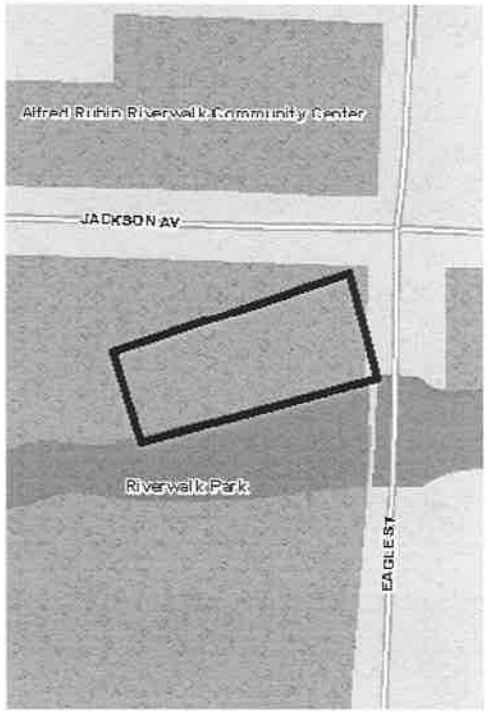
Project Purpose:

This project supports the implementation of the Naperville Riverwalk Development Guidelines and Asset Management Plan.

Criteria Investment, Need **WF Number:**

Project Narrative:

This project includes the design, permitting and reconstruction of the bulkhead wall and lower walkway, construction of a barrier-free gateway connection between the upper and lower levels including updated landscaping and other amenities. Total estimated project cost is approximately $1,700,000.



External Funding Sources Available

None

Projected Timetable

Engineering/design in FY2017-2018. Construction is programmed in FY2019-2020.

Impact on Operating Budget

New assets may need additional maintenance but they will be chosen with minimizing-maintenance in mind.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	0	0	195,206	0	1,598,223	1,793,428
Subtotal	0	0	195,206	0	1,598,223	1,793,428
					Prior Year(s) Expenditures	0
					Total All Sources	1,793,428

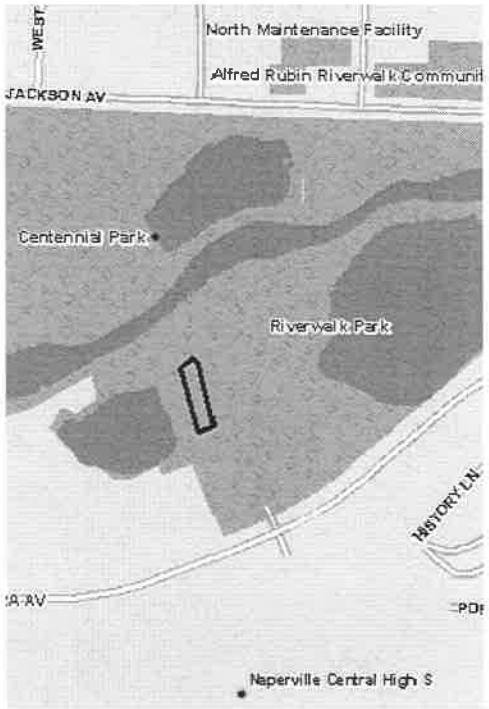
Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	0	0	0	0	0	1,598,223	1,598,223
Engineering	0	0	0	0	0	195,206	0	0	195,206
Subtotal	0	0	0	0	0	195,206	0	1,598,223	1,793,428
								Prior Year(s) Expenditures	0
								Total Project Cost	1,793,428

Project Number: PA039 **Project Title:** Asphalt Fire Lane Replacement near Carillon
Department Name: Riverwalk **CIP Status:** Changed - Non Recurring **Category Code:** B **Sector:** Northwest
Criteria Investment **WF Number:**

Project Purpose:
Supports the implementation of the Riverwalk Development Guidelines.

Project Narrative:
This project will replace the existing asphalt drive that connects the parking lot to the tower with the same grass covered reinforced geo-grid that was installed at Fredenhagen Park. In addition, the grass covered geo-grid will be extended east of the tower following the truck pathway to the Last Fling main stage.



External Funding Sources Available
None

Projected Timetable
Engineering is programmed for FY2018-2019. Construction is programmed for FY2019-2020.

Impact on Operating Budget
The very minimal additional mowing will offset the asphalt maintenance providing no net change.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	0	0	0	27,318	101,296	128,614
Subtotal	0	0	0	27,318	101,296	128,614
					Prior Year(s) Expenditures	0
					Total All Sources	128,614

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	0	0	0	0	0	101,296	101,296
Engineering	0	0	0	0	0	0	27,318	0	27,318
Subtotal	0	0	0	0	0	0	27,318	101,296	128,614
								Prior Year(s) Expenditures	0
								Total Project Cost	128,614

Project Number: PA043 **Project Title:** Elevator Replacement in the Moser Tower

Department Name: Riverwalk **CIP Status:** Changed - Non Recurring **Category Code:** B **Sector:** Northwest

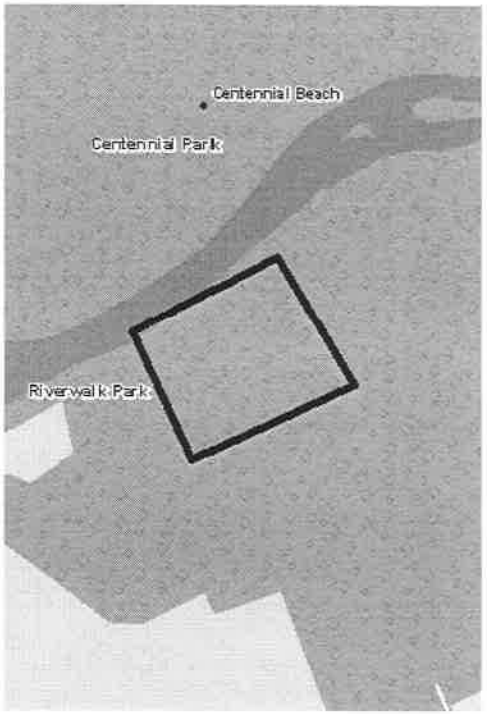
Criteria Need **WF Number:**

Project Purpose:

This project supports the implementation of the Riverwalk Maintenance Intergovernmental Agreement 14-009, Riverwalk Development Guidelines and the Riverwalk Asset Management Plan.

Project Narrative:

This project addresses the anticipated need to replace the existing elevator which is showing indicators of failure. Normal operations of the elevator have been interrupted due to its deteriorated condition. The elevator was manufactured to be used in an interior environment but it is exposed to the elements in an outdoor environment.



External Funding Sources Available

None

Projected Timetable

Replacement of the existing elevator has been postponed from FY2015-2016 to FY2016-2017. The elevator is currently showing signs of failure consequently the timeline may be adjusted according to need.

Impact on Operating Budget

No impact on the operating budget as this project replaces an existing asset.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	0	206,000	0	0	0	206,000
Subtotal	0	206,000	0	0	0	206,000
					Prior Year(s) Expenditures	0
					Total All Sources	206,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	0	0	195,700	0	0	0	195,700
Engineering	0	0	0	0	10,300	0	0	0	10,300
Subtotal	0	0	0	0	206,000	0	0	0	206,000
								Prior Year(s) Expenditures	0
								Total Project Cost	206,000

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Recurring Projects

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Project Number: PA022 **Project Title:** Annual Riverwalk Rehabilitation Program

Department Name: Riverwalk **CIP Status:** Annual **Category Code:** A **Sector:** Northwest

Criteria Need **WF Number:**

Project Purpose:

This project supports the implementation of the Naperville Riverwalk Development Guidelines and the long-term Asset Management Plan noted in the Riverwalk Agreement with the Naperville Park District.

Project Narrative:

The City of Naperville did a reserve study of the Riverwalk. Based on the study, funds are budgeted every year to rehabilitate or replace various assets of the linear park.

The Initial Reserve Study was a companion document to the Riverwalk Development Guidelines. The Development Guidelines needed to be updated, so did the Initial Reserve Study. As a part of the update, the name of the study was changed to the Riverwalk Asset Management Plan. Several Riverwalk Commissioners donated their professional expertise and time to assess each section of the Riverwalk. Updated annually, this document is a valuable tool to assess future needs of the Riverwalk.

External Funding Sources Available

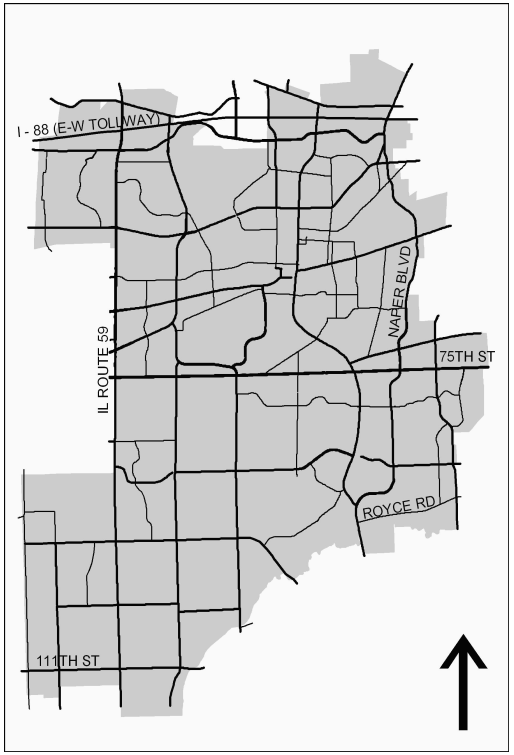
None

Projected Timetable

This will be an annual program that will be scheduled around the other Riverwalk projects.

Impact on Operating Budget

Due to the variable nature of the assets that are replaced, as part of this annual program, quantification of cost is not possible.



Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
G.O. Bond: Prior Issues	10,000	0	0	0	0	10,000
Unfunded Capital	40,000	51,500	53,045	54,636	56,275	255,457
Subtotal	50,000	51,500	53,045	54,636	56,275	265,457
					Prior Year(s) Expenditures	415,794
					Total All Sources	681,251

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	324,675	50,000	40,954	50,000	51,500	53,045	54,636	56,275	265,457
Engineering	32,179	0	0	0	0	0	0	0	0
Services	17,986	0	0	0	0	0	0	0	0
Subtotal	374,840	50,000	40,954	50,000	51,500	53,045	54,636	56,275	265,457
								Prior Year(s) Expenditures	415,794
								Total Project Cost	681,251

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Appendix B

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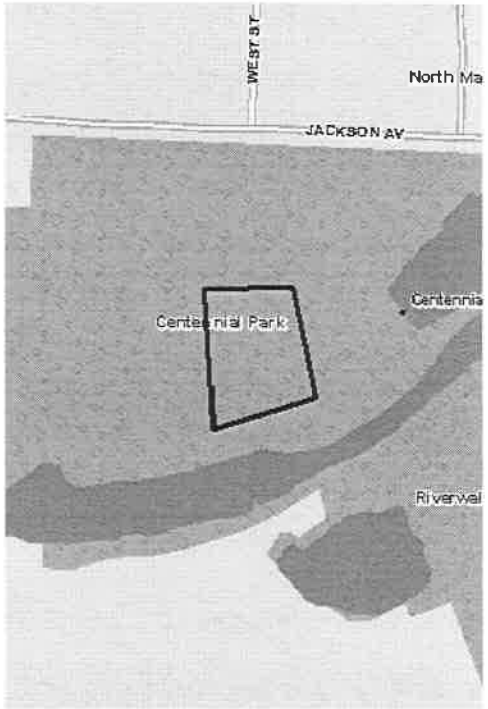
Project Number: PA038 **Project Title:** Riverwalk Enhancement Adjacent to Centennial Beach
Department Name: Riverwalk **CIP Status:** Appendix B **Category Code:** C **Sector:** Northwest
Criteria **WF Number:**

Project Purpose:
Supports the implementation of the Riverwalk Development Guidelines.

Project Narrative:
Collaborate with the Naperville Park District to improve the walkways, landscaping and other amenities where the Riverwalk and Beach intersect, south and west of the bath house. Pushed back from FY13-14.

This project can be broken up into several smaller projects.



External Funding Sources Available
None

Projected Timetable
Engineering/design and construction have been pushed back beyond the FY16 budget year.

Impact on Operating Budget
Design will consider sustainability and minimizing maintenance costs.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Subtotal	0	0	0	0	0	0
					Prior Year(s) Expenditures	0
					Total All Sources	0

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0	0	0	0
								Prior Year(s) Expenditures	0
								Total Project Cost	0

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Fire

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CIP Executive Summaries

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FY2016-2020 CIP
Naperville Fire Department
Executive Summary

Fiscal Year 2014-2015 Summary and Highlights

CE127 – Mobile Fire Inspections

The Naperville Fire Department performs approximately 6,000 fire safety inspections as well as over 2,000 follow up and fire system inspections annually. In the past, the process consisted of printing multi-part paper forms, then sorting and distributing these forms to ten fire stations and three inspectors. Once inspections were completed, they were returned to the Fire Marshal's office for processing, data entry, and filing. This process caused delays in getting current, updated information to the occupancy files and updated status information for final occupancy permits. With the recent implementation of a mobile fire inspection system, the process has now become more efficient and eliminated the need to handle the same paperwork multiple times. The inspector issues, conducts, updates, closes out, and sends a copy of the inspection immediately from the field. Customers and staff now receive permit information immediately after the inspection.

Fiscal Year 2016-2020 Summary

EQ040 – Emergency Medical Equipment

The EMS Bureau has finished replacing the cardiac monitors/defibrillators in the Department's front line ambulances. Additional cardiac monitors for the front line fire apparatus are set to be purchased as well. These replacement units improve the department's ability to evaluate cardiac rhythms and quickly deliver effective cardiac defibrillation all while performing the highest quality of uninterrupted CPR.

Additionally, the Department is in the process of establishing an Early Access to Defibrillators program that will put more Automated External Defibrillators (AED's) in public areas. Neighborhoods will have the opportunity of joining the program as well. We are also in the process of purchasing software to alert properly trained responders of a person in cardiac arrest and the closest available AED in the area.

The EMS Bureau proposes installing power assisted and power loading cots into the city's ambulances. This is a response to the increased number of obese patients encountered on a regular basis. These types of cots decrease the weight that needs to be lifted manually and replaces it with mechanical systems, potentially reducing the injury rate and related workers compensation claims. Depending on the available funds, the Bureau will either repair or replace the 20-year old, 1st generation, automated training mannequins with new 4th generation mannequins to create a realistic training environment for department paramedics.

LR078 – Fire Station Alerting Systems

The Fire Station Alerting System (FSAS) is a Voice over Internet Protocol (VOIP)-based communication network to provide communications between Naperville's Public Safety Answering Point (PSAP) and each of the Fire Department's (NFD) stations for seamless and immediate response. During the Re-accreditation process in 2012, the NFD has identified shortcomings in the software and hardware supporting the current station alerting systems and identified the need to replace or repair components that appear to impede radio signals between the PSAP and the station alerting system. This program is planned for FY17 and will serve as a replacement for the aging alerting system currently in place.

FY2016-2020 CIP
Naperville Fire Department
Executive Summary

Departmental Criteria

The following criteria were used to determine project need, and for recommendation of projects for inclusion in the CIP:

- *Emergency Medical Care* = Deliver and provide excellent emergency medical care.
- *Mandated* = The Department must prioritize and implement projects that will allow it to provide emergency medical services within the guidelines established by State or Federal government agency or other jurisdiction, which has authority over the City.
- *Mission Ready Resources* = Maintain physical resources in mission ready condition.
- *Safety* = Minimize risk exposure due to injury and/or legal liability.
- *Technology* = Maintain hardware and software to provide the most cost-effective use of technology for the Department
- *Training* = Maintain the Department's physical infrastructure in order to provide the most cost-effective training for Department personnel in a safe, dependable environment.

Fire Department
FY16 Proposed CIP

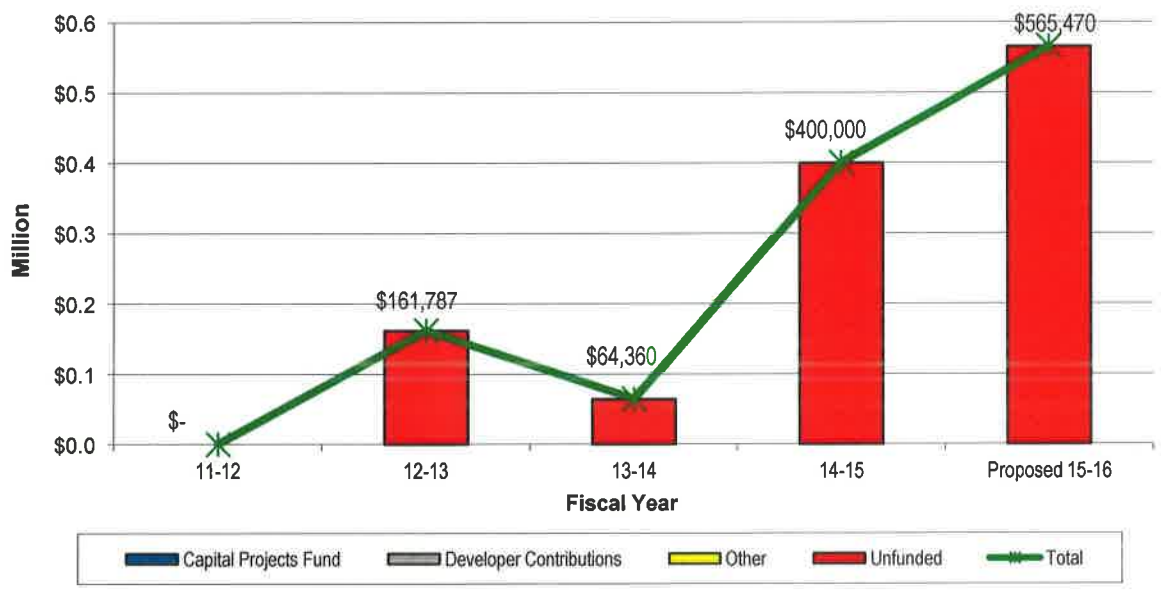
Projects by Functional Area:

Service Enhancement	$	565,470
	$	**565,470**

Revenue Sources:

Current Unfunded	**$**	**565,470**

Five Year Historical Budget and Source of Funds of Fire Department CIP Projects



Fire Department
Projects by Function for FY15-16

Funding Sources:

Project #	Description of Project	Unfunded	Grand Total
Service Enhancement			
EQ040	Emergency Medical Equipment	565,470	565,470
Total		565,470	565,470
Grand Total		$ 565,470	$ 565,470

CITY OF NAPERVILLE. ILLINOIS --- SUMMARY OF PROJECT ESTIMATES --- CAPITAL IMPROVEMENTS PROGRAM
PROJECTS EXPRESSED WITH 3% INFLATION FACTOR

Department: **Fire**

	WF #	Estimated Total Cost	Funding Source		FY15-16	FY16-17	FY17-18	FY18-19	FY19-20
EQ040		Changed - Non Recurring		Emergency Medical Equipment					
		565,470	U		565,470	0	0	0	0
	Project Total	**565,470**			**565,470**	**0**	**0**	**0**	**0**
LR078		Previous Year - No Change		Fire Station Alerting Systems(FSAS)					
		1,092,727	U		0	1,092,727	0	0	0
	Project Total	**1,092,727**			**0**	**1,092,727**	**0**	**0**	**0**
	Department Total	**1,658,197**			**565,470**	**1,092,727**	**0**	**0**	**0**

A) GENERAL FUND B) G.O. BOND: PRIOR ISSUES C) CAPITAL PROJECTS FUND CF) SPECIAL EVENTS AND CULTURAL AMENITIES FUND D) DEVELOPER CONTRIBUTION E) SPECIAL ASSESSMENT F) WATER UTILITY G) OTHER GOVERNMENT GE) OTHER GOVERNMENT: ENTERPRISE H) MOTOR FUEL TAX IC) IMPACT FEES: CITY IU) IMPACT FEES: CITY UNFUNDED IW) IMPACT FEE: WILL COUNTY J) ELECTRIC UTILITY L) LIBRARY BUILDING RESERVES LH) LOCAL MOTOR FUEL TAX N) BURLINGTON NORTHERN RAILROAD O) DOWNTOWN PARKING SOLUTION OR) OTHER ROAD FUNDING SOURCE P) PRIVATE CONTRIBUTIONS Q) REPLACEMENT FUND R) ROAD & BRIDGE FUND S) SIDEWALK FUND T) OTHER GOVERNMENT: PENDING TF) TIF U) UNFUNDED CAPITAL V) UNFUNDED ELECTRIC W) UNFUNDED WATER

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Non-Recurring Projects

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Project Number: EQ040 **Project Title:** Emergency Medical Equipment

Department Name: Fire **CIP Status:** Changed - Non Recurring **Category Code:** B **Sector:** Various

Project Purpose:

Upgrade and replacement of three existing assets; power assisted and power loading cots for each ambulance, cardiac monitors, and simulation trainers for EMS training lab. Start program to install and purchase AED's.

Criteria **WF Number:**

Emergency Medical Care, Mission Ready Resources, Training, Technology

Project Narrative:

The EMS Bureau of the Naperville Fire Department is proposing the upgrade and replacement of three existing assets; power assisted and power loading cots for each ambulance ($435,000), cardiac monitors ($490,000), and simulation trainers for EMS training lab ($7,000). Additionally, the purchase of a fourth group of assets to create an easy access to defibrillators program in Naperville ($34,500).

In FY15, we will spend about $363,500 on cardiac monitors and $34,500 on the AED program. In FY16, we estimate spending $435,000 on power cots, $124,500 on the remaining cardiac monitors, and approximately $7,000 on simulation mannequins.

External Funding Sources Available

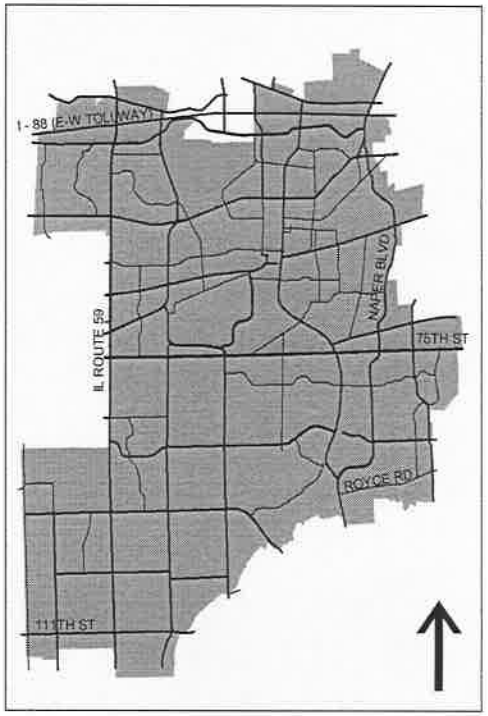
Seeking State funding.

Projected Timetable

Cardiac Monitor project will begin in FY15. Simulation trainers and powered assisted & power loading cots projects will start in FY16. The AED program will be initiated throughout FY15 and FY16.

Impact on Operating Budget

There is a potential decrease in workmen's compensation costs from the use of this technology that cannot be quantified.



Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	565,470	0	0	0	0	565,470
Subtotal	565,470	0	0	0	0	565,470
					Prior Year(s) Expenditures	257,163
					Total All Sources	822,633

Project Cost Summary

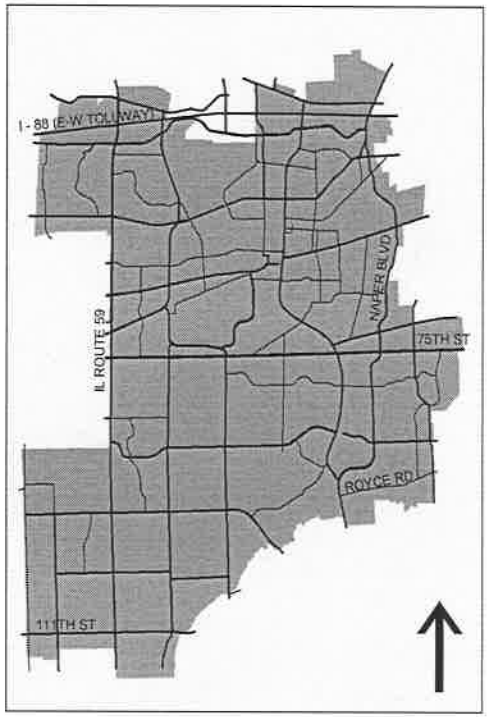
Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	0	0	0	0	0	0	0
Equip. & Furnishing	0	400,000	257,163	565,470	0	0	0	0	565,470
Subtotal	0	400,000	257,163	565,470	0	0	0	0	565,470
								Prior Year(s) Expenditures	257,163
								Total Project Cost	822,633

Project Number: LR078 **Project Title:** Fire Station Alerting Systems(FSAS)
Department Name: Fire **CIP Status:** Previous Year - No Change **Category Code:** B **Sector:** Various

Project Purpose:
To replace the existing fire station alerting system.

Criteria **WF Number:**
Emergency Medical Care, Mission Ready Resources, Technology

Project Narrative:
The Fire Station Alerting System (FSAS) is a Voice over Internet Protocol (VoIP)-based communications network to provide communications between Naperville's Public Safety Answering Point (PSAP) and each of the Fire Department's (NFD) stations for seamless and immediate response. During the re-accreditation process in 2012, the NFD has identified shortcomings in the software and hardware supporting the current station alerting systems and identified the need to replace or repair components that appear to impede radio signals between the PSAP and the station alerting system. The FSAS will serve as a replacement for the NFD's existing Zetron system which has proven to be a contributing component towards increasing total response times to emergency incidents.



External Funding Sources Available
None

Projected Timetable
Project will begin in FY16-17

Impact on Operating Budget
None

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	0	1,092,727	0	0	0	1,092,727
Subtotal	0	1,092,727	0	0	0	1,092,727
					Prior Year(s) Expenditures	0
					Total All Sources	1,092,727

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Equip. & Maint.	0	0	0	0	1,092,727	0	0	0	1,092,727
Subtotal	0	0	0	0	1,092,727	0	0	0	1,092,727
								Prior Year(s) Expenditures	0
								Total Project Cost	1,092,727

Police

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CIP Executive Summaries

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Fiscal Year 2014 – 2015 Summary and Highlights

The police department had two projects in the FY15 CIP. The first project was the final phase upgrade to the police firing range. The goal of this project was to provide a range that is configured for high velocity rifle training, operational for deadly force decision making training, and environmentally free from inhaled contaminates. The project and its final upgrades to the impact area of the firing range were completed in FY15.

The second project was the building of a defensive tactics and fitness facility. In an effort to reduce the exposure to risk, the Police Department will use this building for defensive tactics training, survival skills training, and additional fitness initiatives. This addition was planned for when the building was originally designed so the foundation/footings already exist. In FY15 it was determined the initial quote for $200,000 was insufficient to complete the project. The department is requesting an additional $150,000 in FY16 which will allow for full completion for the original scope of the project.

Fiscal Year 2016 - 2020 Summary

In FY16, the police department is working toward the implementation of its strategic technology plan. These technology projects include text to 9-1-1 services, parking system software upgrade for patrol, new server for OSSI Mobile Product Suite, and upgrades to training rooms.

New technology to be implemented in FY16 is the text to 9-1-1 services in the city's Public Safety Answering Point (PSAP). The ability to text to 9-1-1 will provide critical service to the deaf and speech impaired community as well as victims of crimes in progress. Surrounding communities, including the City of Aurora who is the city's designated back-up 9-1-1 call handling location, are currently implementing this service.

Technology upgrades are also a critical part of the department's strategic technology plan. Technology to be upgraded in FY16 includes the parking system software. The current software was purchased in 1997 and still operates using palm pilot technology. It does not have the capability to "talk" to current software on the server and is antiquated in its ability to run reports and search for information. The new parking system will allow the officer to issue citations, reference vehicle information, alert officers of habitual offenders, and capture violation images in the field.

The second technology upgrade project is a new server for the OSSI Mobile Product Suite. The OSSI Mobile Product Suite was updated in 2014 for officers, supervisors, and telecommunicators to allow mobile computing, mobile field reporting, and message switch applications. With mobile field reporting officers generate and submit reports in the field which are then wirelessly submitted to the department's records management system. The new server is required for this technology upgrade in order to allow the software to function to its fullest capabilities.

Finally, the last technology upgrade project are improvements to the training room, chief's conference room, and roll call room. The department is currently using dated computers and audio/visual equipment that is often non-functional, requires frequent maintenance, and is not

user friendly. Upgrades will include LED televisions instead of a projector and screen, and computers for web-based and interactive trainings. As part of this upgrade the student tables in the training room will be replaced and the new ones equipped with power supply and computer access that interfaces with the overall training room system. This connectivity will allow for a more interactive training experience. This will be a phased project. In FY16 the department will upgrade the training room, and in FY17 the department will upgrade the chief's conference room and roll call room.

Risk management is also a focus of the police department in FY16. In addition, to the request for more funding for the defensive tactics and fitness facility that was approved in FY15, the department would also like to build a secure ammunition storage facility and begin security renovations on the front lobby of the police department. The secure ammunition facility will store ammunition located immediately outside of the existing range facility. Ammunition is currently stored in the underground garage which is impractical and increases the likelihood of injury due to the weight of ammunition and its distant location from the range.

The police department front lobby and records access point have not changed since the facility was built in 1989. Under the original design, these two areas were built under an open concept design when security issues were not a concern. The front lobby security renovations will be conducted in phases. The first phase in FY16 will allow the department to install ballistic glass and new counter for the records section citizen window. In addition, the department will also work with an architect to create renovation design plans for the front lobby area.

Department Criteria

- ***Investment*** – considers the research and evaluation of products and services to make financially responsible investment decisions.
- ***Coordination*** – considers coordination of multi-departmental project management initiatives to accomplish similar goals.
- ***Risk Management*** – considers commitment to minimize risk exposure due to injury and/or legal liability.
- ***State Mandated*** – mandated by State or Federal government agency or other jurisdiction, which has authority over the City.

Police Department
FY16 Proposed CIP

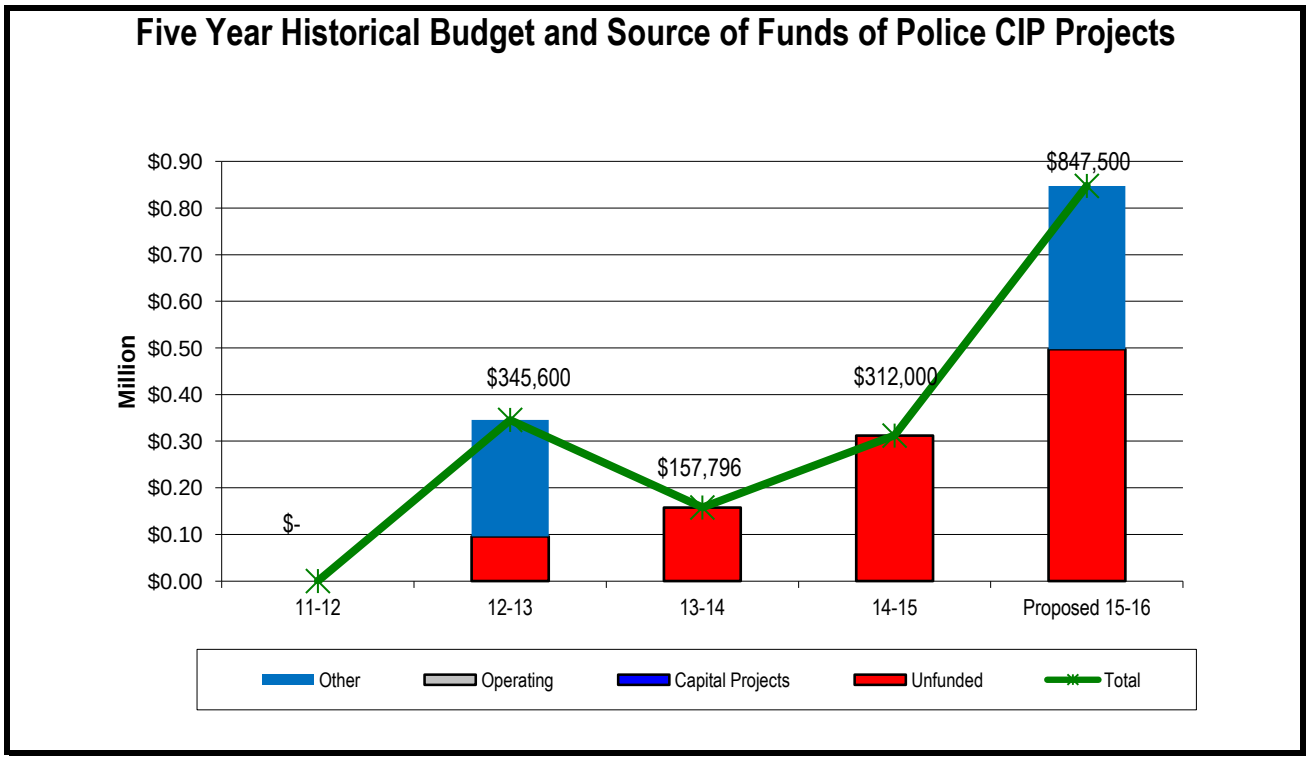
Projects by Functional Area:

Technology	$	307,500
Building Modifications	$	540,000
	$	**847,500**

Revenue Sources:

Previous Bond Issuances	$	200,000
Burlington Northern Railroad	$	150,000
	$	**350,000**

Current Unfunded	**$**	**497,500**



Police Department
Projects by Function for FY15-16

Funding Sources:

Project #	Description of Project	Burlington Northern Railroad	Unfunded	Previous Bond Issuances	Grand Total
Technology					
CE139	Text to 9-1-1 Services	-	36,000	-	**36,000**
CE141	Parking System	150,000	-	-	**150,000**
EQ043	Upgrades to Conference Room, Training Room, and Roll Call Room	-	90,000	-	**90,000**
CE142	OSSI Server	-	31,500	-	**31,500**
Technology Total		**150,000**	**157,500**	**-**	**307,500**
Building Modifications					
MB190	Defensive Tactics and Fitness Facility	-	150,000	200,000	**350,000**
MB191	Secure Ammunition Storage Facility	-	80,000	-	**80,000**
PD015	PD Front Lobby Security Renovations	-	110,000	-	**110,000**
Total		**-**	**340,000**	**200,000**	**540,000**
Grand Total		**$ 150,000**	**$ 497,500**	**$ 200,000**	**$ 847,500**

CITY OF NAPERVILLE. ILLINOIS --- SUMMARY OF PROJECT ESTIMATES --- CAPITAL IMPROVEMENTS PROGRAM
PROJECTS EXPRESSED WITH 3% INFLATION FACTOR

Department: **Police**

	WF #	Estimated Total Cost	Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20
CE139		New		Text to 9-1-1 Services				
		36,000	U	36,000	0	0	0	0
	Project Total	**36,000**		**36,000**	**0**	**0**	**0**	**0**
CE141		New		Parking System				
		150,000	N	150,000	0	0	0	0
	Project Total	**150,000**		**150,000**	**0**	**0**	**0**	**0**
CE142		New		OSSI Server				
		31,500	U	31,500	0	0	0	0
	Project Total	**31,500**		**31,500**	**0**	**0**	**0**	**0**
EQ043		New		Upgrades to Training Room, Conference Room, and Roll Call Room				
		146,000	U	90,000	56,000	0	0	0
	Project Total	**146,000**		**90,000**	**56,000**	**0**	**0**	**0**
MB190		Changed - Non Recurring		Defensive Tactics and Fitness Facility				
		200,000	B	200,000	0	0	0	0
		150,000	U	150,000	0	0	0	0
	Project Total	**350,000**		**350,000**	**0**	**0**	**0**	**0**
MB191		New		Secure Ammunition Storage Facility				
		80,000	U	80,000	0	0	0	0
	Project Total	**80,000**		**80,000**	**0**	**0**	**0**	**0**
PD015		New		PD Front Lobby Security Renovations				
		110,000	U	110,000	0	0	0	0
	Project Total	**110,000**		**110,000**	**0**	**0**	**0**	**0**
	Department Total	**903,500**		**847,500**	**56,000**	**0**	**0**	**0**

A) GENERAL FUND B) G.O. BOND: PRIOR ISSUES C) CAPITAL PROJECTS FUND CF) SPECIAL EVENTS AND CULTURAL AMENITIES FUND D) DEVELOPER CONTRIBUTION E) SPECIAL ASSESSMENT F) WATER UTILITY G) OTHER GOVERNMENT GE) OTHER GOVERNMENT: ENTERPRISE H) MOTOR FUEL TAX IC) IMPACT FEES: CITY IU) IMPACT FEES: CITY UNFUNDED IW) IMPACT FEE: WILL COUNTY J) ELECTRIC UTILITY L) LIBRARY BUILDING RESERVES LH) LOCAL MOTOR FUEL TAX N) BURLINGTON NORTHERN RAILROAD O) DOWNTOWN PARKING SOLUTION OR) OTHER ROAD FUNDING SOURCE P) PRIVATE CONTRIBUTIONS Q) REPLACEMENT FUND R) ROAD & BRIDGE FUND S) SIDEWALK FUND T) OTHER GOVERNMENT: PENDING TF) TIF U) UNFUNDED CAPITAL V) UNFUNDED ELECTRIC W) UNFUNDED WATER

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New Projects

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Project Number: CE139 **Project Title:** Text to 9-1-1 Services
Department Name: Police **CIP Status:** New **Category Code:** A **Sector:** Northwest
Criteria Investment **WF Number:**

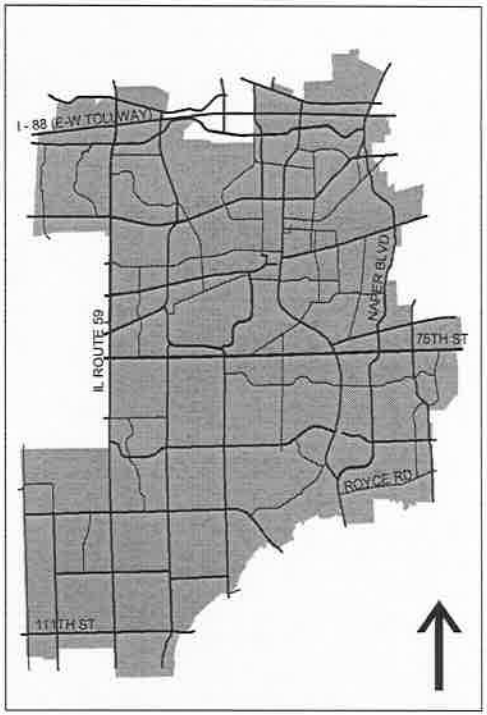
Project Purpose:
Purchase equipment to provide a text to 9-1-1 solution for the Public Safety Answering Point.

Project Narrative:
Provide an interim SMS Text to 9-1-1 solution for the Naperville Public Safety Answering Point (PSAP) while standards and technology are developed by the industry to deploy full Next Generation 9-1-1 solutions. The text to 9-1-1 solution will provide 9-1-1 service to the deaf and speech impaired community as well as victims of crimes in progress, particularly domestic abuse, to contact PSAP through the texting feature of a cell phone. Naperville's PSAP worked within a collar counties group to establish an implementation plan for providing an interim text to 9-1-1 solution for the suburban area, including the City of Aurora, which serves as the designated back up 9-1-1 call handling location for Naperville. These surrounding PSAP's intend to deploy an interim solution within the next six to 18 months.

External Funding Sources Available
None

Projected Timetable
This project will start and be completed in FY16.

Impact on Operating Budget
There is no anticipated impact on the operating budget.



Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	36,000	0	0	0	0	36,000
Subtotal	36,000	0	0	0	0	36,000
					Prior Year(s) Expenditures	0
					Total All Sources	36,000

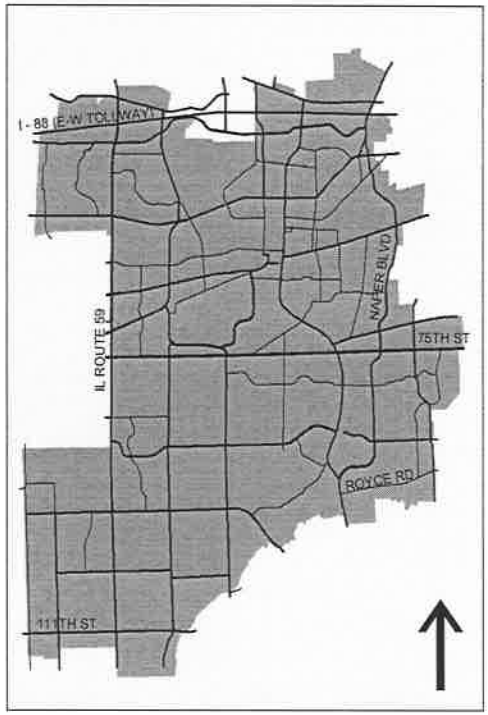
Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Equip. & Maint.	0	0	0	36,000	0	0	0	0	36,000
Subtotal	0	0	0	36,000	0	0	0	0	36,000
								Prior Year(s) Expenditures	0
								Total Project Cost	36,000

Project Number: CE141 **Project Title:** Parking System
Department Name: Police **CIP Status:** New **Category Code:** A **Sector:** Northwest
Criteria Investment **WF Number:**

Project Purpose:
Procure a comprehensive parking system to give a complete solution for parking management and enforcement.

Project Narrative:
The current parking system was purchased in 1997 and still operates using palm pilot technology. The system does not "talk" to the current software in the police department on the server and is antiquated in its ability to run reports, search for information, and requires the outdated Windows XP operating system. The new parking system will allow the officer to issue citations, reference vehicle information, alert officers of habitual offenders, and capture violation images in the field.



External Funding Sources Available
None

Projected Timetable
This project will start and be completed in FY16.

Impact on Operating Budget
The anticipated cost increase for maintenance of the parking system will be $22,800/year.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	22,800	22,800	22,800	22,800	91,200
Subtotal	0	22,800	22,800	22,800	22,800	91,200
					Prior Year(s) Impact	0
					Total Project Impact	91,200

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Commuter Parking Fund	150,000	0	0	0	0	150,000
Subtotal	150,000	0	0	0	0	150,000
					Prior Year(s) Expenditures	0
					Total All Sources	150,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Equip. & Maint.	0	0	0	150,000	0	0	0	0	150,000
Subtotal	0	0	0	150,000	0	0	0	0	150,000
								Prior Year(s) Expenditures	0
								Total Project Cost	150,000

Project Number: CE142 **Project Title:** OSSI Server
Department Name: Police **CIP Status:** New **Category Code:** A **Sector:** Northwest
Criteria Medium Priority **WF Number:**

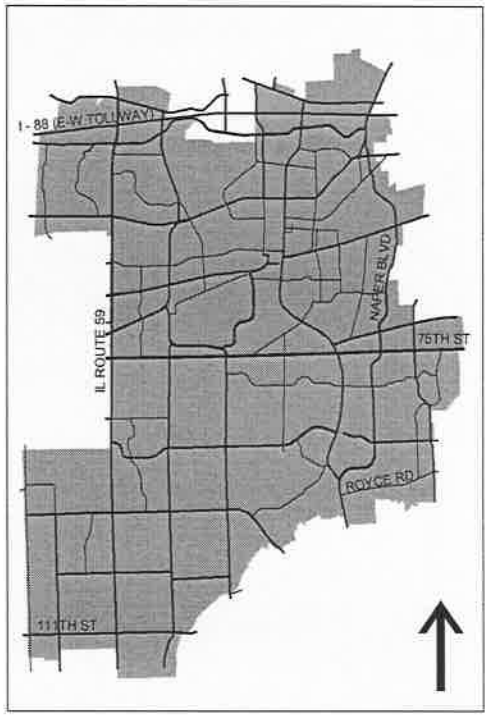
Project Purpose:
To purchase a dedicated server for the SunGard Public Sector OSSI Mobile Product Suite.

Project Narrative:
The SunGard Public Sector OSSI Mobile Product Suite is a Windows-based toolset for field officers, supervisors, and telecommunicators that allows mobile computing, mobile field reporting, and message switch applications. Wireless technology allows mobile users to interact with the computer-aided dispatch (CAD) system to improve efficiency in the field and the office. With mobile field reporting officers efficiently generate and submit incident, supplement, field contact, and accident reports in the field. Once completed and approved, these reports are wirelessly submitted to the department's records management system, where they become accessible and searchable. Officers can also submit information related to parking tickets, traffic stop statistics, and other officer activities.

External Funding Sources Available
None

Projected Timetable
This project will start and be completed in FY16.

Impact on Operating Budget
The anticipated cost increase for maintenance of the new server will be $3,780/year.



Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	3,780	3,780	3,780	3,780	3,780	18,900
Subtotal	3,780	3,780	3,780	3,780	3,780	18,900
					Prior Year(s) Impact	0
					Total Project Impact	18,900

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	31,500	0	0	0	0	31,500
Subtotal	31,500	0	0	0	0	31,500
					Prior Year(s) Expenditures	0
					Total All Sources	31,500

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Equip. & Maint.	0	0	0	15,900	0	0	0	0	15,900
Softwr & Maint.	0	0	0	15,600	0	0	0	0	15,600
Subtotal	0	0	0	31,500	0	0	0	0	31,500
								Prior Year(s) Expenditures	0
								Total Project Cost	31,500

Project Number: EQ043 **Project Title:** Upgrades to Training Room, Conference Room, and Roll Call Room

Department Name: Police **CIP Status:** New **Category Code:** A **Sector:** Northwest

Criteria Investment **WF Number:**

Project Purpose:

Upgrade technology and furnishings in the police department's training room, chief's conference room, and roll call room.

Project Narrative:

In order to effectively conduct high priority trainings such as officer safety, risk reduction, and employee wellness trainings, the Training Room, Chief's Conference Room, and Roll Call Room are in need of technology upgrades. The department is currently using dated computers and audio/visual equipment that is often non-functional, requires frequent maintenance, and is not user friendly. The department is seeking to upgrade to LED televisions because maintenance costs are much lower, the equipment lasts longer, and it uses less power to operate. Upgrades are also needed for the computer systems for web based and interactive trainings. The training room furniture is dated and deteriorating, specifically the tables where the students sit. As part of this upgrade the tables will be replaced and the new ones equipped with power supply and computer access that interfaces with the overall training room system.

External Funding Sources Available

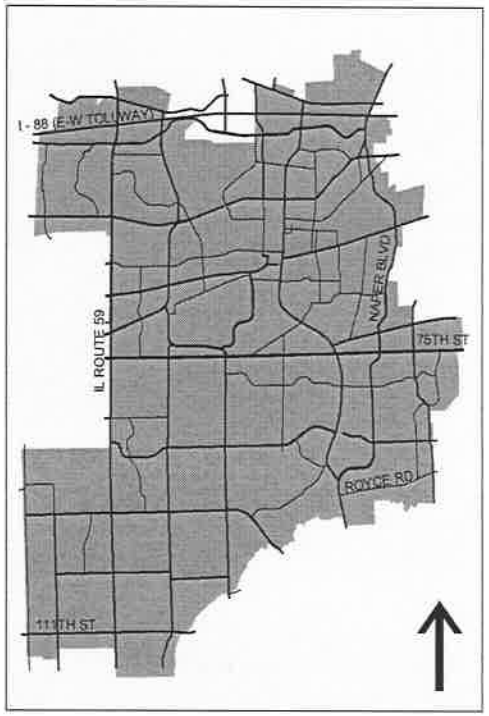
None

Projected Timetable

This project will start in FY16 and be completed in FY17.

Impact on Operating Budget

There is no anticipated impact on the operating budget.



Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	90,000	56,000	0	0	0	146,000
Subtotal	90,000	56,000	0	0	0	146,000
					Prior Year(s) Expenditures	0
					Total All Sources	146,000

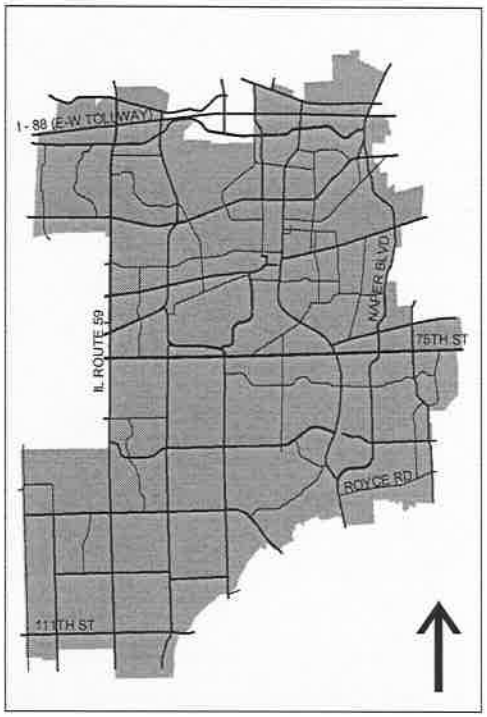
Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Equip. & Furnishing	0	0	0	90,000	56,000	0	0	0	146,000
Subtotal	0	0	0	90,000	56,000	0	0	0	146,000
								Prior Year(s) Expenditures	0
								Total Project Cost	146,000

Project Number: MB191 **Project Title:** Secure Ammunition Storage Facility
Department Name: Police **CIP Status:** New
Category Code: A **Sector:** Northwest
Criteria Risk Management **WF Number:**

Project Purpose:
Create a secured ammunition storage facility.

Project Narrative:
Currently the police department stores ammunition in the underground garage formerly used by Vehicle Services. The proximity of the ammunition to the range is impractical and potentially an injury risk. In order to get the ammunition from its current location to the range it must be loaded onto rolling carts and pushed. The proposed ammunition storage facility would be a secure, brick facility located immediately outside of the existing range facility. This area is adjacent to the range making access to the ammunition more practical. It is also adjacent to the parking lot so that deliveries of ammunition are easier to off load. Aesthetically the structure would blend in with the existing structures. In addition, the basic infrastructure such as electric, ventilation, and water is already in place.



External Funding Sources Available
None

Projected Timetable
This project will start and be completed in FY16.

Impact on Operating Budget
There is no anticipated impact on the operating budget.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	80,000	0	0	0	0	80,000
Subtotal	80,000	0	0	0	0	80,000
					Prior Year(s) Expenditures	0
					Total All Sources	80,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Equip. & Maint.	0	0	0	80,000	0	0	0	0	80,000
Subtotal	0	0	0	80,000	0	0	0	0	80,000
								Prior Year(s) Expenditures	0
								Total Project Cost	80,000

Project Number: PD015 **Project Title:** PD Front Lobby Security Renovations
Department Name: Police **CIP Status:** New **Category Code:** A **Sector:** Northwest
Criteria Risk Management **WF Number:**

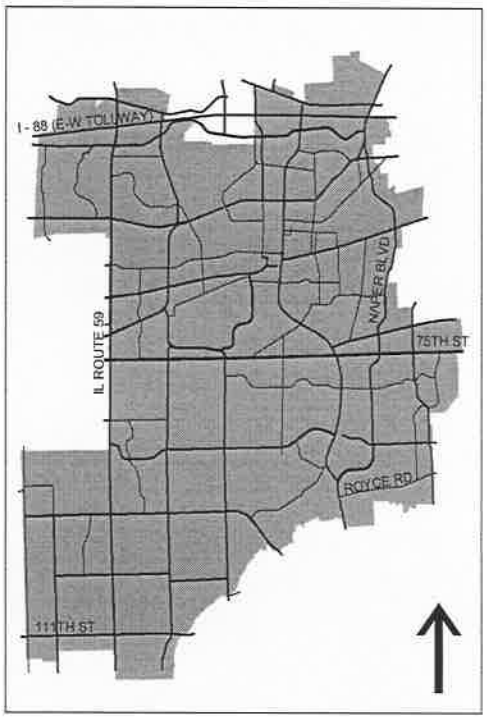
Project Purpose:
Implement security measures for the front lobby of the police department.

Project Narrative:
The police department front lobby and records access point have not changed since the facility was built in 1989. Under the original design, these areas were built under an open concept design when security issues were not a concern. There have been numerous examples throughout the country where police departments have been targeted for violence. The research indicates that the most susceptible areas are the first point of public contact, the front lobby and records areas. The civilian employees in these areas are required to provide assistance with domestic disputes, irate citizens, and mental health situations on a daily basis.The initial measure of security would be ballistic glass for the front desk and the records access point along with a redesign of the records access point desk. These measures are critical to overall safety and would be considered the first phase of the overall security design.

External Funding Sources Available
None

Projected Timetable
This project will start in FY16 and be completed in phases in subsequent years.

Impact on Operating Budget
There is no anticipated impact on the operating budget.



Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	110,000	0	0	0	0	110,000
Subtotal	110,000	0	0	0	0	110,000
					Prior Year(s) Expenditures	0
					Total All Sources	110,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Consultant	0	0	0	40,000	0	0	0	0	40,000
Equip. & Furnishing	0	0	0	70,000	0	0	0	0	70,000
Subtotal	0	0	0	110,000	0	0	0	0	110,000
								Prior Year(s) Expenditures	0
								Total Project Cost	110,000

Non-Recurring Projects

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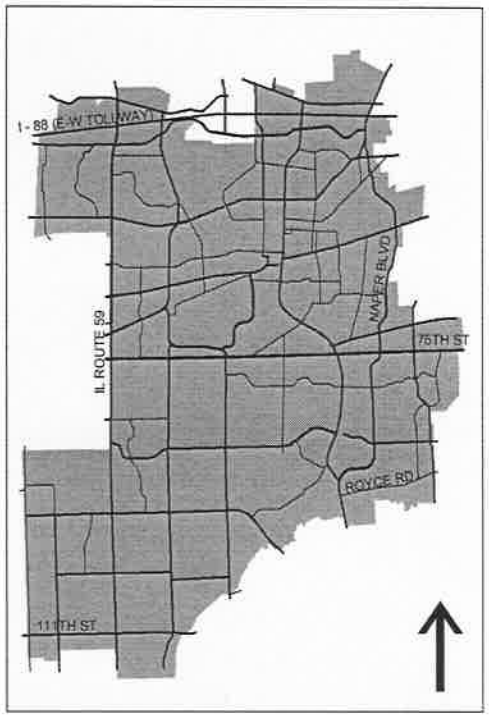
Project Number: MB190 **Project Title:** Defensive Tactics and Fitness Facility
Department Name: Police **CIP Status:** Changed - Non Recurring **Category Code:** A **Sector:** Northwest
Criteria Risk Management **WF Number:**

Project Purpose:
Design, build, and equip an addition to the existing police department fitness area for defensive tactics.

Project Narrative:
In the FY15 CIP, Council approved funding in the amount of $200,000 for this project. Further research found that that this amount will not be sufficient to properly complete the project. In order to complete the project the department will need an additional $150,000. The scope of the project has not changed and will include designing, building, and equipping an addition to the existing fitness area of the Police Department. This will assist in reducing the department's exposure to risk and will be used for defensive tactics training, survival skills training, and additional fitness initiatives. This addition was planned for when the building was originally designed so the foundation/footings already exist. The room will be padded so as to reduce training related injuries.



External Funding Sources Available
None

Projected Timetable
This project will start and be completed in FY16.

Impact on Operating Budget
There is no anticipated impact on the operating budget.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
G.O. Bond: Prior Issues	200,000	0	0	0	0	200,000
Unfunded Capital	150,000	0	0	0	0	150,000
Subtotal	350,000	0	0	0	0	350,000
					Prior Year(s) Expenditures	715
					Total All Sources	350,715

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Benefits	0	0	102	0	0	0	0	0	0
Equip. & Maint.	0	200,000	0	350,000	0	0	0	0	350,000
Salaries	0	0	613	0	0	0	0	0	0
Subtotal	0	200,000	715	350,000	0	0	0	0	350,000
								Prior Year(s) Expenditures	715
								Total Project Cost	350,715

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Information Technology

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CIP Executive Summaries

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FY 2016-2020 CIP
Information Technology Department
Executive Summary

Fiscal Year 2015-2019 Summary and Highlights

A Strategic Technology Plan was completed in Fiscal Year 2014-15 and will serve as the technology roadmap for the next three to five years. The Plan was officially endorsed by the City Council in August. As put forth in the Plan, the Information Technology (IT) Department partnered with the Finance Department to begin the multi-year process of viewing product demonstrations, selecting a vendor and implementing a new Enterprise Resource Planning (ERP) system. IT also initiated an evaluation of migrating email, SharePoint, and the Microsoft Office Suite to the Cloud. Efforts continued to become Payment Card Industry (PCI) compliant in order to accept credit card payments via the website and department assessments of the timekeeping system upgrade were performed.

IT also focused heavily on the Police Department in Fiscal Year 2014-15. In addition to replacement systems, the departments partnered to implement security requirements that were mandated by the Federal Bureau of Investigation, installed in-car video cameras in all patrol vehicles, upgraded the Livescan Fingerprint system, and migrated to a wireless reporting system that allows officers, supervisors, and telecommunicators to perform mobile computing and reporting.

Fiscal Year 2016 – 2020 Summary

Over the next several years IT will continue to manage projects that align with both the City's eGoverment Strategic Plan Initiative and the Strategic Technology Plan. These projects will not only create more efficient processes for employees, but also more convenient and accessible services for residents and businesses.

In support of the eGovernment initative, IT will implement software to facilitate the design, building and maintenance of web-based mapping applications. Platforms that support popular tools such as Your Place and Suvey Monument will soon be retired and this new software will allow in-house staff to build applications that work with laptops, PC's and mobile devices.

Upcoming years will also see the replacement of several technology infrastructures. Downtown wireless network, the Police Department parking citation system, network switches, and Voice over Internet Protocol (VoIP) phones are all either at end-of-life or part of a scheduled replacement in order to maintain, enhance, and support efficient and secure systems.

Customer service is critical to the success of any IT department. To that end, the current help desk/service request application will be replaced with a more robust and user-friendly system. This will assist internal departments, as well as IT, to get more timely responses, updates, and valuable system data.

FY 2016-2020 CIP
Information Technology Department
Executive Summary

Departmental Criteria

Following is the evaluation criteria used to determine project need, and for recommendation of projects for inclusion in the CIP:

A = High Priority – Absolutely have to do in the upcoming fiscal year due to legal requirements, contractual obligations, requirement to maintain basic City operations or business needs leading to significant cost reduction.

B = Medium Priority – Essential, but could be deferred for one year.

C = Low Priority – Important, but could be deferred more than one year.

Technology
FY16 Proposed CIP

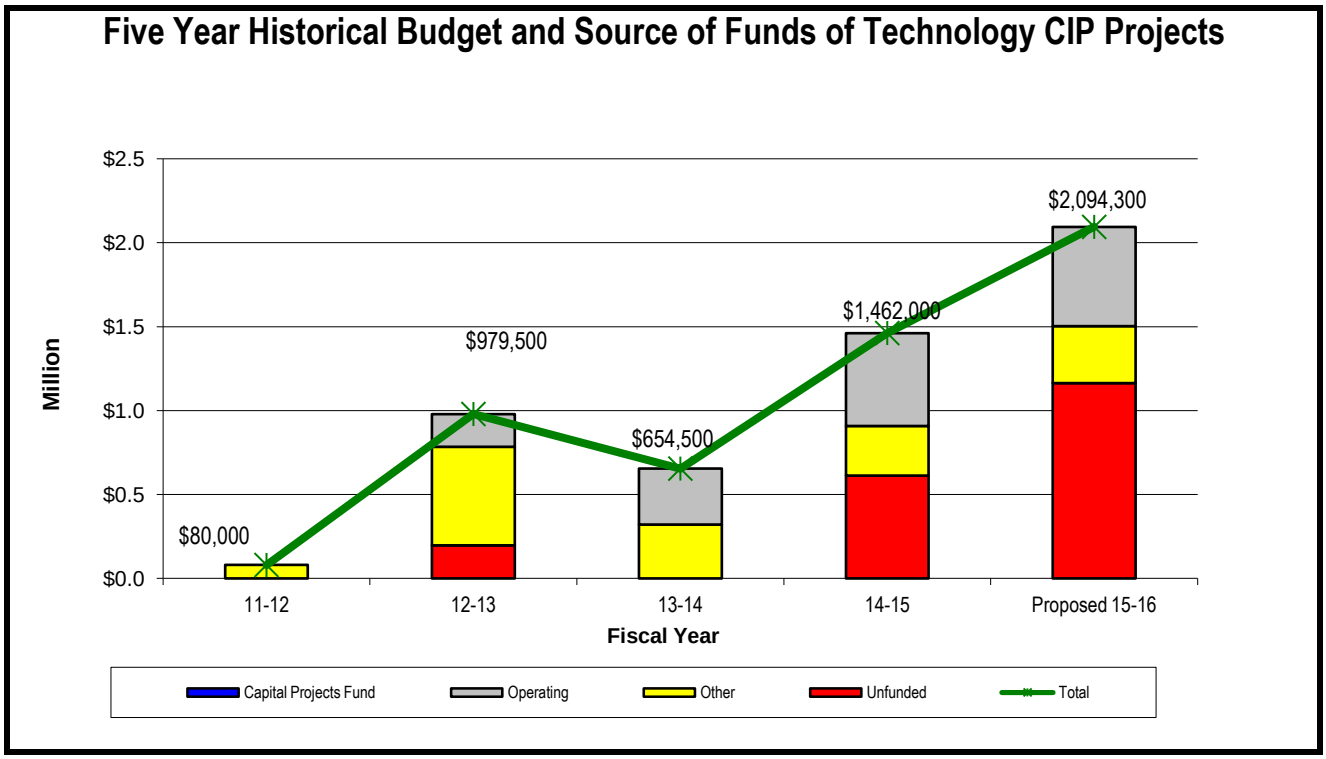
Projects by Functional Area:

New Systems	$	994,300
Service Enhancements		415,000
Systems Improvements		685,000
	$	**2,094,300**

Revenue Sources:

Water/Wastewater Operating Revenue		282,500
Electric Operating Revenue		308,500
Prior Year Bond		339,000
	$	**591,000**

Current Unfunded	**$**	**1,164,300**



Technology
Projects by Function for FY15-16

Funding Sources:

Project #	Description of Project	Water/Wastewater Operating Revenue	Electric Operating Revenue	Prior Year Bond	Unfunded	Grand Total
New Systems						
CE128	Network Security Infrastructure	87,500	87,500	-	175,000	**350,000**
CE129	IT Service/Support Request System (Help Desk Ticketing)	-	-		40,000	**40,000**
CE131	Network Switch Replacement	52,000	78,000	-	130,000	**260,000**
CE136	VoIP Phone Replacement	-	-	-	100,000	**100,000**
CE144	Payment Card Industry (PCI) Compliance	-	-	-	88,300	**88,300**
CE145	SAN Replacement	-	-	-	156,000	**156,000**
Total		**139,500**	**165,500**	**-**	**689,300**	**994,300**
Service Enhancements						
EG004	City Website Redesign	62,500	62,500	-	225,000	**350,000**
CE143	OnBase Enhancements	-	-	-	65,000	**65,000**
Total		**62,500**	**62,500**	**-**	**290,000**	**415,000**
Systems Improvements						
CE125	Enterprise Resource Planning (ERP) Software Migration	80,500	80,500	339,000	-	**500,000**
CE120	Downtown Wireless Network Infrastructure Replacement	-	-	-	185,000	**185,000**
Total		**80,500**	**80,500**	**339,000**	**185,000**	**685,000**
Grand Total		**$ 282,500**	**$ 308,500**	**$ 339,000**	**$ 1,164,300**	**$ 2,094,300**

CITY OF NAPERVILLE. ILLINOIS --- SUMMARY OF PROJECT ESTIMATES --- CAPITAL IMPROVEMENTS PROGRAM
PROJECTS EXPRESSED WITH 3% INFLATION FACTOR

Department: **Information Technology**

	WF #	Estimated Total Cost	Funding Source		FY15-16	FY16-17	FY17-18	FY18-19	FY19-20
CE112		Changed - Non Recurring		Disaster Recovery Data Center					
		27,810	F		0	27,810	0	0	0
		27,810	J		0	27,810	0	0	0
		55,620	U		0	55,620	0	0	0
	Project Total	**111,240**			**0**	**111,240**	**0**	**0**	**0**
CE120		Changed - Non Recurring		Downtown Network Infrastructure Replacement					
		185,000	U		185,000	0	0	0	0
	Project Total	**185,000**			**185,000**	**0**	**0**	**0**	**0**
CE125		Changed - Non Recurring		Enterprise Resource Planning (ERP) Software Migration					
		2,712,098	B		339,000	273,980	1,275,202	823,916	0
		755,298	F		80,500	120,510	282,199	272,089	0
		1,308,494	J		80,500	120,510	564,399	543,085	0
	Project Total	**4,775,891**			**500,000**	**515,000**	**2,121,800**	**1,639,091**	**0**
CE128		Changed - Non Recurring		Network Security Infrastructure for PCI Compliance					
		87,500	F		87,500	0	0	0	0
		87,500	J		87,500	0	0	0	0
		175,000	U		175,000	0	0	0	0
	Project Total	**350,000**			**350,000**	**0**	**0**	**0**	**0**
CE129		Previous Year - No Change		IT Service/Support Request System (Help Desk Ticketing)					
		103,654	U		40,000	63,654	0	0	0
	Project Total	**103,654**			**40,000**	**63,654**	**0**	**0**	**0**
CE131		Previous Year - No Change		Network Switch Replacement					
		52,000	F		52,000	0	0	0	0
		78,000	J		78,000	0	0	0	0
		130,000	U		130,000	0	0	0	0

A) GENERAL FUND B) G.O. BOND: PRIOR ISSUES C) CAPITAL PROJECTS FUND CF) SPECIAL EVENTS AND CULTURAL AMENITIES FUND D) DEVELOPER CONTRIBUTION E) SPECIAL ASSESSMENT F) WATER UTILITY G) OTHER GOVERNMENT GE) OTHER GOVERNMENT: ENTERPRISE H) MOTOR FUEL TAX IC) IMPACT FEES: CITY IU) IMPACT FEES: CITY UNFUNDED IW) IMPACT FEE: WILL COUNTY J) ELECTRIC UTILITY L) LIBRARY BUILDING RESERVES LH) LOCAL MOTOR FUEL TAX N) BURLINGTON NORTHERN RAILROAD O) DOWNTOWN PARKING SOLUTION OR) OTHER ROAD FUNDING SOURCE P) PRIVATE CONTRIBUTIONS Q) REPLACEMENT FUND R) ROAD & BRIDGE FUND S) SIDEWALK FUND T) OTHER GOVERNMENT: PENDING TF) TIF U) UNFUNDED CAPITAL V) UNFUNDED ELECTRIC W) UNFUNDED WATER

CITY OF NAPERVILLE. ILLINOIS --- SUMMARY OF PROJECT ESTIMATES --- CAPITAL IMPROVEMENTS PROGRAM
PROJECTS EXPRESSED WITH 3% INFLATION FACTOR

Department: **Information Technology**

	WF #	Estimated Total Cost	Funding Source		FY15-16	FY16-17	FY17-18	FY18-19	FY19-20
	Project Total	**260,000**			**260,000**	**0**	**0**	**0**	**0**
CE136		Previous Year - No Change		VoIP Phone Replacement Tier II					
		300,000	U		100,000	100,000	100,000	0	0
	Project Total	**300,000**			**100,000**	**100,000**	**100,000**	**0**	**0**
CE143		New		OnBase Enhancements					
		65,000	U		65,000	0	0	0	0
	Project Total	**65,000**			**65,000**	**0**	**0**	**0**	**0**
CE144		New		Payment Card Industry (PCI) Compliance					
		88,300	U		88,300	0	0	0	0
	Project Total	**88,300**			**88,300**	**0**	**0**	**0**	**0**
CE145		New		SAN Replacement					
		312,000	U		156,000	0	0	0	156,000
	Project Total	**312,000**			**156,000**	**0**	**0**	**0**	**156,000**
EG004		Changed - Non Recurring		City Website Redesign					
		62,500	F		62,500	0	0	0	0
		62,500	J		62,500	0	0	0	0
		225,000	U		225,000	0	0	0	0
	Project Total	**350,000**			**350,000**	**0**	**0**	**0**	**0**
	Department Total	**6,901,085**			**2,094,300**	**789,894**	**2,221,800**	**1,639,091**	**156,000**

A) GENERAL FUND B) G.O. BOND: PRIOR ISSUES C) CAPITAL PROJECTS FUND CF) SPECIAL EVENTS AND CULTURAL AMENITIES FUND D) DEVELOPER CONTRIBUTION E) SPECIAL ASSESSMENT F) WATER UTILITY G) OTHER GOVERNMENT GE) OTHER GOVERNMENT: ENTERPRISE H) MOTOR FUEL TAX IC) IMPACT FEES: CITY IU) IMPACT FEES: CITY UNFUNDED IW) IMPACT FEE: WILL COUNTY J) ELECTRIC UTILITY L) LIBRARY BUILDING RESERVES LH) LOCAL MOTOR FUEL TAX N) BURLINGTON NORTHERN RAILROAD O) DOWNTOWN PARKING SOLUTION OR) OTHER ROAD FUNDING SOURCE P) PRIVATE CONTRIBUTIONS Q) REPLACEMENT FUND R) ROAD & BRIDGE FUND S) SIDEWALK FUND T) OTHER GOVERNMENT: PENDING TF) TIF U) UNFUNDED CAPITAL V) UNFUNDED ELECTRIC W) UNFUNDED WATER

New Projects

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Project Number: CE143 **Project Title:** OnBase Enhancements

Department Name: Information Technology **CIP Status:** New **Category Code:** A **Sector:** Various

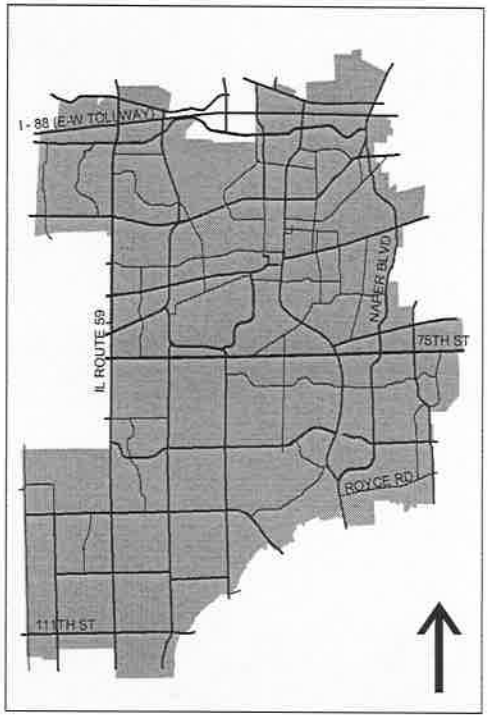
Criteria High Priority **WF Number:**

Project Purpose:

To upgrade the core OnBase software and implement new modules in order to improve research capability and support potential new media manager solutions for viewing and indexing public meetings.

Project Narrative:

The City of Naperville uses OnBase by Hyland Software as the electronic document management system. The Information Technology department, TED Business Group, and Requordit (OnBase reseller) have developed a roadmap for improving the environment through software upgrades and implementing new modules that will assist staff search for and/or index new information. Upgrades are also necessary as the City evaluates new media manager solutions for streaming public meetings.



External Funding Sources Available

None

Projected Timetable

To be completed by the end of FY16.

Impact on Operating Budget

Annual maintenance in future years.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	10,600	10,600	10,600	10,600	42,400
Subtotal	0	10,600	10,600	10,600	10,600	42,400
					Prior Year(s) Impact	0
					Total Project Impact	42,400

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	65,000	0	0	0	0	65,000
Subtotal	65,000	0	0	0	0	65,000
					Prior Year(s) Expenditures	0
					Total All Sources	65,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Softwr & Maint.	0	0	0	65,000	0	0	0	0	65,000
Subtotal	0	0	0	65,000	0	0	0	0	65,000
								Prior Year(s) Expenditures	0
								Total Project Cost	65,000

Project Number: CE144 **Project Title:** Payment Card Industry (PCI) Compliance

Department Name: Information Technology **CIP Status:** New **Category Code:** A **Sector:** Various

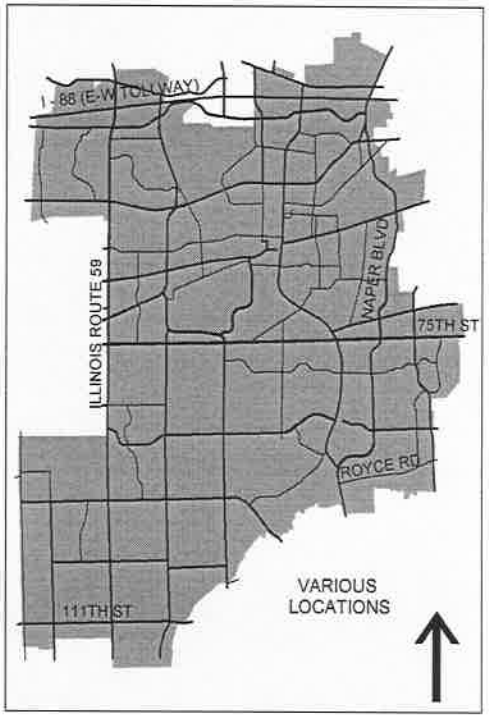
Criteria High Priority **WF Number:**

Project Purpose:

The Payment Card Industry (PCI) Compliance Project relates to the City's effort to become PCI compliant in preparation of accepting online credit card payment for services.

Project Narrative:

The City is current accepting credit card payment for utility billing, parking tickets, bonds, etc., manually and keeping the paper receipts in Finance. In order for the City to accept credit cards electronically thru the City's financial system, the City must comply with the Payment Card Industry Security Standards Council's PCI DSS Security Standards which includes requirements for security management, policies, procedures, network architecture, software design and other critical protective measures. This project will position the City to better conduct "e" related business today and in the future. PCI compliance is one part of the City's goal of becoming an eGov leader and providing the best possible services to its citizens.



External Funding Sources Available

None

Projected Timetable

Vendor selection, system development and implementation in FY16.

Impact on Operating Budget

Future maintenance costs.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	88,300	0	0	0	0	88,300
Subtotal	88,300	0	0	0	0	88,300
					Prior Year(s) Expenditures	0
					Total All Sources	88,300

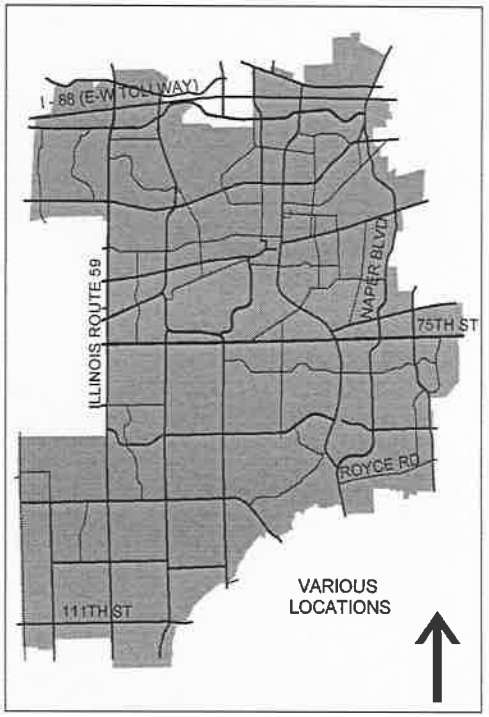
Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Softwr & Maint.	0	0	0	88,300	0	0	0	0	88,300
Subtotal	0	0	0	88,300	0	0	0	0	88,300
								Prior Year(s) Expenditures	0
								Total Project Cost	88,300

Project Number: CE145 **Project Title:** SAN Replacement
Department Name: Information Technology **CIP Status:** New **Category Code:** A **Sector:** Various
Criteria High Priority **WF Number:**

Project Purpose:
Storage Area Network (SAN) server replacement.

Project Narrative:
Most of the city's core business processes are now completely digital which has led to an increase in demand for data storage. The City's Storage Area Network (SAN) has allowed the city to consolidate data storage and virtualize many of its servers, thus reducing the overall number of physical servers and the associated replacement and maintenance costs. The components of the Storage Area Network that were purchased over five years ago will reach the end of their life and will no longer be supported by the manufacturer.



External Funding Sources Available
None.

Projected Timetable
To be completed in FY16.

Impact on Operating Budget
None.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	156,000	0	0	0	156,000	312,000
Subtotal	156,000	0	0	0	156,000	312,000
					Prior Year(s) Expenditures	0
					Total All Sources	312,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Equip. & Maint.	0	0	0	156,000	0	0	0	156,000	312,000
Subtotal	0	0	0	156,000	0	0	0	156,000	312,000
								Prior Year(s) Expenditures	0
								Total Project Cost	312,000

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Non-Recurring Projects

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Project Number: CE112 **Project Title:** Disaster Recovery Data Center

Department Name: Information Technology **CIP Status:** Changed - Non Recurring **Category Code:** C **Sector:** Various

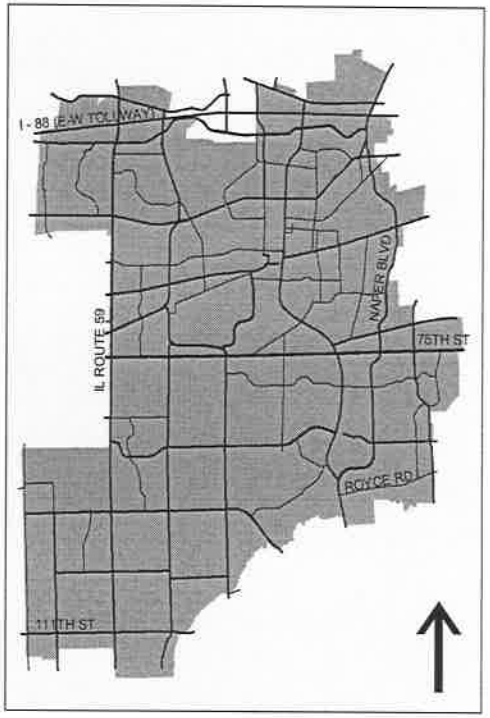
Criteria Low Priority **WF Number:**

Project Purpose:

To implement a disaster recovery data center utilizing the city's connection to Northern Illinois University's (NIU) network. This will ensure enterprise-wide data and application availability and enable continuity of service delivery to residents and customers.

Project Narrative:

Having a remote data center located a minimum of 40 miles from a primary data center is a common business practice. This will ensure the continuity of critical business operations. By connecting through the NIU network, the City will place a secondary data storage system and application server in the secure data center in Sycamore, IL. This data center will provide for the storage of critical data and applications should the city's local systems be compromised. This will greatly reduce recovery time. As the city has become more reliant on technology, the need for improved disaster recovery methodologies has grown significantly. In order to reduce costs for this project staff will evaluate and explore the implementation of cloud-based applications.



External Funding Sources Available

None

Projected Timetable

Complete request For proposal process, equipment installation, configuration and testing to be completed in FY17.

Impact on Operating Budget

Annual maintenance for the hardware and software will be $5,000 for each of the first three years. It will then increase to an annual cost of $15,000 to cover the storage area network hardware. The network connection and co-location charges will be $18,000

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	23,000	23,000	23,000	33,000	102,000
Subtotal	0	23,000	23,000	23,000	33,000	102,000
					Prior Year(s) Impact	0
					Total Project Impact	102,000

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Water Utility	0	27,810	0	0	0	27,810
Electric Utility	0	27,810	0	0	0	27,810
Unfunded Capital	0	55,620	0	0	0	55,620
Subtotal	0	111,240	0	0	0	111,240
					Prior Year(s) Expenditures	0
					Total All Sources	111,240

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Equip. & Maint.	0	0	0	0	98,880	0	0	0	98,880
Operating Expenditure	0	0	0	0	12,360	0	0	0	12,360
Subtotal	0	0	0	0	111,240	0	0	0	111,240
								Prior Year(s) Expenditures	0
								Total Project Cost	111,240

Project Number: CE120 **Project Title:** Downtown Network Infrastructure Replacement

Department Name: Information Technology **CIP Status:** Changed - Non Recurring **Category Code:** B **Sector:** Various

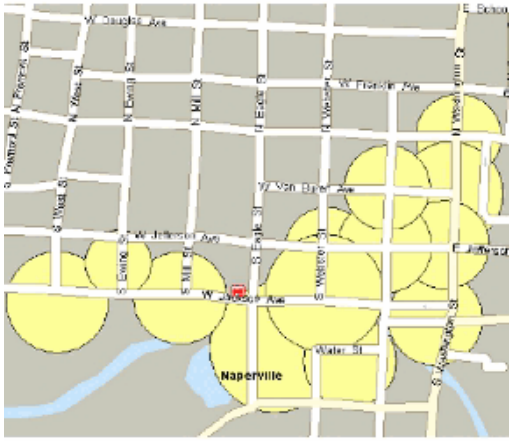
Criteria Medium Priority **WF Number:**

Project Purpose:

The purpose of this project is to replace the network infrastructure that supports the downtown video safety/surveillance camera system and the parking guidance system.

Project Narrative:

The downtown network was installed as a wireless network by MetroFi to provide Wi-Fi to the downtown area. The City obtained ownership of the system and a vendor was contracted to reconfigure the wireless network to support downtown cameras and the parking guidance system while continuing to provide Wi-Fi access to downtown patrons. The infrastructure is reaching the end of its useful life and the City will need to replace the network infrastructure to maintain support of the parking guidance system; improvement of video image quality of the existing downtown cameras and the expansion of the security camera system; and support other city network-based applications, such as building security and building automation systems. This project includes funds for consultant support to evaluate the existing fiber infrastructure and develop the scope of work and specifications for the network upgrade.



External Funding Sources Available

None

Projected Timetable

Design and construction will occur in FY16.

Impact on Operating Budget

None. This equipment will replace and upgrade existing equipment.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	185,000	0	0	0	0	185,000
Subtotal	185,000	0	0	0	0	185,000
					Prior Year(s) Expenditures	0
					Total All Sources	185,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Consultant	0	55,000	0	55,000	0	0	0	0	55,000
Equip. & Maint.	0	130,000	0	130,000	0	0	0	0	130,000
Subtotal	0	185,000	0	185,000	0	0	0	0	185,000
								Prior Year(s) Expenditures	0
								Total Project Cost	185,000

Project Number: CE125 **Project Title:** Enterprise Resource Planning (ERP) Software Migration

Department Name: Information Technology **CIP Status:** Changed - Non Recurring **Category Code:** A **Sector:** Various

Criteria High Priority **WF Number:**

Project Purpose:

The purpose of this project is to migrate the City's Naviline SunGard Public Sector software from the current platform, which the City implemented in 1990. This project aligns with the City's e-Government initiative.

Project Narrative:

ERP refers to an integrated suite of software applications that support the core business functions of an organization. Some of the business functions that SunGard software supports include: Accounting, Utility Billing, Accounts Receivable, Building Permits, Business Licenses, Payroll/Personnel, Purchasing/Inventory, and Code Enforcement. Support for the City's ERP is decreasing as SunGard increases marketing for it's OneSolution product. Naviline is not built to current software development standards and it does not have the capability to support customer-friendly e-government initiatives. While OneSolution is built on Microsoft's web-based programming language and is fully integrated with Microsoft's desktop applications, the City will evaluate other vendor solutions to determine if migrating to a different ERP is the preferred approach.

External Funding Sources Available

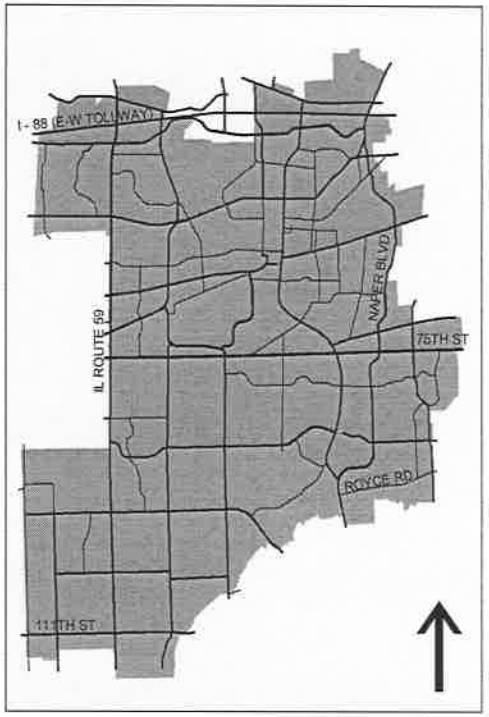
None

Projected Timetable

Release a vendor RFP in FY15 and select ERP vendor and begin implementation in FY16.

Impact on Operating Budget

Impact to operating budget is dependent upon the selected ERP. Software costs will be budgeted upon vendor selection.



Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
G.O. Bond: Prior Issues	339,000	273,980	1,275,202	823,916	0	2,712,098
Water Utility	80,500	120,510	282,199	272,089	0	755,298
Electric Utility	80,500	120,510	564,399	543,085	0	1,308,494
Subtotal	500,000	515,000	2,121,800	1,639,091	0	4,775,891
					Prior Year(s) Expenditures	0
					Total All Sources	4,775,891

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Consultant	0	150,000	0	150,000	0	0	0	0	150,000
Softwr & Maint.	0	0	0	350,000	515,000	2,121,800	1,639,091	0	4,625,891
Subtotal	0	150,000	0	500,000	515,000	2,121,800	1,639,091	0	4,775,891
								Prior Year(s) Expenditures	0
								Total Project Cost	4,775,891

Project Number: CE128 **Project Title:** Network Security Infrastructure for PCI Compliance

Department Name: Information Technology **CIP Status:** Changed - Non Recurring **Category Code:** A **Sector:** Various

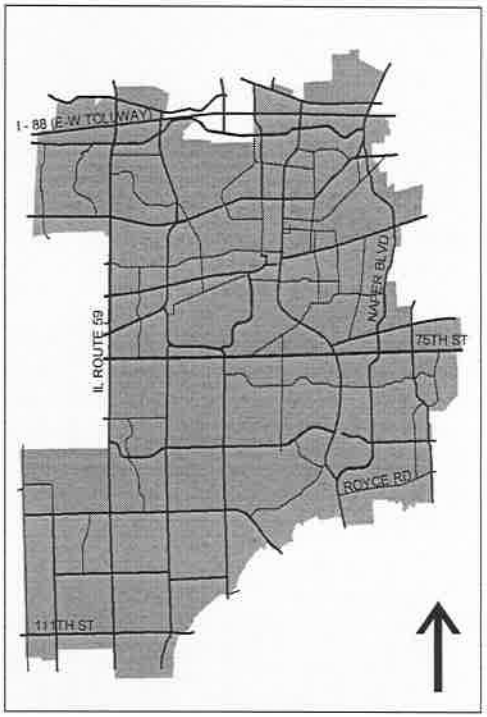
Criteria High Priority **WF Number:**

Project Purpose:

To create a usable and safe data network. This project will secure existing external connections, implement an anti-malware application, and add enhancements to the City's network which will allow for the acceptance of credit card payments per the Payment Card Industry Security Standards (PCI).

Project Narrative:

To increase the security of the City's data network an anti-malware application will be implemented to protect against malware and web exploits. Security will also include additional firewalls to secure existing external connections to other networks and enhancements will be made to allow for the acceptance of credit card payments directly into the City's enterprise resource planning system per the Payment Card Industry Security Standards (PCI). This project is aligned with the City's e-Government Strategic Initiative.



External Funding Sources Available

None

Projected Timetable

RFP specifications released in FY15. Implementation of the new security appliance will occur in FY16.

Impact on Operating Budget

Annual maintenance fees.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	30,000	30,000	30,000	30,000	120,000
Subtotal	0	30,000	30,000	30,000	30,000	120,000
					Prior Year(s) Impact	0
					Total Project Impact	120,000

Funding Source Summary

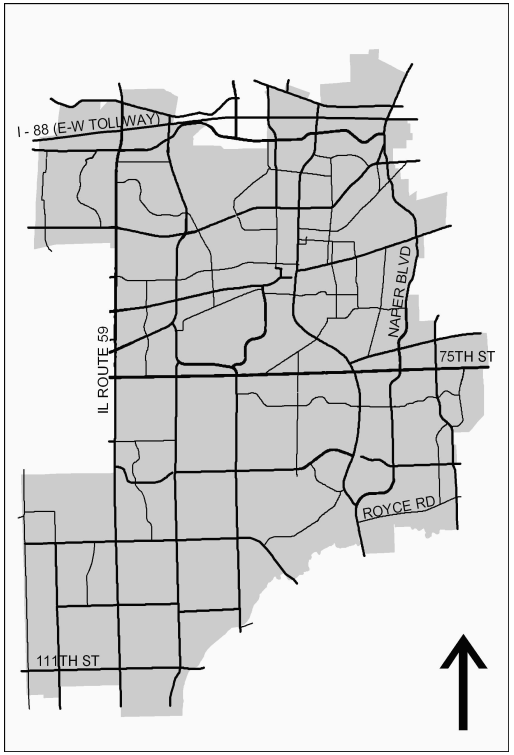
Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Water Utility	87,500	0	0	0	0	87,500
Electric Utility	87,500	0	0	0	0	87,500
Unfunded Capital	175,000	0	0	0	0	175,000
Subtotal	350,000	0	0	0	0	350,000
					Prior Year(s) Expenditures	73,003
					Total All Sources	423,003

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	36,124	0	0	0	0	0	0
Equip. & Furnishing	0	75,000	36,880	180,000	0	0	0	0	180,000
Softwr & Maint.	0	0	0	170,000	0	0	0	0	170,000
Subtotal	0	75,000	73,003	350,000	0	0	0	0	350,000
								Prior Year(s) Expenditures	73,003
								Total Project Cost	423,003

Project Number: CE129 **Project Title:** IT Service/Support Request System (Help Desk Ticketing)
Department Name: Information Technology **CIP Status:** Previous Year - No Change **Category Code:** B **Sector:** Various
Project Purpose: **Criteria** **WF Number:**
To replace the current IT Help Desk application with an improved Service Support Management System. Medium Priority

Project Narrative:
Department customers are not satisfied with the current IT Help Desk application. A citywide SWOT analysis identified the need for a more efficient service request system that will provide departments with a user-friendly tool to submit requests and check their status. This need was validated by the consultant engaged to develop the 2014 Strategic Technology Plan. A new application will also assist IT staff with the collection and trending of requests to more efficiently allocate resources and plan future purchases.



External Funding Sources Available
None

Projected Timetable
The software will be implemented in two phases, with the core modules implemented in FY17.

Impact on Operating Budget
Annual software maintenance and support of $15,000 after the full implementation.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	15,000	15,000	15,000	45,000
Subtotal	0	0	15,000	15,000	15,000	45,000
					Prior Year(s) Impact	0
					Total Project Impact	45,000

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	40,000	63,654	0	0	0	103,654
Subtotal	40,000	63,654	0	0	0	103,654
					Prior Year(s) Expenditures	0
					Total All Sources	103,654

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Equip. & Maint.	0	0	0	40,000	63,654	0	0	0	103,654
Subtotal	0	0	0	40,000	63,654	0	0	0	103,654
								Prior Year(s) Expenditures	0
								Total Project Cost	103,654

Project Number: CE131 **Project Title:** Network Switch Replacement

Department Name: Information Technology **CIP Status:** Previous Year - No Change **Category Code:** A **Sector:** Various

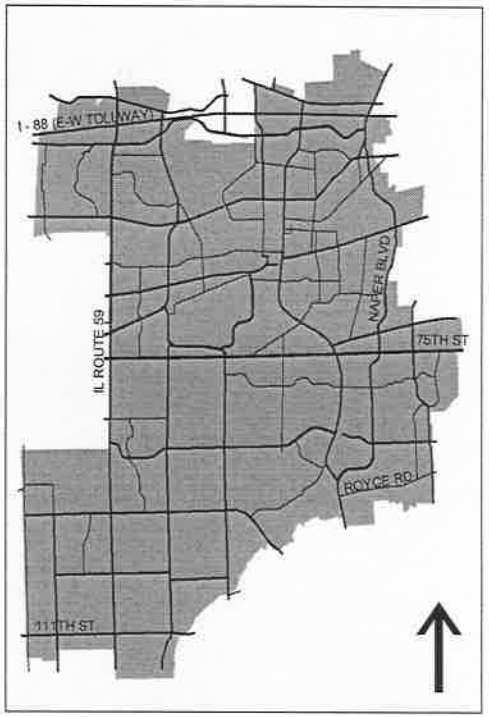
Criteria High Priority **WF Number:**

Project Purpose:

To replace the existing Local Area Network (LAN) switches that are at end-of-life and will no longer be supported by the manufacturer.

Project Narrative:

The LAN switches were installed as part of the Voice over Internet Protocol (VoIP) phone system in FY07 and are at end-of-life for support by the manufacturer. Replacing the network switches will also enable the City to upgrade its network speed from 100 Mbps (Megabits per second) to 1000 Mbps to meet the increasing demand for network bandwidth. There are 83 network switches located in 20 different buildings.



External Funding Sources Available

None

Projected Timetable

Bid released in FY15. Equipment purchased and installed in FY16.

Impact on Operating Budget

None

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Water Utility	52,000	0	0	0	0	52,000
Electric Utility	78,000	0	0	0	0	78,000
Unfunded Capital	130,000	0	0	0	0	130,000
Subtotal	260,000	0	0	0	0	260,000
					Prior Year(s) Expenditures	0
					Total All Sources	260,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Equip. & Furnishing	0	0	0	260,000	0	0	0	0	260,000
Subtotal	0	0	0	260,000	0	0	0	0	260,000
								Prior Year(s) Expenditures	0
								Total Project Cost	260,000

Project Number: CE136 **Project Title:** VoIP Phone Replacement Tier II

Department Name: Information Technology **CIP Status:** Previous Year - No Change **Category Code:** A **Sector:** Various

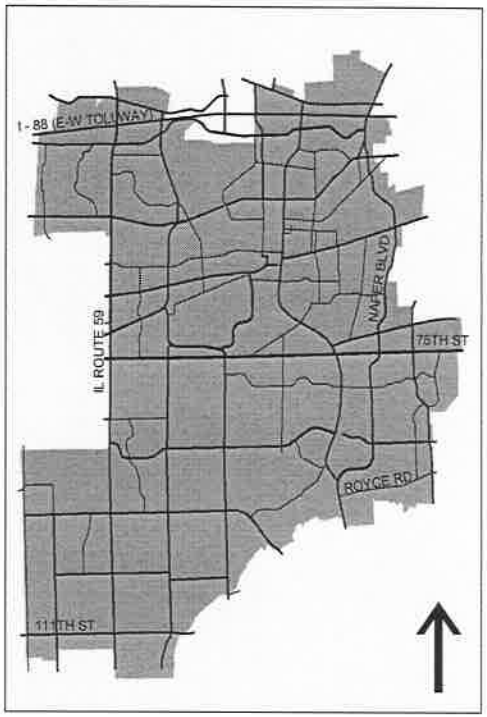
Criteria High Priority **WF Number:**

Project Purpose:

To replace the Voice over Internet Protocol (VoIP) phones which were installed in FY07 and reaching their end-of-life.

Project Narrative:

The City has over 600 phones that were installed in FY07 as part of the VoIP implementation. The replacement project will be phased in over three years to minimize fiscal impact. Since the new phones will enable the City to increase its Local Area Network (LAN) speed to 1000 Mbps (Megabits per second) this project will be coordinated with CE 131 - Network Switch Replacement.



External Funding Sources Available

None

Projected Timetable

Release bid and purchase 200 phones in FY15-18.

Impact on Operating Budget

The deparmental chargeback to fund the IT Replacement fund will increase $100,000 annually for the life of the project.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	100,000	100,000	100,000	0	0	300,000
Subtotal	100,000	100,000	100,000	0	0	300,000
					Prior Year(s) Impact	0
					Total Project Impact	300,000

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	100,000	100,000	100,000	0	0	300,000
Subtotal	100,000	100,000	100,000	0	0	300,000
					Prior Year(s) Expenditures	0
					Total All Sources	300,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Equip. & Furnishing	0	0	0	100,000	100,000	100,000	0	0	300,000
Subtotal	0	0	0	100,000	100,000	100,000	0	0	300,000
								Prior Year(s) Expenditures	0
								Total Project Cost	300,000

Project Number: EG004 **Project Title:** City Website Redesign

Department Name: Information Technology **CIP Status:** Changed - Non Recurring **Category Code:** B **Sector:** Various

Criteria Medium Priority **WF Number:**

Project Purpose:

To redesign and reorganize the City's website and enable the City to take advantage of new business models for managing website content and customer interaction. This project aligns with Community Education and Involvement Strategic Plan Initiative.

Project Narrative:

The City's website has not undergone a comprehensive redesign and restructuring since 2006. Since the last redesign, there have been numerous enhancements to the functionality of the website including Freedom of Information Act (FOIA) request system, citizen service request system, and electronic meeting agendas. In addition, thousands of new web content provide information on city services make up the current website. A redesign is required to ensure content and features of the website meet the needs of all residents, businesses, & visitors of the site, mobile users and those requiring Americans with Disabilities Act (ADA) accommodations. This project will evaluate replacing the existing content management software, performing a comprehensive Information Architecture (IA) study, incorporating a new user experience, as well as preparing to integrate the City's new eGovernment initiatives.

External Funding Sources Available

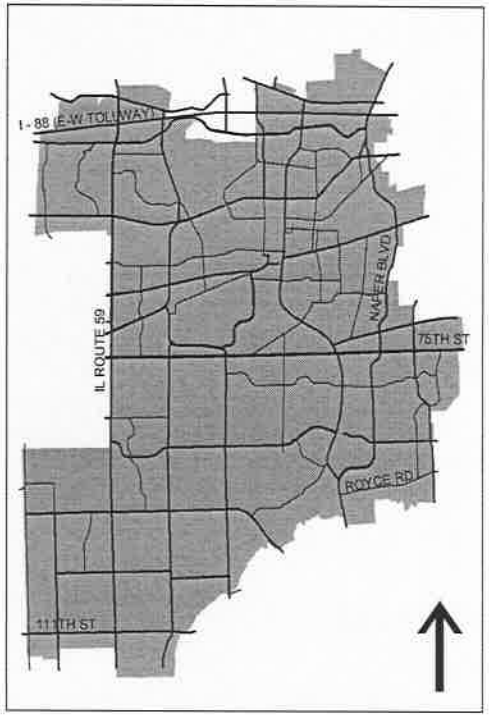
Potential grant funding is available.

Projected Timetable

Determine department needs and investigate content management hosting solutions in FY15. Release redesign RFP in FY16.

Impact on Operating Budget

An externally hosted website may increase the cost.



Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	16,400	16,400	16,400	16,400	65,600
Subtotal	0	16,400	16,400	16,400	16,400	65,600
					Prior Year(s) Impact	0
					Total Project Impact	65,600

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Water Utility	62,500	0	0	0	0	62,500
Electric Utility	62,500	0	0	0	0	62,500
Unfunded Capital	225,000	0	0	0	0	225,000
Subtotal	350,000	0	0	0	0	350,000
					Prior Year(s) Expenditures	1,843
					Total All Sources	351,843

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Consultant	0	25,000	0	25,000	0	0	0	0	25,000
Equip. & Furnishing	0	0	1,843	0	0	0	0	0	0
Softwr & Maint.	0	300,000	0	325,000	0	0	0	0	325,000
Subtotal	0	325,000	1,843	350,000	0	0	0	0	350,000
								Prior Year(s) Expenditures	1,843
								Total Project Cost	351,843

Appendix A

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Project Number: CE123 **Project Title:** Email, Intranet, and Office Suite Upgrade

Department Name: Information Technology **CIP Status:** Appendix A **Category Code:** A **Sector:** Various

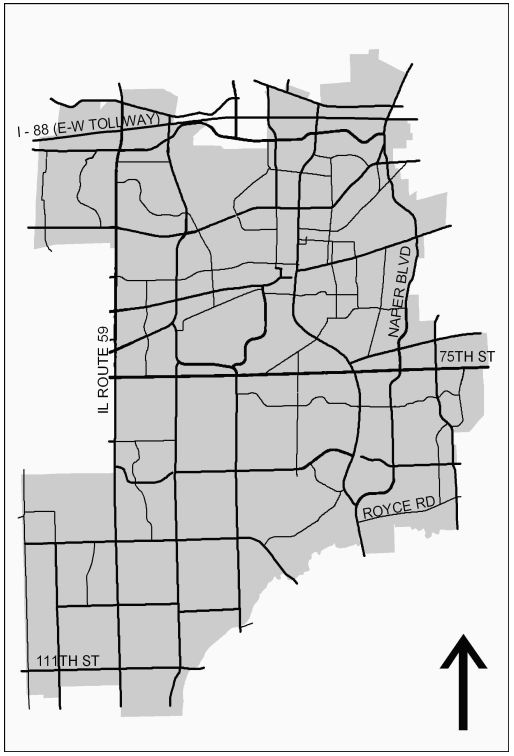
Project Purpose:

To upgrade the hardware and software for the City's email, Intranet, and Office suite systems.

Criteria Medium Priority **WF Number:**

Project Narrative:

The software used for the City Intranet (Microsoft SharePoint), email system (Microsoft Exchange) and office productivity software (Microsoft Office) are all key enterprise applications used for inter-departmental collaboration, employee communication, and document management. In FY15 the Information Technology (IT) department engaged a consultant to conduct a city-wide assessment of all three systems and to propose upgrade solutions. One potential solution, migrating to the Cloud, will align the upgrade cycles for these heavily integrated systems, shift the ownership of upgrade to Microsoft, and provide City staff with new or enhanced functionality that will lead to future efficiencies and business process improvements.



External Funding Sources Available

None

Projected Timetable

Design and implementation to occur in FY15-16.

Impact on Operating Budget

This will be replacing existing equipment so there will be no change to the operating budget.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Subtotal	0	0	0	0	0	0
					Prior Year(s) Expenditures	154,954
					Total All Sources	154,954

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	32,015	0	0	0	0	0	0
Consultant	0	200,000	0	0	0	0	0	0	0
Equip. & Furnishing	90,525	0	32,414	0	0	0	0	0	0
Equip. & Maint.	0	0	0	0	0	0	0	0	0
Softwr & Maint.	0	180,000	0	0	0	0	0	0	0
Subtotal	90,525	380,000	64,429	0	0	0	0	0	0
								Prior Year(s) Expenditures	154,954
								Total Project Cost	154,954

Project Number: CE130 **Project Title:** NPD CJIS Security Policy Compliance

Department Name: Information Technology **CIP Status:** Appendix A **Category Code:** A **Sector:** Various

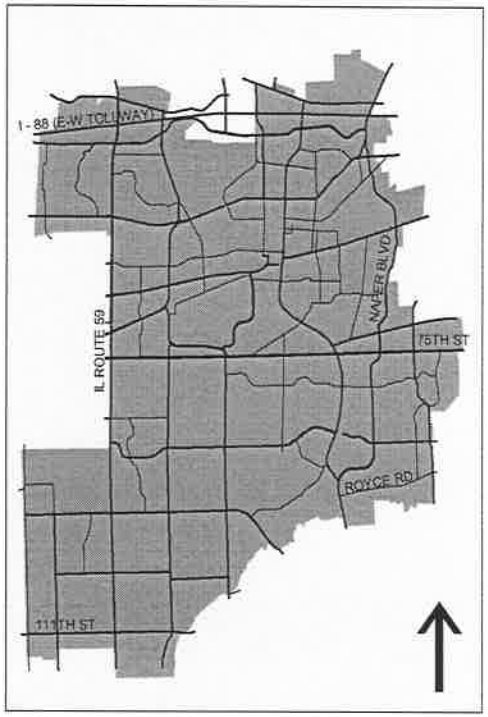
Criteria High Priority **WF Number:**

Project Purpose:

The purpose of this project is to implement the security requirements specified in the FBI Criminal Justice Information Services Security Policy version 5.1. On July 13, 2012 the FBI issued an update to its CJIS Security Policy & mandated a two-factor user authentication must be implemented by agencies that access FBI data by September1, 2014 .

Project Narrative:

The Naperville Police Department does not currently enforce a two-factor authentication system for its officers and staff who access CJIS information. Two-factor authentication is a security process in which the user provides two means of identification, one of which is typically a physical token, such as a card, and the other of which is typically something memorized, such as a security code. This project includes the evaluation, procurement and implementation of a two-factor authentication system. This system would include ID cards, card readers, system software, and servers, and installation.



External Funding Sources Available

None

Projected Timetable

The system will be purchased in FY14 and installed, tested, and ready for use in FY15.

Impact on Operating Budget

Annual software maintenance and support of $10,000 charged to the Naperville Police Department.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	10,000	10,000	10,000	10,000	10,000	50,000
Subtotal	10,000	10,000	10,000	10,000	10,000	50,000
					Prior Year(s) Impact	0
					Total Project Impact	50,000

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Subtotal	0	0	0	0	0	0
					Prior Year(s) Expenditures	79,470
					Total All Sources	79,470

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Engineering	0	10,000	0	0	0	0	0	0	0
Equip. & Furnishing	0	0	79,470	0	0	0	0	0	0
Equip. & Maint.	0	70,000	0	0	0	0	0	0	0
Subtotal	0	80,000	79,470	0	0	0	0	0	0
								Prior Year(s) Expenditures	79,470
								Total Project Cost	79,470

Project Number: CE133 **Project Title:** NPD Digital Fingerprinting System Replacement

Department Name: Information Technology **CIP Status:** Appendix A **Category Code:** A **Sector:** Various

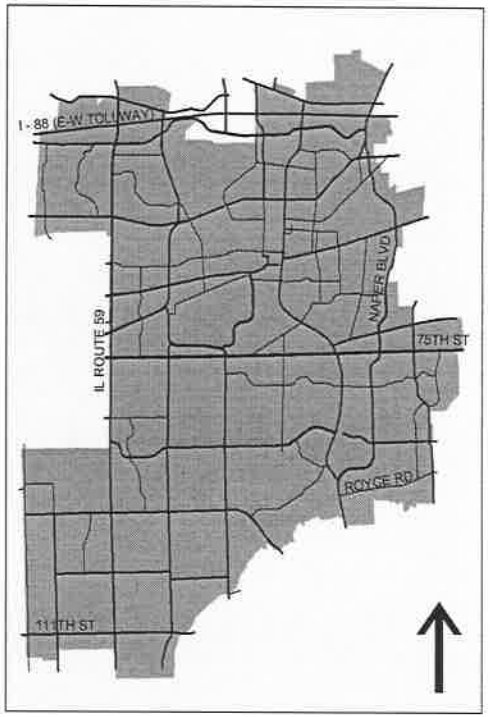
Criteria High Priority **WF Number:**

Project Purpose:

To replace existing digital fingerprinting system which includes two portable units and one fixed unit in the Police Department Detention Center. Each portable unit includes a laptop, proprietary software, an interface to the finger print scanner, and a scanner. The fixed unit includes a scanner, computer & interfaces for integration with external systems.

Project Narrative:

The digital fingerprinting system is a critical component of the Naperville Police Department's operations. Digital imagery of a person's finger and palm prints are recorded and sent to the State of Illinois Bureau of Identification database. This system is used as part of an arrestee's booking process and as part of the background check process. The present Identix digital fingerprinting system the City owns is antiquated, making the booking process inefficient and cumbersome. This system is prone to frequent breakdowns, and since its parts are no longer manufactured it has to be fixed with refurbished parts. Identix will no longer support this system after 2015.



External Funding Sources Available

None

Projected Timetable

Procurement, installation, configuration, testing, and implementation in FY15.

Impact on Operating Budget

Annual maintenance cost will remain the same as the current system.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Subtotal	0	0	0	0	0	0
					Prior Year(s) Expenditures	68,628
					Total All Sources	68,628

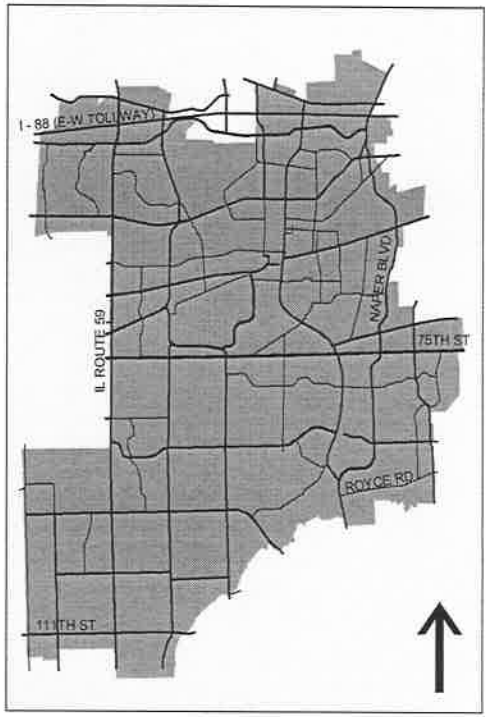
Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Engineering	0	5,000	0	0	0	0	0	0	0
Equip. & Furnishing	0	0	68,628	0	0	0	0	0	0
Equip. & Maint.	0	65,000	0	0	0	0	0	0	0
Subtotal	0	70,000	68,628	0	0	0	0	0	0
								Prior Year(s) Expenditures	68,628
								Total Project Cost	68,628

Project Number: CE135 **Project Title:** IBM Server Replacement
Department Name: Information Technology **CIP Status:** Appendix A **Category Code:** A **Sector:** Various
Criteria High Priority **WF Number:**

Project Purpose:
Replace existing IBM server for the City's SunGard Enterprise Resource Planning (ERP) system.

Project Narrative:
There is a business need to reduce server processing time and increase disk storage of its SunGard ERP server. By replacing the current IBM iSeries with an IBM Power 720 server processing power will increase by 75% and there will be corresponding reduction in time to run critical processes such as the utility billing update.



External Funding Sources Available
None

Projected Timetable
Develop bid specifications, release bid and select vendor, install IBM Power 720 server, and migrate data and applications in FY15.

Impact on Operating Budget
A three-year maintenance agreement will be included in the purchase of the new server. This will eliminate the cost of maintenance for the current server for three years, and maintenance at a reduced cost for the new server will be included for years four and five.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	(28,500)	(28,500)	(28,500)	12,500	12,500	(60,500)
Subtotal	(28,500)	(28,500)	(28,500)	12,500	12,500	(60,500)
					Prior Year(s) Impact	0
					Total Project Impact	(60,500)

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Subtotal	0	0	0	0	0	0
					Prior Year(s) Expenditures	65,239
					Total All Sources	65,239

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	65,239	0	0	0	0	0	0
Consultant	0	22,500	0	0	0	0	0	0	0
Equip. & Furnishing	0	38,000	0	0	0	0	0	0	0
Softwr & Maint.	0	12,500	0	0	0	0	0	0	0
Subtotal	0	73,000	65,239	0	0	0	0	0	0
								Prior Year(s) Expenditures	65,239
								Total Project Cost	65,239

Project Number: EG008 **Project Title:** GIS Web Content Management

Department Name: Information Technology **CIP Status:** Appendix A **Category Code:** B **Sector:** Various

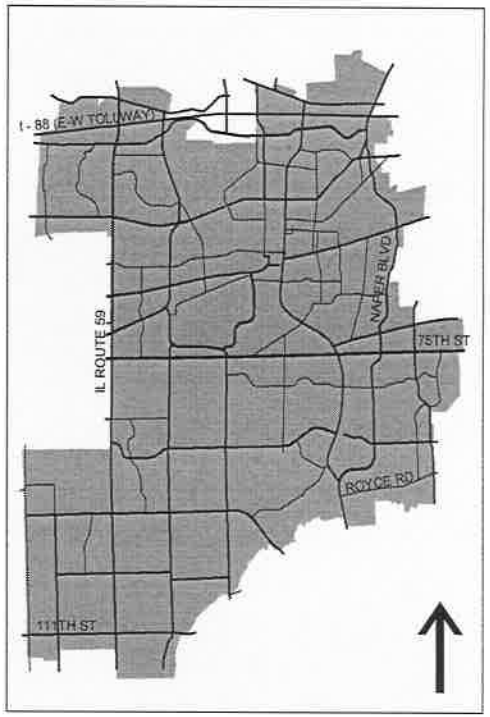
Criteria Medium Priority **WF Number:**

Project Purpose:

To acquire software to facilitate the design, building and maintenance of web-based mapping applications for the City. These applications would be used by staff and residents. This project aligns with the Community Education and involvement Strategic Plan Initiative.

Project Narrative:

As technology evolves, the City needs to respond to the demand for web-based mapping applications that work on traditional laptops and PCs as well as mobile devices, such as tablets and smart phones. The purpose of this project is to acquire software that will allow IT staff to build these interfaces quickly and in-house, but still stay in a fully supported environment that will allow upgrades to happen more quickly. The current web-mapping applications such as Your Place and the Survey Monument viewer are built on technology that will soon be retired by our current GIS software vendor.



External Funding Sources Available

None

Projected Timetable

Develop software specifications, release RFP, and implement software in FY15.

Impact on Operating Budget

Increase of $5,000 in annual software maintenance costs.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	5,000	5,000	5,000	5,000	5,000	25,000
Subtotal	5,000	5,000	5,000	5,000	5,000	25,000
					Prior Year(s) Impact	0
					Total Project Impact	25,000

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Subtotal	0	0	0	0	0	0
					Prior Year(s) Expenditures	33,680
					Total All Sources	33,680

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Equip. & Furnishing	0	0	33,680	0	0	0	0	0	0
Softwr & Maint.	0	0	0	0	0	0	0	0	0
Subtotal	0	0	33,680	0	0	0	0	0	0
								Prior Year(s) Expenditures	33,680
								Total Project Cost	33,680

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Public Works

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CIP Executive Summaries

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FY 2016-2020 CIP
Public Works Department
Executive Summary

Fiscal Year 2014-2015 Summary and Highlights

The Department of Public Works (DPW) started the replacement of the citywide street light system with Light Emitting Diode (LED) fixtures. This program was originally submitted as a 5-year program but based upon pricing has been recommended to accelerate to a 3-year installation. This reduces the payback period to approximately 6 years and increases the total program savings to $4.56 million. The first year of the program will replace 1,400 with the remaining 7,000 residential lights to be replaced over the next two fiscal years.

DPW completed the construction of the Environmental Collection Center. The majority of this project was funded by the State of Illinois and will help to improve the proper disposal of hazardous, electronic, and traditional recycling materials. This site will consolidate DPW's environmental services to improve efficiency and expand capacity for green initiatives.

In FY2015, DPW continued the Emerald Ash Borer (EAB) Removal and Replacement Program. This was the 4th year of 6 year program for the removal, replacement, and trimming of infected ash trees. Through the comprehensive EAB plan, the City has maintained a healthy inventory of 13,200 ash trees from the original 16,300 ash trees in the urban forest.

City facility maintenance projects were another focus area of DPW in FY2015, projects included: the replacement of the Salt Conveyor System at Compost; floor repairs and replacements at Fire Station #2; the tuck-pointing of masonry at Fire Station #7; and the replacement of partition wall in meeting rooms A, B, and C at the Municipal Center.

Other major CIP projects that were completed in FY2015 include; the alley improvement program, in which two alleys from 7th to 8th and 8th to Ogden between Washington and Center were reconstructed, this completes a total of 40 out of 61 alley segment projects; stormwater maintenance projects including re-lining 24,000 linear feet of stormwater pipe in Hobson Meadow, Pembroke Commons and Market Meadows. DPW has re-lined a total of 181,269 linear feet of the city's 4.5 million linear feet of stormwater pipe.

Fiscal Year 2016-2020 Summary

DPW will continue work on annual and recurring programs that service to maintain and enhance city infrastructure. These programs include: the alley improvement program, where two alleys from 5th to 7th between Washington and Center and from School to North between Ellsworth and Center will be reconstructed; annual stormwater management projects and the storm sewer lining program, where approximately 20,000 linear feet of pipe in High Oaks, 5th Ave. Properties, and Windscape Village will be televised and re-lined.

One of DPW's future projects in FY2017 is the construction of a Compressed Natural Gas (CNG) fueling station. This site is part of DPW's goals to transition from traditional fueling sources to a sustainable fleet that includes electric, CNG, propane and traditional fuel.

To sustain the quality of city facilities, DPW has scheduled projects to replace, upgrade, and modify buildings and building components. In FY2016 these projects include: carpet replacement and elevator upgrades at the Municipal Center; roof replacements and SCADA power supply replacements at the Electric Service Center; replacement of furnaces and exhaust systems at Fire Stations; tuck-pointing masonry at the 5th Avenue Train Station; and the Municipal Center Front Plaza and Parking Deck Improvements.

FY 2016-2020 CIP
Public Works Department
Executive Summary

Departmental Categorization

DPW categorizes CIP projects into three (3) project types for the evaluation of each CIP project on an annual basis.

Recurring/Annual Projects

Projects in this category are on a pre-determined schedule that maintains current capital assets. These projects are phased over a period of time to alleviate high costs, allocate workload and adapt to shifting environments.

Sustainable Asset Projects

Projects in this category maintain current city assets in their proper working function. These projects typically include maintenance work and updates to existing infrastructure. Deferral of these projects can lead to increased repair work and expense.

Upgrade and Enhancement Projects

Projects in this category are projects that will provide new or greater efficiencies to DPW and its operations. When evaluating projects in this category, DPW looks at Return on Investment (ROI) to determine if the project is justified in pursuing.

Departmental Criteria

DPW developed a set of criteria to determine project need. These criteria offer guidance to staff with respect to prioritizing project recommendations for inclusion in the CIP. This CIP represents the prioritization of projects that are in alignment with the objectives of the city's Strategic Plan. The following four (4) criteria allowed DPW to properly prioritize projects for inclusion in the upcoming CIP.

Coordination - DPW considers this criterion by assessing potential cost savings associated with this project as a result of coordinating projects within the department, with other departments, or with outside agencies.

Funding - DPW considers this criterion by evaluating opportunities for external funding sources such as grants or other intergovernmental agreements that can be utilized in the funding of CIP projects.

Mandate – DPW considers this criterion by reviewing state and federal regulations and/or mandates concerning the project as well as city construction standards and municipal code. DPW must prioritize and schedule for these projects.

Need - DPW considers this criterion by evaluating seven (7) indicators when looking at potential projects for inclusion in the CIP. These indicators include:

- What objective of the city's Strategic Plan does this project fulfill?
- Does this project align with the DPW's Accreditation Practices?
- Does this project add to and/or improve upon existing city infrastructure?
- What efficiencies (financial, workload, reliability, etc.) does this project present?
- What return on investment does this project provide to the city?
- What long-term benefits does this project provide to the city?
- Can this project be deferred or divided amongst several years? What would be the effect of a deferral or division of the project?

Department of Public Works
FY16 Proposed CIP

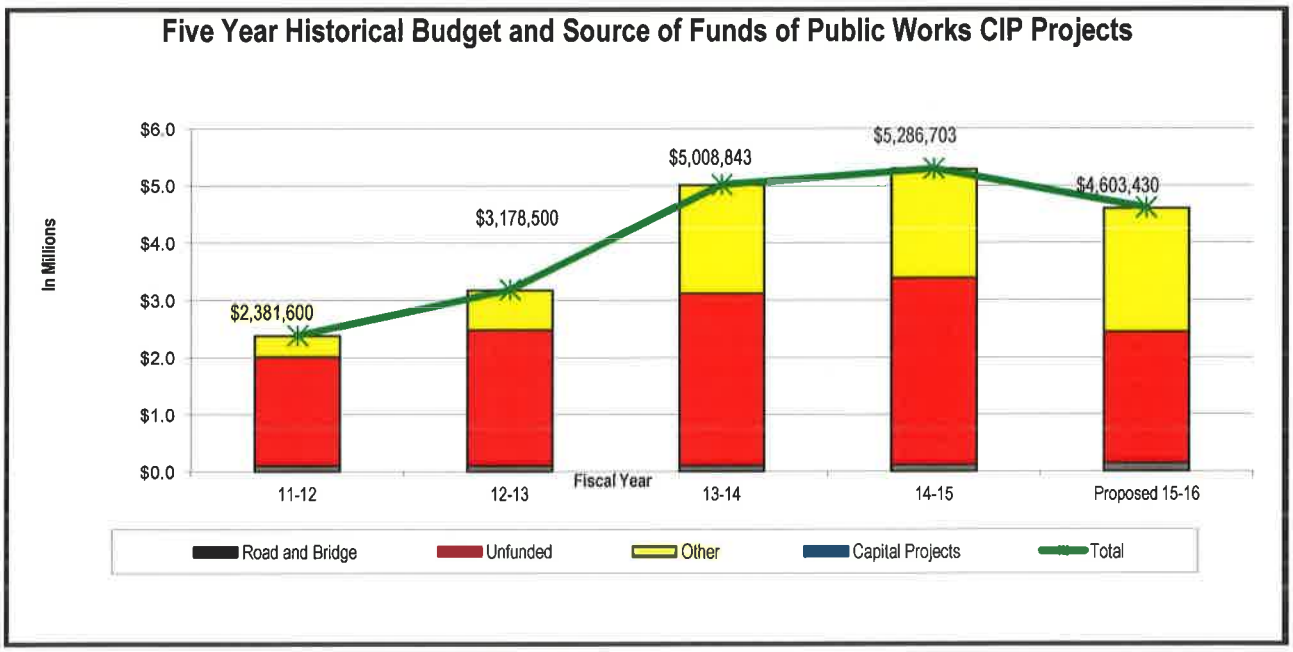
Projects by Functional Area:

Maintenance - Public Buildings	$	1,416,325
Technology		200,000
Maintenance - Public Right-of-way		1,746,105
Maintenance - Storm Water		1,241,000
	$	**4,603,430**

Revenue Sources:

Burlington Northern Fund	$	125,000
Special Assessment (SSA)		209,925
Local/State Motor Fuel Tax and Road/Bridge Funds		145,000
Electric Utility		524,000
Water Utility		125,000
Other Government		750,000
G. O. Bond: Prior Issues		423,605
	$	**2,302,530**

Current Unfunded	**$**	**2,300,900**



Department of Public Works
Projects by Function for FY15-16

Funding Sources:

Project #	Description of Project	Burlington Northern Fund	Special Assessment (SSA)	Motor Fuel Tax and Road/Bridge Funds	Electric Utility	Water Utility	G. O. Bond: Prior Issues	Other Government	Unfunded	Grand Total
Maintenance - Public Buildings										
MB136	Municipal Center Front Plaza and Parking Deck Repairs and Upgrades	-	-	-	-	-	-	-	270,000	**270,000**
MB160	Downtown Parking Deck Maintenance Program	-	209,925	-	-	-	-	-	-	**209,925**
MB167	Municipal Center Elevator Repair	-	-	-	-	-	-	-	68,000	**68,000**
MB161	Electric Service Center Roof Replacement	-	-	-	471,000	-	-	-	-	**471,000**
MB170	Tuck-Point Masonry at Burlington Commuter Station	125,000	-	-	-	-	-	-	-	**125,000**
MB145	Carpeting at Municipal Center	-	-	-	-	-	-	-	85,000	**85,000**
MB199	Emergency Vehicle Exhaust System Replacement	-	-	-	-	-	-	-	108,400	**108,400**
MB201	Naperville Fire Department - Replacement of Furnance & A/C Split Systems	-	-	-	-	-	-	-	26,000	**26,000**
MB202	SCADA Uninterruptable Power Supply (UPS) Replacement	-	-	-	53,000	-	-	-		**53,000**
Total		**125,000**	**209,925**	**-**	**524,000**	**-**	**-**	**-**	**557,400**	**1,416,325**
Technology										
LR076	Security Cameras	-	-	-	-	125,000	-	-	75,000	**200,000**
Total		**-**	**-**	**-**	**-**	**125,000**	**-**	**-**	**75,000**	**200,000**
Maintenance - Public Right-of-way										
SC223	Alley Improvement Program	-	-	145,000	-	-	-	-	-	**145,000**
PA040	Emerald Ash Borer Removal and Replacement Program	-	-	-	-	-	-	-	427,500	**427,500**
SL137	Citywide LED Street Lighting Conversion	-	-	-	-	-	423,605	750,000	-	**1,173,605**
Total		**-**	**-**	**145,000**	**-**	**-**	**423,605**	**750,000**	**427,500**	**1,746,105**
Maintenance - Storm Water										
SW001	Annual Stormwater Management Projects	-	-	-	-	-	-		130,000	**130,000**
SW017	Storm Sewer Lining Program	-	-	-	-	-	-		1,000,000	**1,000,000**
SW026	Stormwater System Upgrade and Improvement Program	-	-	-	-	-	-		111,000	**111,000**
Total		**-**	**-**	**-**	**-**	**-**	**-**		**1,241,000**	**1,241,000**
Grand Total		**$ 125,000**	**$ 209,925**	**$ 145,000**	**$ 524,000**	**$ 125,000**	**$ 423,605**	**$ 750,000**	**$ 2,300,900**	**$ 4,603,430**

CITY OF NAPERVILLE, ILLINOIS --- SUMMARY OF PROJECT ESTIMATES --- CAPITAL IMPROVEMENTS PROGRAM
PROJECTS EXPRESSED WITH 3% INFLATION FACTOR

Department: **Public Works**

	WF #	Estimated Total Cost	Funding Source		FY15-16	FY16-17	FY17-18	FY18-19	FY19-20
EQ035		Changed - Non Recurring		Downtown Sound System					
		95,000	E		0	95,000	0	0	0
	Project Total	**95,000**			**0**	**95,000**	**0**	**0**	**0**
LR076		Changed - Recurring		Security Cameras					
		125,000	F		125,000	0	0	0	0
		229,500	U		75,000	154,500	0	0	0
	Project Total	**354,500**			**200,000**	**154,500**	**0**	**0**	**0**
MB136	(none)	Changed - Recurring		Municipal Center Front Plaza and Parking Deck Repairs and Upgrades					
		1,004,905	U		270,000	257,500	477,405	0	0
	Project Total	**1,004,905**			**270,000**	**257,500**	**477,405**	**0**	**0**
MB145	(none)	Recurring		Carpeting at Municipal Center					
		401,852	U		85,000	0	156,085	160,767	0
	Project Total	**401,852**			**85,000**	**0**	**156,085**	**160,767**	**0**
MB160		Changed - Recurring		Downtown Parking Deck Maintenance Program					
		528,581	E		209,925	318,656	0	0	0
	Project Total	**528,581**			**209,925**	**318,656**	**0**	**0**	**0**
MB161		Changed - Non Recurring		Electric Service Center Roof Replacement					
		471,000	J		471,000	0	0	0	0
	Project Total	**471,000**			**471,000**	**0**	**0**	**0**	**0**
MB167		Previous Year - No Change		Municipal Center Elevator Upgrade					
		68,000	U		68,000	0	0	0	0
	Project Total	**68,000**			**68,000**	**0**	**0**	**0**	**0**
MB170		Previous Year - No Change		Tuck-Point Masonry at Burlington Commuter Station					
		125,000	N		125,000	0	0	0	0

A) GENERAL FUND B) G.O. BOND: PRIOR ISSUES C) CAPITAL PROJECTS FUND CF) SPECIAL EVENTS AND CULTURAL AMENITIES FUND D) DEVELOPER CONTRIBUTION E) SPECIAL ASSESSMENT F) WATER UTILITY G) OTHER GOVERNMENT GE) OTHER GOVERNMENT: ENTERPRISE H) MOTOR FUEL TAX IC) IMPACT FEES: CITY IU) IMPACT FEES: CITY UNFUNDED IW) IMPACT FEE: WILL COUNTY J) ELECTRIC UTILITY L) LIBRARY BUILDING RESERVES LH) LOCAL MOTOR FUEL TAX N) BURLINGTON NORTHERN RAILROAD O) DOWNTOWN PARKING SOLUTION OR) OTHER ROAD FUNDING SOURCE P) PRIVATE CONTRIBUTIONS Q) REPLACEMENT FUND R) ROAD & BRIDGE FUND S) SIDEWALK FUND T) OTHER GOVERNMENT: PENDING TF) TIF U) UNFUNDED CAPITAL V) UNFUNDED ELECTRIC W) UNFUNDED WATER

CITY OF NAPERVILLE. ILLINOIS --- SUMMARY OF PROJECT ESTIMATES --- CAPITAL IMPROVEMENTS PROGRAM
PROJECTS EXPRESSED WITH 3% INFLATION FACTOR

Department: **Public Works**

	WF #	Estimated Total Cost	Funding Source		FY15-16	FY16-17	FY17-18	FY18-19	FY19-20
	Project Total	**125,000**			**125,000**	**0**	**0**	**0**	**0**
MB176		Previous Year - No Change		Municipal Center Roof Replacement					
		1,066,047	U		0	355,350	350,097	360,600	0
	Project Total	**1,066,047**			**0**	**355,350**	**350,097**	**360,600**	**0**
MB188		Changed - Recurring		Fire Station Overhead Doors Replacement					
		552,390	U		0	0	230,746	158,445	163,199
	Project Total	**552,390**			**0**	**0**	**230,746**	**158,445**	**163,199**
MB193		Changed - Non Recurring		Compressed Natural Gas (CNG) Fueling Station					
		206,000	U		0	206,000	0	0	0
	Project Total	**206,000**			**0**	**206,000**	**0**	**0**	**0**
MB197		Previous Year - No Change		Fire Administrative Workspaces					
		92,298	U		0	0	92,298	0	0
	Project Total	**92,298**			**0**	**0**	**92,298**	**0**	**0**
MB198		New		Police Department Building Automation System Upgrade					
		149,350	U		0	149,350	0	0	0
	Project Total	**149,350**			**0**	**149,350**	**0**	**0**	**0**
MB199		New		Emergency Vehicle Exhaust System Replacement					
		410,572	U		108,400	126,381	175,791	0	0
	Project Total	**410,572**			**108,400**	**126,381**	**175,791**	**0**	**0**
MB200		New		Municipal Center - Landscape Erosion/Slope Safety Improvements					
		28,840	U		0	28,840	0	0	0
	Project Total	**28,840**			**0**	**28,840**	**0**	**0**	**0**
MB201		New		Naperville Fire Department - Replacement of Furnance & A/C Split Systems					
		26,000	U		26,000	0	0	0	0

A) GENERAL FUND B) G.O. BOND: PRIOR ISSUES C) CAPITAL PROJECTS FUND CF) SPECIAL EVENTS AND CULTURAL AMENITIES FUND D) DEVELOPER CONTRIBUTION E) SPECIAL ASSESSMENT F) WATER UTILITY G) OTHER GOVERNMENT GE) OTHER GOVERNMENT: ENTERPRISE H) MOTOR FUEL TAX IC) IMPACT FEES: CITY IU) IMPACT FEES: CITY UNFUNDED IW) IMPACT FEE: WILL COUNTY J) ELECTRIC UTILITY L) LIBRARY BUILDING RESERVES LH) LOCAL MOTOR FUEL TAX N) BURLINGTON NORTHERN RAILROAD O) DOWNTOWN PARKING SOLUTION OR) OTHER ROAD FUNDING SOURCE P) PRIVATE CONTRIBUTIONS Q) REPLACEMENT FUND R) ROAD & BRIDGE FUND S) SIDEWALK FUND T) OTHER GOVERNMENT: PENDING TF) TIF U) UNFUNDED CAPITAL V) UNFUNDED ELECTRIC W) UNFUNDED WATER

CITY OF NAPERVILLE. ILLINOIS --- SUMMARY OF PROJECT ESTIMATES --- CAPITAL IMPROVEMENTS PROGRAM
PROJECTS EXPRESSED WITH 3% INFLATION FACTOR

Department: **Public Works**

	WF #	Estimated Total Cost	Funding Source		FY15-16	FY16-17	FY17-18	FY18-19	FY19-20
	Project Total	**26,000**			**26,000**	**0**	**0**	**0**	**0**
MB202		New		SCADA Uninterruptable Power Supply (UPS) Replacement					
		53,000	J		53,000	0	0	0	0
	Project Total	**53,000**			**53,000**	**0**	**0**	**0**	**0**
MB203		New		Salt Dome Roof Replacement					
		75,190	U		0	75,190	0	0	0
	Project Total	**75,190**			**0**	**75,190**	**0**	**0**	**0**
PA020		Annual		Annual Tree Planting Program					
		210,815	U		0	0	53,708	81,135	75,972
	Project Total	**210,815**			**0**	**0**	**53,708**	**81,135**	**75,972**
PA040		Recurring		Emerald Ash Borer Removal and Replacement Program					
		1,092,236	U		427,500	386,250	278,486	0	0
	Project Total	**1,092,236**			**427,500**	**386,250**	**278,486**	**0**	**0**
SC223	(none)	Annual		Alley Improvement Program					
		640,551	R		145,000	118,450	122,004	125,664	129,434
	Project Total	**640,551**			**145,000**	**118,450**	**122,004**	**125,664**	**129,434**
SL125	(none)	Recurring		Capital Upgrade/Replacement of Street Lighting Systems					
		214,567	U		0	0	132,613	81,955	0
	Project Total	**214,567**			**0**	**0**	**132,613**	**81,955**	**0**
SL137		Changed - Recurring		Citywide LED Street Lighting Conversion					
		802,532	B		423,605	378,927	0	0	0
		750,000	GE		750,000	0	0	0	0
		2,055,028	U		0	845,026	391,472	403,216	415,313
	Project Total	**3,607,559**			**1,173,605**	**1,223,953**	**391,472**	**403,216**	**415,313**

A) GENERAL FUND B) G.O. BOND: PRIOR ISSUES C) CAPITAL PROJECTS FUND CF) SPECIAL EVENTS AND CULTURAL AMENITIES FUND D) DEVELOPER CONTRIBUTION E) SPECIAL ASSESSMENT F) WATER UTILITY G) OTHER GOVERNMENT GE) OTHER GOVERNMENT: ENTERPRISE H) MOTOR FUEL TAX IC) IMPACT FEES: CITY IU) IMPACT FEES: CITY UNFUNDED IW) IMPACT FEE: WILL COUNTY J) ELECTRIC UTILITY L) LIBRARY BUILDING RESERVES LH) LOCAL MOTOR FUEL TAX N) BURLINGTON NORTHERN RAILROAD O) DOWNTOWN PARKING SOLUTION OR) OTHER ROAD FUNDING SOURCE P) PRIVATE CONTRIBUTIONS Q) REPLACEMENT FUND R) ROAD & BRIDGE FUND S) SIDEWALK FUND T) OTHER GOVERNMENT: PENDING TF) TIF U) UNFUNDED CAPITAL V) UNFUNDED ELECTRIC W) UNFUNDED WATER

CITY OF NAPERVILLE. ILLINOIS --- SUMMARY OF PROJECT ESTIMATES --- CAPITAL IMPROVEMENTS PROGRAM
PROJECTS EXPRESSED WITH 3% INFLATION FACTOR

Department: **Public Works**

	WF #	Estimated Total Cost	Funding Source		FY15-16	FY16-17	FY17-18	FY18-19	FY19-20
SW001	(none)	Annual		Annual Stormwater Management Projects					
		690,188	U		130,000	133,900	137,917	142,055	146,316
	Project Total	**690,188**			**130,000**	**133,900**	**137,917**	**142,055**	**146,316**
SW017	(none)	Annual		Storm Sewer Lining Program					
		5,309,136	U		1,000,000	1,030,000	1,060,900	1,092,727	1,125,509
	Project Total	**5,309,136**			**1,000,000**	**1,030,000**	**1,060,900**	**1,092,727**	**1,125,509**
SW026		Annual		Stormwater System Upgrade and Improvement Program					
		589,314	U		111,000	114,330	117,760	121,293	124,931
	Project Total	**589,314**			**111,000**	**114,330**	**117,760**	**121,293**	**124,931**
	Department Total	**18,062,891**			**4,603,430**	**4,773,650**	**3,777,281**	**2,727,856**	**2,180,673**

A) GENERAL FUND B) G.O. BOND: PRIOR ISSUES C) CAPITAL PROJECTS FUND CF) SPECIAL EVENTS AND CULTURAL AMENITIES FUND D) DEVELOPER CONTRIBUTION E) SPECIAL ASSESSMENT F) WATER UTILITY G) OTHER GOVERNMENT GE) OTHER GOVERNMENT: ENTERPRISE H) MOTOR FUEL TAX IC) IMPACT FEES: CITY IU) IMPACT FEES: CITY UNFUNDED IW) IMPACT FEE: WILL COUNTY J) ELECTRIC UTILITY L) LIBRARY BUILDING RESERVES LH) LOCAL MOTOR FUEL TAX N) BURLINGTON NORTHERN RAILROAD O) DOWNTOWN PARKING SOLUTION OR) OTHER ROAD FUNDING SOURCE P) PRIVATE CONTRIBUTIONS Q) REPLACEMENT FUND R) ROAD & BRIDGE FUND S) SIDEWALK FUND T) OTHER GOVERNMENT: PENDING TF) TIF U) UNFUNDED CAPITAL V) UNFUNDED ELECTRIC W) UNFUNDED WATER

New Projects

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Project Number: MB198 **Project Title:** Police Department Building Automation System Upgrade

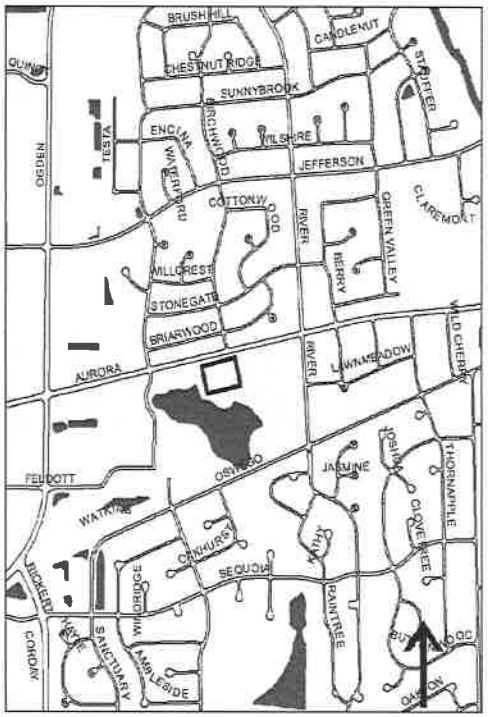
Department Name: Public Works **CIP Status:** New **Category Code:** B **Sector:** Northwest

Project Purpose: **Criteria** **WF Number:**

This is an upgrade and enhancement of the Building Automation System at the Naperville Police Deparment Need

Project Narrative:

The scope of work is to upgrade the Building Automation System (BAS) for the Naperville Police Department. The BAS is the software and hardware system that manages the HVAC system at the Police Department. This upgrade will allow the Public Buildings group to remotely manage the HVAC system and manage zones throughout the building. Upon completion the system will operate on current generation Alerton hardware and software platforms, ensuring useful system lifespan of an additional 15 – 20 years and compatibility with existing City of Naperville enterprise Alerton BAS. This project includes all necessary engineering, components, software, installation, project management, commissioning, programming, training, documentation and warranty.



External Funding Sources Available

None

Projected Timetable

FY17 - Project engineering and construction

Impact on Operating Budget

This project will reduce overtime associated with on-site updates of the HVAC system

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	(750)	(750)	(750)	(2,250)
Subtotal	0	0	(750)	(750)	(750)	(2,250)
					Prior Year(s) Impact	0
					Total Project Impact	(2,250)

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	0	149,350	0	0	0	149,350
Subtotal	0	149,350	0	0	0	149,350
					Prior Year(s) Expenditures	0
					Total All Sources	149,350

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	0	0	149,350	0	0	0	149,350
Subtotal	0	0	0	0	149,350	0	0	0	149,350
								Prior Year(s) Expenditures	0
								Total Project Cost	149,350

Project Number: MB199 **Project Title:** Emergency Vehicle Exhaust System Replacement
Department Name: Public Works **CIP Status:** New **Category Code:** B **Sector:** Various
Criteria Need **WF Number:**

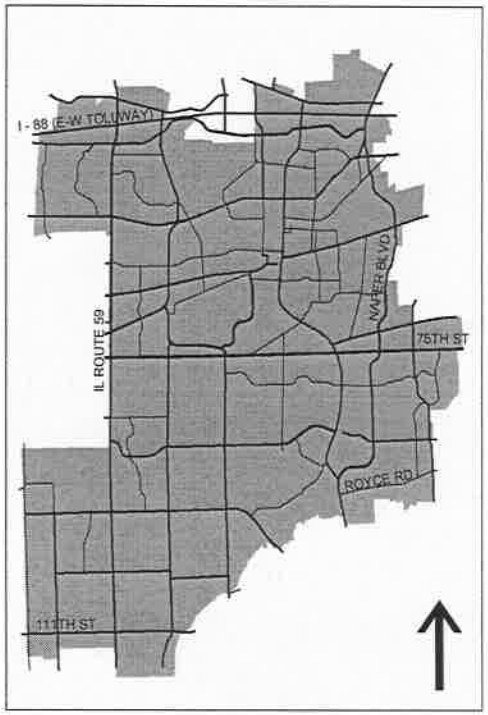
Project Purpose:
This is a sustainable asset project to replace the emergency vehicle exhaust systems at the Naperville Fire Stations

Project Narrative:
All Naperville fire stations are equipped with emergency vehicle exhaust systems. These systems connect to the exhaust of emergency vehicles and disconnect upon departure of the fire station. The exhaust systems prevent fumes and particulate matter from collecting in the stations. The older systems have exceeded their useful life of 15 years and repair parts and authorized repair technicians are difficult to locate. These systems are often out of service and in need of replacement. Phase I of this project is to install 3 new systems in FY16 at Station #2, Station #3, and Station #6. Public Buildings will then monitor the performance of the new system and look to implement Phase II and III, which is to install the system in all remaining stations for system conformity over the next 2 years.

External Funding Sources Available
None

Projected Timetable
FY16 - 3 Stations; FY17 - 3 Stations; FY18 - 4 Stations

Impact on Operating Budget
This will reduce lead time on difficult to obtain parts and reduce part supply expense.



Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	(600)	(1,200)	(1,600)	(2,000)	(2,000)	(7,400)
Subtotal	(600)	(1,200)	(1,600)	(2,000)	(2,000)	(7,400)
					Prior Year(s) Impact	0
					Total Project Impact	(7,400)

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	108,400	126,381	175,791	0	0	410,572
Subtotal	108,400	126,381	175,791	0	0	410,572
					Prior Year(s) Expenditures	0
					Total All Sources	410,572

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	0	108,400	126,381	175,791	0	0	410,572
Subtotal	0	0	0	108,400	126,381	175,791	0	0	410,572
								Prior Year(s) Expenditures	0
								Total Project Cost	410,572

Project Number: MB200 **Project Title:** Municipal Center - Landscape Erosion/Slope Safety Improvements

Department Name: Public Works **CIP Status:** New **Category Code:** C **Sector:** Northwest

Project Purpose: **Criteria** **WF Number:**

This is an upgrade and enhancement project to prevent soil erosion at the Municipal Center Need

Project Narrative:

The landscape along the Aurora Avenue sidewalk adjacent to the Municipal Center slopes significantly downward to the lower parking garage. TED Business Group and DPW staff engineered a solution to alleviate rapid soil erosion and create a safe landscape adjacent to the sidewalk.

External Funding Sources Available

None

Projected Timetable

FY17 - Re-grading and plantings at the municipal center

Impact on Operating Budget

This project will have minimal impact on the operating budget

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	0	28,840	0	0	0	28,840
Subtotal	0	28,840	0	0	0	28,840
					Prior Year(s) Expenditures	0
					Total All Sources	28,840

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	0	0	28,840	0	0	0	28,840
Subtotal	0	0	0	0	28,840	0	0	0	28,840
								Prior Year(s) Expenditures	0
								Total Project Cost	28,840

Project Number: MB201 **Project Title:** Naperville Fire Department - Replacement of Furnance & A/C Split Systems

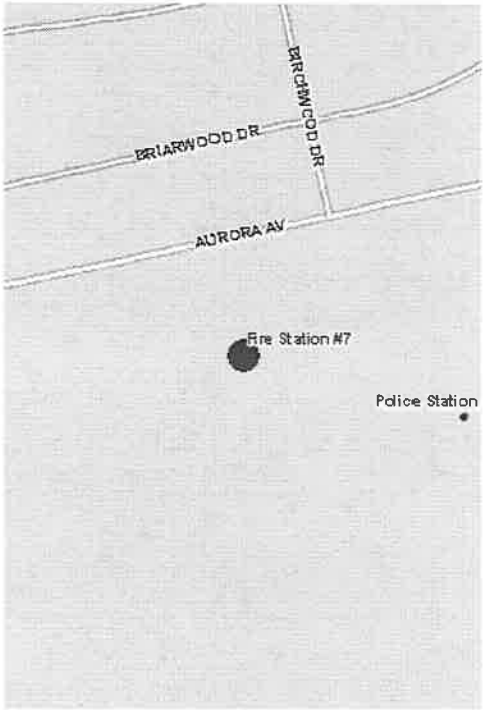
Department Name: Public Works **CIP Status:** New **Category Code:** B **Sector:** Northwest

Project Purpose: **Criteria** **WF Number:**

This is a sustainable asset project to replace the furnace and A/C split system at Fire Station #7/EOC Need

Project Narrative:

The Fire Department Administration/EOC has four (4) furnace and A/C split systems in need of replacement. Each of these systems were installed in 1994 and are currently 20 years old. They have exceeded their expected service life of 15 years by 5 years. The new equipment will be 95% efficiency, single stage furnaces and 13-seer efficiency condensers. Staff will make all reasonable efforts to gain grant funding to offset the cost of this project through energy efficiency grant opportunities.



External Funding Sources Available

Metropolitan Mayor's Caucus Energy Efficiency Grant

Projected Timetable

FY16 - Replacement of system

Impact on Operating Budget

This project will have minimal impact on the operating budget

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	26,000	0	0	0	0	26,000
Subtotal	26,000	0	0	0	0	26,000
					Prior Year(s) Expenditures	0
					Total All Sources	26,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	0	26,000	0	0	0	0	26,000
Subtotal	0	0	0	26,000	0	0	0	0	26,000
								Prior Year(s) Expenditures	0
								Total Project Cost	26,000

Project Number: MB202 **Project Title:** SCADA Uninterruptable Power Supply (UPS) Replacement
Department Name: Public Works **CIP Status:** New **Category Code:** B **Sector:** Northwest
Project Purpose: **Criteria** **WF Number:**
This is an upgrade and enhancement project for the UPS system at the Electric Service Center Need

Project Narrative:
Over the past two years, Public Buildings has upgraded the data center at the Electric Service Center (ESC). This upgrade included the installation of an isolated air-conditioning unit for the server room at ESC. The current UPS system installed in 2003 is a 20KVA unit. Due to the increased equipment (servers and upgraded air conditioning unit) a 40KVA Mitsubishi UPS with a related battery cabinet and a 20-minute run time at 80% load is needed for the increased load. All other items necessary to complete this installation are included in the budget number.

External Funding Sources Available
None

Projected Timetable
FY16 - Replacement of UPS System

Impact on Operating Budget
This will reduce potential downtime and have minimal effect on the operating budget

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Electric Utility	53,000	0	0	0	0	53,000
Subtotal	53,000	0	0	0	0	53,000
					Prior Year(s) Expenditures	0
					Total All Sources	53,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	0	53,000	0	0	0	0	53,000
Subtotal	0	0	0	53,000	0	0	0	0	53,000
								Prior Year(s) Expenditures	0
								Total Project Cost	53,000

Project Number: MB203 **Project Title:** Salt Dome Roof Replacement

Department Name: Public Works **CIP Status:** New **Category Code:** B **Sector:** Southwest

Criteria Need **WF Number:**

Project Purpose:

This project is a sustainable asset project to repair and replace the Salt Dome Roof at the City's Compost Site.

Project Narrative:

This project seeks to replace the roof at the salt dome at the City's Compost Site, located at 3812 Plainfield/Naperville Road. The dome was constructed in 1997 and is planned for replacement in 2017, making the roof 20 years old, the expected service life. Currently, the dome roof is missing shingles, has significant cupping, roof deterioration, and has leaking around the fan dormer causing stained and damaged plywood. The labor price includes, tear-off, re-installation of shingles, removal/re-installation of damaged plywood, and the removal of the fan dormer. The material price includes 30-year mid-grade shingles, felt, wall flashing, new siding, ice and water shield, ridge caps, and disposal of materials. This dome is essential to the City's winter operations plans as it stores approximately 6,000 tons of salt.

External Funding Sources Available

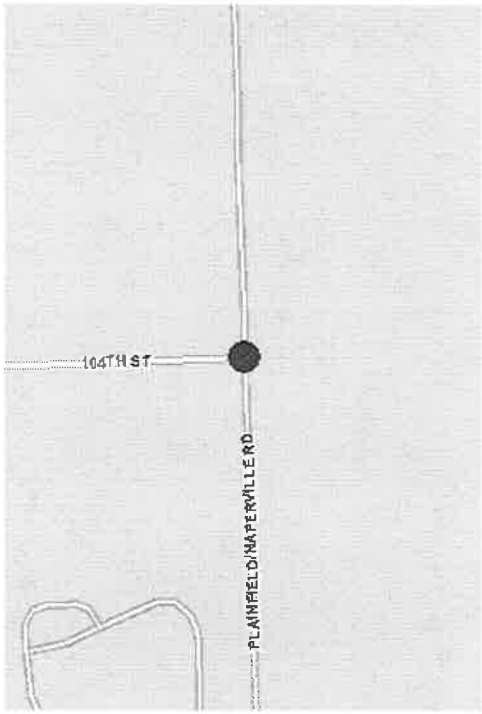
None

Projected Timetable

FY17 - Roof installation

Impact on Operating Budget

This project will reduce annual repairs to the salt dome and will prevent the emergency repair/replacement of significant roof failures



Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	(750)	(750)	(750)	(2,250)
Subtotal	0	0	(750)	(750)	(750)	(2,250)
					Prior Year(s) Impact	0
					Total Project Impact	(2,250)

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	0	75,190	0	0	0	75,190
Subtotal	0	75,190	0	0	0	75,190
					Prior Year(s) Expenditures	0
					Total All Sources	75,190

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	0	0	75,190	0	0	0	75,190
Subtotal	0	0	0	0	75,190	0	0	0	75,190
								Prior Year(s) Expenditures	0
								Total Project Cost	75,190

Non-Recurring Projects

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Project Number: EQ035 **Project Title:** Downtown Sound System

Department Name: Public Works **CIP Status:** Changed - Non Recurring **Category Code:** C **Sector:** Northeast

Criteria Need **WF Number:**

Project Purpose:

This project supports the City's Strategic Plan through Community Education and Involvement. This project is supported by the Downtown Naperville Alliance.

Project Narrative:

The addition of sound system to the downtown will provide communication to pedestrians throughout the downtown area. This can includes the announcement of emergency information such as severe weather warnings or helping to locate children who become separated from their parents. In addition, the sound system could broadcast public service announcements to inform downtown visitors of upcoming events and other information about Naperville. When the sound system is not being used for public information the system can be used to provide seasonal or background music to enhance the downtown ambience and improve the overall experience and environment for employees, shoppers, and visitors. The Downtown Naperville Alliance (DNA) is in full support of this project.

External Funding Sources Available

Application for SECA funding

Projected Timetable

Feasibility study was conducted in FY14 and presented to City Council in FY15

Impact on Operating Budget

Annual maintenance cost

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	5,000	5,000	5,000	15,000
Subtotal	0	0	5,000	5,000	5,000	15,000
					Prior Year(s) Impact	0
					Total Project Impact	15,000

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
SSA Fund	0	95,000	0	0	0	95,000
Subtotal	0	95,000	0	0	0	95,000
					Prior Year(s) Expenditures	0
					Total All Sources	95,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Equip. & Maint.	0	0	0	0	95,000	0	0	0	95,000
Subtotal	0	0	0	0	95,000	0	0	0	95,000
								Prior Year(s) Expenditures	0
								Total Project Cost	95,000

Project Number: MB161 **Project Title:** Electric Service Center Roof Replacement
Department Name: Public Works **CIP Status:** Changed - Non Recurring **Category Code:** A **Sector:** Southeast
Project Purpose: **Criteria** **WF Number:**
This is a sustainable asset project that will replace the roof at the Electric Service Center. Need

Project Narrative:
This project seeks to replace the roof at the Electric Service Center. The roof suffered major roof problems in the fall of FY11 including membrane flapping in the wind, leaks and other damage. DPW had an infrared scan to locate roof leaks and a condition assessment completed in FY12 that recommended the removal and reinstallation of the membranous roof including insulation and sheet metal. The roof at the Electric Service Center (76,517 square feet) was originally constructed in 1991. The life expectancy of a roof is 20-25 years. The roof will be 24 years old when the replacement is planned to begin. Public Works completed phase I and phase II in FY12 and FY13 and originally deferred Phase II and IV until FY17. Based upon increasing repair expenses and the annual condition assessment, DPW recommends moving the replacement to FY15-16 to prevent roof failure and emergency repairs.

External Funding Sources Available
None

Projected Timetable
FY16 - Phase III and IV of the Roof Replacement at the Electric Service Center

Impact on Operating Budget
Will reduce annual minor roof repair costs and will reduce the risk for major roof repairs.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	(25,000)	(25,000)	(25,000)	(25,000)	(25,000)	(125,000)
Subtotal	(25,000)	(25,000)	(25,000)	(25,000)	(25,000)	(125,000)
					Prior Year(s) Impact	0
					Total Project Impact	(125,000)

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Electric Utility	471,000	0	0	0	0	471,000
Subtotal	471,000	0	0	0	0	471,000
					Prior Year(s) Expenditures	440,645
					Total All Sources	911,645

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	440,645	0	0	471,000	0	0	0	0	471,000
Subtotal	440,645	0	0	471,000	0	0	0	0	471,000
								Prior Year(s) Expenditures	440,645
								Total Project Cost	911,645

Project Number: MB167 **Project Title:** Municipal Center Elevator Upgrade

Department Name: Public Works **CIP Status:** Previous Year - No Change **Category Code:** A **Sector:** Northwest

Criteria Need **WF Number:**

Project Purpose:

This is a sustainable asset project that will repair and maintain the elevator at the Municipal Center.

Project Narrative:

The elevators at the Municipal Center were installed in 1990 when the building was constructed. Preventative maintenance was performed on each of the two elevators ten years ago. During a routine maintenance check in FY09-10, a problem with the main hydraulic cylinder that operates the West elevator was identified and repairs were completed. The repair work on the East elevator was originally scheduled for FY10-11 but was deferred based upon quarterly testing. Both elevators had their electrical controls upgraded in FY14-15. This upgraded all electrical wiring, car operating panels and safety switches to comply with existing code. In FY15-16 the East elevator repair work will include replacing the hydraulic tanks, hydraulic cylinder, submersible pumps, and pump motors. The planned work will minimize the risk of elevator down-time, reduce future repair work. and improve safety and reliability.

External Funding Sources Available

None

Projected Timetable

FY15-16 - Hydraulic tank, pump and pump motor replacements

Impact on Operating Budget

Will reduce the annual maintenance cost by approximately $250.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	(500)	(750)	(750)	(750)	(750)	(3,500)
Subtotal	(500)	(750)	(750)	(750)	(750)	(3,500)
					Prior Year(s) Impact	0
					Total Project Impact	(3,500)

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	68,000	0	0	0	0	68,000
Subtotal	68,000	0	0	0	0	68,000
					Prior Year(s) Expenditures	0
					Total All Sources	68,000

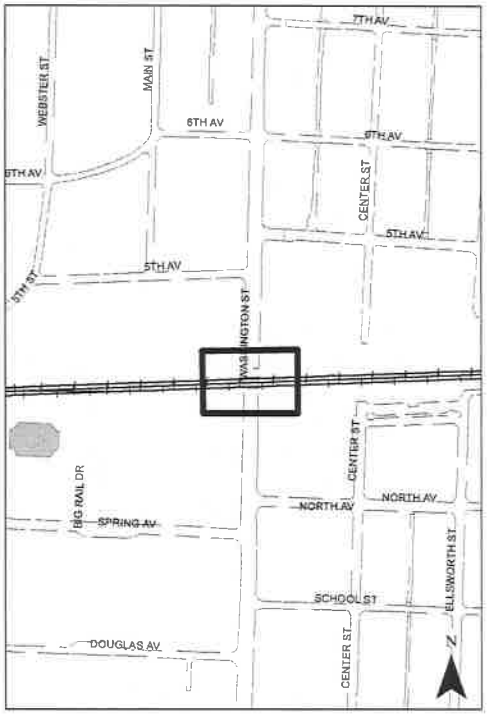
Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	82,500	0	68,000	0	0	0	0	68,000
Subtotal	0	82,500	0	68,000	0	0	0	0	68,000
								Prior Year(s) Expenditures	0
								Total Project Cost	68,000

Project Number: MB170 **Project Title:** Tuck-Point Masonry at Burlington Commuter Station
Department Name: Public Works **CIP Status:** Previous Year - No Change **Category Code:** B **Sector:** Northeast
Criteria Need **WF Number:**

Project Purpose:
This is a sustainable asset project that will tuck-point the masonry at the Burlington Commuter Station.

Project Narrative:
In FY12-13 and FY13-14, the 5th Avenue commuter train station had the masonry tuck-pointed in the interior of the main building and the exterior of the station. The most deteriorated sections of the facility were repaired. The work scheduled for FY15-16 will complete the restoration and repair of the masonry at the building. Some bricks will need to be replaced and sealants will also be examined. This project will grind out damaged masonry joints using power grinders and vacuums and will clean all the joints of mortar and debris. The mortar will be replaced to match the existing color and profile.



External Funding Sources Available
None

Projected Timetable
FY16 - Whole building restoration

Impact on Operating Budget
Will reduce operating budget by $500 annually.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	(500)	(1,000)	(1,000)	(1,000)	(1,000)	(4,500)
Subtotal	(500)	(1,000)	(1,000)	(1,000)	(1,000)	(4,500)
					Prior Year(s) Impact	0
					Total Project Impact	(4,500)

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Commuter Parking Fund	125,000	0	0	0	0	125,000
Subtotal	125,000	0	0	0	0	125,000
					Prior Year(s) Expenditures	102,732
					Total All Sources	227,732

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	96,000	0	0	125,000	0	0	0	0	125,000
Services	6,732	0	0	0	0	0	0	0	0
Subtotal	102,732	0	0	125,000	0	0	0	0	125,000
								Prior Year(s) Expenditures	102,732
								Total Project Cost	227,732

Project Number: MB176 **Project Title:** Municipal Center Roof Replacement

Department Name: Public Works **CIP Status:** Previous Year - No Change **Category Code:** B **Sector:** Northeast

Criteria Need **WF Number:**

Project Purpose:

This is a sustainable asset project that will replace the roof at the Municipal Center.

Project Narrative:

This project will include the assessment of the roof at the Municipal Center. Based upon the assessment results, the Department of Public Works will coordinate the removal and reinstallation of the membranous roof including insulation and sheet metal at the Municipal Center. The roof at the Municipal Center (36,200 square feet) was originally constructed in 1991. The life expectancy of a roof is 20-25 years. The roof will be 26 years old when the beginning of the replacement is planned. The estimate is based on roof top square footage and pricing obtained from recent municipal projects. The project will be phased over three years and replace a new section of the roof in each year.

External Funding Sources Available

None

Projected Timetable

Replace the center section in FY17, the western section in FY18 and the eastern section in FY19

Impact on Operating Budget

Will reduce annual roof repair expense by $2,625 in each section.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	(2,625)	(5,250)	(7,875)	(15,750)
Subtotal	0	0	(2,625)	(5,250)	(7,875)	(15,750)
					Prior Year(s) Impact	0
					Total Project Impact	(15,750)

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	0	355,350	350,097	360,600	0	1,066,047
Subtotal	0	355,350	350,097	360,600	0	1,066,047
					Prior Year(s) Expenditures	0
					Total All Sources	1,066,047

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	0	0	339,900	350,097	360,600	0	1,050,597
Consultant	0	0	0	0	15,450	0	0	0	15,450
Subtotal	0	0	0	0	355,350	350,097	360,600	0	1,066,047
								Prior Year(s) Expenditures	0
								Total Project Cost	1,066,047

Project Number: MB193 **Project Title:** Compressed Natural Gas (CNG) Fueling Station

Department Name: Public Works **CIP Status:** Changed - Non Recurring **Category Code:** B **Sector:** Northwest

Criteria Need **WF Number:**

Project Purpose:

This is an upgrade and enhancement project that will construct a Compressed Natural Gas (CNG) Station to provide fuel for the City fleet. This project is also an opportunity for the City to partner with local businesses to provide alternative fuels for their fleets.

Project Narrative:

The City currently purchases 460,000 gallons of gasoline and diesel fuel annually at an estimated expense of $1.67 million, to fuel the City's fleet. The construction of a CNG fueling station will allow the City to begin the transition from traditional fueling sources to a cleaner, eco-responsible, and cost effective fueling source. This CNG station is one component of DPW's future plan for a sustainable fleet that would utilize electric, CNG, propane, and traditional fueling sources. The planned site would be a "fast-fill" station, which would allow quick and convenient fueling similar to standard gas pumps. There is a wide range of vehicle types that can be converted to run on CNG, including but not limited to light-duty trucks, heavy-duty trucks, squad cars, buses, vans and other equipment. DPW would look to partner with local businesses, dealerships and other governmental agencies to provide CNG fueling to their fleets.

External Funding Sources Available

Staff is aggressively pursuing public/private partnerships and grant opportunities.

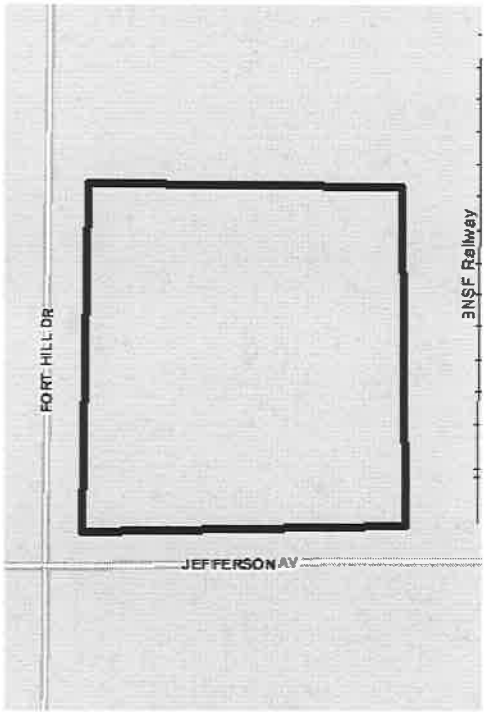
Projected Timetable

FY17 - Design/Build of CNG Station

Staff will re-visit project at an earlier date if partnership/grant opportunities are presented.

Impact on Operating Budget

Will reduce fuel consumption expense based upon vehicle purchases and conversions.



Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	0	206,000	0	0	0	206,000
Subtotal	0	206,000	0	0	0	206,000
					Prior Year(s) Expenditures	0
					Total All Sources	206,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	0	0	185,400	0	0	0	185,400
Consultant	0	0	0	0	10,300	0	0	0	10,300
Engineering	0	0	0	0	10,300	0	0	0	10,300
Subtotal	0	0	0	0	206,000	0	0	0	206,000
								Prior Year(s) Expenditures	0
								Total Project Cost	206,000

Project Number: MB197 **Project Title:** Fire Administrative Workspaces

Department Name: Public Works **CIP Status:** Previous Year - No Change **Category Code:** C **Sector:** Various

Project Purpose:

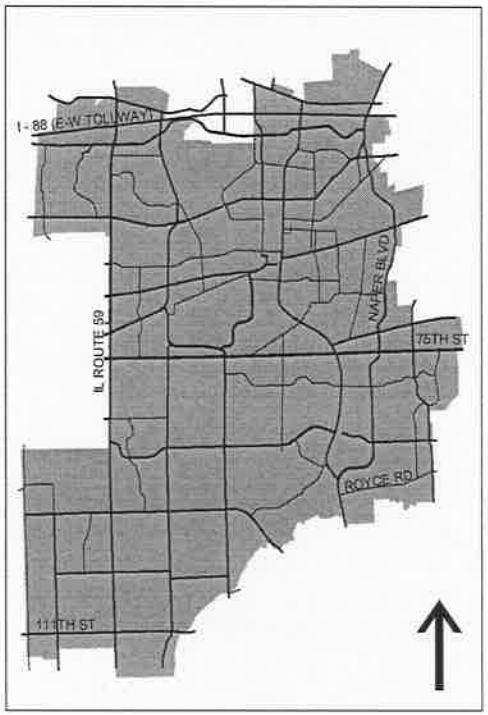
This is an upgrade and enhancement project to replace aging workspace items and floor covering in Fire Administration.

Criteria Emergency Medical Care

WF Number:

Project Narrative:

The Naperville Fire Department has been working out of the present workspaces for 26 years. The administration consists of Fire Chief, Deputy Fire Chief, Division Chief, Bureau Chief of EMS, Bureau Chief of Training, Training Lieutenant, EMS Assistant, Technology Assistant, Fire Marshal, Fire Inspectors (3), Fire Alarm Coordinator, Public Education Specialist, Customer Service Assistant, and the Assistant to the Chief. Any changes that have been made to workspaces over these years have been through used pieces from other City departments or donated from private companies who have upgraded their workspaces.



External Funding Sources Available

None

Projected Timetable

Construction will begin in FY17-18.

Impact on Operating Budget

None

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	0	0	92,298	0	0	92,298
Subtotal	0	0	92,298	0	0	92,298
					Prior Year(s) Expenditures	0
					Total All Sources	92,298

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Equip. & Furnishing	0	0	0	0	0	92,298	0	0	92,298
Subtotal	0	0	0	0	0	92,298	0	0	92,298
								Prior Year(s) Expenditures	0
								Total Project Cost	92,298

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Recurring Projects

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Project Number: LR076 **Project Title:** Security Cameras

Department Name: Public Works **CIP Status:** Changed - Recurring **Category Code:** A **Sector:** Various

Criteria High Priority **WF Number:**

Project Purpose:

To consolidate management and installation of security cameras at City sites including Public Works, DPU-E sites, DPU-W sites, the Police Department, Fire Stations, the Municipal Center, commuter stations, and the downtown.

Project Narrative:

An enterprise video management system, Milestone, was implemented to allow for existing cameras and newly installed cameras to be viewed and managed from a single application. The current project plan for FY16 is to continue to upgrade cameras from analog to digital to allow for migration and integration into the Citywide system. These sites include the Test Track, DPW, and 5th Ave. Station. In addition, new cameras will be installed at three DPU-W sites. In FY17, the five current downtown cameras will be upgraded and ten new cameras will be installed. These cameras will be beneficial to the community by deterring crime and heightening security. Staff seeks flexibility with this CIP request to adjust the plan based on the most pressing issues and what can be accomplished in the most expeditious manner. For instance, staff would delay integration work if we find funding is best used to install cameras in the downtown.

External Funding Sources Available

None

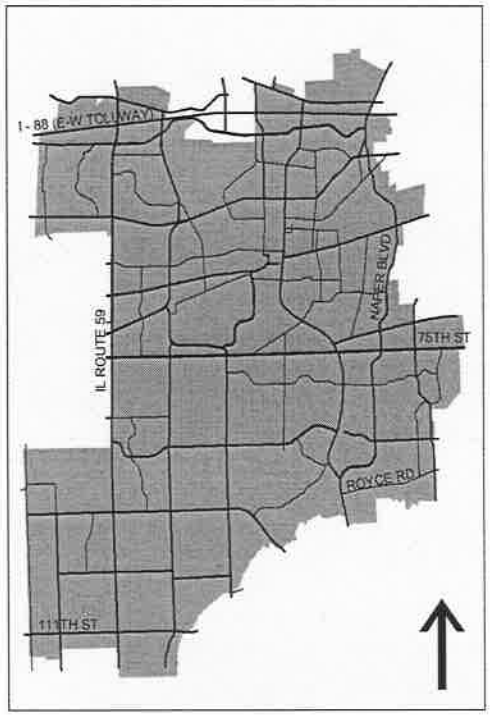
Projected Timetable

FY16 - Updated project scope includes camera installations at DPU-W Sites and System-wide Integration

FY17 - Installation of cameras at ten sites in the downtown

Impact on Operating Budget

There will be an additional $5,000 in annual software maintenance costs.



Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	2,500	5,000	5,000	5,000	5,000	22,500
Subtotal	2,500	5,000	5,000	5,000	5,000	22,500
					Prior Year(s) Impact	0
					Total Project Impact	22,500

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Water Utility	125,000	0	0	0	0	125,000
Unfunded Capital	75,000	154,500	0	0	0	229,500
Subtotal	200,000	154,500	0	0	0	354,500
					Prior Year(s) Expenditures	351,128
					Total All Sources	705,628

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	66,923	185,000	102,311	75,000	0	0	0	0	75,000
Equip. & Furnishing	32,460	0	100,000	0	0	0	0	0	0
Equip. & Maint.	0	0	0	125,000	154,500	0	0	0	279,500
Services	0	0	49,333	0	0	0	0	0	0
Softwr & Maint.	0	0	0	0	0	0	0	0	0
Supplies	102	0	0	0	0	0	0	0	0
Subtotal	99,485	185,000	251,644	200,000	154,500	0	0	0	354,500
								Prior Year(s) Expenditures	351,128
								Total Project Cost	705,628

Project Number: MB136 **Project Title:** Municipal Center Front Plaza and Parking Deck Repairs and Upgrades

Department Name: Public Works **CIP Status:** Changed - Recurring **Category Code:** B **Sector:** Northwest

Project Purpose: **Criteria** **WF Number:** (none)

This is a sustainable asset project that will repair the parking deck and front plaza at the Municipal Center. Need

Project Narrative:

The front plaza and parking deck of the Municipal Center, originally installed in 1991, have seen significant deterioration in areas that lead to expanded structural failures annually. To address these facility problems the City Council previously approved CIP# MB121 and MB136. DPW commissioned an A&E consultant to evaluate conditions focused on these two projects to develop a plan for the maintenance and repair of the parking deck and plaza. DPW has combined these two projects to provide a comprehensive plan based upon the projects described in the A&E report. The projects were prioritized by: 1) Safety implications, 2) Structural integrity and 3) Aesthetics. Projects over the next 3 years include: replacement of the main entry stairway and handicap ramp, repair of the parking deck driving surface, joint crack-filling, miscellaneous concrete repairs, upgrading light fixtures, and landscaping.

External Funding Sources Available

None

Projected Timetable

FY16 - Phase I of the entrance plaza and parking deck renovations; FY17 - Phase II of the entrance plaza and parking deck renovations; FY18 - Phase III of the entrance plaza, parking deck, and lighting renovations

Impact on Operating Budget

Will reduce major maintenance costs for the plazas and stairways at the municipal center for the first several years based upon historical repairs. Sealants and minor repairs will still be necessary in high traffic area exposed to the elements and salt.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	(7,000)	(7,000)	(7,000)	(7,000)	(28,000)
Subtotal	0	(7,000)	(7,000)	(7,000)	(7,000)	(28,000)
					Prior Year(s) Impact	0
					Total Project Impact	(28,000)

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	270,000	257,500	477,405	0	0	1,004,905
Subtotal	270,000	257,500	477,405	0	0	1,004,905
					Prior Year(s) Expenditures	224,577
					Total All Sources	1,229,482

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	177,677	100,000	45,610	243,000	231,750	429,665	0	0	904,415
Engineering	0	10,000	0	27,000	25,750	47,741	0	0	100,491
Services	1,291	0	0	0	0	0	0	0	0
Subtotal	178,967	110,000	45,610	270,000	257,500	477,405	0	0	1,004,905
								Prior Year(s) Expenditures	224,577
								Total Project Cost	1,229,482

Project Number: MB145 **Project Title:** Carpeting at Municipal Center
Department Name: Public Works **CIP Status:** Recurring **Category Code:** C **Sector:** Northwest
Criteria Need **WF Number:** (none)

Project Purpose:
This is a sustainable asset project that will replace the carpeting at the Municipal Center.

Project Narrative:
This project will replace the carpeting at City Hall on all three levels. The current carpeting has exceeded the end of its 20-year useful life. The carpeting was originally installed in 1991. Replacement costs include cost of carpet, furniture moving expenses, and labor for installation. Staff estimates the cost to be between $40 and $55 per square yard. Replacement will begin on the Ground Level (1,900 square yards) in year one of the project, the Main Level (2,675 square yards) in year two and the Upper Level (2,675 square yards) in the third and final year. Based upon annual staff evaluation, the replacement of the carpeting should begin in FY15-16. Approximately 450 square yards were replaced as part of the Meetings Rooms A & B renovation and the FY16 request has been reduced to reflect that installation.

External Funding Sources Available
None

Projected Timetable
Ground Level FY15-16, Main Level FY17-18, Upper Level FY18-19

Impact on Operating Budget
This project will have minimal impact on the operating budget.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	85,000	0	156,085	160,767	0	401,852
Subtotal	85,000	0	156,085	160,767	0	401,852
					Prior Year(s) Expenditures	0
					Total All Sources	401,852

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	0	85,000	0	156,085	160,767	0	401,852
Subtotal	0	0	0	85,000	0	156,085	160,767	0	401,852
								Prior Year(s) Expenditures	0
								Total Project Cost	401,852

Project Number: MB160 **Project Title:** Downtown Parking Deck Maintenance Program
Department Name: Public Works **CIP Status:** Changed - Recurring **Category Code:** A **Sector:** Northeast
Criteria **WF Number:**
Need

Project Purpose:
This is a sustainable asset project that will repair and maintain the parking decks in the SSA #24.

Project Narrative:
The Chicago Avenue and Van Buren Parking Decks were built in 1986 and 2001 respectively. These decks require on-going maintenance based on a detailed inspection report. This project plan includes upgrades and maintenance at the Van Buren Deck but only includes maintenance repairs for the Chicago Avenue Deck. In FY15-16, a traffic coating will be applied to parking surfaces at the Van Buren Deck. The existing coating has met its service life and is in need of replacement. This traffic coating will waterproof the mechanical room and the area above retail stores in the Main Street Promenade. In addition to the traffic coating replacement, there will also be sealant repairs, and the replacement of stair/elevator roof membranes. In FY16-17, the project plan for the Chicago Avenue Deck includes surface sealers, column repairs, and tee-to-tee joint sealants.

External Funding Sources Available
None

Projected Timetable
FY15-16 - Van Buren Deck - stair/elevator roof membrane; sealant repairs; replace traffic coating
FY16-17 - Chicago Avenue Deck - surface sealers; precast column repairs; tee-to-tee joint sealants

Impact on Operating Budget
This project will help to reduce emergency repair costs associated with the downtown parking decks.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	(2,000)	(5,000)	(10,000)	(10,000)	(10,000)	(37,000)
Subtotal	(2,000)	(5,000)	(10,000)	(10,000)	(10,000)	(37,000)
					Prior Year(s) Impact	0
					Total Project Impact	(37,000)

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
SSA Fund	209,925	318,656	0	0	0	528,581
Subtotal	209,925	318,656	0	0	0	528,581
					Prior Year(s) Expenditures	611,181
					Total All Sources	1,139,762

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	508,067	0	47,073	194,175	292,391	0	0	0	486,566
Engineering	56,041	0	0	15,750	26,265	0	0	0	42,015
Subtotal	564,108	0	47,073	209,925	318,656	0	0	0	528,581
								Prior Year(s) Expenditures	611,181
								Total Project Cost	1,139,762

Project Number: MB188 **Project Title:** Fire Station Overhead Doors Replacement

Department Name: Public Works **CIP Status:** Changed - Recurring **Category Code:** B **Sector:** Various

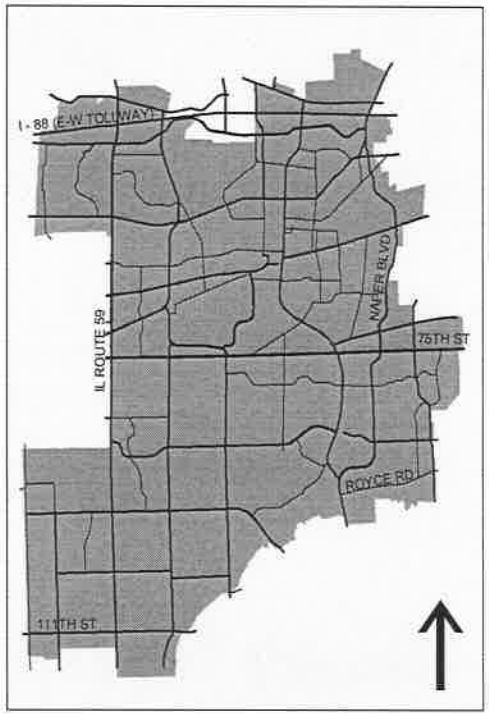
Project Purpose:

This is a sustainable asset project to replace 35 overhead doors in 7 of the oldest fire stations throughout the city.

Criteria Emergency Medical Care **WF Number:**

Project Narrative:

The Fire Department and Public Buildings recommends the replacement of 35 overhead doors at 7 of the oldest fire stations throughout the city with new high speed overhead doors that operate at a speed of up to 11 feet per second. The new overhead doors will improve emergency response times while at the same time significantly reduce energy costs. All of the stations that we are recommending for door replacement will be at least 24 years old at the time of replacement. Public Buildings recommends phasing the project over 3 years, with 15 doors replaced in Year 1, 10 doors replaced in Year 2, and 10 doors replaced in Year 3. Public Buildings needs to maintain the stations and equipment to provide the level of service that is expected of our community.



External Funding Sources Available

None

Projected Timetable

3 Stations (15 Doors) - FY18; 2 Stations (10 Doors) - FY19; 2 Stations (10 Doors) - FY20

Impact on Operating Budget

None

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	0	0	230,746	158,445	163,199	552,390
Subtotal	0	0	230,746	158,445	163,199	552,390
					Prior Year(s) Expenditures	0
					Total All Sources	552,390

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Equip. & Maint.	0	0	0	0	0	230,746	158,445	163,199	552,390
Subtotal	0	0	0	0	0	230,746	158,445	163,199	552,390
								Prior Year(s) Expenditures	0
								Total Project Cost	552,390

Project Number: PA020 **Project Title:** Annual Tree Planting Program

Department Name: Public Works **CIP Status:** Annual **Category Code:** B **Sector:** Various

Criteria Need **WF Number:**

Project Purpose:

This is an upgrade and enhancement project that will improve the City's urban forest through the diversified planting of trees along arterial and residential roadways.

Project Narrative:

This project is for the multi-year tree planting program on arterial & collector streets that was approved by City Council on July 3, 2001 to help beautify roadways. The arterial tree planting program is being put on hold until FY18 to offset the cost of tree removal and replacement in PA040 - Emerald Ash Borer Program. In FY09-10, the Department of Public Works (DPW) concluded the eight year term of the arterial tree planting program. From FY02 through fall of 2009, 5,736 of the 10,400 identified trees were planted. There are approximately 2,500 sites identified for planting once the program resumes. In FY17-18, DPW plans to plant 225 trees on Jefferson, Fort Hill Dr, Royal St. George, Bailey Rd, Royce Rd, Book Rd, 248th St and 111th St. In FY18-19, DPW plans to plant 330 trees on Gartner Road, Bauer Road, White Eagle Drive, Gateshead and Leverenz.

External Funding Sources Available

None

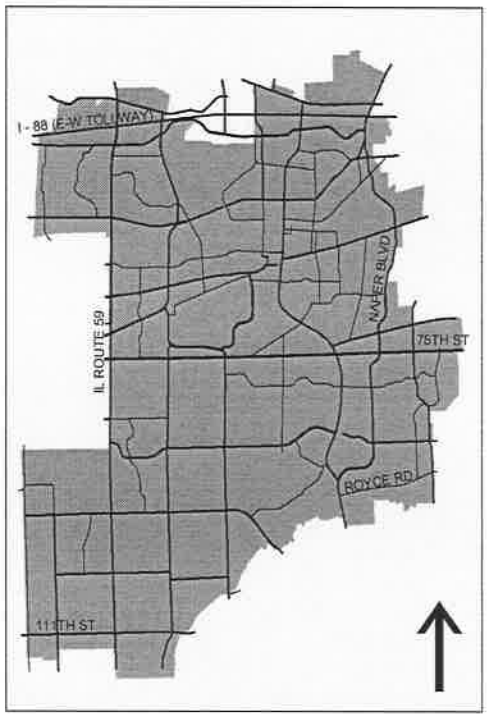
Projected Timetable

FY17-18 - 225 trees

FY18-19 - 330 trees

Impact on Operating Budget

Approximately 150 hours of staff time is used to implement the program at a cost of $3,500. Watering the new trees takes approximately 320 hours of staff time, at a cost of $7,680.



Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	11,180	11,180	11,180	33,540
Subtotal	0	0	11,180	11,180	11,180	33,540
					Prior Year(s) Impact	0
					Total Project Impact	33,540

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	0	0	53,708	81,135	75,972	210,815
Subtotal	0	0	53,708	81,135	75,972	210,815
					Prior Year(s) Expenditures	810,408
					Total All Sources	1,021,223

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	810,408	0	0	0	0	53,708	81,135	75,972	210,815
Subtotal	810,408	0	0	0	0	53,708	81,135	75,972	210,815
								Prior Year(s) Expenditures	810,408
								Total Project Cost	1,021,223

Project Number: PA040 **Project Title:** Emerald Ash Borer Removal and Replacement Program

Department Name: Public Works **CIP Status:** Recurring **Category Code:** A **Sector:** Various

Criteria Need **WF Number:**

Project Purpose:

This is a sustainable asset project that will improve the health of the City's urban forest through the removal and replacement of EAB infested trees along the City's roadways.

Project Narrative:

The Emerald Ash Borer (EAB) was first identified in June of 2008 and has been found throughout the City. Ash trees originally accounted for 26% of the city's parkway tree inventory, approximately 16,300 trees. In order to prevent the spread of EAB, DPW developed a containment strategy which consists of removing/replacing ash trees that cannot be saved and treating remaining ash trees. Through this program the City has a healthy inventory of around 13,200 ash trees. After observing results of the program during the first 3 years of the 6 year program, DPW has modified the removal/replacement plan to remove 900 trees in FY16; 800 trees in FY17; and 500 trees in FY18. This project funds the removal/replacement of trees removed by contractors and funds the replacement of trees removed in-house. This project also funds trimming of ash trees to proactively remove infested and dead branches.

External Funding Sources Available

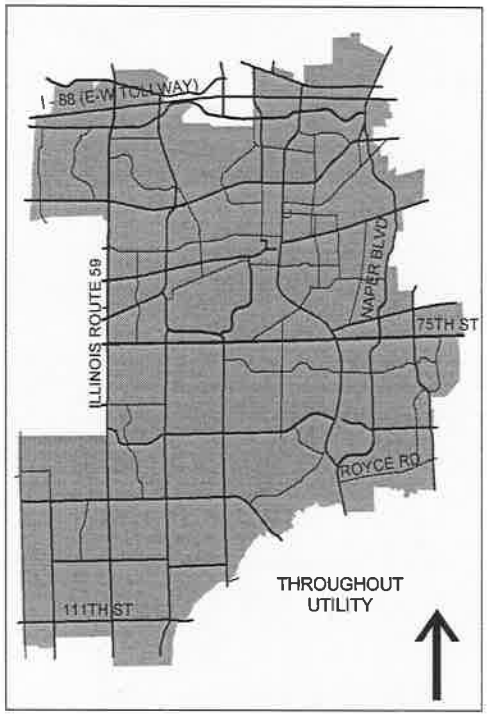
Staff continues to seek Grant Opportunities

Projected Timetable

FY16 - Remove and replace 900 trees (400 in-house and 500 contracted); FY17 - Remove and replace 800 trees (400 in-house and 400 contracted); FY18 - Remove and replace 500 trees (250 in-house and 250 contracted)

Impact on Operating Budget

The expense of treating infested ash trees will be funded through the general fund at an average annual cost of $368,900.



Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	427,500	386,250	278,486	0	0	1,092,236
Subtotal	427,500	386,250	278,486	0	0	1,092,236
					Prior Year(s) Expenditures	1,354,576
					Total All Sources	2,446,812

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	957,063	454,688	397,384	427,500	386,250	278,486	0	0	1,092,236
Supplies	130	0	0	0	0	0	0	0	0
Subtotal	957,193	454,688	397,384	427,500	386,250	278,486	0	0	1,092,236
								Prior Year(s) Expenditures	1,354,576
								Total Project Cost	2,446,812

Project Number: SC223 **Project Title:** Alley Improvement Program
Department Name: Public Works **CIP Status:** Annual **Category Code:** A **Sector:** Various
Criteria Need **WF Number:** (none)

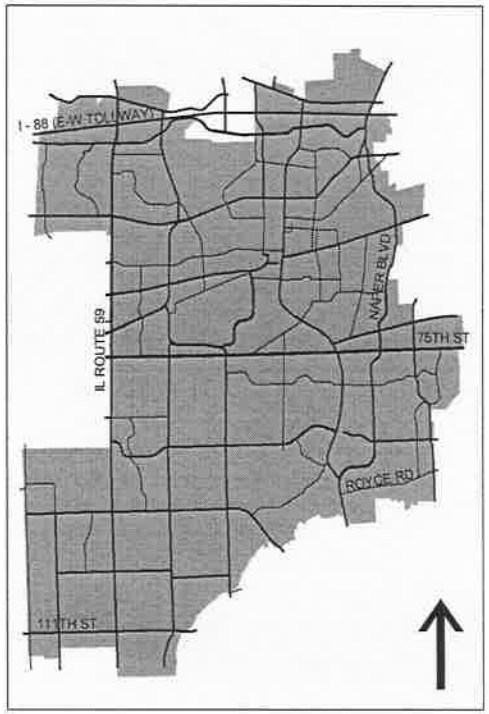
Project Purpose:
This is a sustainable asset project that will reconstruct two of the City's sixty-one alleys on an annual basis.

Project Narrative:
The alley improvement program began in 2004, and involves engineering each alley for improved drainage. The City has completed 40 of 61 alleys and seeks to reconstruct 2 alleys annually until all alleys have been improved in 10 years. The reconstruction involves the excavation of existing pavement and sub-soil. A base course, concrete curb, and new bituminous asphalt pavement are installed with an inverted "V" shape to drain water out to the adjoining streets into the storm sewer system. Often, site conditions warrant stormwater improvements such as additional piping or infrastructure. In FY15-16, DPW plans to reconstruct the alley from 5th to 6th & 6th to 7th btw. Washington and Center. Potentially one of these alleys will be constructed by a private developer, to which the City would contribute materials. The City would then reconstruct the alley from School to North btw. Ellsworth & Center.

External Funding Sources Available
None

Projected Timetable
FY15-16 Reconstruct alleys from 5th to 6th & 6th to 7th btw. Washington & Center; and School to North btw. Ellsworth & Center
FY16-17 Reconstruct alleys from 8th to Ogden & from Ogden to 11th btw. Loomis & Sleight

Impact on Operating Budget
The personnel expense associated with alley improvements is funded by the General Fund . This project improves alley surfaces and prevent the need for more invasive repair work and reduces the wear on plow equipment reducing maintenance costs.



Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Road & Bridge Fund	145,000	118,450	122,004	125,664	129,434	640,551
Subtotal	145,000	118,450	122,004	125,664	129,434	640,551
					Prior Year(s) Expenditures	1,567,784
					Total All Sources	2,208,335

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Benefits	193,853	0	52	0	0	0	0	0	0
Construction	34,452	102,500	34,300	102,500	105,575	108,742	112,005	115,365	544,186
Engineering	44,618	12,500	3,300	12,500	12,875	13,261	13,659	14,069	66,364
Equip. & Furnishing	650	0	0	30,000	0	0	0	0	30,000
Salaries	553,095	0	141	0	0	0	0	0	0
Services	99,386	0	8,695	0	0	0	0	0	0
Supplies	562,768	0	32,475	0	0	0	0	0	0
Subtotal	1,488,821	115,000	78,963	145,000	118,450	122,004	125,664	129,434	640,551
								Prior Year(s) Expenditures	1,567,784
								Total Project Cost	2,208,335

Project Number: SL125 **Project Title:** Capital Upgrade/Replacement of Street Lighting Systems

Department Name: Public Works **CIP Status:** Recurring **Category Code:** B **Sector:** Various

Criteria Need **WF Number:** (none)

Project Purpose:

This is an upgrade and enhancement project that will replace concrete street light poles, street light controllers, and install new uniduct to create a more reliable street lighting system.

Project Narrative:

This project seeks to make capital upgrades to arterial and residential street lighting systems. In FY08-09, DPW began evaluating the City's street lighting system to determine other needed capital upgrades. A project was identified to replace the direct buried underground aluminum cable and replace deteriorated concrete poles with city standard aluminum poles, streetlight controllers, and new uniduct. In FY17-18, the project will upgrade street lights in Maplebrook Unit 1, Moser Highland Unit 12, Olympic Terrace Units 1 and 2, and Old Farm Unit 1 and in FY18-19 will upgrade street lights in Naperville Royal Oaks, Pembroke Green, King's Terrace. The approximate number of street lights to be upgrade is 186. The installation of the new system restores reliability and saves repair costs through the installation of controllers, which make maintenance more effective and efficient.

External Funding Sources Available

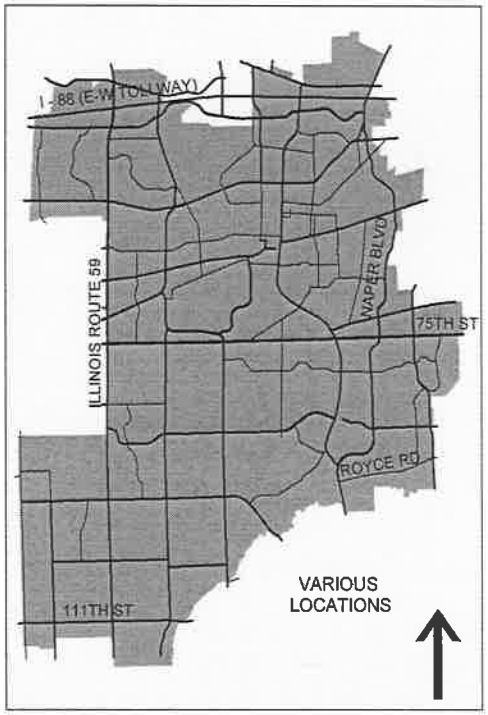
None

Projected Timetable

FY18 - Maplebrook Unit 1, Moser Highlands Unit 12, & Olympic Terrace Units 1 & 2 – Between Washington St & Modaff Rd & Gartner Rd & 75th St; Old Farm Unit 1 – Foxcroft and Wisteria Ct between Washington St & Kildeer Dr

Impact on Operating Budget

These lights are part of DPW's maintenance program. This CIP upgrade saves potential repair costs and restores reliability in streetlight system.



Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	0	0	132,613	81,955	0	214,567
Subtotal	0	0	132,613	81,955	0	214,567
					Prior Year(s) Expenditures	605,410
					Total All Sources	819,977

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	602,760	0	0	0	0	132,613	81,955	0	214,567
Engineering	2,650	0	0	0	0	0	0	0	0
Subtotal	605,410	0	0	0	0	132,613	81,955	0	214,567
								Prior Year(s) Expenditures	605,410
								Total Project Cost	819,977

Project Number: SL137 **Project Title:** Citywide LED Street Lighting Conversion

Department Name: Public Works **CIP Status:** Changed - Recurring **Category Code:** A **Sector:** Various

Criteria Need **WF Number:**

Project Purpose:

This is an upgrade and enhancement project that will replace all existing street lights on arterial and residential streets with LED fixtures. This project will reduce energy usage and maintenance expenses.

Project Narrative:

This project seeks to replace a total of 8,391 cobrahead street lights on arterial and residential streets throughout the City. The project was originally submitted as a 5-year program. Based upon updated prices, DPW is requesting the program be condensed to a three-year program to reduce the payback period and increase savings. The project would replace the current high pressure sodium (HPS) fixtures with Light Emitting Diode (LED) fixtures. The HPS lights are rated for 10,000 hours (2-3 years) and the LED fixtures are rated at 50,000 hours (10-15 years). The conversion will reduce energy usage, re-lamping fees, and maintenance costs. The gross savings from the project over 10 years is estimated at $4.56 million and payback starts at around 6 years. The funding in FY18-FY20 is for 2,700 specialty streetlights including Salem-post tops, Sheppard's crooks, and parking lot lights.

External Funding Sources Available

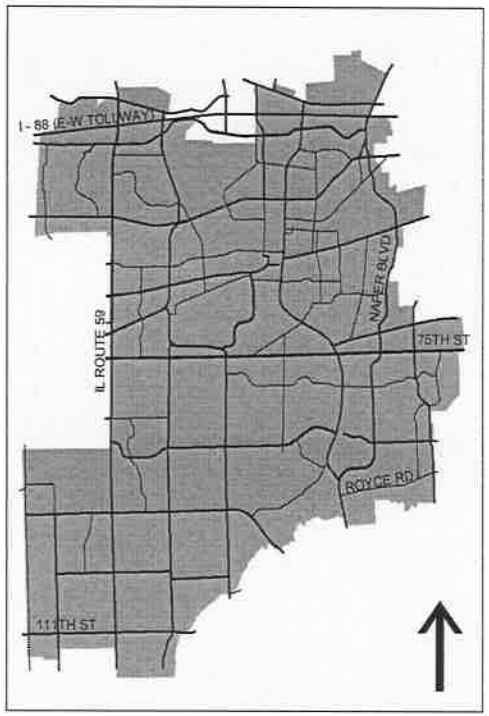
Staff will be using $750,000 in IMEA Grants in FY16

Projected Timetable

FY14-15 - Bid specification and vendor selection; FY15 - Installation on arterial roadways; FY16-FY17 - Installation on residential streets

Impact on Operating Budget

Will reduce annual electric costs by $166,163 and annual maintenance savings by $276,780, and annual relamping services by $74,906 when fully replaced.



Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	(111,159)	(314,503)	(517,849)	(517,849)	(517,849)	(1,979,209)
Subtotal	(111,159)	(314,503)	(517,849)	(517,849)	(517,849)	(1,979,209)
					Prior Year(s) Impact	0
					Total Project Impact	(1,979,209)

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
G.O. Bond: Prior Issues	423,605	378,927	0	0	0	802,532
Other Government - Enterprise	750,000	0	0	0	0	750,000
Unfunded Capital	0	845,026	391,472	403,216	415,313	2,055,028
Subtotal	1,173,605	1,223,953	391,472	403,216	415,313	3,607,559
					Prior Year(s) Expenditures	1,452
					Total All Sources	3,609,011

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	183,860	1,000	283,472	307,116	81,159	83,594	86,101	841,442
Equip. & Furnishing	0	1,505,705	0	890,133	916,837	310,313	319,623	329,211	2,766,117
Services	0	0	402	0	0	0	0	0	0
Supplies	49	0	0	0	0	0	0	0	0
Subtotal	49	1,689,565	1,402	1,173,605	1,223,953	391,472	403,216	415,313	3,607,559
								Prior Year(s) Expenditures	1,452
								Total Project Cost	3,609,011

Project Number: SW001 **Project Title:** Annual Stormwater Management Projects

Department Name: Public Works **CIP Status:** Annual **Category Code:** B **Sector:** Various

Criteria Need **WF Number:** (none)

Project Purpose:

This is a sustainable asset project that provides for the repair and replacement of the City's stormwater infrastructure.

Project Narrative:

Provides for stormwater management construction projects, materials, and equipment. Projects include erosion control, reconstruction of overflow routes, and emergency sewer additions addressing customer service issues. This project also provides for structure rebuilds and repairs, and open drainage repairs and cleanings. Annually, the City receives approximately 800 service requests from residents for stormwater related repairs. In addition, repairs are completed in coordination with the Transportation, Engineering and Development Business Group's Maintenance Improvement Program. Work is also coordinated with the storm sewer lining CIP project to do stormwater repairs prior to lining work. Without these stormwater management projects, the City has the potential to see a rise in stormwater system failures and flooding issues throughout the City.

External Funding Sources Available

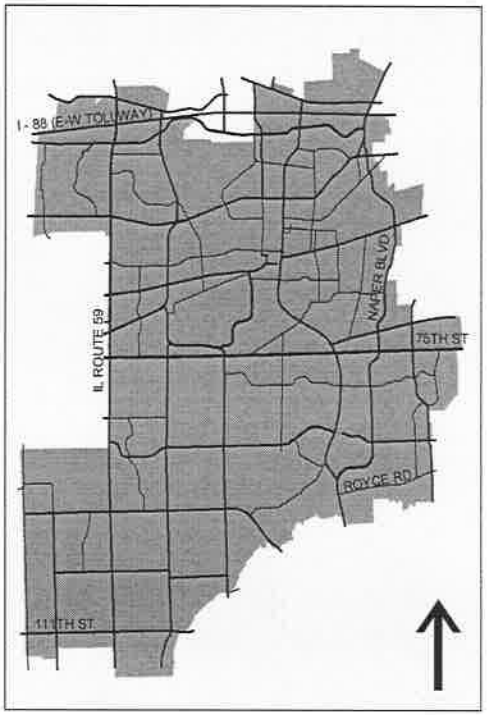
None

Projected Timetable

This annual project will repair stormwater construction projects on an as needed basis.

Impact on Operating Budget

Project should reduce emergency repair costs. Staff time varies depending on the projects, but estimates are approximately 200 hours of staff time for program administration.



Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	6,000	6,000	6,000	6,000	6,000	30,000
Subtotal	6,000	6,000	6,000	6,000	6,000	30,000
					Prior Year(s) Impact	0
					Total Project Impact	30,000

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	130,000	133,900	137,917	142,055	146,316	690,188
Subtotal	130,000	133,900	137,917	142,055	146,316	690,188
					Prior Year(s) Expenditures	918,590
					Total All Sources	1,608,778

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	708,318	130,000	66,746	130,000	133,900	137,917	142,055	146,316	690,188
Engineering	34,223	0	0	0	0	0	0	0	0
Equip. & Furnishing	1,000	0	0	0	0	0	0	0	0
Services	87,948	0	0	0	0	0	0	0	0
Supplies	20,356	0	0	0	0	0	0	0	0
Subtotal	851,845	130,000	66,746	130,000	133,900	137,917	142,055	146,316	690,188
								Prior Year(s) Expenditures	918,590
								Total Project Cost	1,608,778

Project Number: SW017 **Project Title:** Storm Sewer Lining Program
Department Name: Public Works **CIP Status:** Annual **Category Code:** A **Sector:** Various
Criteria Need **WF Number:** (none)

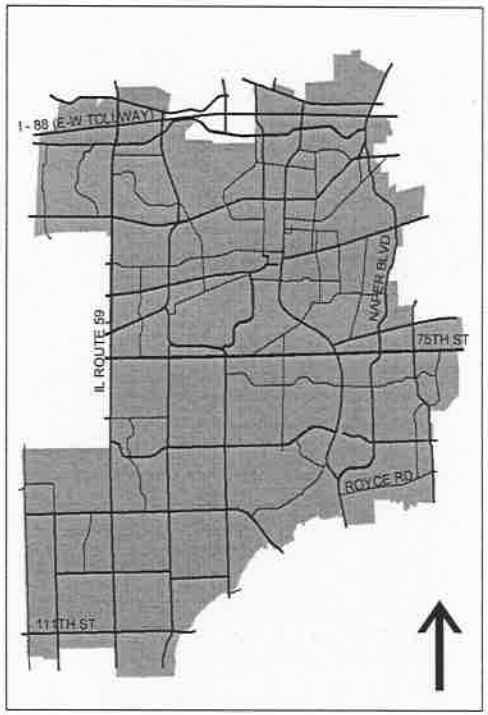
Project Purpose:
This is a sustainable asset project that provides for the cleaning and lining of the City's stormwater infrastructure.

Project Narrative:
As storm sewers age, deterioration occurs and causes structural defects, which leads to pipe failure and the need for replacement. Some city sewers are more than 80 years old and the lining process can add up to 75 years to life of the sewer while being less invasive and expensive than excavating and replacing the pipe. The City has approximately 10,000-12,000 linear feet of storm sewer pipe planned for FY16, depending on the size of pipe that range from 8 inches to 36 inches in diameter. The City has re-lined approximately 181,269 linear feet since the projects inception in FY04. The City televises the storm lines prior to lining to allow DPW to more accurately and efficiently schedule storm sewer lining activities and repair pipes through CIP Project # SW001 in preparation for the lining process. These repairs are necessary to protect the assets of the city and capitalize on the full extent of the lining program.

External Funding Sources Available
None

Projected Timetable
FY16 - Grid 134/135 (High Oaks); and Grid 67/68 (Windscape Village & 5th Ave. Properties)
Single Run Repair Sections - Grid 37 (Cress Creek); and Grid 145 (Winding Creek)

Impact on Operating Budget
Project can reduce emergency maintenance costs and allow employees to maintain sewer through routine flushing and inspecting. Approximately 320 hours of staff is needed to administer the program at $7,950.



Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	7,950	7,950	7,950	7,950	7,950	39,750
Subtotal	7,950	7,950	7,950	7,950	7,950	39,750
					Prior Year(s) Impact	0
					Total Project Impact	39,750

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	1,000,000	1,030,000	1,060,900	1,092,727	1,125,509	5,309,136
Subtotal	1,000,000	1,030,000	1,060,900	1,092,727	1,125,509	5,309,136
					Prior Year(s) Expenditures	7,397,408
					Total All Sources	12,706,544

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	6,140,080	1,000,000	1,109,114	1,000,000	1,030,000	1,060,900	1,092,727	1,125,509	5,309,136
Equip. & Furnishing	148,214	0	0	0	0	0	0	0	0
Subtotal	6,288,294	1,000,000	1,109,114	1,000,000	1,030,000	1,060,900	1,092,727	1,125,509	5,309,136
								Prior Year(s) Expenditures	7,397,408
								Total Project Cost	12,706,544

Project Number: SW026 **Project Title:** Stormwater System Upgrade and Improvement Program

Department Name: Public Works **CIP Status:** Annual **Category Code:** A **Sector:** Various

Criteria Coordination **WF Number:**

Project Purpose:

This is an upgrade and enhancement project that will provide funding for localized stormwater projects that will have a positive impact on the City's stormwater infrastructure.

Project Narrative:

The stormwater system upgrade and improvement program is a multi-year program that will provide funding for equipment, materials, and construction to manage localized stormwater projects throughout the City. These projects can include: the installation of new storm sewer sections that connect existing storm sewer to create a continuous stormwater system; the replacement of deteriorated sections of storm sewer that cause pavement failures, sinkholes, and other system failures. Projects eligible for this funding will be determined by the citywide Stormwater Team which is comprised of TED and DPW employees. The focus of this team is to help the City manage localized drainage issues and nuisance problems affecting multiple properties. Identified projects include: 210 Sandalwood; Hillside Rd.; White Oak ditch improvements; Cavalcade/Honest Pleasure flooding; and 103rd St. ditch improvements.

External Funding Sources Available

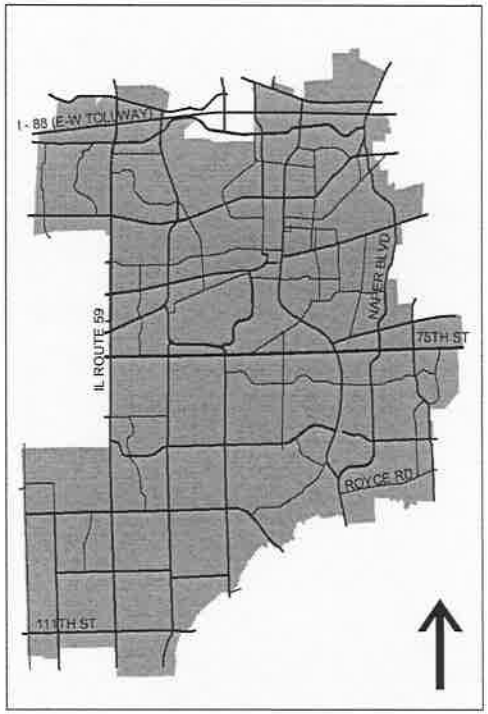
None

Projected Timetable

Design and engineering work will be for projects planned in the next fiscal year.

Impact on Operating Budget

Will reduce emergency stormwater work for DPW and will reduce the amount of emergency roadway work completed by TED



Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	(2,000)	(2,000)	(2,000)	(2,000)	(2,000)	(10,000)
Subtotal	(2,000)	(2,000)	(2,000)	(2,000)	(2,000)	(10,000)
					Prior Year(s) Impact	0
					Total Project Impact	(10,000)

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	111,000	114,330	117,760	121,293	124,931	589,314
Subtotal	111,000	114,330	117,760	121,293	124,931	589,314
					Prior Year(s) Expenditures	228,655
					Total All Sources	817,969

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	156,905	92,500	30,885	92,500	95,275	98,133	101,077	104,110	491,095
Engineering	13,948	18,500	0	18,500	19,055	19,627	20,215	20,822	98,219
Services	26,916	0	0	0	0	0	0	0	0
Subtotal	197,769	111,000	30,885	111,000	114,330	117,760	121,293	124,931	589,314
								Prior Year(s) Expenditures	228,655
								Total Project Cost	817,969

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Appendix A

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Project Number: EQ033 **Project Title:** Automatic Vehicle Locator
Department Name: Public Works **CIP Status:** Appendix A **Category Code:** C **Sector:** Various
Criteria Need **WF Number:** (none)

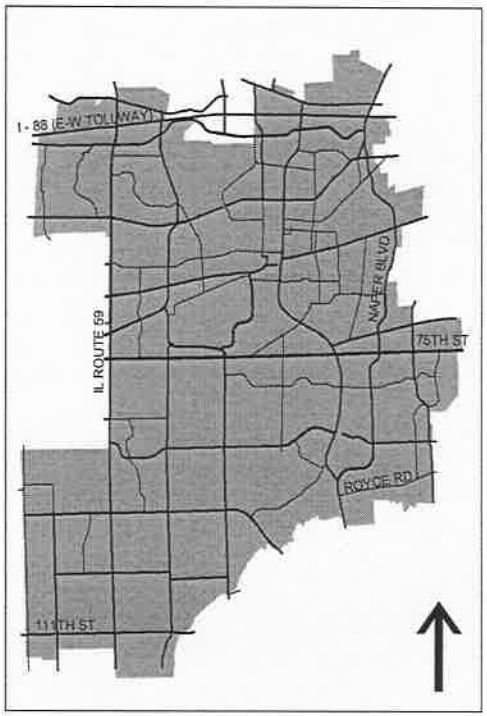
Project Purpose:
This project supports the City's Strategic Plan by being an E-Government Innovator.

Project Narrative:
This project will purchase and install Automatic Vehicle Locators (AVLs) in Department of Public Works (DPW) vehicles and equipment. The project will install 90 units over 2 years. Each units costs approximately $410 with installation and there is a $10,000 cost for software purchase and implementation in year 1. AVLs are satellite controlled locators that display each unit's location on an interactive map. This system can integrate with our work order system and allow DPW to dispatch workers to customer calls. The system also allows the City to monitor idle time, fuel consumption, and vehicle mileage. The project installed 45 units on City owned vehicles in 2015 through a pilot program and will install an additional 45 units in the second year. This will allow DPW to manage and monitor work activities and conditions during our operations of snow removal, brush pickup and leaf pickup.

External Funding Sources Available
None

Projected Timetable
FY15 - 45 units (City vehicles)
FY16 - 45 units (City vehicles)

Impact on Operating Budget
Software Charge - $24.95/monthly or $300/annually
45 Units - $13,473; 90 Units - $26,946



Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	26,946	26,946	26,946	26,946	107,784
Subtotal	0	26,946	26,946	26,946	26,946	107,784
					Prior Year(s) Impact	0
					Total Project Impact	107,784

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Subtotal	0	0	0	0	0	0
					Prior Year(s) Expenditures	0
					Total All Sources	0

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Equip. & Maint.	0	28,450	0	0	0	0	0	0	0
Subtotal	0	28,450	0	0	0	0	0	0	0
								Prior Year(s) Expenditures	0
								Total Project Cost	0

Project Number: MB180 **Project Title:** Route 59 Platform and Stairwell Repair Program

Department Name: Public Works **CIP Status:** Appendix A **Category Code:** A **Sector:** Northwest

Project Purpose: **Criteria** **WF Number:**

Project supports the Strategic Plan through City Services, Residential Life and Transportation Need

Project Narrative:

The City of Naperville is in the process of renewing an agreement with the City of Aurora defining maintenance of the facilities at the Rt. 59 Commuter Station. The City prefers to manage the maintenance of the platforms and the stairwell structure on the Naperville side of the tracks instead of the current arrangement where the City of Aurora manages the maintenance of these structures and is reimbursed by Naperville. Staff feels we can maintain these structures in a better condition to meet City expectations. An inspection was performed and over the next 5 years improvements will need to be made to bring that facility to an acceptable level. In FY14 the roof, gutter/downspouts and interior walls need repairs. Staff will repair those structure components within the $65,000 funding level and continue to develop a long-term maintenance improvement program for the site to establish a repair program through FY20.

External Funding Sources Available

None

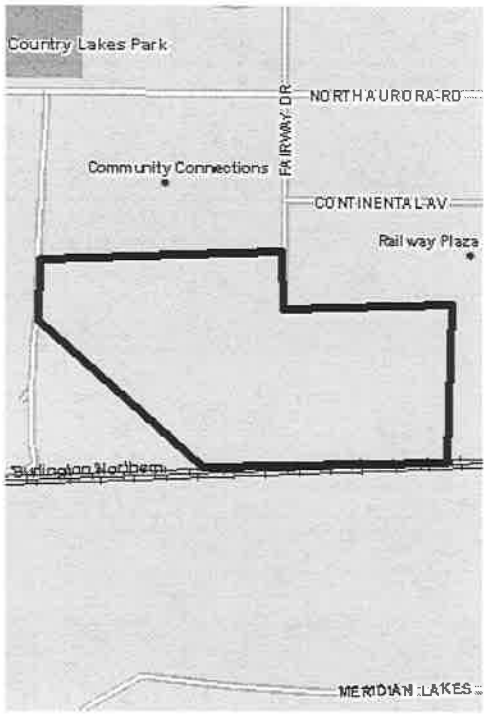
Projected Timetable

FY14 - Repair roof, gutters, downspouts and interior walls

FY15 - Implementation of 5 year improvement schedule

Impact on Operating Budget

This will reduce annual maintenance expenses related to the platform and stairwell



Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Subtotal	0	0	0	0	0	0
					Prior Year(s) Expenditures	25,550
					Total All Sources	25,550

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	14,300	0	11,250	0	0	0	0	0	0
Subtotal	14,300	0	11,250	0	0	0	0	0	0
								Prior Year(s) Expenditures	25,550
								Total Project Cost	25,550

Project Number: MB184 **Project Title:** Replacement Cooling Tower at Municipal Center
Department Name: Public Works **CIP Status:** Appendix A **Category Code:** A **Sector:** Northeast
Criteria Need **WF Number:**

Project Purpose:
The project supports the City's Strategic Plan through Residential Life and City Services

Project Narrative:
The cooling tower at the Municipal Center were installed in 1990 when the building was constructed. Preventative maintenance has been performed on the unit over the last 23 years however the unit is 3 years past its estimated 20 year lifespan. The exterior structure is deteriorating and showing signs of rust. The internal components are also showing signs of aging and rust and is corroded and leaking. These issues are preventing the tower from performing at its cooling load standards and cannot maintain consistent temperatures in the building. A helicopter or crane will be required to set the new unit on the rooftop. A replacement unit will improve efficiency and reduce operating expenses for the cooling at the Municipal Center. The project was bid in FY14 and those bids came in significantly higher than inital cost estimates.

External Funding Sources Available
None

Projected Timetable
To be completed in spring 2014

Impact on Operating Budget
Reduce annual maintenance expense.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	(750)	(1,500)	(1,500)	(1,500)	(1,500)	(6,750)
Subtotal	(750)	(1,500)	(1,500)	(1,500)	(1,500)	(6,750)
					Prior Year(s) Impact	0
					Total Project Impact	(6,750)

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Subtotal	0	0	0	0	0	0
					Prior Year(s) Expenditures	245,839
					Total All Sources	245,839

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	219,063	0	26,776	0	0	0	0	0	0
Subtotal	219,063	0	26,776	0	0	0	0	0	0
								Prior Year(s) Expenditures	245,839
								Total Project Cost	245,839

Project Number: SL138 **Project Title:** Burlington Train Station LED Conversion
Department Name: Public Works **CIP Status:** Appendix A **Category Code:** B **Sector:** Northeast
Project Purpose: **Criteria** **WF Number:**
This project supports the City's Strategic Plan through Residential Life, City Services and Transportation Need

Project Narrative:
This project seeks to replace a total of 124 street lights and pedestrian walkway lights at the Burlington Train Station. The project would replace the current high pressure sodium (HPS) light fixtures with Light Emitting Diode (LED) fixtures. The city currently has HPS lights that range from 70W to 400W. The HPS lights are rated for a 10,000 hour lifespan or 3-4 years and the new LED fixtures are rated at 50,000 hours or around 15 years. The conversion will reduce energy usage, relamping fees, and maintenance costs. The lights that will be replaced include the lower tunnel lights, upper tunnel lights, the platform walkway canopies, the stairwells, the walkways, and the main station entrance and canopy. The ROI on the project is estimated at $63,075 over fifteen years and will take 10.25 years for the payback.

External Funding Sources Available

Projected Timetable
Replacement in spring of 2013

Impact on Operating Budget
Will reduce annual electric costs by $4,750, annual maintenance expense by $7,700, and annual re-lamping expense by $2,100

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	(14,550)	(14,550)	(14,550)	(14,550)	(14,550)	(72,750)
Subtotal	(14,550)	(14,550)	(14,550)	(14,550)	(14,550)	(72,750)
					Prior Year(s) Impact	0
					Total Project Impact	(72,750)

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Subtotal	0	0	0	0	0	0
					Prior Year(s) Expenditures	41,338
					Total All Sources	41,338

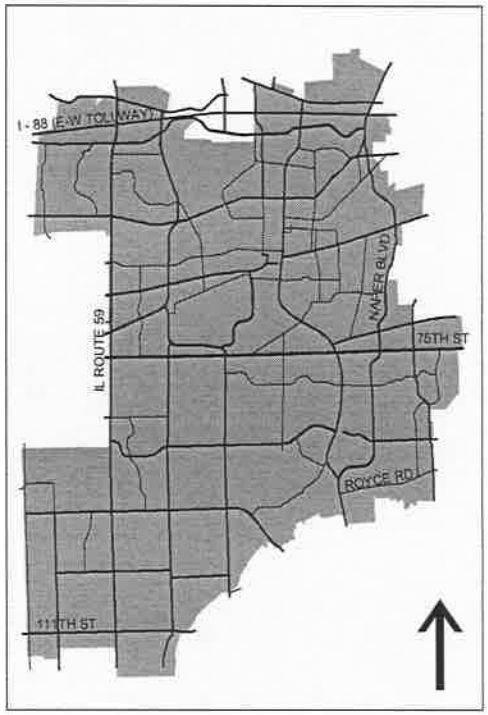
Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	41,338	0	0	0	0	0	0
Subtotal	0	0	41,338	0	0	0	0	0	0
								Prior Year(s) Expenditures	41,338
								Total Project Cost	41,338

Project Number: SW025 **Project Title:** Storm Sewer Extension Program
Department Name: Public Works **CIP Status:** Appendix A **Category Code:** B **Sector:** Northwest
Criteria Coordination **WF Number:**

Project Purpose:
This project supports the City's Strategic Plan through Residential Life and City Services.

Project Narrative:
The storm sewer extension program is a multi-year program that will install new sections of storm sewer throughout the City. The City plans to add pipe varying in sizes of 8 inches to 12 inches in diameter, to connect existing pieces of storm sewer to create a continuous storm water system. The installation of storm sewer extensions will help the City manage continuous localized drainage issues and will also address nuisance problems that affect multiple properties. Some of these solutions will include residential cost shares. The program, that began in FY11-12, will alternate engineering and construction work.



External Funding Sources Available
None

Projected Timetable
Engineering work - FY16, FY18
Construction work - FY15, FY17, FY19

Impact on Operating Budget
The additional storm sewer will need to be maintained by DPW. The estimated annual cost for maintenance is $500 but the City will also spend less on annual repair work and deicing chemicals. The City will save around $500 per extension of storm sewer section.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	(1,000)	(1,000)	(1,000)	(1,000)	(1,000)	(5,000)
Subtotal	(1,000)	(1,000)	(1,000)	(1,000)	(1,000)	(5,000)
					Prior Year(s) Impact	0
					Total Project Impact	(5,000)

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Subtotal	0	0	0	0	0	0
					Prior Year(s) Expenditures	52,609
					Total All Sources	52,609

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	52,609	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0
Subtotal	52,609	0	0	0	0	0	0	0	0
								Prior Year(s) Expenditures	52,609
								Total Project Cost	52,609

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CIP Executive Summaries

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FY 2016-2020 CIP
Department of Public Utilities - Water and Wastewater
Executive Summary

Fiscal Year 2014-2015 Summary and Highlights

WU04 – Water Main Rehabilitation Program –
Water Main Rehabilitation -
During FY14-15 DPU-Water replaced 900 lineal feet of 12" water main on Loomis Street and 850 lineal feet of 6" main with 8" pipe on Sleight Street. The water mains replaced were installed in the early 1900's. The Loomis Street section included the crossing under the BNRR tracks. In addition, a new 8" water main was installed on 4th Avenue to provide a looped main between Loomis and Sleight. The water main work on 4th Avenue allowed elimination of a 6" water main crossing of the BNRR at Sleight Street. These two BNRR crossings were the last two sections of very old water main under the tracks and greatly reduced the City's risk of a broken main under the tracks and associated costs and disruption.

WU05 - Water Main Relocation/Replacement -
In FY14-15, in conjunction with the Route 59 reconstruction project, approximately 2,600 lineal feet of 12" water main and 300 lineal feet of 8" water main were relocated/replaced. The majority of the work was funded by I.D.O.T. since the existing mains had been installed in easements adjacent to the original right-of-way.

WU29 - Emergency Standby Well Rehabilitation -
In FY 14-15 rehabilitation of Well 16 including electrical upgrades was completed. Well 28 electrical panels and upgrade was also completed. DPU-W will continue the rehabilitation of one well site per year to provide reliable emergency water supply in the event the Dupage Water Commission supply is disrupted.

WU35 – Water Supply Engine Generator –
West Southwest Waterworks –
In FY14-15 DPU-W installed a natural gas fired engine generator at the West- Southwest Waterworks at Route 59 and 103rd Street to provide emergency back-up power to the water supply booster pumps. This will enable the water stored on site in the 8 million gallon reservoir to be pumped to the system to maintain water pressure and provide fire protection during an electric power outage. With completion of this project all waterworks sites now have emergency standby generators.

WWU06 – Sanitary Sewer System Rehabilitation –
Mainlines & Service Lines –
In FY14-15 DPU-Water continued to rehabilitate and replace the older, deteriorated portions of the sanitary sewer system. Several projects, as indicated in a number of CIP budget line items, focused on various site-specific wastewater infrastructure renewal projects. Included in this effort was the continuance of Cured-in-Place-Pipe (CIPP) rehabilitation of approximately 150 sanitary sewer service laterals in King's Terrace, Pembroke Greens, Royal Oaks and Oak Hills subdivisions. Also included is CIPP rehabilitation of 16,033 lineal feet of older sanitary sewer mains primarily in Brush Hill and rehabilitation of 173 sanitary sewer manholes in Cress Creek. This important system renewal work continues to be part of the utility's overall plan to significantly reduce sanitary sewer overflows throughout the City.

WWU34 – Sanitary Sewer Lift Station Rehabilitation Program –
Sanitary Sewer Pumping Stations –
In FY14-15 DPU-Water continued to rehabilitate and upgrade sanitary sewer lift stations, including pumps and controls at Northwest Pump Station, Barclay Manor and Royce Road lift stations, replacement of backwater valves at Rivercrest Estates Backup Prevention Station, and installation of flow monitors and diversion valves at the city's four largest pump stations.

WWU36 – North Plant Grit Removal and RAS Upgrades and Improvements –
Springbrook Water Reclamation Center –
Engineering work for the upgrade to the Springbrook Water Reclamation Center (SWRC) grit removal and Return Activated Sludge (RAS) systems was completed in previous fiscal years and construction began in FY13-14 and will be completed in May/June, 2015. The new facilities will replace existing equipment constructed 35-plus years ago. The project includes an upgraded grit removal system that will include grit washing for the odorless deposition of inorganic materials. In addition to the grit removal system, the project includes a new RAS pump station to meet current and future plant capacity.

Fiscal Year 2016-2020 Summary

WU04 – Water Main Rehabilitation Program –
Water Main Rehabilitation -
In FY15-16 DPU-Water plans to begin a multi-year project to replace and upgrade the existing water mains on Ogden Avenue between Columbia Street and East Avenue. Sections of this main have experienced numerous breaks. In addition, upgrading to 12" main in some locations and adding interconnects across Ogden Avenue, as recommended in the 2010 Water Works Hydraulic Modeling and Analysis, will increase water pressure, fire flows and reliability in the area.

WU29 – Emergency Standby Well Rehabilitation –
Emergency Standby Water Supply –
Beginning in FY12-13 and continuing through FY18-19 (and beyond), this project proposes to replace and/or rehabilitate the existing well equipment of 7 of the City's 8 remaining standby emergency groundwater wells. Included will be the replacement of old pumps, motors, electrical gear and the rehabilitation of the well downhole including the removal of accumulated sand. Well 31 is proposed to be rehabilitated in FY15-16 and Well 24 in FY16-17. Replacement of the old equipment and rehabilitation of the downhole is estimated at $275,000 per year. The annual O&M cost to operate and test the 8 wells is approximately $125,000 per year.

WWU06 – Sanitary Sewer System Rehabilitation –
Mainlines & Service Lines –
Beginning in FY15-16 sanitary sewer service lateral rehabilitation will continue in King's Terrace, Pembroke Greens, Laird's Woods and Maplebrook South subdivisions with 185 laterals to be lined in FY15-16, returning to the previous rate of 150 laterals per year thereafter. An additional 55 lateral cleanouts will be installed in FY 2015-16 in Cress Creek to facilitate service lateral grouting and future lining installations. Sanitary sewer main CIPP lining will continue in the subdivisions of Brush Hill and Will-O-Way with 35,800 lineal feet (approximately 6.75 miles) planned for FY15-16 and 13,000 linear feet (approximately 2.5 miles) in subsequent years. Sanitary Interceptor Sewer rehabilitation will resume with 2,000 linear feet planned on Raymond Drive in FY15-16 and 8,000 linear feet of the Springbrook Prairie Interceptor planned for the two year period of FY16-17 and FY17-18. Lining will resume on Raymond Drive at a rate of 2,000 lineal feet per year beginning in FY18-19. Sanitary sewer manhole rehabilitation will continue at a rate of 50 manholes per year in Brush Hill and Will-O-Way, with an additional 80 manholes in the Downtown Naperville area planned for FY15-16.

WWU34 – Sanitary Sewer Lift Station Rehabilitation Program –
Sanitary Sewer Pumping Stations –
This project will rehabilitate the River Mist Lift Station, the Golden Larch Backflow Prevention Station (BPS) and the deteriorated force main at Century Hill Lift Station in FY15-16. Rehabilitation of one Lift Station and one BPS will be done in each year through FY20-21, with rehabilitation of Carrolwood Lift Station and Dichtl Court BPS planned for FY16-17. Ongoing rehabilitation and upgrades to existing pump stations enhances the reliability and efficiency of the system, leading to improved service and lower operating costs.

WWU39 - Influent Headworks Upgrades & Improvements -
Springbrook Water Reclamation Center -
Design work will begin in FY15-16 to replace the existing headworks at Springbrook Water Reclamation Center. The current equipment is near the end of its service life and has required major rehabilitation and maintenance on a continuing basis. The current screens will be replaced with more robust screens that will also screen out smaller particles to improve plant operations.

WWU42 – Biosolids Holding Tank –
Springbrook Water Reclamation Center –
During FY15-16 this project will replace the existing 18-year old Biosolids Holding Tank at the Springbrook Water Reclamtion Plant. This existing 500,000 gallon steel tank has numerous holes and unrepairable structural cracks. The new tank is proposed to be a reinforced 1,000,000 gallon dual-compartment concrete tank providing redundancy and operational flexibility.

FY2016-2020 CIP
Department of Public Utilities - Water and Wastewater
Executive Summary

Departmental Criteria

Category 1: New Development
Projects that serve new development and increased customer water/sanitary sewer demand:

- Service and meters for new and existing customers
- Facility installations for new and existing customers
- Transmission, and distribution additions and modifications

Category 2: Infrastructure Replacement/Renewal
Projects that are needed to replace deteriorated infrastructure that may not improve reliability:

- Infrastructure replacement/rehabilitation due to aging or deteriorated facilities

Category 3: Reliability Improvements/Upgrades
Projects needed to enhance customer satisfaction by improving the electrical system reliability:

- Looped infrastructure service projects that create redundant sources of water utility service in the event that the primary source is out of service
- Projects that minimize the duration of water supply service disruption that a customer may experience
- Projects that improve system capacity
- Projects that improve service reliability such as fire protection

Category 4: Utility Relocation
Projects needed to relocate existing water and or sanitary sewer utility infrastructure so that other projects can proceed. Projects are often mandated and reduce customer inconvenience for traffic and landscape restoration
Involves coordination with:

- City of Naperville
- County
- State
- Developers
- Others as requested

Category 5: Technology Projects
Projects that are technology related:

- Utility fiber-optic communication network (SCADA)
- Wastewater treatment facility upgrades
- Automatic Meter Reading pilot programs/projects
- GIS
- Support of citywide technology projects

Departmental Criteria (Cont')

Category 6: Legally Required Projects
Projects that are legally required:

- Removal and replacement of older lead water service lines that do not meet U.S. Environmental Protection Agency safe drinking standards
- Projects needed to meet regulatory compliance as dictated by the U.S. Environmental Protection Agency, Illinois Environmental Protection Agency and Illinois Department of Public Health, such as possible requirements to remove phosphorous and nitrogen from the Springbrook Water Reclamation Plant's effluent

Department of Public Utilities - Water and Wastewater
FY16 Proposed CIP

Projects by Functional Area:

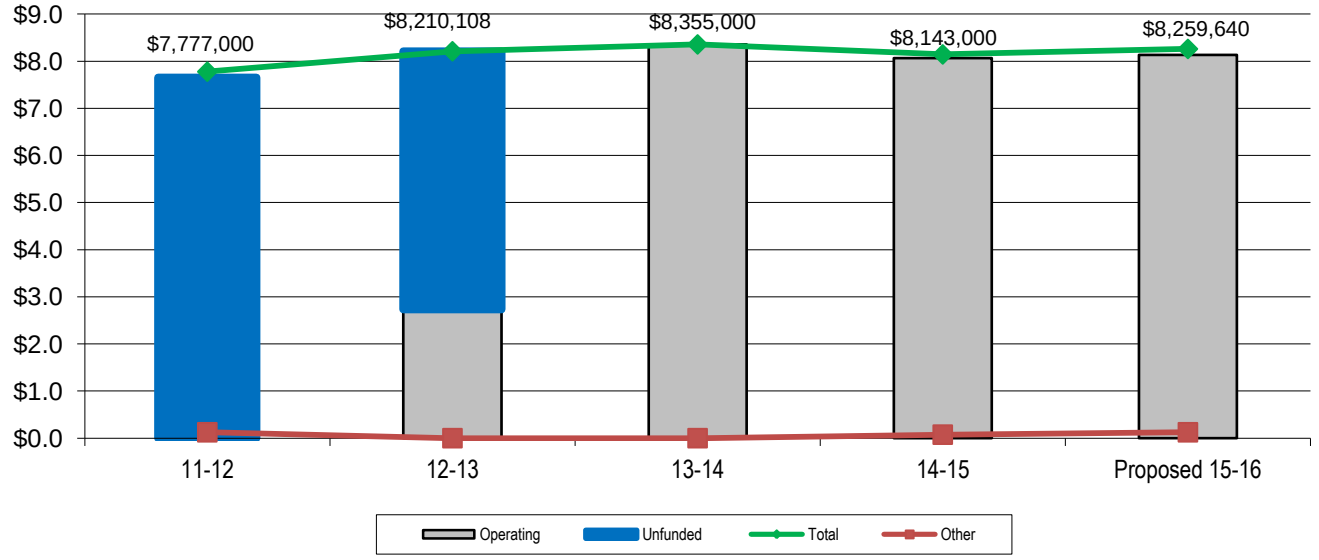
Sanitary Sewer	$	3,625,000
Wastewater Treatment		2,509,640
Water Distribution		975,000
Water Metering		875,000
Water Supply		275,000
	$	**8,259,640**

Revenue Sources:

Developer Contribution	$	125,000
Water Utility	$	8,134,640
	$	**8,259,640**

Current Unfunded	**$**	**-**

Five Year Historical Budget and Source of Funds of Water/Wastewater CIP Projects



Department of Public Utilities - Water and Wastewater
Projects by Function for FY15-16

Funding Sources:

Project #	Description of Project	Developer Contribution	Water Utility	Grand Total
Sanitary Sewer				
WWU05	Wastewater Utility Infrastructure Relocation - Various Locations	-	75,000	**75,000**
WWU09	Sanitary Sewer Oversizing Payments - New Developments	-	50,000	**50,000**
WWU10	Sanitary Sewer Capacity Improvements	-	900,000	**900,000**
WWU06	Sanitary Sewer System Rehab/Replacement-Interceptors/Trunk Sewers/Mainlines & Se	-	2,600,000	**2,600,000**
Total		**-**	**3,625,000**	**3,625,000**
Wastewater Treatment				
WWU34	Sanitary Sewer Lift Station Rehabilitation Program	-	710,000	**710,000**
WWU39	SWRC - Influent Headworks Upgrades & Improvements	-	200,000	**200,000**
WWU41	SWRC - Facility Replacement (non-treatment)	-	399,640	**399,640**
WWU42	Biosolids Holding Tank	-	1,200,000	**1,200,000**
Total		**-**	**2,509,640**	**2,509,640**
Water Distribution				
WU05	Water Utility Infrastructure Relocation - Misc. Locations	-	125,000	**125,000**
WU08	Water Main Oversizing Payments - New Developments	-	100,000	**100,000**
WU10	Water Distribution System - Additions/Extensions	-	250,000	**250,000**
WU04	Water Distrib. System - Rehabilitation/Replacements	-	500,000	**500,000**
Total		**-**	**975,000**	**975,000**
Water Metering				
WU19	Water Metering Additions - New	125,000	-	**125,000**
WU20	Water Metering Replacement	-	750,000	**750,000**
Total		**125,000**	**750,000**	**875,000**
Water Supply				
WU29	Emergency Standby Well Rehabilitation	-	275,000	**275,000**
Total		**-**	**275,000**	**275,000**
Grand Total		**$ 125,000**	**$ 8,134,640**	**$ 8,259,640**

CITY OF NAPERVILLE. ILLINOIS --- SUMMARY OF PROJECT ESTIMATES --- CAPITAL IMPROVEMENTS PROGRAM
PROJECTS EXPRESSED WITH 3% INFLATION FACTOR

Department: **Public Utilities - Water/ Wastewater**

	WF #	Estimated Total Cost	Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20
WU04	TBD	Annual		Water Distrib. System - Rehabilitation/Replacements				
		3,070,000	F	500,000	1,175,000	175,000	1,220,000	0
	Project Total	**3,070,000**		**500,000**	**1,175,000**	**175,000**	**1,220,000**	**0**
WU05	Multiple - TBD	Recurring		Water Utility Infrastructure Relocation - Misc. Locations				
		500,000	F	125,000	125,000	124,999	125,000	0
	Project Total	**500,000**		**125,000**	**125,000**	**124,999**	**125,000**	**0**
WU07	TBD	Previous Year - No Change		Mill Street PAS 15E - Booster Station Addition				
		1,125,000	F	0	125,000	1,000,000	0	0
	Project Total	**1,125,000**		**0**	**125,000**	**1,000,000**	**0**	**0**
WU08	TBD	Annual		Water Main Oversizing Payments - New Developments				
		200,001	F	100,000	25,000	25,000	25,001	25,000
	Project Total	**200,001**		**100,000**	**25,000**	**25,000**	**25,001**	**25,000**
WU10	Various - TBD	Annual		Water Distribution System - Additions/Extensions				
		3,615,000	F	250,000	250,000	750,000	1,265,000	1,100,000
	Project Total	**3,615,000**		**250,000**	**250,000**	**750,000**	**1,265,000**	**1,100,000**
WU19	TBD	Annual		Water Metering Additions - New				
		625,000	D	125,000	125,000	124,999	125,000	125,000
	Project Total	**625,000**		**125,000**	**125,000**	**124,999**	**125,000**	**125,000**
WU20	TBD	Annual		Water Metering Replacement				
		3,749,999	F	750,000	750,000	750,000	750,000	750,000
	Project Total	**3,749,999**		**750,000**	**750,000**	**750,000**	**750,000**	**750,000**
WU22	61253	Changed - Non Recurring		Automatic Meter Reading (AMR/AMI)				
		3,400,001	F	0	0	350,000	1,800,000	1,250,000
	Project Total	**3,400,001**		**0**	**0**	**350,000**	**1,800,000**	**1,250,000**

A) GENERAL FUND B) G.O. BOND: PRIOR ISSUES C) CAPITAL PROJECTS FUND CF) SPECIAL EVENTS AND CULTURAL AMENITIES FUND D) DEVELOPER CONTRIBUTION E) SPECIAL ASSESSMENT F) WATER UTILITY G) OTHER GOVERNMENT GE) OTHER GOVERNMENT: ENTERPRISE H) MOTOR FUEL TAX IC) IMPACT FEES: CITY IU) IMPACT FEES: CITY UNFUNDED IW) IMPACT FEE: WILL COUNTY J) ELECTRIC UTILITY L) LIBRARY BUILDING RESERVES LH) LOCAL MOTOR FUEL TAX N) BURLINGTON NORTHERN RAILROAD O) DOWNTOWN PARKING SOLUTION OR) OTHER ROAD FUNDING SOURCE P) PRIVATE CONTRIBUTIONS Q) REPLACEMENT FUND R) ROAD & BRIDGE FUND S) SIDEWALK FUND T) OTHER GOVERNMENT: PENDING TF) TIF U) UNFUNDED CAPITAL V) UNFUNDED ELECTRIC W) UNFUNDED WATER

CITY OF NAPERVILLE. ILLINOIS --- SUMMARY OF PROJECT ESTIMATES --- CAPITAL IMPROVEMENTS PROGRAM
PROJECTS EXPRESSED WITH 3% INFLATION FACTOR

Department: **Public Utilities - Water/ Wastewater**

	WF #	Estimated Total Cost	Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20
WU29	TBD	Recurring		Emergency Standby Well Rehabilitation				
		1,375,000	F	275,000	275,000	275,000	275,000	275,000
	Project Total	**1,375,000**		**275,000**	**275,000**	**275,000**	**275,000**	**275,000**
WU32	TBD	Changed - Non Recurring		Southeast Waterworks Pumps & Controls Replacement				
		250,000	F	0	0	0	0	250,000
	Project Total	**250,000**		**0**	**0**	**0**	**0**	**250,000**
WWU05	TBD	Changed - Recurring		Wastewater Utility Infrastructure Relocation - Various Locations				
		275,000	F	75,000	50,000	50,000	50,000	50,000
	Project Total	**275,000**		**75,000**	**50,000**	**50,000**	**50,000**	**50,000**
WWU06	TBD	Annual		Sanitary Sewer System Rehab/Replacement-Interceptors/Trunk Sewers/Mainlines & Service				
		17,236,044	F	2,600,000	4,800,000	4,946,955	2,445,363	2,443,725
	Project Total	**17,236,044**		**2,600,000**	**4,800,000**	**4,946,955**	**2,445,363**	**2,443,725**
WWU09	TBD	Annual		Sanitary Sewer Oversizing Payments - New Developments				
		150,001	F	50,000	25,000	25,000	25,001	25,000
	Project Total	**150,001**		**50,000**	**25,000**	**25,000**	**25,001**	**25,000**
WWU10	TBD	Recurring		Sanitary Sewer Capacity Improvements				
		1,300,000	F	900,000	100,000	100,000	100,000	100,000
	Project Total	**1,300,000**		**900,000**	**100,000**	**100,000**	**100,000**	**100,000**
WWU34	Multiple - TBD	Annual		Sanitary Sewer Lift Station Rehabilitation Program				
		2,675,000	F	710,000	460,000	660,000	460,000	385,001
	Project Total	**2,675,000**		**710,000**	**460,000**	**660,000**	**460,000**	**385,001**
WWU35	TBD	Changed - Non Recurring		SWRC - Phosphorus Removal - Preliminary Engineering (IEPA Permit Pending Requiremen				
		2,865,000	F	0	150,000	150,000	365,000	2,200,001
	Project Total	**2,865,000**		**0**	**150,000**	**150,000**	**365,000**	**2,200,001**

A) GENERAL FUND B) G.O. BOND: PRIOR ISSUES C) CAPITAL PROJECTS FUND CF) SPECIAL EVENTS AND CULTURAL AMENITIES FUND D) DEVELOPER CONTRIBUTION E) SPECIAL ASSESSMENT F) WATER UTILITY G) OTHER GOVERNMENT GE) OTHER GOVERNMENT: ENTERPRISE H) MOTOR FUEL TAX IC) IMPACT FEES: CITY IU) IMPACT FEES: CITY UNFUNDED IW) IMPACT FEE: WILL COUNTY J) ELECTRIC UTILITY L) LIBRARY BUILDING RESERVES LH) LOCAL MOTOR FUEL TAX N) BURLINGTON NORTHERN RAILROAD O) DOWNTOWN PARKING SOLUTION OR) OTHER ROAD FUNDING SOURCE P) PRIVATE CONTRIBUTIONS Q) REPLACEMENT FUND R) ROAD & BRIDGE FUND S) SIDEWALK FUND T) OTHER GOVERNMENT: PENDING TF) TIF U) UNFUNDED CAPITAL V) UNFUNDED ELECTRIC W) UNFUNDED WATER

CITY OF NAPERVILLE. ILLINOIS --- SUMMARY OF PROJECT ESTIMATES --- CAPITAL IMPROVEMENTS PROGRAM
PROJECTS EXPRESSED WITH 3% INFLATION FACTOR

Department: **Public Utilities - Water/ Wastewater**

	WF #	Estimated Total Cost	Funding Source		FY15-16	FY16-17	FY17-18	FY18-19	FY19-20
WWU39	TBD	Changed - Non Recurring		SWRC - Influent Headworks Upgrades & Improvements					
		2,384,465	F		200,000	2,184,465	0	0	0
	Project Total	**2,384,465**			**200,000**	**2,184,465**	**0**	**0**	**0**
WWU40	TBD	Changed - Non Recurring		Wastewater Engine Generator					
		374,920	F		0	0	374,920	0	0
	Project Total	**374,920**			**0**	**0**	**374,920**	**0**	**0**
WWU41	TBD	Changed - Non Recurring		SWRC - Facility Replacement (non-treatment)					
		989,018	F		399,640	425,421	53,045	54,636	56,275
	Project Total	**989,018**			**399,640**	**425,421**	**53,045**	**54,636**	**56,275**
WWU42	TBD	New		Biosolids Holding Tank					
		1,406,000	F		1,200,000	206,000	0	0	0
	Project Total	**1,406,000**			**1,200,000**	**206,000**	**0**	**0**	**0**
	Department Total	**47,565,448**			**8,259,640**	**11,250,885**	**9,934,920**	**9,085,001**	**9,035,002**

A) GENERAL FUND B) G.O. BOND: PRIOR ISSUES C) CAPITAL PROJECTS FUND CF) SPECIAL EVENTS AND CULTURAL AMENITIES FUND D) DEVELOPER CONTRIBUTION E) SPECIAL ASSESSMENT F) WATER UTILITY G) OTHER GOVERNMENT GE) OTHER GOVERNMENT: ENTERPRISE H) MOTOR FUEL TAX IC) IMPACT FEES: CITY IU) IMPACT FEES: CITY UNFUNDED IW) IMPACT FEE: WILL COUNTY J) ELECTRIC UTILITY L) LIBRARY BUILDING RESERVES LH) LOCAL MOTOR FUEL TAX N) BURLINGTON NORTHERN RAILROAD O) DOWNTOWN PARKING SOLUTION OR) OTHER ROAD FUNDING SOURCE P) PRIVATE CONTRIBUTIONS Q) REPLACEMENT FUND R) ROAD & BRIDGE FUND S) SIDEWALK FUND T) OTHER GOVERNMENT: PENDING TF) TIF U) UNFUNDED CAPITAL V) UNFUNDED ELECTRIC W) UNFUNDED WATER

New Projects

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Project Number: WWU42 **Project Title:** Biosolids Holding Tank

Department Name: Water/ Wastewater **CIP Status:** New

Category Code: A **Sector:** Southeast

Criteria **WF Number:** TBD

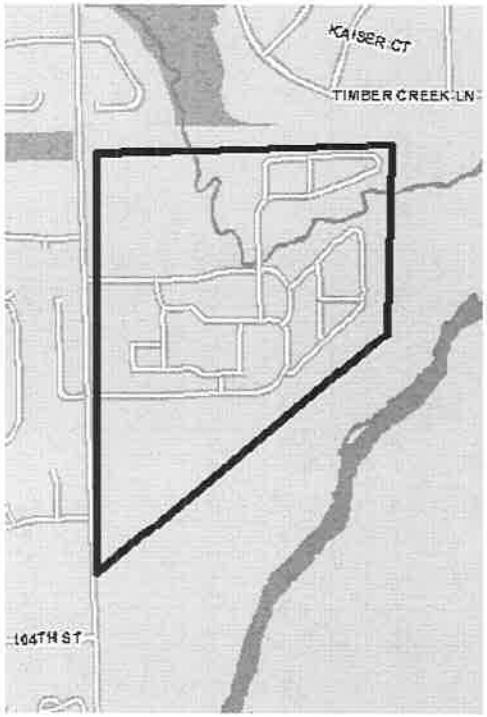
Infrastructure Replacement/Renewal

Project Purpose:

This project supports the delivery of municipal services that are reliable and responsive to the needs of the citizens by maintaining the utility infrastructure.

Project Narrative:

This project replaces the existing 18-year old Biosolids Holding Tank at the Springbrook Water Reclamation Plant. The existing 500,000 gallon steel tank has numerous holes and unrepairable structural cracks. The new tank is proposed to be a reinforced 1,000,000 gallon dual-compartment concrete tank providing system redundancy and operational flexibility.



External Funding Sources Available

None.

Projected Timetable

Engineering: Summer FY16; Construction: Winter-Spring FY16.

Impact on Operating Budget

Nominal operating and maintenance-related expenditures anticipated.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Water Utility	1,200,000	206,000	0	0	0	1,406,000
Subtotal	1,200,000	206,000	0	0	0	1,406,000
					Prior Year(s) Expenditures	0
					Total All Sources	1,406,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	0	1,100,000	206,000	0	0	0	1,306,000
Engineering	0	0	0	100,000	0	0	0	0	100,000
Subtotal	0	0	0	1,200,000	206,000	0	0	0	1,406,000
								Prior Year(s) Expenditures	0
								Total Project Cost	1,406,000

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Non-Recurring Projects

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Project Number: WU07 **Project Title:** Mill Street PAS 15E - Booster Station Addition

Department Name: Water/ Wastewater **CIP Status:** Previous Year - No Change **Category Code:** C **Sector:** Northeast

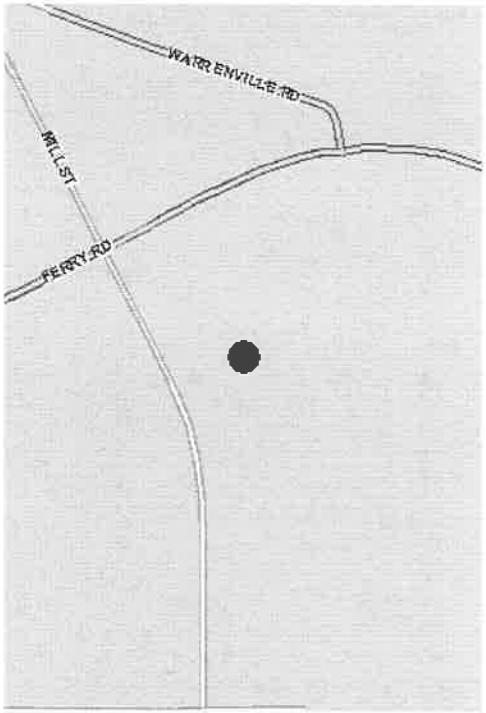
Criteria Reliability Improvements/Upgrades **WF Number:** TBD

Project Purpose:

This project supports the provision of water service to new customers as a demonstration of Naperville's commitment to provide essential services.

Project Narrative:

The Mill Street Pressure Adjusting Station (PAS)15E addition will provide a booster station on the Common Pressure Zone to provide an emergency backup system for the Northeast Enhanced Pressure Zone. The Northeast Waterworks currently is the only facility that can provide the full requirements of the Northeast Enhanced Pressure Zone. The booster station will have a peak use pumping capacity of 5.0 Million Gallons per Day (MGD).



External Funding Sources Available

None

Projected Timetable

Engineering planned for FY16-17

Construction scheduled for late FY17-18.

Impact on Operating Budget

No additional personnel; nominal operating & maintenance expenses anticipated. Category Code C selected because the project will be paid for via our Infrastructure Availability Charges (IAC).

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Water Utility	0	125,000	1,000,000	0	0	1,125,000
Subtotal	0	125,000	1,000,000	0	0	1,125,000
					Prior Year(s) Expenditures	0
					Total All Sources	1,125,000

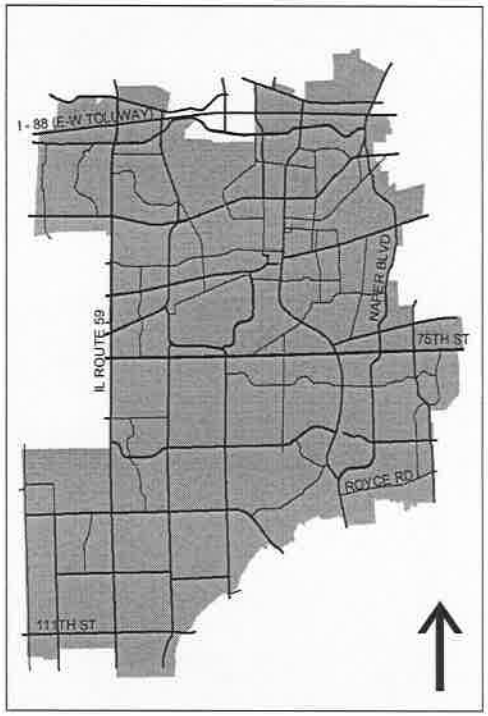
Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	0	0	15,874	991,513	0	0	1,007,387
Engineering	0	0	0	0	109,125	8,487	0	0	117,613
Subtotal	0	0	0	0	125,000	1,000,000	0	0	1,125,000
								Prior Year(s) Expenditures	0
								Total Project Cost	1,125,000

Project Number: WU22 **Project Title:** Automatic Meter Reading (AMR/AMI)
Department Name: Water/ Wastewater **CIP Status:** Changed - Non Recurring **Category Code:** B **Sector:** Various
Criteria **WF Number:** 61253
New Development, Technology Projects

Project Purpose:
This project supports the use of technology to deliver meter reading services efficiently.

Project Narrative:
This project is an ongoing joint effort with DPU-Electric (Project EU77) to implement an efficient and cost-effective Automatic Meter Reading (AMR/AMI) program available for water utility customers. Implementation of this project will replace the existing outside manual readers with electronic transmitters. The existing meters will not be affected. A 15-20 percent annual reduction in meter-reading costs is anticipated beginning in FY18-19. Project timing is flexible in the out years (if necessary) and funding amounts could vary year-to-year to reflect changes in project implementation.



External Funding Sources Available
None

Projected Timetable
Pilot implementation to test system began in FY13. Transmitter installation will begin in late FY17-18 with project implementation spanning 4-6 years.

Impact on Operating Budget
No significant impact on operating budget until AMR/AMI is fully implemented. When implementation is complete there will be a reduction in meter-reading costs.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	(15,000)	(30,000)	(45,000)
Subtotal	0	0	0	(15,000)	(30,000)	(45,000)
					Prior Year(s) Impact	0
					Total Project Impact	(45,000)

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Water Utility	0	0	350,000	1,800,000	1,250,000	3,400,001
Subtotal	0	0	350,000	1,800,000	1,250,000	3,400,001
					Prior Year(s) Expenditures	100,917
					Total All Sources	3,500,918

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Benefits	6,538	0	1,167	0	0	0	0	0	0
Construction	40,287	0	26,278	0	0	350,000	1,800,000	1,250,000	3,400,001
Salaries	17,619	0	3,818	0	0	0	0	0	0
Services	3,131	0	0	0	0	0	0	0	0
Supplies	2,079	0	0	0	0	0	0	0	0
Subtotal	69,655	0	31,263	0	0	350,000	1,800,000	1,250,000	3,400,001
								Prior Year(s) Expenditures	100,917
								Total Project Cost	3,500,918

Project Number: WU32 **Project Title:** Southeast Waterworks Pumps & Controls Replacement

Department Name: Water/ Wastewater **CIP Status:** Changed - Non Recurring **Category Code:** A **Sector:** Southeast

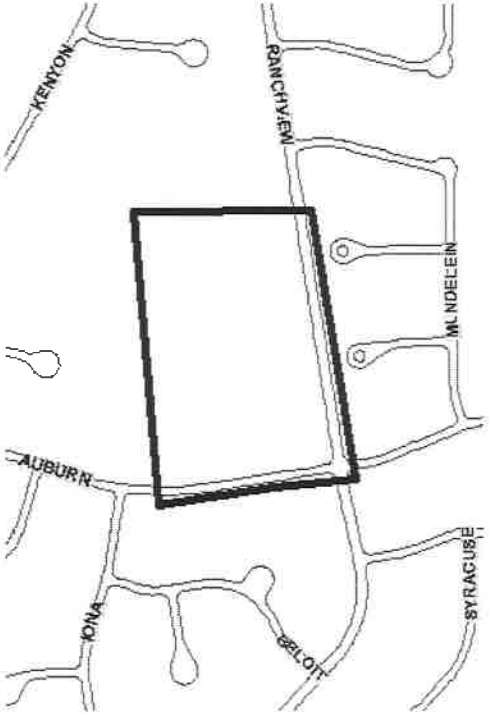
Criteria Reliability Improvements/Upgrades **WF Number:** TBD

Project Purpose:

This project supports the delivery of municipal services that are reliable and responsive to the needs of the citizens by updating essential utility infrastructure.

Project Narrative:

This project is for the engineering and replacement of older potable water pumps and associated controls at our Southeast Waterworks facility located at 1699 Ranchview Drive. This is an important facility which provides increased water pressure and fire flows for the east and southeast section of the City. The existing water supply booster pumps and fire flow pumping units are over 30 years old and need to be replaced with modern energy-efficient pumps/motors, variable frequency drives and associated instrumentation.



External Funding Sources Available

City will continue to seek grant funding for portion of project

Projected Timetable

Engineering: FY15-16 thru FY17-18; Construction: FY18-19 and FY19-20.

Impact on Operating Budget

No new personnel; Nominal impact on operations & maintenance budget.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Water Utility	0	0	0	0	250,000	250,000
Subtotal	0	0	0	0	250,000	250,000
					Prior Year(s) Expenditures	81,235
					Total All Sources	331,235

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Benefits	1,007	0	6	0	0	0	0	0	0
Construction	76,619	0	0	0	0	0	0	250,000	250,000
Engineering	0	0	0	0	0	0	0	0	0
Salaries	3,577	0	26	0	0	0	0	0	0
Subtotal	81,203	0	32	0	0	0	0	250,000	250,000
								Prior Year(s) Expenditures	81,235
								Total Project Cost	331,235

Project Number: WWU35 **Project Title:** SWRC - Phosphorus Removal - Preliminary Engineering (IEPA Permit Pending Requirement)

Department Name: Water/ Wastewater **CIP Status:** Changed - Non Recurring **Category Code:** B **Sector:** Southeast

Project Purpose:

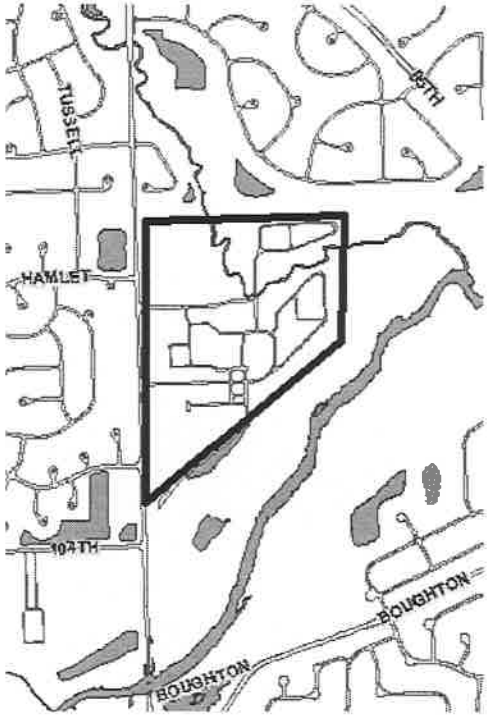
This project supports the delivery of municipal services that are reliable and responsive to the needs of the citizens by updating essential utility infrastructure.

Criteria **WF Number:** TBD

Infrastructure Replacement/Renewal, Technology Projects, Legally Required

Project Narrative:

The City's NPDES (National Pollutant Discharge Elimination System) Permit was renewed by the Illinois EPA in April, 2011. This project anticipates that a phosphorus removal (and possibly total nitrogen removal) limit will be written into the next NPDES permit when it is renewed in 2016. The funding proposes to conduct preliminary engineering to design facilities necessary to meet the new Illinois EPA phosphorus and nitrogen removal requirements. Depending on the final outcome of the IEPA's new standard for phosphorus and nitrogen removal, significant construction expenditures could be needed beyond FY18-19 for major modifications to the existing wastewater treatment systems/processes (est: $60-80 Million).



External Funding Sources Available

None

Projected Timetable

Engineering Studies/Preliminary Engineering: FY16-17 thru FY18-19. Construction: FY17-20 and beyond.

Impact on Operating Budget

Nominal operating & maintenance-related expenditures anticipated.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Water Utility	0	150,000	150,000	365,000	2,200,001	2,865,000
Subtotal	0	150,000	150,000	365,000	2,200,001	2,865,000
					Prior Year(s) Expenditures	373
					Total All Sources	2,865,373

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Benefits	73	0	0	0	0	0	0	0	0
Construction	0	0	0	0	15,450	15,914	32,782	2,200,001	2,264,146
Engineering	0	0	0	0	134,550	134,086	332,219	0	600,855
Salaries	300	0	0	0	0	0	0	0	0
Subtotal	373	0	0	0	150,000	150,000	365,000	2,200,001	2,865,000
								Prior Year(s) Expenditures	373
								Total Project Cost	2,865,373

Project Number: WWU39 **Project Title:** SWRC - Influent Headworks Upgrades & Improvements
Department Name: Water/ Wastewater **CIP Status:** Changed - Non Recurring **Category Code:** A **Sector:** Southeast
Criteria **WF Number:** TBD
Infrastructure Replacement/Renewal, Technology Projects

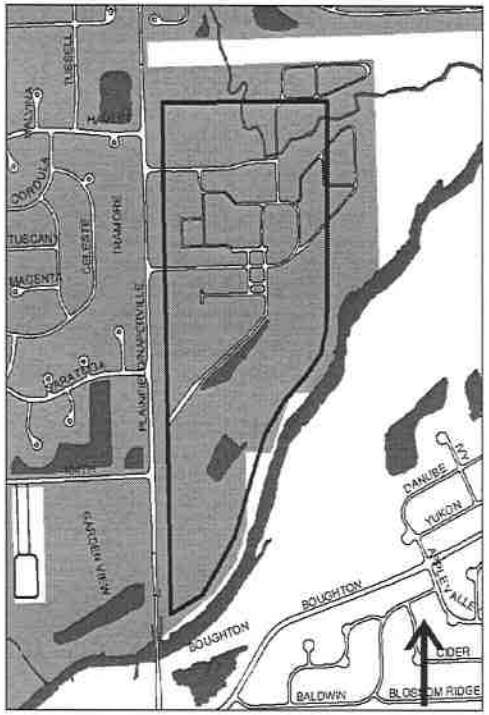
Project Purpose:
This project supports Naperville's commitment to provide essential services to the residents.

Project Narrative:
The Influent Headworks at Springbrook Water Reclamation Plant includes three bar screens and two screenings washers that remove rocks, rags, large grit and other debris from the influent flow to the treatment plant. This project includes the removal and replacement of the existing screens and washers with upgraded equipment. Due to the harsh environment and nature of the collected material this equipment requires more maintenance and has a shorter service life than other plant equipment. The removal of rocks, rags and large grit protects downstream pumps and other treatment processes. One of the existing bar screens was rebuilt and major repair was performed on a second under previous years funding. This work extended the useful life of two of the bar screens. Replacement of the bar screens and washers is currently scheduled for FY16-17.

External Funding Sources Available
None

Projected Timetable
Engineering and construction scheduled for FY15-16 and FY16-17, respectively.

Impact on Operating Budget
No additional personnel; Nominal operating and maintenance expenses anticipated.



Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Water Utility	200,000	2,184,465	0	0	0	2,384,465
Subtotal	200,000	2,184,465	0	0	0	2,384,465
					Prior Year(s) Expenditures	0
					Total All Sources	2,384,465

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	0	0	2,184,465	0	0	0	2,184,465
Engineering	0	0	0	200,000	0	0	0	0	200,000
Subtotal	0	0	0	200,000	2,184,465	0	0	0	2,384,465
								Prior Year(s) Expenditures	0
								Total Project Cost	2,384,465

Project Number: WWU40 **Project Title:** Wastewater Engine Generator

Department Name: Water/ Wastewater **CIP Status:** Changed - Non Recurring **Category Code:** A **Sector:** Southeast, Southwest

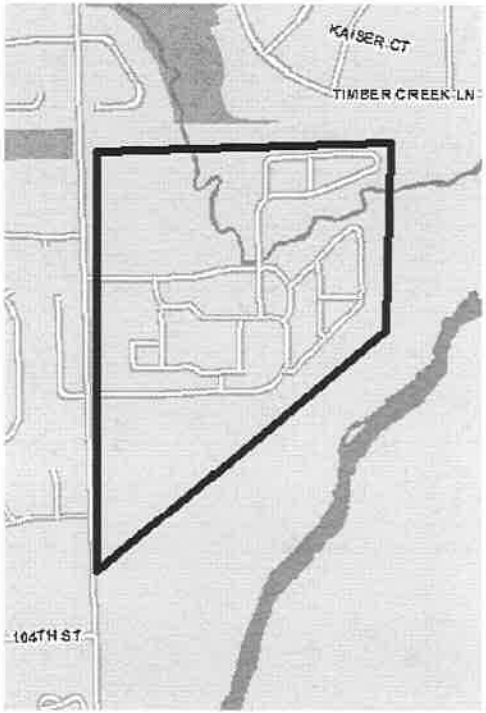
Criteria Infrastructure Replacement/Renewal, Reliability Improvements/Upgrades, Technology Projects **WF Number:** TBD

Project Purpose:

This project supports the delivery of municipal utility services that are responsive to the needs of the citizens by providing exemplary public safety and reliability.

Project Narrative:

A natural gas fired engine generator will be installed at Influent Pump Station at Springbrook Water Reclamation Center to provide back-up power to the influent pumps and controls. This will enable the plant to process wastewater through the plant during an electric power outage. The emergency power will allow influent pumps to pump incoming flow through the plant to prevent sanitary sewer backups and provide some marginal treatment.



External Funding Sources Available

None

Projected Timetable

The generator will be installed in FY17-18.

Impact on Operating Budget

Additional operating costs include cost for natural gas for weekly test run as well as required during a outage. Maintenance is required for the equipment which is provided under a contract administered through DPW and associated costs charged back to DPU-W.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	5,000	5,000	10,000
Subtotal	0	0	0	5,000	5,000	10,000
					Prior Year(s) Impact	0
					Total Project Impact	10,000

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Water Utility	0	0	374,920	0	0	374,920
Subtotal	0	0	374,920	0	0	374,920
					Prior Year(s) Expenditures	353
					Total All Sources	375,273

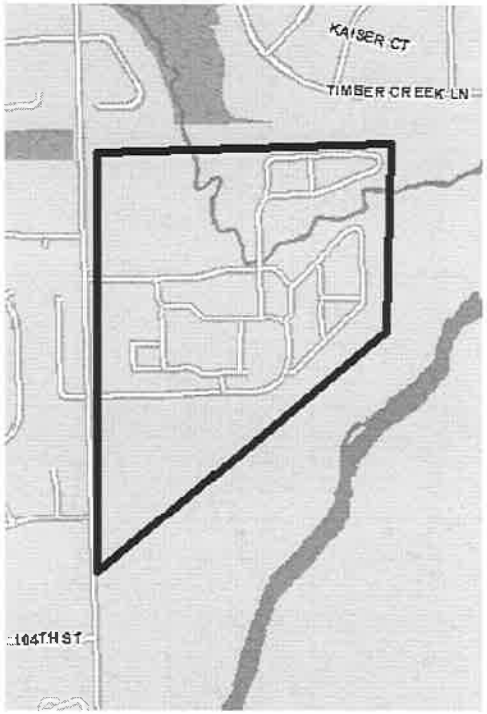
Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Benefits	87	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	374,920	0	0	374,920
Salaries	266	0	0	0	0	0	0	0	0
Subtotal	353	0	0	0	0	374,920	0	0	374,920
								Prior Year(s) Expenditures	353
								Total Project Cost	375,273

Project Number: WWU41 **Project Title:** SWRC - Facility Replacement (non-treatment)
Department Name: Water/ Wastewater **CIP Status:** Changed - Non Recurring **Category Code:** A **Sector:** Southeast
Criteria **WF Number:** TBD
Infrastructure Replacement/Renewal, Technology Projects

Project Purpose:
This project supports the delivery of municipal services that are reliable and responsive to the needs of the citizens by updating essential utility infrastructure.

Project Narrative:
Project WWU41 provides for the replacement/upgrade of non-treatment related facilities and equipment at the Springbrook Water Reclamation Center. Projects identified include: 1) Roof replacement for the Biosolids Processing building and the Screenings building, 2) Replacement/upgrade of HVAC equipment for the Biosolids Processing building and the Administration building, 3) Replacement/upgrade of site non-potable water system for the Administration building and the Biosolids Processing building.



External Funding Sources Available
None

Projected Timetable
Initial timetable is to do one project per year starting in FY15-16.

Impact on Operating Budget
No additional personnel; Nominal impact on operating and maintenance budget anticipated.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Water Utility	399,640	425,421	53,045	54,636	56,275	989,018
Subtotal	399,640	425,421	53,045	54,636	56,275	989,018
					Prior Year(s) Expenditures	121,672
					Total All Sources	1,110,689

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Benefits	0	0	382	0	0	0	0	0	0
Construction	21,425	5,000	98,714	399,640	423,361	53,045	54,636	56,275	986,958
Engineering	0	70,000	0	0	2,060	0	0	0	2,060
Salaries	0	0	1,151	0	0	0	0	0	0
Subtotal	21,425	75,000	100,247	399,640	425,421	53,045	54,636	56,275	989,018
								Prior Year(s) Expenditures	121,672
								Total Project Cost	1,110,689

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Recurring Projects

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Project Number: WU04 **Project Title:** Water Distrib. System - Rehabilitation/Replacements

Department Name: Water/ Wastewater **CIP Status:** Annual **Category Code:** LR **Sector:** Various

Criteria **WF Number:** TBD

Infrastructure Replacement/Renewal, Legally Required

Project Purpose:

This project supports the delivery of municipal services that are reliable and responsive to the needs of the citizens by updating essential utility infrastructure.

Project Narrative:

This project provides for the replacement or rehabilitation of water mains in areas that have experienced frequent main breaks, corrosion or hydraulic deficiencies. It also provides for the replacement of hydrants & valves that have failed or are inoperable. This project has been coordinated with the City's Road Improvement Program. In addition, this project provides for the replacement of older Lead (Pb) water service lines that do not meet U.S. Environmental Protection Agency safe drinking standards. The projects planned for FY16 include the rehab/replacement of deteriorated water mains located along Ogden Avenue from Columbia to Vest. The increase in FY19 relates to watermain rehab in-conjunction with TED's road improvements and other locations. Specific locations include: a) 1000/1200 E. Warrenville Rd, b) Zaininger, c) E. Ogden from Columbia to Vest, and, d) Oswego from River to Thornapple.

External Funding Sources Available

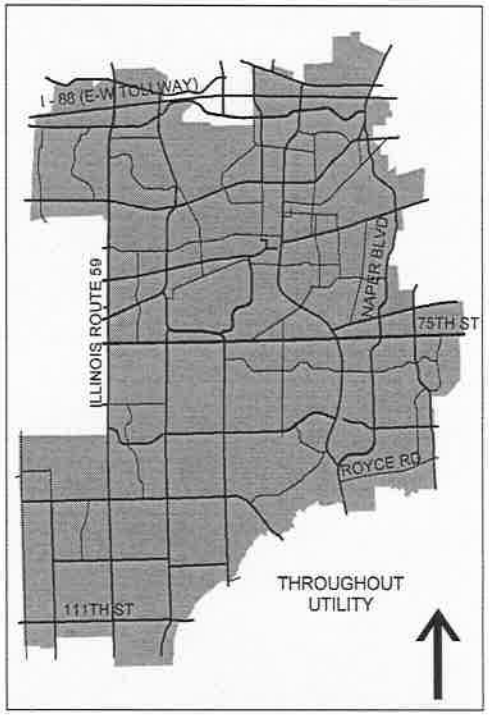
None

Projected Timetable

Projects planned for FY15-16 include the replacement of the existing 12" water main on Loomis Street from 5th Avenue to North Avenue and also replace/upgrade/abandon the 6" water main on Sleight Street from 5th Avenue to North Avenue.

Impact on Operating Budget

No new personnel; Nominal impact on operations & maintenance budget. The water service line replacement program does not significantly affect ongoing maintenance costs.



Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Water Utility	500,000	1,175,000	175,000	1,220,000	0	3,070,000
Subtotal	500,000	1,175,000	175,000	1,220,000	0	3,070,000
					Prior Year(s) Expenditures	3,740,050
					Total All Sources	6,810,050

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Benefits	46,500	0	17,281	0	0	0	0	0	0
Construction	2,511,423	675,000	821,126	500,000	1,175,000	175,000	1,220,000	0	3,070,000
Salaries	142,231	0	50,525	0	0	0	0	0	0
Services	46,148	0	12,009	0	0	0	0	0	0
Supplies	56,427	0	36,381	0	0	0	0	0	0
Subtotal	2,802,728	675,000	937,322	500,000	1,175,000	175,000	1,220,000	0	3,070,000
								Prior Year(s) Expenditures	3,740,050
								Total Project Cost	6,810,050

Project Number: WU05 **Project Title:** Water Utility Infrastructure Relocation - Misc. Locations

Department Name: Water/ Wastewater **CIP Status:** Recurring **Category Code:** LR **Sector:** Various

Project Purpose:

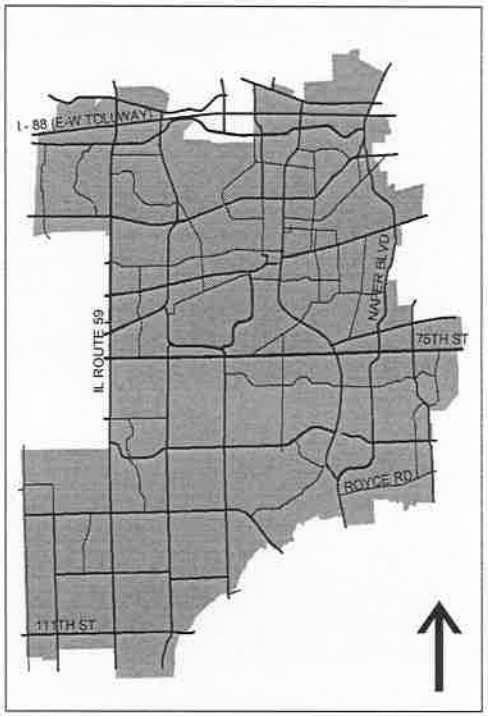
This project supports the provision of water service to new customers as a demonstration of Naperville's commitment to provide essential services.

Criteria **WF Number:** Multiple - TBD

New Development, Utility Relocation, Legally Required

Project Narrative:

This project is to pay for the relocation of existing water utility infrastructure located within the public Right-of-Way whereby the jurisdictional agency has requested our utility to relocate these facilities due to conflicts with pending city, state, county, or tollway roadway improvements. Major projects include Route 59 from I-88 to Aurora Avenue, 95th Street extension and North Aurora Road west of Route 59.



External Funding Sources Available

None

Projected Timetable

Throughout the 5-year CIP, as required by the State or County.

Impact on Operating Budget

No additional personnel; nominal operating and maintenance expenses anticipated.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Water Utility	125,000	125,000	124,999	125,000	0	500,000
Subtotal	125,000	125,000	124,999	125,000	0	500,000
					Prior Year(s) Expenditures	2,167,061
					Total All Sources	2,667,061

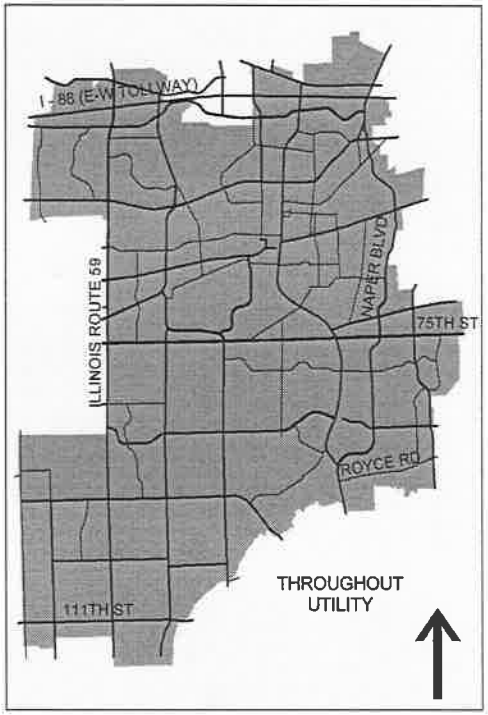
Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Benefits	37,500	0	2,207	0	0	0	0	0	0
Construction	1,815,573	173,000	22,163	123,000	122,940	123,939	123,908	0	493,786
Engineering	38,575	2,000	0	2,000	2,060	1,061	1,093	0	6,214
Salaries	121,031	0	7,077	0	0	0	0	0	0
Services	104,733	0	18,203	0	0	0	0	0	0
Subtotal	2,117,411	175,000	49,650	125,000	125,000	124,999	125,000	0	500,000
								Prior Year(s) Expenditures	2,167,061
								Total Project Cost	2,667,061

Project Number: WU08 **Project Title:** Water Main Oversizing Payments - New Developments
Department Name: Water/ Wastewater **CIP Status:** Annual **Category Code:** A **Sector:** Various
Criteria New Development **WF Number:** TBD

Project Purpose:
This project supports the provision of water service to new customers as a demonstration of Naperville's commitment to provide essential services.

Project Narrative:
Some water main extensions in new developments throughout the utility service area are oversized from 8" to 12" diameter in accordance with the City's Master Water Utility Plan. Payments are made to the developer for the incremental costs for water main oversizing to serve offsite developments. Oversizing payments are anticipated in FY15-16 to serve the new Science Center at North Central College.



External Funding Sources Available
None

Projected Timetable
Ongoing, as requested by developers.

Impact on Operating Budget
Nominal impact on operating and maintenance budget.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Water Utility	100,000	25,000	25,000	25,001	25,000	200,001
Subtotal	100,000	25,000	25,000	25,001	25,000	200,001
					Prior Year(s) Expenditures	0
					Total All Sources	200,001

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	55,000	0	100,000	25,000	25,000	25,001	25,000	200,001
Services	0	0	0	0	0	0	0	0	0
Subtotal	0	55,000	0	100,000	25,000	25,000	25,001	25,000	200,001
								Prior Year(s) Expenditures	0
								Total Project Cost	200,001

Project Number: WU10 **Project Title:** Water Distribution System - Additions/Extensions

Department Name: Water/ Wastewater **CIP Status:** Annual **Category Code:** A **Sector:** Various

Criteria New Development **WF Number:** Various - TBD

Project Purpose:

This project supports the provision of water utility service to new customers as a demonstration of the City of Naperville's commitment to provide essential services.

Project Narrative:

This project is for the engineering and construction of various water main additions and/or extensions that are needed throughout the City in accordance with the City's Master Water Utility Plan. Project WU10 has multiple subprojects that are needed to expand the system to accommodate new customers in the remaining growth areas and to provide improved transmission capacity in critical service areas. The major project planned for FY15-16 is a water main upgrade/extension on Main Street between Franklin and Benton. The balance of the FY15-16 budget is for small unidentified water main additions/extensions needed to improve fire protection and/or water quality/pressure. Annual funding estimates are based on City's Master plan and development activity. Project budget will be adjusted in future years based on system needs.

External Funding Sources Available

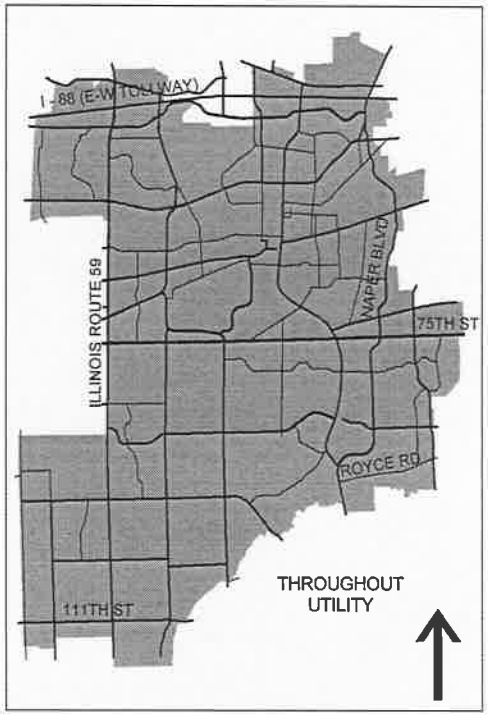
None

Projected Timetable

Engineering and construction ongoing as new water main additions and extensions are needed.

Impact on Operating Budget

No new personnel; Nominal impact on system operations & maintenance budget.



Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Water Utility	250,000	250,000	750,000	1,265,000	1,100,000	3,615,000
Subtotal	250,000	250,000	750,000	1,265,000	1,100,000	3,615,000
					Prior Year(s) Expenditures	3,472,837
					Total All Sources	7,087,837

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Benefits	60,724	0	4	0	0	0	0	0	0
Construction	3,208,666	497,000	26,636	248,000	247,940	744,696	1,255,165	1,090,996	3,586,797
Engineering	0	3,000	0	2,000	2,060	5,305	9,835	9,004	28,203
Salaries	176,565	0	19	0	0	0	0	0	0
Services	0	0	0	0	0	0	0	0	0
Supplies	225	0	0	0	0	0	0	0	0
Subtotal	3,446,179	500,000	26,658	250,000	250,000	750,000	1,265,000	1,100,000	3,615,000
								Prior Year(s) Expenditures	3,472,837
								Total Project Cost	7,087,837

Project Number: WU19 **Project Title:** Water Metering Additions - New

Department Name: Water/ Wastewater **CIP Status:** Annual **Category Code:** A **Sector:** Various

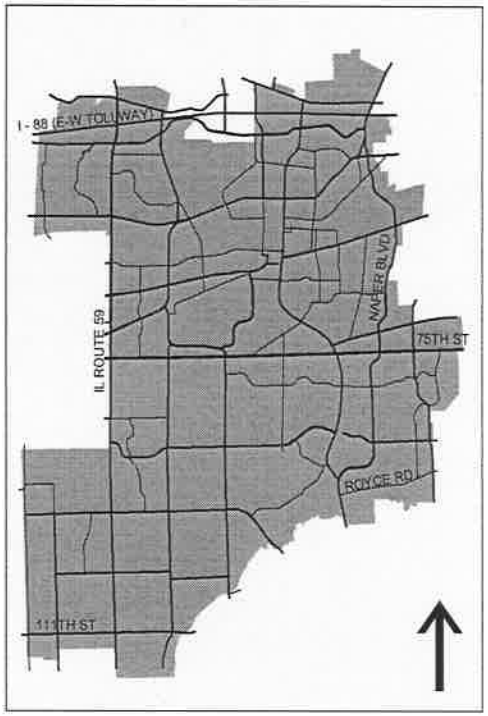
Criteria New Development **WF Number:** TBD

Project Purpose:

This project supports the provision of water service to new customers as a demonstration of Naperville's commitment to provide essential services.

Project Narrative:

This project provides for the installation of various size water meters in newly constructed commercial and residential properties. New meters will be compatible with AMR/AMI system.



External Funding Sources Available

Project fully funded from permit fees

Projected Timetable

New meters to be installed as required to meet customer demand.

Impact on Operating Budget

The addition of new water meters to the system incrementally increases meter testing & repair costs. The impact of a single year's additions is insignificant in comparison to the overall meter-related workload.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Developer Contribution	125,000	125,000	124,999	125,000	125,000	625,000
Subtotal	125,000	125,000	124,999	125,000	125,000	625,000
					Prior Year(s) Expenditures	1,118,819
					Total All Sources	1,743,818

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Benefits	70,275	0	4,837	0	0	0	0	0	0
Construction	330,670	75,000	0	125,000	125,000	124,999	125,000	125,000	625,000
Salaries	216,337	0	12,705	0	0	0	0	0	0
Services	23,577	0	0	0	0	0	0	0	0
Supplies	368,497	0	91,920	0	0	0	0	0	0
Subtotal	1,009,357	75,000	109,462	125,000	125,000	124,999	125,000	125,000	625,000
								Prior Year(s) Expenditures	1,118,819
								Total Project Cost	1,743,818

Project Number: WU20 **Project Title:** Water Metering Replacement

Department Name: Water/ Wastewater **CIP Status:** Annual **Category Code:** A **Sector:** Various

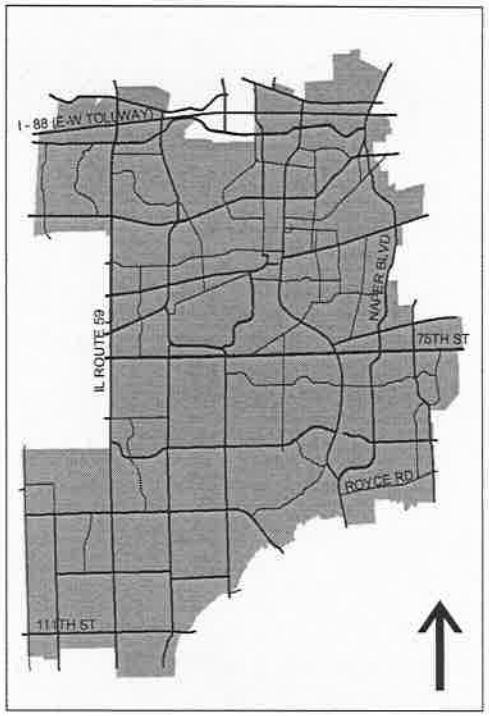
Criteria Infrastructure Replacement/Renewal **WF Number:** TBD

Project Purpose:

This project supports the delivery of municipal services that are reliable and responsive to the needs of the citizens by updating essential utility infrastructure.

Project Narrative:

This project provides for planned replacement of older water meters. Analysis has shown that water meters in Naperville fail to meet AWWA registration standards when in service longer than 16 years. Planned replacement of water meters is necessary to accurately bill customers and insure sufficient revenues to the utility.



External Funding Sources Available

None

Projected Timetable

This project will utilize contractor services and in-house labor to replace approximately 17,300 water meters between FY16 and FY20.

Impact on Operating Budget

Based on test results from older water meters recently removed from service. Each meter replacement is expected to generate approximately $40 per year in new revenues. The average life of a water meter is 16-20 years.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	(27,417)	(82,252)	(137,086)	(191,921)	(246,755)	(685,431)
Subtotal	(27,417)	(82,252)	(137,086)	(191,921)	(246,755)	(685,431)
					Prior Year(s) Impact	0
					Total Project Impact	(685,431)

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Water Utility	750,000	750,000	750,000	750,000	750,000	3,749,999
Subtotal	750,000	750,000	750,000	750,000	750,000	3,749,999
					Prior Year(s) Expenditures	3,253,886
					Total All Sources	7,003,886

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Benefits	145,862	0	5,009	0	0	0	0	0	0
Construction	1,333,363	225,000	74,700	750,000	750,000	750,000	750,000	750,000	3,749,999
Salaries	431,801	0	12,456	0	0	0	0	0	0
Services	82,499	0	150	0	0	0	0	0	0
Supplies	1,066,106	0	101,940	0	0	0	0	0	0
Subtotal	3,059,632	225,000	194,254	750,000	750,000	750,000	750,000	750,000	3,749,999
								Prior Year(s) Expenditures	3,253,886
								Total Project Cost	7,003,886

Project Number: WU29 **Project Title:** Emergency Standby Well Rehabilitation

Department Name: Water/ Wastewater **CIP Status:** Recurring

Category Code: A **Sector:** Various

Criteria **WF Number:** TBD

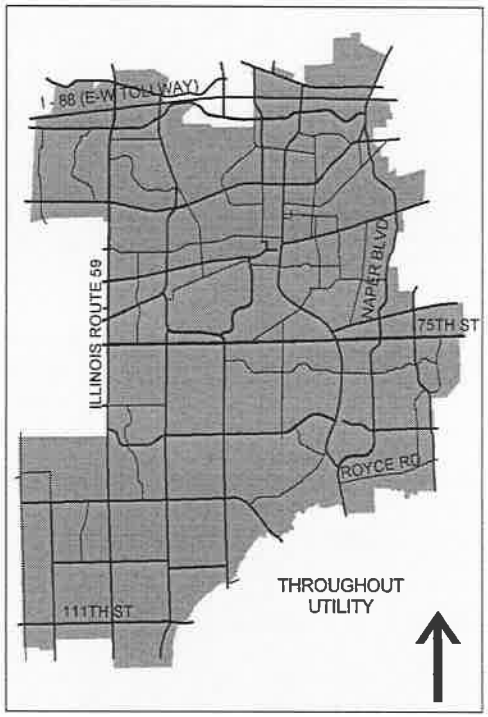
Reliability Improvements/Upgrades

Project Purpose:

This project supports the delivery of municipal utility services that are responsive to the needs of the citizens by providing exemplary public safety.

Project Narrative:

This project is for the rehabilitation of the City's 8 remaining standby wells. The project includes replacement of old pumps and motors and electrical gear, in addition to rehabilitation of the well downhole which includes the removal of accumulated sand. Replacement of old equipment and rehabilitation of the downhole is estimated at $275,000 per year for 8 years (FY13 through FY20). Total annual O&M costs to operate and test all 8 wells is approximately $600,000 per year.



External Funding Sources Available

None

Projected Timetable

Construction: ongoing through FY20 until all 8 remaining wells have been refurbished.

Impact on Operating Budget

No new personnel; nominal impact on operations & maintenance budget.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Water Utility	275,000	275,000	275,000	275,000	275,000	1,375,000
Subtotal	275,000	275,000	275,000	275,000	275,000	1,375,000
					Prior Year(s) Expenditures	454,908
					Total All Sources	1,829,908

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Benefits	3,748	0	413	0	0	0	0	0	0
Construction	415,875	275,000	6,913	275,000	275,000	275,000	275,000	275,000	1,375,000
Salaries	10,855	0	1,553	0	0	0	0	0	0
Services	7,221	0	8,330	0	0	0	0	0	0
Subtotal	437,699	275,000	17,210	275,000	275,000	275,000	275,000	275,000	1,375,000
								Prior Year(s) Expenditures	454,908
								Total Project Cost	1,829,908

Project Number: WWU05 **Project Title:** Wastewater Utility Infrastructure Relocation - Various Locations

Department Name: Water/ Wastewater **CIP Status:** Changed - Recurring **Category Code:** LR **Sector:** Various

Project Purpose:

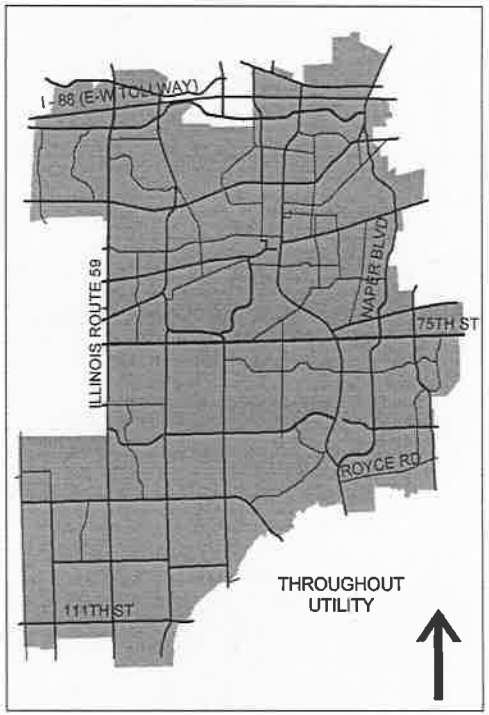
This project supports the provision of water service to new customers as a demonstration of Naperville's commitment to provide essential services.

Criteria **WF Number:** TBD

New Development, Utility Relocation, Legally Required

Project Narrative:

This project is to pay for the relocation of existing wastewater utility infrastructure located within the public right-of-way whereby the jurisdictional agency has requested our utility to relocate these facilities due to conflicts with pending City, State County, or Tollway roadway improvements. The three major projects known at this time are Route 59 from Ferry Road to Aurora Avenue, 95th Street Extension and North Aurora Road west of Route 59.



External Funding Sources Available

None

Projected Timetable

Throughout the fiscal year, as required by the State or County.

Impact on Operating Budget

No additional personnel; nominal operating & maintenance expenses anticipated.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Water Utility	75,000	50,000	50,000	50,000	50,000	275,000
Subtotal	75,000	50,000	50,000	50,000	50,000	275,000
					Prior Year(s) Expenditures	979,481
					Total All Sources	1,254,481

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Benefits	21,714	0	33	0	0	0	0	0	0
Construction	808,244	74,000	26,918	74,000	48,970	48,939	48,907	48,874	269,691
Engineering	0	1,000	0	1,000	1,030	1,061	1,093	1,126	5,309
Salaries	66,133	0	159	0	0	0	0	0	0
Services	51,048	0	5,232	0	0	0	0	0	0
Subtotal	947,139	75,000	32,342	75,000	50,000	50,000	50,000	50,000	275,000
								Prior Year(s) Expenditures	979,481
								Total Project Cost	1,254,481

Project Number: WWU06 **Project Title:** Sanitary Sewer System Rehab/Replacement-Interceptors/Trunk Sewers/Mainlines & Services

Department Name: Water/ Wastewater **CIP Status:** Annual **Category Code:** A **Sector:** Various

Project Purpose:

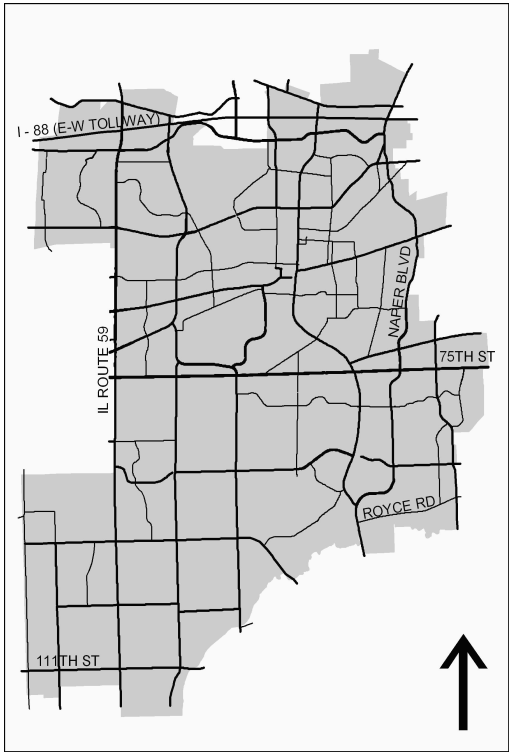
This project is for the preservation of existing essential sanitary sewer system assets by rehabilitating (lining) sanitary sewer system infrastructure in targeted areas that are known to have high levels of groundwater infiltration.

Criteria **WF Number:** TBD

New Development, Infrastructure Replacement/Renewal, Reliability Improvements/Upgrades

Project Narrative:

This project consists of ongoing investigation and rehabilitation of deteriorated sanitary interceptor, trunk, mainline and service lateral sewers in areas known to have significant groundwater infiltration using a trenchless technology process on a system-wide basis. The budget increase in FY16-17 and FY17-18 relates to the needed rehabilitation/replacement of the large sanitary interceptor sewer running through Springbrook Prairie Forest Preserve. Recent televising and cleaning revealed considerable deterioration along the 1.5 mile stretch of the 42-inch sanitary sewer. This interceptor sewer was installed in the early/mid-1970s and it has never had any rehabilitation work.



External Funding Sources Available

None

Projected Timetable

This project will rehabilitate approximately 15,000 linear feet of main line sewers and 150 sewer service laterals annually.

Impact on Operating Budget

No significant impact on the operating budget is anticipated in the immediate future, although there will be reductions in wastewater treatment expenses due to the ongoing elimination of active groundwater leaks.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Water Utility	2,600,000	4,800,000	4,946,955	2,445,363	2,443,725	17,236,044
Subtotal	2,600,000	4,800,000	4,946,955	2,445,363	2,443,725	17,236,044
					Prior Year(s) Expenditures	9,252,895
					Total All Sources	26,488,939

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Benefits	139,544	0	46,108	0	0	0	0	0	0
Construction	5,601,543	2,200,000	2,888,901	2,600,000	4,800,000	4,946,955	2,445,363	2,443,725	17,236,044
Salaries	284,362	0	80,132	0	0	0	0	0	0
Services	63,772	0	49,675	0	0	0	0	0	0
Supplies	64,144	0	34,716	0	0	0	0	0	0
Subtotal	6,153,365	2,200,000	3,099,530	2,600,000	4,800,000	4,946,955	2,445,363	2,443,725	17,236,044
								Prior Year(s) Expenditures	9,252,895
								Total Project Cost	26,488,939

Project Number: WWU09 **Project Title:** Sanitary Sewer Oversizing Payments - New Developments

Department Name: Water/ Wastewater **CIP Status:** Annual **Category Code:** A **Sector:** Southwest

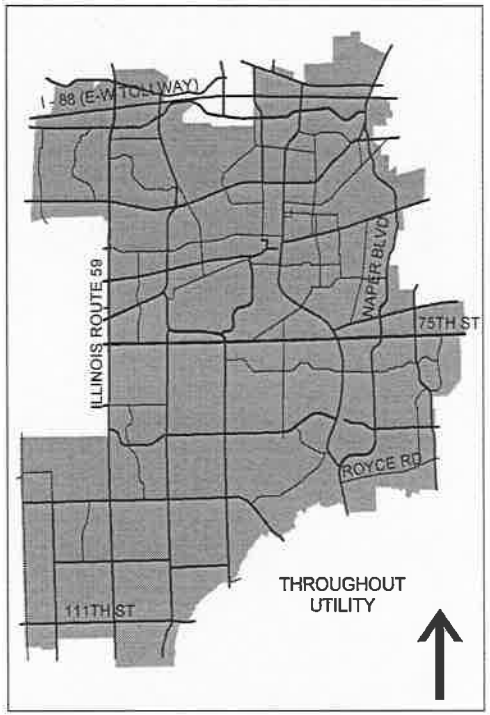
Project Purpose:

This project supports the provision of wastewater service to new customers as a demonstration of Naperville's commitment to provide essential services.

Criteria New Development **WF Number:** TBD

Project Narrative:

Some sanitary sewer extensions in new developments throughout the utility service area are oversized from 8" to larger sizes and deepened from standard depth of 9 to 12 feet to greater depths for offsite capacity in accordance with the City's Master Wastewater Utility Plan. Payments are made to the developer for the incremental costs of sanitary sewer oversizing and deepening. Oversizing payments are anticipated in FY15-16 for the final phases of the Ashwood developments.



External Funding Sources Available

None

Projected Timetable

Ongoing, as requested by developers.

Impact on Operating Budget

No impact on operations & maintenance budget.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Water Utility	50,000	25,000	25,000	25,001	25,000	150,001
Subtotal	50,000	25,000	25,000	25,001	25,000	150,001
					Prior Year(s) Expenditures	394,670
					Total All Sources	544,671

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	394,670	163,000	0	50,000	25,000	25,000	25,001	25,000	150,001
Services	0	0	0	0	0	0	0	0	0
Subtotal	394,670	163,000	0	50,000	25,000	25,000	25,001	25,000	150,001
								Prior Year(s) Expenditures	394,670
								Total Project Cost	544,671

Project Number: WWU10 **Project Title:** Sanitary Sewer Capacity Improvements

Department Name: Water/ Wastewater **CIP Status:** Recurring **Category Code:** A **Sector:** Various

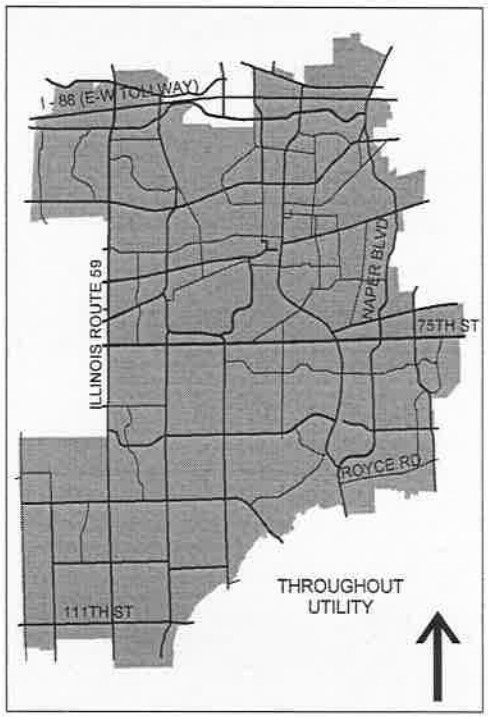
Criteria New Development, Reliability Improvements/Upgrades **WF Number:** TBD

Project Purpose:

The project supports the delivery of municipal services to customers as a demonstration of Naperville's commitment to provide essential services.

Project Narrative:

The hydraulic capacity analysis of the sanitary sewer system is being finalized. Preliminary results indicate that some sanitary sewers that are undersized and/or do not have the capacity to convey current/future peak flows. This project will replace undersized sewers to eliminate sewer back ups into basements and prevent illicit discharges. Final project locations to be determined. The budget increase in FY15-16 is due to the replacement of the sanitary sewer on Porter Avenue.



External Funding Sources Available

None

Projected Timetable

Engineering and construction planned annually.

Impact on Operating Budget

Nominal impact on system operating & maintenance budget.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Water Utility	900,000	100,000	100,000	100,000	100,000	1,300,000
Subtotal	900,000	100,000	100,000	100,000	100,000	1,300,000
					Prior Year(s) Expenditures	169,035
					Total All Sources	1,469,035

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Benefits	8,766	0	46	0	0	0	0	0	0
Construction	119,652	99,000	0	890,000	97,940	98,940	98,907	98,875	1,284,661
Engineering	0	1,000	0	10,000	2,060	1,061	1,093	1,126	15,339
Salaries	25,665	0	233	0	0	0	0	0	0
Services	14,672	0	0	0	0	0	0	0	0
Subtotal	168,756	100,000	280	900,000	100,000	100,000	100,000	100,000	1,300,000
								Prior Year(s) Expenditures	169,035
								Total Project Cost	1,469,035

Project Number: WWU34 **Project Title:** Sanitary Sewer Lift Station Rehabilitation Program

Department Name: Water/ Wastewater **CIP Status:** Annual **Category Code:** A **Sector:** Various

Criteria **WF Number:** Multiple - TBD

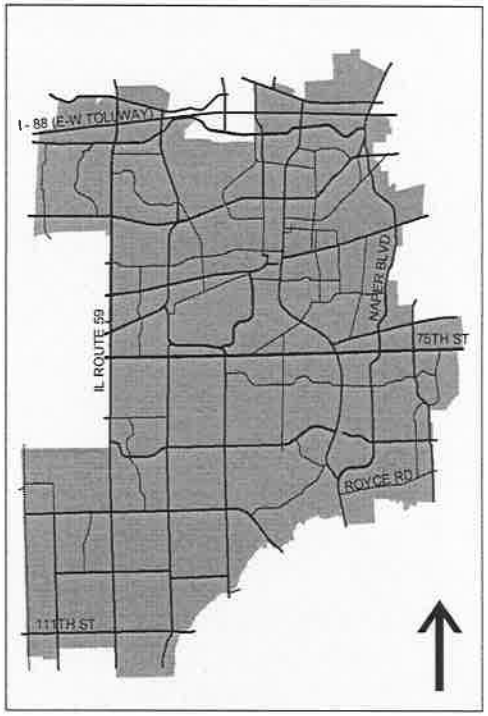
Infrastructure Replacement/Renewal, Reliability Improvements/Upgrades

Project Purpose:

This project supports the delivery of municipal services that are reliable and responsive to the needs of the citizens by maintaining the utility infrastructure.

Project Narrative:

This project will annually rehabilitate one of the City's 21 sanitary sewer lift stations which are in need of renewal due to a number of factors including age of existing pumps and controls and corrosion of some of the underground metal structures. Many of the pumps have reached the end of their projected lifespan and are becoming unreliable, and some of the lift station emergency generators are obsolete, with repair parts no longer available. This project will also provide for replacement of major components at lift stations that are not scheduled for complete rehabilitation, as well as ongoing SCADA upgrades.



External Funding Sources Available

None

Projected Timetable

This project will rehabilitate one lift station per fiscal year. The Rivermist pump station will be rehabilitated in FY 2015-16, along with SCADA upgrades at all lift stations and replacement of components at other lift stations as required to maintain ongoing operations.

Impact on Operating Budget

Ongoing routine maintenance costs will continue without significant change. This project will reduce the occurrence of unplanned repairs and increase pumping efficiency, enabling DPU-W to gradually decrease annual operating expenditures.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Water Utility	710,000	460,000	660,000	460,000	385,001	2,675,000
Subtotal	710,000	460,000	660,000	460,000	385,001	2,675,000
					Prior Year(s) Expenditures	2,898,432
					Total All Sources	5,573,432

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Benefits	58,487	0	11,651	0	0	0	0	0	0
Construction	1,749,024	450,000	757,111	710,000	460,000	660,000	460,000	385,001	2,675,000
Salaries	178,357	0	35,264	0	0	0	0	0	0
Services	63,964	0	8,695	0	0	0	0	0	0
Supplies	35,879	0	0	0	0	0	0	0	0
Subtotal	2,085,711	450,000	812,721	710,000	460,000	660,000	460,000	385,001	2,675,000
								Prior Year(s) Expenditures	2,898,432
								Total Project Cost	5,573,432

Appendix A

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Project Number: WWU36 **Project Title:** Treatment Plant - Upgrades & Improvements
Department Name: Water/ Wastewater **CIP Status:** Appendix A **Category Code:** A **Sector:** Southeast
Criteria Infrastructure Replacement/Renewal **WF Number:** TBD

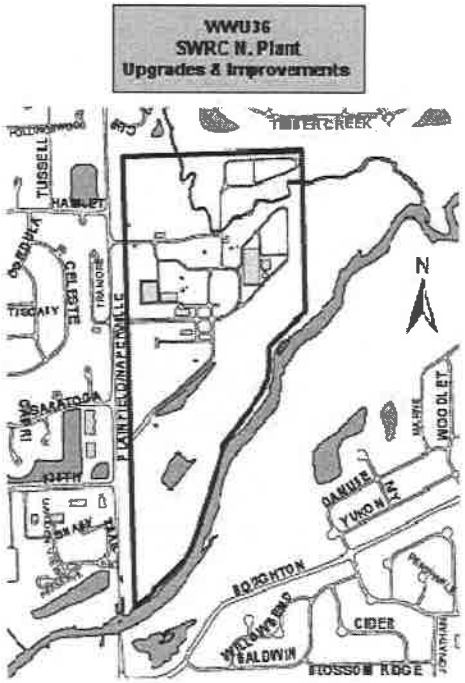
Project Purpose:
This project supports Naperville's commitment to provide essential services to the residents.

Project Narrative:
This project proposes to upgrade the Springbrook Water Reclamation Plant grit removal and Return Activated Sludge (RAS) systems which are undersized to meet average daily, wet weather and process flow requirements. These improvements will upgrade and/or replace the existing systems that have been in operation since the plant's original construction and are no longer adequately sized to meet the incoming wastewater and/or process flow requirements. The project proposes to upgrade and replace the existing grit removal system including grit washing and odorless deposition of inorganic materials. In addition to the grit removal system the project includes capacity upgrades of the RAS system. The improvements will be sized for the ultimate build-out population of the City and wastewater service area.

External Funding Sources Available
None

Projected Timetable
Preliminary and final engineering completed in FY13-14 and FY14-15. Construction scheduled for FY14-15.

Impact on Operating Budget
No new personnel; nominal impact on operations & maintenance budget.



Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Subtotal	0	0	0	0	0	0
					Prior Year(s) Expenditures	6,727,665
					Total All Sources	6,727,665

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Benefits	23,199	0	13,267	0	0	0	0	0	0
Construction	906,767	3,085,000	5,407,691	0	0	0	0	0	0
Engineering	0	15,000	0	0	0	0	0	0	0
Salaries	76,751	0	46,052	0	0	0	0	0	0
Services	12,929	0	237,890	0	0	0	0	0	0
Supplies	0	0	3,120	0	0	0	0	0	0
Subtotal	1,019,646	3,100,000	5,708,019	0	0	0	0	0	0
								Prior Year(s) Expenditures	6,727,665
								Total Project Cost	6,727,665

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Electric

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CIP Executive Summaries

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FY 2016-2020 CIP
Department of Public Utilities-Electric
Executive Summary

Fiscal Year 2014 - 2015 Summary and Highlights

EU12 - Electrical System Relocations –
Route 59 Widening Project – Relocation of, and additions to, the duct bank system along Route 59 from Jefferson Street to North Aurora Road have been completed. This relocation included spot relocations of various equipment and conductors from Ferry Road to Aurora Avenue. This relocation was necessary to remove conflicts for the upcoming road widening project.
95th Street and Plainfield-Naperville Road Improvements – Construction was completed to relocate electrical facilities in conflict with this road improvement project on the 95th Street portion of this project. Construction for the Plainfield-Naperville Road segment is anticipated in Spring 2015.

EU13 - Underground Conduit (Duct Bank) Additions – Duct bank construction was deferred due to the Utility's financial situation. Engineering has been completed for the Kmart Duct Bank, which will allow restoration of service reliability in this part of town by replacing/upgrading aging direct buried feeders, and provide another link in the Department of Public utilities-Electric (DPU-E) long range plan to connect Indian Hill and Chicago Substations.

Engineering has also been completed for the Ogden Avenue to River Road Duct Bank. This project will allow for maintenance of the 12.47kV tie and backup 34kV tie between Jefferson and Tollway Substations. Removal of the aging overhead line along the BNSF tracks can then take place, as it is becoming increasingly inaccessible due to development. This will provide the facilities to serve the Illinois Department of Transportation (IDOT) maintenance yard in the future.

EU14 – Underground Cable (Feeders) Additions – Underground feeder construction was deferred due to the Utility's financial situation.

EU22 – Substation Emergency Repair/Replacement Items – This year the utility procured two 34.5kV disconnect switches to replace failed equipment at Tollway Substation.

EU44 - Fiber Optic Cable for 138kV Relay - These projects continue to establish and enhance communication infrastructure for all utility communication needs such as Supervisory Control and Data Acquisition (SCADA), protective relay operation, Distribution Automation (DA), Substation Automation (SA), and Automated Meter Infrastructure (AMI). Additional digital media upgrades included Internet Protocol telephony, Metropolitan Area Network (MAN) access, and substation security communications. Final installation of new communication cards for protection of 138kV lines to be performed in FY 15 and FY 16. These enhancements allowed for the removal of obsolete Focus Units at substations. Upgrades have been completed to improve and support communications for the Conservation Voltage Reduction (CVR) project and Substation Automation Systems. The Video security pilot has been completed at Tollway Substation. The Meadows to Ranchview fiber installation is complete, which allows diverse paths for relay and SCADA communications from Modaff to Meadows Substations and Royce to Meadows Substations. This fiber link will be instrumental in providing a future link to Cinnamon Creek Lift Station for Department of Public Utilities-Water (DPU-W) SCADA.

EU47 – 138kV Relay Improvements – This project has been deferred due to the Utility's financial position.

EU49 - Distribution Automation/Automatic Sectionalizing - Distribution Automation (DA) equipment continues to be deployed on all major feeders. Automatic reconfiguration reduces outage time and minimizes the number of affected customers during a power failure. Work included ensuring that all automation control cabinets were upgraded to meet current specifications. Three DA teams have been upgraded to new 5802 controllers. The existing 2852 controllers for these DA's have been tested and are in storage should emergency repairs arise during FY 16. This upgrade will continue in the future until all DA Teams have been updated to the 5802 controller.

EU52 - Residential Underground Cable Replacement Program –
Willoway and Brush Hill Subdivisions- This work combined cable injection along with standard replacement of primary and secondary cables in these subdivisions in order to improve reliability. This work was done in phases starting Spring 2009. The Electric Utility's financial position dictated that work in these subdivisions be temporarily suspended.
Brook Crossing Subdivision – Cable injection was completed in this subdivision in May 2012. Engineering has been completed for reconfiguring /replacing the cable that can't be injected. Further construction is temporarily suspended due to financial constraints.
University Heights – Cable injection was completed in December 2013. Engineering has been completed for reconfiguring /replacing the cable that can't be injected. Further construction is temporarily suspended due to financial constraints.
Maplebrook East Subdivision – Engineering Complete
Mill Crossing Condos - Engineering Complete
Buttonwood/Countryside Subdivisions – Engineering Complete
Columbia Estates Subdivision - Engineering Complete

EU57 – Substation Automation System (SAS) – In order to reduce power purchase costs and improve grid efficiency, deployment of a Conservation Voltage Reduction (CVR) program is underway. Procurement of CVR Software and integration has been completed and the project is now in its pilot phase at Meadows Substation. Additionally, installation of new Load Tap Changer (LTC) controllers on all Department of Public Utilities-Electric (DPU-E) substation power transformers have been completed by DPU-E crews.

EU66 - Fiber Optic Cable for Metropolitan Area Network (MAN) - The Metropolitan Area Network (MAN) is the expansion of the electrical substations' fiber optic network to meet the needs of other city departments including Department of Public Utilities-Water (DPU-W), libraries, and potentially the park district and school districts. Three additional locations were added this year: South Operations Center (SOC), North Operations Center (NOC), and Water Service Center (WSC) for a total of eighteen DPU-W Supervisory Control and Data Acquisition (SCADA) locations. The goal of this project is to leverage the City's existing fiber optic network to provide significant cost savings and reliable communications to the entities involved. Major long-term benefits of the Citywide Metropolitan Area Network include:

- Cost sharing and reduction in Internet cost charges.
- Connectivity between City facilities, libraries, and universities and potentially between Naperville elementary and high schools.
- Connectivity to other communities for emergency management and sharing of resources.

EU76 – Route 59 138kV Transmission Line Relocation – Engineering for relocation design is complete. The Illinois Department of Transportation (IDOT) acquired the necessary right of way. Foundation construction was completed in November 2013 and steel pole erection was completed in February 2014. The project is complete from an Electric Utility perspective.

EU78 – Supervisory Control and Data Acquisition (SCADA) – This project has been deferred due to the Utility's financial position.

Fiscal Year 2016 - 2020 Summary

FY 16 Capital Improvement Program (CIP) will be capped at $4.2 Million due to the Electric Utility's current negative cash position. FY 17 thru FY 20 are currently capped at $12 Million per year, but a CIP System Valuation study will be completed in FY 16 to establish the appropriate amount of Capital work to be performed on an annual basis beginning in FY17. The goal is to be fiscally responsible to customers, yet provide continued system reliability and competitive electric rates. Note that these capital costs include various City-wide projects costs partially funded by the Electric Utility (over $600,000 in FY 16).

EU05 - Overhead Transmission & Distribution Replacements – In FY 16, repairs of the overhead distribution system to maintain service and projects required to accommodate teardowns/rebuilds will be completed. In future years, selected areas of the overhead distribution system will be replaced or upgraded to maintain or improve reliability and to increase load capacity to serve customers. $100,000 is requested for this project in FY16.

EU06 - Underground Transmission and Distribution Additions-Off Site - Infrastructure additions to underground transmission and distribution systems continue to facilitate new commercial and residential development at Water Street and various other locations around the city. $400,000 is requested for this project in FY16.

EU07 - Underground Transmission and Distribution Replacements – In FY 16, failing aged cables, transformers, switches and other equipment required to maintain service to customers will be replaced. Replacement of failed cables includes the installation of new conduit and cable. In future years, select areas of the underground distribution system will be replaced or upgraded to maintain or improve reliability. $1,000,000 is requested for this project in FY16.

EU12 - Electrical System Relocations – This project supports coordination of intergovernmental projects in joint efforts with the City, County, and State in order to make improvements to infrastructure and to minimize the impact of electrical facilities that are to be relocated. Projects include 95th Street/Plainfield-Naperville Road Improvements, Water Street

Development, 5th Avenue Train Station, Ogden Intersection Improvements, and other locations as required. $500,000 is requested for this project in FY16.

EU14 - Underground Cable (Feeder) Additions – In FY 16, only sections of feeders that have multiple outages will be replaced to maintain reliability of service to customers. In future years, additional feeders will be planned in anticipation of load growth and improved distribution of existing load. $100,000 is budgeted in FY16.

EU44 - Fiber Optic Cable for 138kV Relay - These projects continue to establish and enhance communication infrastructure for all utility communication needs such as Supervisory Control and Data Acquisition (SCADA), protective relay operation, Distribution Automation (DA), Substation Automation (SA), and Automated Metering Infrastructure (AMI). Additional digital media upgrades included Internet Protocol telephony, Metropolitan Area Network (MAN) access, and substation security communications. In FY 17 several Multiplexer OC48 upgrades are planned with Cyber Secure Service Units (CSSU) being installed at all locations to meet North American Electric Reliability Corporation (NERC) requirements. The Junglemux Vistanet server for the Network Management System (NMS) will be needing replacement at this time. AMI backhaul locations that are engineered in FY 16 are to be installed in FY 17. $0 is requested for this project in FY 16 and $478,950 (inflated) is budgeted in FY 17.

EU49 - Distribution Automation/Automatic Sectionalizing – Distribution Automation (DA) - This project provides automatic 12.5kV feeder reconfiguration after a power line disturbance has occurred by means of isolating a faulted section of the feeder. Automatic reconfiguration reduces downtime and minimizes the number of affected customers during a power failure. Beginning in FY 17, replacement of two (2) switch controllers will be completed each year due to modules being fifteen (15) years old and no longer supported by manufacturer. Old units will be retained to use in event of failure of other old controllers still in service. FY 17 will be the 2nd year of a 5-year replacement program, if necessary. $0 is requested for this project in FY16 and $180,250 (inflated) is budgeted in FY 17.

EU57 – Substation Automation System (SAS) – Automation systems installed at Department of Public Utilities-Electric (DPU-E) substations allow various devices within the substation to communicate with each other as well as providing a secure method for system controllers and engineering personnel to access information from relays and other Intelligent Electronic Devices inside the substation. No funds are requested for FY 16, and in future years, communication equipment and 12kV relay systems will be upgraded to maintain or improve reliability. $309,000 (inflated) is budgeted for this project in FY 17.

EU66 - Fiber Optic Cable for Metropolitan Area Network (MAN) - The Metropolitan Area Network (MAN) is the expansion of the electrical substations' fiber optic network to meet the needs of other city departments including Department of Public utilities-Water (DPU-W), libraries, Aurora-Naperville fiber link, and potentially the park district and school districts. The goal of this project is to leverage the City's existing fiber optic network to provide significant cost savings and reliable communications to the entities involved. The Department of Public Utilities-Electric (DPU-E) will be expanding the existing network to accommodate eleven DPU-W Wastewater Lift stations over a three-year period. Major long-term benefits of the Citywide Metropolitan Area Network include:

- Cost sharing and reduction in Internet cost charges.
- Connectivity between City facilities, libraries, and universities and potentially between Naperville elementary and high schools.
- Connectivity to other communities for emergency management and sharing of resources.

$0 is requested for this project in FY16 and $103,000 (inflated) is budgeted for FY 17.

EU78 – Supervisory Control and Data Acquisition (SCADA) – This project improves the reliability of service to customers by using the Supervisory Control and Data Acquisition (SCADA) system to monitor and control the substation electrical system. The key components include the master station and workstations located in the Electric Service Center (ESC), and the Remote Terminal Units (RTU) located at each of the 16 Substations. Key components also include the accompanying interfacing equipment such as the video wall, servers, radios, sensors, switches, and all other equipment for use in real-time monitoring and control of the substations. Projects planned for FY 17 include the upgrades of automation system controllers at Springbrook and Route 59 substations. $0 is requested for this project in FY 16 and $334,750 (inflated) is budgeted for FY 17.

EU79 - Substation Power Transformer Replacement - Naperville has a total of 16 substations with an average of 2 power transformers per station. Some power transformers on the system are 40-50 years old and are approaching the end of their useful life. These power transformers are essential to providing power to each and every Naperville customer. Funds are being budgeted for the replacement of one transformer in FY16 (Lucent) $650,000, and the replacement process will continue for 8 years thereafter. Due to other budget priorities FY18 and FY19 are being unfunded at this time.

EU83 – Substation Flood Protection – This project will ensure electrical system reliability by installing flood prevention measures at Ogden, Modaff, Route 59 and Springbrook substations. These stations experienced significant flooding during 2013. $300,000 (uninflated) is requested each year for FY 17, 18, 19, and $200,000 (uninflated) for FY 20.

FY 2016-2020 CIP
Department of Public Utilities-Electric
Executive Summary

Departmental Criteria

Category 1: New Development

Projects that serve new development and increased customer electric demand (Load Growth):

- Service and meters for new and existing customers.
- Facility installations for new and existing customers.
- Substation, transmission, and distribution additions and modifications.

Category 2: Infrastructure Replacement

Projects that are needed to replace deteriorated infrastructure that may not improve reliability:

- Infrastructure replacement.
- Some cable replacement program projects.
- Overloaded circuit improvement.

(To keep operation and maintenance costs steady)

Category 3: Reliability Improvements

Projects needed to enhance customer satisfaction by improving the electrical system reliability:

- Looped infrastructure service projects that create alternate sources of electricity in the event that the primary source is out of service.
- Automatic circuit reconfiguration projects that detect trouble spots and re-route power to the customer.
- Projects that shorten the duration of an outage that a customer may experience.

Category 4: Utility Relocation

Projects needed to relocate existing electric utility infrastructure so that other projects can proceed. Projects are often mandated and reduce customer inconvenience for traffic and landscape restoration.

Involves coordination with:

A) City of Naperville
B) County
C) State
D) Developers
E) Others as requested

Category 5: Technology Projects

Projects that are technology related:

- Utility fiber-optic communication network.
- Smart Grid projects
- GIS
- Support of citywide technology projects.

Category 6: Legally Required Projects

Department of Public Utilities - Electric
FY16 Proposed CIP

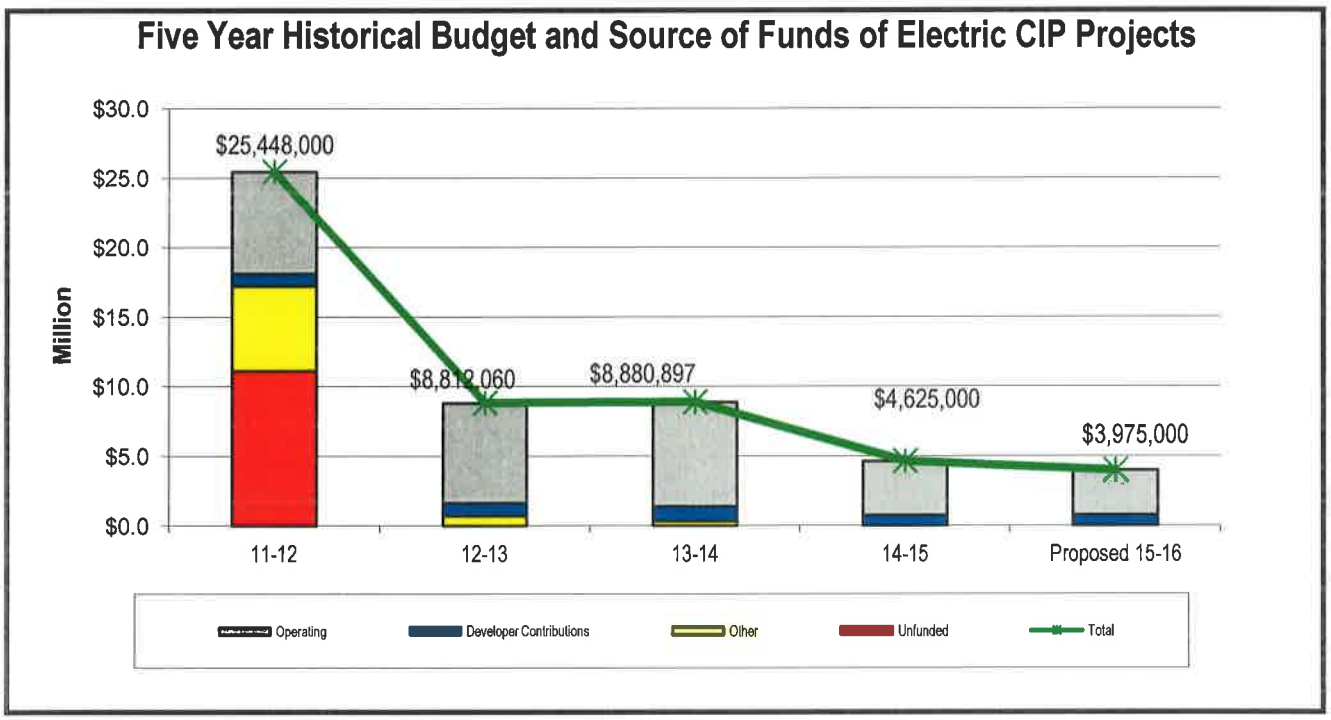
Projects by Functional Area:

New Development	$	1,575,000
Infrastructure Replacement		1,800,000
Utility Relocation		500,000
Reliabilty Improvements		100,000
	$	**3,975,000**

Revenue Sources:

Developer Contribution	$	775,000
Electric - Operating		3,200,000
	$	**3,975,000**

Current Unfunded	**$**	**-**



Department of Public Utilities - Electric
Projects by Function for FY15-16

Funding Sources:

Project #	Description of Project	Developer Contribution	Electric - Operating	Grand Total
New Development				
EU01	Residential Electric Services - New & Existing	150,000	-	**150,000**
EU02	Electric Meter Installations	75,000	-	**75,000**
EU03	Facilities Installations/New Customers	550,000	-	**550,000**
EU06	Underground Transmission & Distribution - Additions	-	400,000	**400,000**
EU65	Electric Distribution Transformer Purchases	-	400,000	**400,000**
Total		**775,000**	**800,000**	**1,575,000**
Infrastructure Replacement				
EU05	Overhead Transmission & Distribution Replacements	-	100,000	**100,000**
EU07	Underground Transmission & Distribution - Replacements	-	1,000,000	**1,000,000**
EU22	Substation Emergency Repair/Replacement Items	-	50,000	**50,000**
EU79	Power Transformer Replacement	-	650,000	**650,000**
Total		**-**	**1,800,000**	**1,800,000**
Utility Relocation				
EU12	Electrical System Relocations	-	500,000	**500,000**
Total		**-**	**500,000**	**500,000**
Reliabilty Improvements				
EU14	Underground Cable (Feeders) & Equipment Additions	-	100,000	**100,000**
Total		**-**	**100,000**	**100,000**
Grand Total		**$ 775,000**	**$ 3,200,000**	**$ 3,975,000**

CITY OF NAPERVILLE, ILLINOIS --- SUMMARY OF PROJECT ESTIMATES --- CAPITAL IMPROVEMENTS PROGRAM
PROJECTS EXPRESSED WITH 3% INFLATION FACTOR

Department: **Public Utilities - Electric**

	WF #	Estimated Total Cost	Funding Source		FY15-16	FY16-17	FY17-18	FY18-19	FY19-20
EU01	Various	Annual		Residential Electric Services - New & Existing					
		1,331,829	D		150,000	309,000	318,270	273,182	281,377
	Project Total	**1,331,829**			**150,000**	**309,000**	**318,270**	**273,182**	**281,377**
EU02	Various	Annual		Electric Meter Installations					
		505,914	D		75,000	103,000	106,090	109,273	112,551
	Project Total	**505,914**			**75,000**	**103,000**	**106,090**	**109,273**	**112,551**
EU03	Various	Annual		Facilities Installations/New Customers					
		2,704,568	D		550,000	515,000	530,450	546,364	562,754
	Project Total	**2,704,568**			**550,000**	**515,000**	**530,450**	**546,364**	**562,754**
EU05	Various	Annual		Overhead Transmission & Distribution Replacements					
		1,392,741	J		100,000	309,000	318,270	327,818	337,653
	Project Total	**1,392,741**			**100,000**	**309,000**	**318,270**	**327,818**	**337,653**
EU06	Various	Annual		Underground Transmission & Distribution - Additions					
		1,261,827	J		400,000	206,000	212,180	218,545	225,102
	Project Total	**1,261,827**			**400,000**	**206,000**	**212,180**	**218,545**	**225,102**
EU07	Various	Changed - Recurring		Underground Transmission & Distribution - Replacements					
		6,856,004	J		1,000,000	937,300	1,591,350	1,639,091	1,688,263
	Project Total	**6,856,004**			**1,000,000**	**937,300**	**1,591,350**	**1,639,091**	**1,688,263**
EU12	Various	Annual		Electrical System Relocations					
		6,495,480	J		500,000	772,500	1,538,305	983,454	2,701,221
	Project Total	**6,495,480**			**500,000**	**772,500**	**1,538,305**	**983,454**	**2,701,221**
EU13	Various	Changed - Recurring		Underground Conduit (Duct Banks) Additions					
		4,811,308	J		0	1,802,500	1,803,530	1,092,727	112,551
	Project Total	**4,811,308**			**0**	**1,802,500**	**1,803,530**	**1,092,727**	**112,551**

A) GENERAL FUND B) G.O. BOND: PRIOR ISSUES C) CAPITAL PROJECTS FUND CF) SPECIAL EVENTS AND CULTURAL AMENITIES FUND D) DEVELOPER CONTRIBUTION E) SPECIAL ASSESSMENT F) WATER UTILITY G) OTHER GOVERNMENT GE) OTHER GOVERNMENT: ENTERPRISE H) MOTOR FUEL TAX IC) IMPACT FEES: CITY IU) IMPACT FEES: CITY UNFUNDED IW) IMPACT FEE: WILL COUNTY J) ELECTRIC UTILITY L) LIBRARY BUILDING RESERVES LH) LOCAL MOTOR FUEL TAX N) BURLINGTON NORTHERN RAILROAD O) DOWNTOWN PARKING SOLUTION OR) OTHER ROAD FUNDING SOURCE P) PRIVATE CONTRIBUTIONS Q) REPLACEMENT FUND R) ROAD & BRIDGE FUND S) SIDEWALK FUND T) OTHER GOVERNMENT: PENDING TF) TIF U) UNFUNDED CAPITAL V) UNFUNDED ELECTRIC W) UNFUNDED WATER

CITY OF NAPERVILLE, ILLINOIS --- SUMMARY OF PROJECT ESTIMATES --- CAPITAL IMPROVEMENTS PROGRAM
PROJECTS EXPRESSED WITH 3% INFLATION FACTOR

Department: **Public Utilities - Electric**

	WF #	Estimated Total Cost	Funding Source		FY15-16	FY16-17	FY17-18	FY18-19	FY19-20
EU14	Various	Annual		Underground Cable (Feeders) & Equipment Additions					
		2,675,221	J		100,000	463,500	636,540	1,475,181	0
	Project Total	**2,675,221**			**100,000**	**463,500**	**636,540**	**1,475,181**	**0**
EU22	Various	Annual		Substation Emergency Repair/Replacement Items					
		675,770	J		50,000	133,900	159,135	163,909	168,826
	Project Total	**675,770**			**50,000**	**133,900**	**159,135**	**163,909**	**168,826**
EU29	Various	Changed - Recurring		Underground Sub-transmission Circuit Additions & Upgrades					
		4,157,533	J		0	1,030,000	1,379,170	1,748,363	0
	Project Total	**4,157,533**			**0**	**1,030,000**	**1,379,170**	**1,748,363**	**0**
EU44	Various	Annual		Fiber Optic Cable for 138kV Relay Protection and Communication					
		2,686,562	J		0	478,950	397,838	639,245	1,170,529
	Project Total	**2,686,562**			**0**	**478,950**	**397,838**	**639,245**	**1,170,529**
EU47	Various	Annual		138kV Relay Improvements					
		1,090,862	J		0	128,750	265,225	218,545	478,341
	Project Total	**1,090,862**			**0**	**128,750**	**265,225**	**218,545**	**478,341**
EU49	Various	Changed - Recurring		Distribution Automation/Automatic Sectionalizing					
		667,635	J		0	180,250	153,831	136,591	196,964
	Project Total	**667,635**			**0**	**180,250**	**153,831**	**136,591**	**196,964**
EU52	Various	Changed - Recurring		Cable Replacement Program for Underground Residential Development					
		4,381,169	J		0	2,188,750	1,060,900	737,591	393,928
	Project Total	**4,381,169**			**0**	**2,188,750**	**1,060,900**	**737,591**	**393,928**
EU57	Various	Changed - Recurring		Substation Automation					
		1,183,468	J		0	309,000	318,270	218,545	337,653
	Project Total	**1,183,468**			**0**	**309,000**	**318,270**	**218,545**	**337,653**

A) GENERAL FUND B) G.O. BOND: PRIOR ISSUES C) CAPITAL PROJECTS FUND CF) SPECIAL EVENTS AND CULTURAL AMENITIES FUND D) DEVELOPER CONTRIBUTION E) SPECIAL ASSESSMENT F) WATER UTILITY G) OTHER GOVERNMENT GE) OTHER GOVERNMENT: ENTERPRISE H) MOTOR FUEL TAX IC) IMPACT FEES: CITY IU) IMPACT FEES: CITY UNFUNDED IW) IMPACT FEE: WILL COUNTY J) ELECTRIC UTILITY L) LIBRARY BUILDING RESERVES LH) LOCAL MOTOR FUEL TAX N) BURLINGTON NORTHERN RAILROAD O) DOWNTOWN PARKING SOLUTION OR) OTHER ROAD FUNDING SOURCE P) PRIVATE CONTRIBUTIONS Q) REPLACEMENT FUND R) ROAD & BRIDGE FUND S) SIDEWALK FUND T) OTHER GOVERNMENT: PENDING TF) TIF U) UNFUNDED CAPITAL V) UNFUNDED ELECTRIC W) UNFUNDED WATER

CITY OF NAPERVILLE. ILLINOIS --- SUMMARY OF PROJECT ESTIMATES --- CAPITAL IMPROVEMENTS PROGRAM
PROJECTS EXPRESSED WITH 3% INFLATION FACTOR

Department: **Public Utilities - Electric**

	WF #	Estimated Total Cost	Funding Source		FY15-16	FY16-17	FY17-18	FY18-19	FY19-20
EU64	56360	Changed - Non Recurring		Substation Oil Spill Protection					
		163,957	J		0	0	53,045	54,636	56,275
	Project Total	**163,957**			**0**	**0**	**53,045**	**54,636**	**56,275**
EU65	Various	Annual		Electric Distribution Transformer Purchases					
		2,554,568	J		400,000	515,000	530,450	546,364	562,754
	Project Total	**2,554,568**			**400,000**	**515,000**	**530,450**	**546,364**	**562,754**
EU66	Various	Changed - Recurring		Fiber Optic Cable for Metro Area Network (MAN)					
		430,914	J		0	103,000	106,090	109,273	112,551
	Project Total	**430,914**			**0**	**103,000**	**106,090**	**109,273**	**112,551**
EU69	60373, 60374	Changed - Non Recurring		Bulk Electric Power Supply Metering Installation					
		591,734	J		0	154,500	159,135	109,273	168,826
	Project Total	**591,734**			**0**	**154,500**	**159,135**	**109,273**	**168,826**
EU78		Changed - Recurring		Supervisory Control And Data Acquisition					
		794,722	J		0	334,750	47,741	327,818	84,413
	Project Total	**794,722**			**0**	**334,750**	**47,741**	**327,818**	**84,413**
EU79		Changed - Recurring		Power Transformer Replacement					
		2,496,509	J		650,000	721,000	0	0	1,125,509
	Project Total	**2,496,509**			**650,000**	**721,000**	**0**	**0**	**1,125,509**
EU80	Various	Changed - Recurring		Utility Infrastructure Hardware Replacement					
		390,650	J		0	0	0	109,273	281,377
	Project Total	**390,650**			**0**	**0**	**0**	**109,273**	**281,377**
EU83	Various	New		Substation Flood Prevention					
		1,180,190	J		0	309,000	318,270	327,818	225,102
	Project Total	**1,180,190**			**0**	**309,000**	**318,270**	**327,818**	**225,102**

A) GENERAL FUND B) G.O. BOND: PRIOR ISSUES C) CAPITAL PROJECTS FUND CF) SPECIAL EVENTS AND CULTURAL AMENITIES FUND D) DEVELOPER CONTRIBUTION E) SPECIAL ASSESSMENT F) WATER UTILITY G) OTHER GOVERNMENT GE) OTHER GOVERNMENT: ENTERPRISE H) MOTOR FUEL TAX IC) IMPACT FEES: CITY IU) IMPACT FEES: CITY UNFUNDED IW) IMPACT FEE: WILL COUNTY J) ELECTRIC UTILITY L) LIBRARY BUILDING RESERVES LH) LOCAL MOTOR FUEL TAX N) BURLINGTON NORTHERN RAILROAD O) DOWNTOWN PARKING SOLUTION OR) OTHER ROAD FUNDING SOURCE P) PRIVATE CONTRIBUTIONS Q) REPLACEMENT FUND R) ROAD & BRIDGE FUND S) SIDEWALK FUND T) OTHER GOVERNMENT: PENDING TF) TIF U) UNFUNDED CAPITAL V) UNFUNDED ELECTRIC W) UNFUNDED WATER

CITY OF NAPERVILLE, ILLINOIS --- SUMMARY OF PROJECT ESTIMATES --- CAPITAL IMPROVEMENTS PROGRAM
PROJECTS EXPRESSED WITH 3% INFLATION FACTOR

Department: **Public Utilities - Electric**

WF #	Estimated Total Cost	Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20
Department Total	**51,481,134**		**3,975,000**	**12,004,650**	**12,004,084**	**12,112,879**	**11,384,522**

A) GENERAL FUND B) G.O. BOND: PRIOR ISSUES C) CAPITAL PROJECTS FUND CF) SPECIAL EVENTS AND CULTURAL AMENITIES FUND D) DEVELOPER CONTRIBUTION E) SPECIAL ASSESSMENT F) WATER UTILITY G) OTHER GOVERNMENT GE) OTHER GOVERNMENT: ENTERPRISE H) MOTOR FUEL TAX IC) IMPACT FEES: CITY IU) IMPACT FEES: CITY UNFUNDED IW) IMPACT FEE: WILL COUNTY J) ELECTRIC UTILITY L) LIBRARY BUILDING RESERVES LH) LOCAL MOTOR FUEL TAX N) BURLINGTON NORTHERN RAILROAD O) DOWNTOWN PARKING SOLUTION OR) OTHER ROAD FUNDING SOURCE P) PRIVATE CONTRIBUTIONS Q) REPLACEMENT FUND R) ROAD & BRIDGE FUND S) SIDEWALK FUND T) OTHER GOVERNMENT: PENDING TF) TIF U) UNFUNDED CAPITAL V) UNFUNDED ELECTRIC W) UNFUNDED WATER

New Projects

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Project Number: EU83 **Project Title:** Substation Flood Prevention

Department Name: Electric **CIP Status:** New **Category Code:** A **Sector:** Various

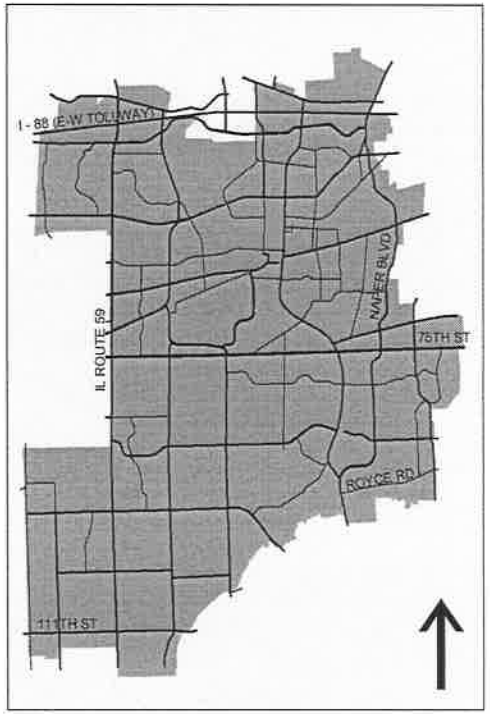
Criteria Reliability Improvements **WF Number:** Various

Project Purpose:

This project ensures electrical system reliability by installing flood prevention measures at Ogden, Modaff, Route 59 and Springbrook Substations.

Project Narrative:

As a result of heavy flooding experienced at Ogden, Modaff, Route 59 and Springbrook Substations during excessive rain in the Spring of 2013; this project will implement remediation efforts at each of these stations, in the order listed, over the next 4 years starting in FY 16-17.



External Funding Sources Available

None

Projected Timetable

Systematically throughout fiscal year starting in FY 16-17. This project will require no additional staffing or resources.

Impact on Operating Budget

There will be no impact on the operating budget.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Electric Utility	0	309,000	318,270	327,818	225,102	1,180,190
Subtotal	0	309,000	318,270	327,818	225,102	1,180,190
					Prior Year(s) Expenditures	0
					Total All Sources	1,180,190

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Equip. & Furnishing	0	0	0	0	309,000	318,270	327,818	225,102	1,180,190
Subtotal	0	0	0	0	309,000	318,270	327,818	225,102	1,180,190
								Prior Year(s) Expenditures	0
								Total Project Cost	1,180,190

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Non-Recurring Projects

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Project Number: EU64 **Project Title:** Substation Oil Spill Protection

Department Name: Electric **CIP Status:** Changed - Non Recurring **Category Code:** LR **Sector:** Various

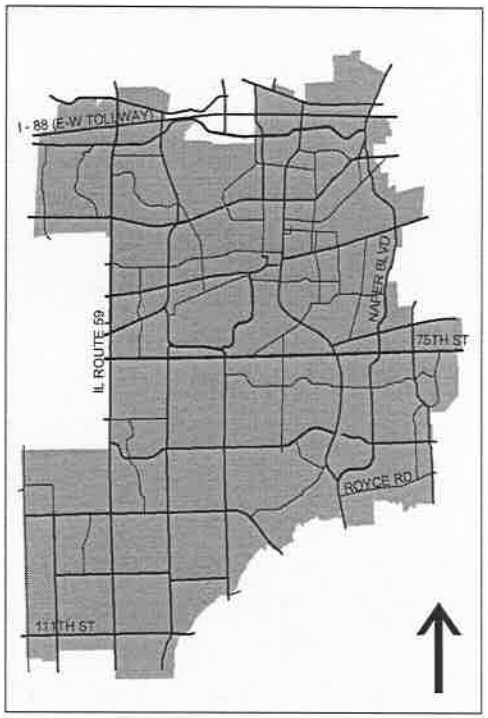
Criteria Legally Required Projects **WF Number:** 56360

Project Purpose:

This project will ensure compliance with new Environmental Protection Agency (EPA) standards regarding oil spill containment at electric substations.

Project Narrative:

This project funds improvements to the required substation oil spill containment system at Route 59 Substation in FY18, Springbrook Substation in FY19, and Royce Substation FY20.



External Funding Sources Available

None

Projected Timetable

Installation expected in summer, 2017.

Impact on Operating Budget

No operating budget impact.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Electric Utility	0	0	53,045	54,636	56,275	163,957
Subtotal	0	0	53,045	54,636	56,275	163,957
					Prior Year(s) Expenditures	138,182
					Total All Sources	302,139

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Benefits	6,196	0	0	0	0	0	0	0	0
Construction	113,154	0	0	0	0	53,045	54,636	56,275	163,957
Salaries	18,661	0	0	0	0	0	0	0	0
Supplies	172	0	0	0	0	0	0	0	0
Subtotal	138,182	0	0	0	0	53,045	54,636	56,275	163,957
								Prior Year(s) Expenditures	138,182
								Total Project Cost	302,139

Project Number: EU69 **Project Title:** Bulk Electric Power Supply Metering Installation

Department Name: Electric **CIP Status:** Changed - Non Recurring **Category Code:** LR **Sector:** Various

Criteria Legally Required Projects **WF Number:** 60373, 60374

Project Purpose:

Upgrade of existing digital power metering equipment required to provide real time information to system operators. Additionally this equipment is used to verify bulk power purchase quantities and will be used to comply with future proposed NERC standards requiring power disturbance recording and monitoring.

Project Narrative:

This project will fund the replacement of bulk power meters that have reached end of life, with spare parts no longer available per the manufacturer. These meters are installed on 12kV, 34.5kV and 138kV lines and provide vital real-time information to DPU-E system control and engineering personnel.

Upgrade of Tollway Substation digital power meters to be installed and designed in conjunction with "C" bus protection upgrade will be completed in FY17. Upgrade of both instruments will reduce costs due to circuit switching and re-deployment of crews. Approximately 2,764 customers, including the large co-generation customer BP, are directly fed from this station while approximately 15,783 rely on the 34.5kV system out of this station for power including Edward Hospital.

External Funding Sources Available

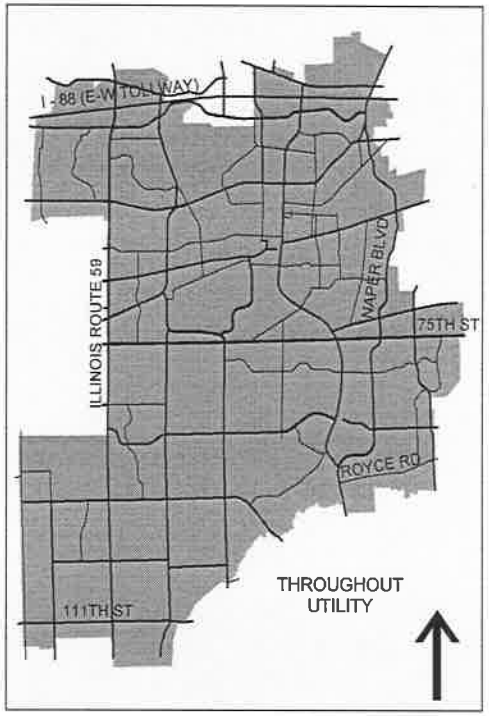
None

Projected Timetable

In Process.

Impact on Operating Budget

Once installed this equipment will only require annual inspection to insure proper calibration, at a rate of $10,000 per fiscal year. The spending in FY15 was for SEL 735 substation power meters to replace failing meters at Tollway Substation.



Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	10,000	10,000	10,000	10,000	10,000	50,000
Subtotal	10,000	10,000	10,000	10,000	10,000	50,000
					Prior Year(s) Impact	0
					Total Project Impact	50,000

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Electric Utility	0	154,500	159,135	109,273	168,826	591,734
Subtotal	0	154,500	159,135	109,273	168,826	591,734
					Prior Year(s) Expenditures	332,499
					Total All Sources	924,233

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Benefits	21,185	0	184	0	0	0	0	0	0
Construction	175,007	0	0	0	154,500	159,135	109,273	168,826	591,734
Salaries	67,358	0	641	0	0	0	0	0	0
Supplies	68,125	0	0	0	0	0	0	0	0
Subtotal	331,675	0	825	0	154,500	159,135	109,273	168,826	591,734
								Prior Year(s) Expenditures	332,499
								Total Project Cost	924,233

Recurring Projects

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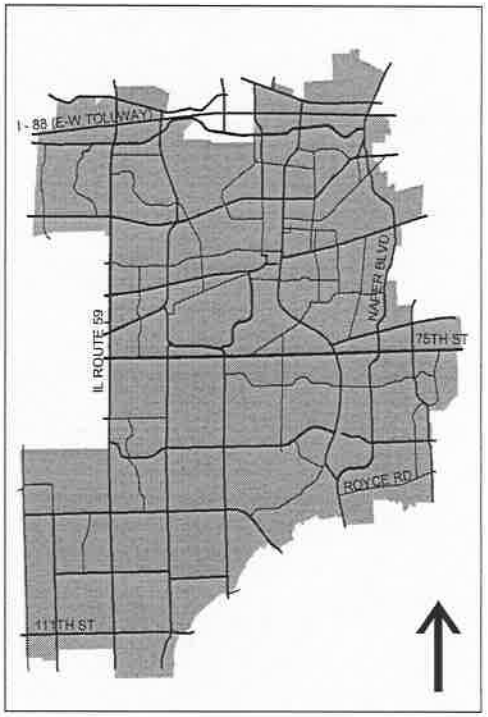
Project Number: EU01 **Project Title:** Residential Electric Services - New & Existing
Department Name: Electric **CIP Status:** Annual **Category Code:** A **Sector:** Various
Criteria New Development **WF Number:** Various

Project Purpose:
This project provides electric service to residential electric utility customers.

Project Narrative:
This project provides customers the means for receiving electrical service from the City. It includes installation of underground electrical cable and associated equipment for services to new residential dwelling units and relocation and/or upgrades of existing services.



External Funding Sources Available
New projects only are funded by development - Customers pay prior to work.

Projected Timetable
Systematically throughout the fiscal year as necessitated by new development or expansion of existing structures and/or resident needs. Fees paid by customers prior to installation of services.

Impact on Operating Budget
Normal operating and maintenance expenses anticipated - non quantifiable. No additional personnel required; These fees are paid by developers, contractors, or homeowners (customers) prior to installation of services.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Developer Contribution	150,000	309,000	318,270	273,182	281,377	1,331,829
Subtotal	150,000	309,000	318,270	273,182	281,377	1,331,829
					Prior Year(s) Expenditures	3,415,647
					Total All Sources	4,747,476

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Benefits	382,381	0	40,065	0	0	0	0	0	0
Construction	912,953	125,000	80,701	150,000	309,000	318,270	273,182	281,377	1,331,829
Engineering	350	0	0	0	0	0	0	0	0
Salaries	1,180,075	0	121,366	0	0	0	0	0	0
Services	41,799	0	7,733	0	0	0	0	0	0
Supplies	586,240	0	61,984	0	0	0	0	0	0
Subtotal	3,103,797	125,000	311,850	150,000	309,000	318,270	273,182	281,377	1,331,829
								Prior Year(s) Expenditures	3,415,647
								Total Project Cost	4,747,476

Project Number: EU02 **Project Title:** Electric Meter Installations

Department Name: Electric **CIP Status:** Annual **Category Code:** A **Sector:** Various

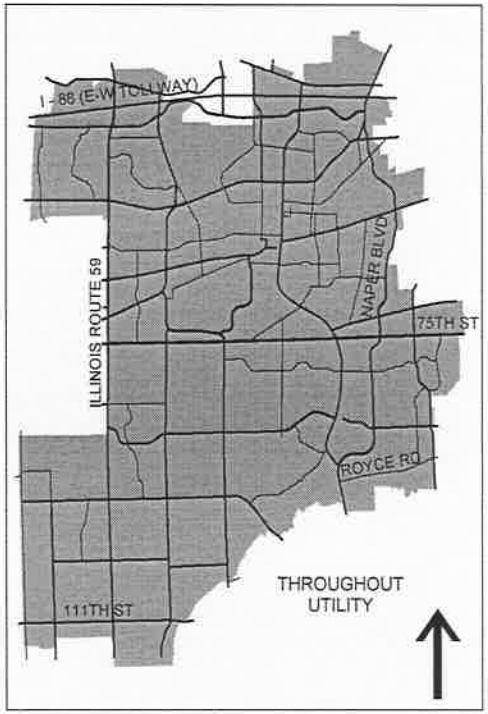
Criteria New Development **WF Number:** Various

Project Purpose:

This project creates the mechanism to collect revenues owed to the City for electric services delivered via the installation of an electric meter.

Project Narrative:

This project includes procurement, testing, and installation of single and three phase electric meters for all customer classes. The measure of success is having a meter in place for all customers, including new customers, to account for all kilowatt-hours (kWh) delivered and billed. Labor and materials paid by electric fees and rates; other electric service initial charges paid through FIC under EU01.



External Funding Sources Available

New projects only are funded by Development - Customers pay prior to work.

Projected Timetable

Systematically throughout the fiscal year.

Impact on Operating Budget

No additional personnel required. Normal operating and maintenance expenses for equipment installed in the field.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Developer Contribution	75,000	103,000	106,090	109,273	112,551	505,914
Subtotal	75,000	103,000	106,090	109,273	112,551	505,914
					Prior Year(s) Expenditures	1,132,582
					Total All Sources	1,638,496

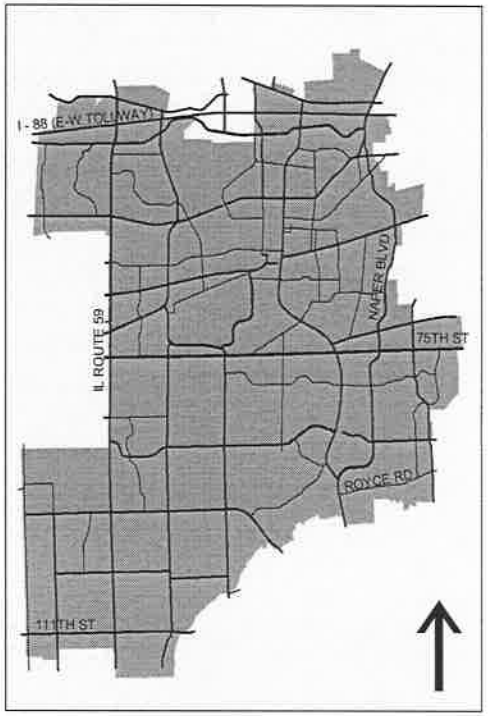
Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Benefits	35,817	0	831	0	0	0	0	0	0
Construction	146,205	0	0	0	0	0	0	0	0
Salaries	108,988	0	2,270	0	0	0	0	0	0
Services	4,333	0	0	0	0	0	0	0	0
Supplies	711,302	75,000	122,836	75,000	103,000	106,090	109,273	112,551	505,914
Subtotal	1,006,645	75,000	125,938	75,000	103,000	106,090	109,273	112,551	505,914
								Prior Year(s) Expenditures	1,132,582
								Total Project Cost	1,638,496

Project Number: EU03 **Project Title:** Facilities Installations/New Customers
Department Name: Electric **CIP Status:** Annual **Category Code:** LR **Sector:** Various
Criteria New Development **WF Number:** Various

Project Purpose:
This project provides essential, reliable electrical service to new developments via the installation of on-site equipment.

Project Narrative:
This project includes the installation of on-site conductors, switch modules, transformers, pedestals, and associated equipment for electric service to new customers. In most cases, the City is obligated to provide these services based on City Council prior-approved service agreements for new development. Main residential development includes the area west of 248th Street, with spot development throughout the city. Commercial development is expected throughout the City.



External Funding Sources Available
Funded by Development - Customers pay prior to work.

Projected Timetable
Systematically throughout the fiscal year as necessitated by new customers.

Impact on Operating Budget
This project will require no additional staffing or resources. There will be no impact on the operating budget.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Developer Contribution	550,000	515,000	530,450	546,364	562,754	2,704,568
Subtotal	550,000	515,000	530,450	546,364	562,754	2,704,568
					Prior Year(s) Expenditures	12,414,773
					Total All Sources	15,119,341

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Benefits	734,569	0	117,861	0	0	0	0	0	0
Construction	3,848,054	550,000	431,580	550,000	515,000	530,450	546,364	562,754	2,704,568
Engineering	5,704	0	0	0	0	0	0	0	0
Salaries	2,377,358	0	378,378	0	0	0	0	0	0
Services	371,297	0	29,921	0	0	0	0	0	0
Supplies	3,653,433	0	466,618	0	0	0	0	0	0
Subtotal	10,990,415	550,000	1,424,358	550,000	515,000	530,450	546,364	562,754	2,704,568
								Prior Year(s) Expenditures	12,414,773
								Total Project Cost	15,119,341

Project Number: EU05 **Project Title:** Overhead Transmission & Distribution Replacements

Department Name: Electric **CIP Status:** Annual **Category Code:** A **Sector:** Various

Criteria **WF Number:** Various

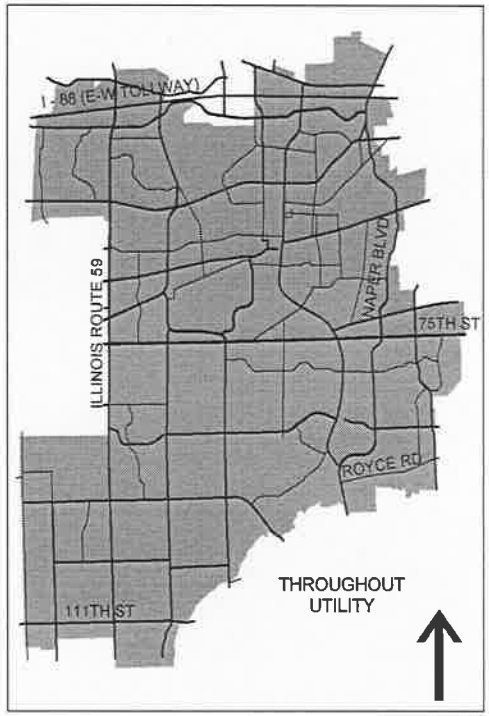
New Development, Infrastructure Replacement, Reliability Improvements

Project Purpose:

This project sustains essential and reliable infrastructure by replacing or upgrading aged overhead electrical transmission or distribution facilities.

Project Narrative:

Goal achievement is measured by a low System Average Interruptible Duration Index (SAIDI) that indicates the duration in minutes a customer can expect to be without power during the year. This project also includes overhead off-site work necessitated by new development in order to meet load growth. In FY16, repairs of the overhead distribution system to maintain service, and projects required to accommodate teardowns/rebuilds will be completed. In future years, selected areas of the overhead distribution system will be replaced or upgraded to maintain or improve reliability and to increase load capacity to serve customers.



External Funding Sources Available

None

Projected Timetable

Systematically throughout the fiscal year.

Impact on Operating Budget

This project will require no additional staffing or resources. There will be no impact on the operating budget.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Electric Utility	100,000	309,000	318,270	327,818	337,653	1,392,741
Subtotal	100,000	309,000	318,270	327,818	337,653	1,392,741
					Prior Year(s) Expenditures	2,422,127
					Total All Sources	3,814,868

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Benefits	404,424	0	8,175	0	0	0	0	0	0
Construction	101,284	100,000	630	100,000	309,000	318,270	327,818	337,653	1,392,741
Engineering	3,641	0	0	0	0	0	0	0	0
Salaries	1,337,257	0	23,777	0	0	0	0	0	0
Services	148,959	0	1,605	0	0	0	0	0	0
Supplies	385,233	0	7,143	0	0	0	0	0	0
Subtotal	2,380,798	100,000	41,329	100,000	309,000	318,270	327,818	337,653	1,392,741
								Prior Year(s) Expenditures	2,422,127
								Total Project Cost	3,814,868

Project Number: EU06 **Project Title:** Underground Transmission & Distribution - Additions

Department Name: Electric **CIP Status:** Annual **Category Code:** A **Sector:** Various

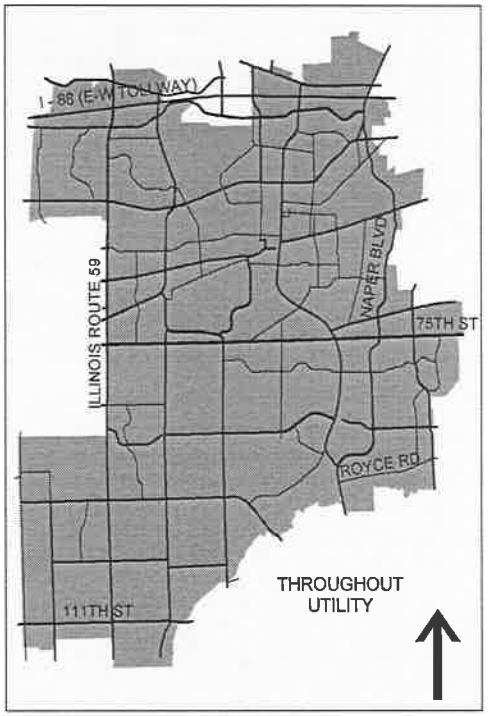
Criteria New Development, Infrastructure Replacement **WF Number:** Various

Project Purpose:

This project provides essential and reliable services while maintaining the infrastructure. More specifically, it provides off-site underground electrical transmission and distribution infrastructure as required by new development.

Project Narrative:

This project includes installation of off-site distribution facilities for electric utility service to new customers. Measurement of success is reliable electric service as indicated by a low System Average Interruptible Duration Index (SAIDI) that measures the amount of time in minutes a customer can expect to be without electrical power during the year. This project includes the replacement of old and obsolete underground equipment and off-site work necessitated by new development. Infrastructure additions to underground transmission and distribution systems continue to facilitate new commercial and residential development at Water Street and various other locations around the city.



External Funding Sources Available

None

Projected Timetable

Systematically throughout the fiscal year.

Impact on Operating Budget

This project will require no additional staffing or resources. There will be no impact on the operating budget.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Electric Utility	400,000	206,000	212,180	218,545	225,102	1,261,827
Subtotal	400,000	206,000	212,180	218,545	225,102	1,261,827
					Prior Year(s) Expenditures	3,796,666
					Total All Sources	5,058,493

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Benefits	106,678	0	0	0	0	0	0	0	0
Construction	1,655,613	400,000	21,835	400,000	206,000	212,180	218,545	225,102	1,261,827
Salaries	303,287	0	0	0	0	0	0	0	0
Services	125,665	0	735	0	0	0	0	0	0
Supplies	1,580,581	0	2,272	0	0	0	0	0	0
Subtotal	3,771,823	400,000	24,842	400,000	206,000	212,180	218,545	225,102	1,261,827
								Prior Year(s) Expenditures	3,796,666
								Total Project Cost	5,058,493

Project Number: EU07 **Project Title:** Underground Transmission & Distribution - Replacements

Department Name: Electric **CIP Status:** Changed - Recurring **Category Code:** A **Sector:** Various

Criteria New Development, Infrastructure Replacement **WF Number:** Various

Project Purpose:

This project provides essential and reliable services while maintaining the infrastructure by replacing or upgrading aged underground electrical transmission or distribution facilities.

Project Narrative:

Measure of success indicated by a low System Average Interruptible Duration Index that measures the amount of time in minutes a customer can expect to be without power in a year. Project includes replacement of off-site underground transmission and distribution facilities to maintain reliable electric utility service to existing customers and meet load growth caused by new development. Work occurs where evaluation of failing equipment indicates replacing/upgrading the facilities instead of repairing would achieving greater cost effectiveness. Failing aged cables, transformers, switches and other equipment required to maintain service to customers will be replaced. Replacement of failed cables includes the installation of new conduit and cable. In future years, select areas of the underground distribution system will be replaced or upgraded to maintain or improve reliability.

External Funding Sources Available

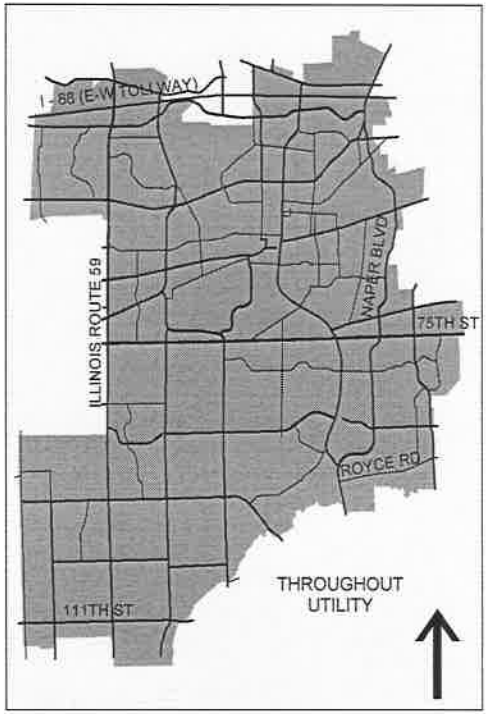
None

Projected Timetable

Systematically throughout the fiscal year.

Impact on Operating Budget

This project will require no additional staffing or resources. There will be no impact on the operating budget.



Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Electric Utility	1,000,000	937,300	1,591,350	1,639,091	1,688,263	6,856,004
Subtotal	1,000,000	937,300	1,591,350	1,639,091	1,688,263	6,856,004
					Prior Year(s) Expenditures	12,610,837
					Total All Sources	19,466,840

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Benefits	746,427	0	30,642	0	0	0	0	0	0
Construction	3,550,993	1,000,000	3,786	1,000,000	937,300	1,591,350	1,639,091	1,688,263	6,856,004
Engineering	22,725	0	0	0	0	0	0	0	0
Salaries	2,431,781	0	95,861	0	0	0	0	0	0
Services	440,100	0	3,149	0	0	0	0	0	0
Supplies	5,029,837	0	255,534	0	0	0	0	0	0
Subtotal	12,221,864	1,000,000	388,973	1,000,000	937,300	1,591,350	1,639,091	1,688,263	6,856,004
								Prior Year(s) Expenditures	12,610,837
								Total Project Cost	19,466,840

Project Number: EU12 **Project Title:** Electrical System Relocations

Department Name: Electric **CIP Status:** Annual

Category Code: LR **Sector:** Various

Criteria **WF Number:** Various

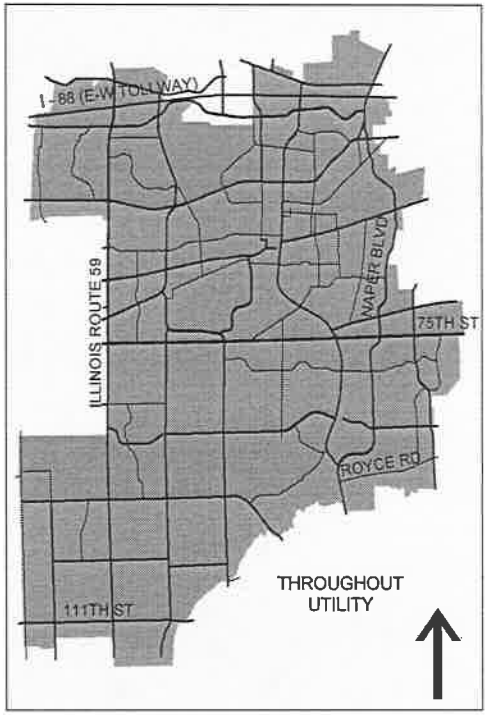
Reliability Improvements, Utility Relocation

Project Purpose:

This project supports coordination of intergovernmental projects in joint efforts with the City, County, and the State, in order to make improvements to the infrastructure and to minimize the impact on the electrical facilities that are to be relocated.

Project Narrative:

Project provides for the relocation of overhead and underground transmission and distribution electrical facilities in the public way that are required to be relocated to remove a conflict and to facilitate and accommodate improvements to the infrastructure. Projects include 95th Street Bridge, Water Street Development, 5th Avenue Train Station, Chicago Avenue Parking Garage, Ogden/Columbia Intersection Improvements, Central Park Improvements, and other locations as required.



External Funding Sources Available

None

Projected Timetable

Systematically throughout the fiscal year.

Impact on Operating Budget

This project will require no additional staffing. There will be no impact on the operating budget.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Electric Utility	500,000	772,500	1,538,305	983,454	2,701,221	6,495,480
Subtotal	500,000	772,500	1,538,305	983,454	2,701,221	6,495,480
					Prior Year(s) Expenditures	13,373,156
					Total All Sources	19,868,637

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Benefits	520,260	0	32,198	0	0	0	0	0	0
Construction	8,646,005	1,400,000	274,695	500,000	772,500	1,538,305	983,454	2,701,221	6,495,480
Engineering	37,027	0	0	0	0	0	0	0	0
Salaries	830,736	0	69,376	0	0	0	0	0	0
Services	493,872	0	131,566	0	0	0	0	0	0
Supplies	2,073,645	0	263,777	0	0	0	0	0	0
Subtotal	12,601,544	1,400,000	771,612	500,000	772,500	1,538,305	983,454	2,701,221	6,495,480
								Prior Year(s) Expenditures	13,373,156
								Total Project Cost	19,868,637

Project Number: EU13 **Project Title:** Underground Conduit (Duct Banks) Additions

Department Name: Electric **CIP Status:** Changed - Recurring

Category Code: A **Sector:** Various

Criteria **WF Number:** Various

New Development, Reliability Improvements

Project Purpose:

The project is designed to install new duct bank systems for the off-site distribution to residential and commercial customers in the City. The service is essential to public safety, the development of the community, and to provide a reliable energy delivery system. Some minor cable additions are also included throughout the electrical system.

Project Narrative:

The measure of success is reliable, consistent service. A measure of performance is a low System Average Interruptible Duration Index showing the amount of time in minutes a customer can expect to be without power during the year. Projects for 2017 and 2018 include duct banks through Brush Hill Park and behind KMart. The Brush Hill Park project will relocate circuits from aged and obsolete overhead lines that are accessible only via the railroad tracks. Failure to provide this duct bank for these feeders will result in long outages and probable disruption of the BNSF and Metra rail lines during maintenance. The KMart duct bank will allow replacement of aged and failing feeders and switch gear that serve a large area. Failure to construct this duct bank will result in more frequent outages on this aging cable and require repeated disruptive excavations and repairs of KMart's parking lot.

External Funding Sources Available

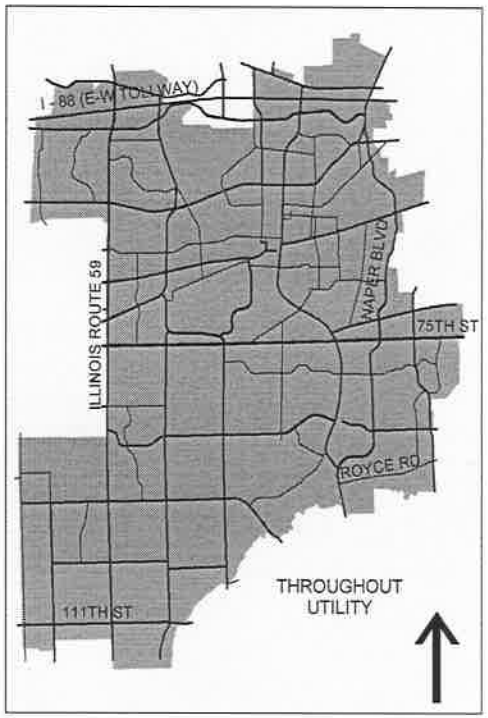
None

Projected Timetable

Systematically throughout the fiscal year.

Impact on Operating Budget

There will be no impact on the operating budget.



Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Electric Utility	0	1,802,500	1,803,530	1,092,727	112,551	4,811,308
Subtotal	0	1,802,500	1,803,530	1,092,727	112,551	4,811,308
					Prior Year(s) Expenditures	19,714,079
					Total All Sources	24,525,387

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Benefits	146,323	0	398	0	0	0	0	0	0
Construction	15,136,452	0	207,548	0	1,802,500	1,803,530	1,092,727	112,551	4,811,308
Engineering	79,741	0	0	0	0	0	0	0	0
Salaries	474,932	0	1,477	0	0	0	0	0	0
Services	1,324,606	0	10,338	0	0	0	0	0	0
Supplies	2,332,264	0	0	0	0	0	0	0	0
Subtotal	19,494,317	0	219,762	0	1,802,500	1,803,530	1,092,727	112,551	4,811,308
								Prior Year(s) Expenditures	19,714,079
								Total Project Cost	24,525,387

Project Number: EU14 **Project Title:** Underground Cable (Feeders) & Equipment Additions

Department Name: Electric **CIP Status:** Annual **Category Code:** B **Sector:** Various

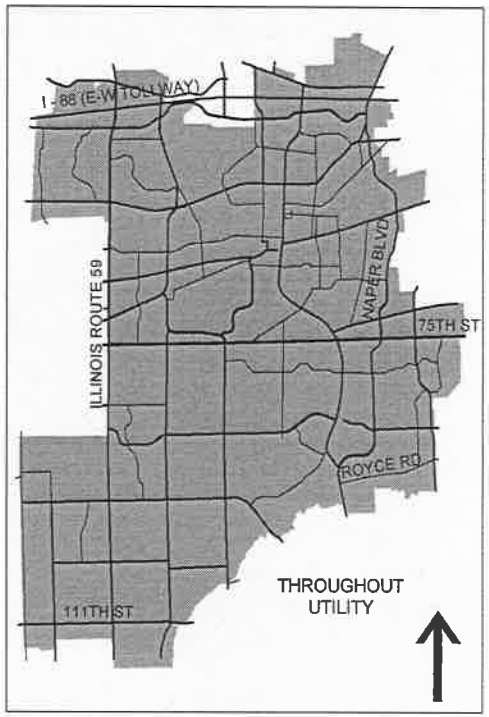
Criteria Reliability Improvements **WF Number:** Various

Project Purpose:

Projects designed to install new 12 kV feeder systems for off-site distribution of electricity to residential and commercial customers. Service is essential to public safety, development of the community, and to provide a reliable energy delivery system. Minor conduit additions are also included throughout the electrical system.

Project Narrative:

Measurement of success is indicated by a low System Average Interruptible Duration Index that measures the amount of time in minutes a customer can be expected to be without power during the year. In FY16, only sections of feeders that have multiple outages will be replaced to maintain reliability of service to customers. In future years, additional feeders will be planned in anticipation of load growth and improved distribution of existing load.



External Funding Sources Available

None

Projected Timetable

Systematically throughout the fiscal year.

Impact on Operating Budget

There will be no impact on the operating budget.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Electric Utility	100,000	463,500	636,540	1,475,181	0	2,675,221
Subtotal	100,000	463,500	636,540	1,475,181	0	2,675,221
					Prior Year(s) Expenditures	7,160,314
					Total All Sources	9,835,535

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Benefits	223,571	0	172	0	0	0	0	0	0
Construction	1,404,914	100,000	0	100,000	463,500	636,540	1,475,181	0	2,675,221
Salaries	734,353	0	844	0	0	0	0	0	0
Services	664,170	0	2,339	0	0	0	0	0	0
Supplies	4,129,951	0	0	0	0	0	0	0	0
Subtotal	7,156,958	100,000	3,355	100,000	463,500	636,540	1,475,181	0	2,675,221
								Prior Year(s) Expenditures	7,160,314
								Total Project Cost	9,835,535

Project Number: EU22 **Project Title:** Substation Emergency Repair/Replacement Items

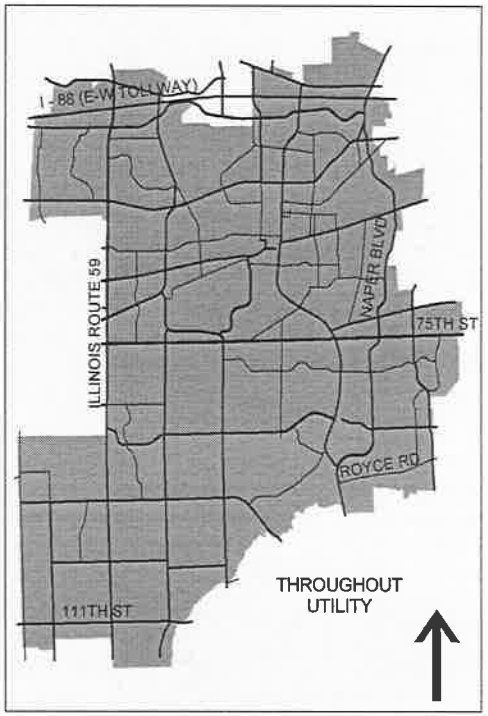
Department Name: Electric **CIP Status:** Annual **Category Code:** A **Sector:** Various

Project Purpose: **Criteria** **WF Number:** Various

Emergency replacement of capital equipment to maintain the reliability of the power delivery system. Infrastructure Replacement

Project Narrative:

These funds are required for emergency replacement of damaged or malfunctioning equipment. Equipment failures addressed using these funds are due to weather (flooding, ice, lightning, etc.), accelerated aging and manufacturer defect. System spares of critical equipment are kept by DPU-E at various locations in order to reduce outage duration. These funds are used to backfill the spares that are used in an emergency and provide for installation services should DPU-E have insufficient resources to repair the issue immediately.



External Funding Sources Available

None

Projected Timetable

Systematically throughout the fiscal year to meet emergency repairs.

Impact on Operating Budget

There will be no impact on the operating budget. Having funding established and available for emergency repair and replacement allows necessary permanent repairs to be made immediately.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Electric Utility	50,000	133,900	159,135	163,909	168,826	675,770
Subtotal	50,000	133,900	159,135	163,909	168,826	675,770
					Prior Year(s) Expenditures	981,347
					Total All Sources	1,657,117

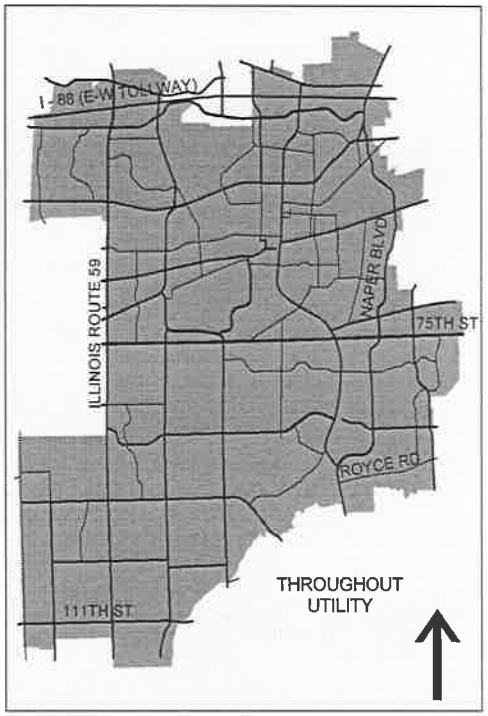
Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Benefits	40,889	0	235	0	0	0	0	0	0
Construction	722,066	50,000	26,381	50,000	133,900	159,135	163,909	168,826	675,770
Salaries	146,565	0	1,170	0	0	0	0	0	0
Services	4,190	0	0	0	0	0	0	0	0
Supplies	39,852	0	0	0	0	0	0	0	0
Subtotal	953,562	50,000	27,785	50,000	133,900	159,135	163,909	168,826	675,770
								Prior Year(s) Expenditures	981,347
								Total Project Cost	1,657,117

Project Number: EU29 **Project Title:** Underground Sub-transmission Circuit Additions & Upgrades
Department Name: Electric **CIP Status:** Changed - Recurring **Category Code:** B **Sector:** Various
Criteria Reliability Improvements **WF Number:** Various

Project Purpose:
The projects include the installation of underground and overhead sub-transmission 34 kV cable and conductor line capacity for major upgrades and additions to the system with related switching and associated equipment.

Project Narrative:
The 34 kV cable system provides a path to move large portions of electrical energy to meet the customers' demands throughout the City at an efficient cost. The work is required throughout the system to meet system load growth and maintain high levels of reliability. Some minor additions are also included. No expenditures are planned in 2016. In 2017, a new 34kV feeder is planned to connect Pebblewood Substation to Jefferson Substation. This is part of long term planning to maintain service to northern Naperville in the event of loss of the 138kV supply.



External Funding Sources Available
None

Projected Timetable
Systematically throughout the fiscal year.

Impact on Operating Budget
There will be no impact on the operating budget.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Electric Utility	0	1,030,000	1,379,170	1,748,363	0	4,157,533
Subtotal	0	1,030,000	1,379,170	1,748,363	0	4,157,533
					Prior Year(s) Expenditures	1,517,134
					Total All Sources	5,674,667

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Benefits	39,859	0	0	0	0	0	0	0	0
Construction	328,204	0	0	0	1,030,000	1,379,170	1,748,363	0	4,157,533
Engineering	1,050	0	0	0	0	0	0	0	0
Salaries	129,475	0	0	0	0	0	0	0	0
Services	366,517	0	0	0	0	0	0	0	0
Supplies	652,029	0	0	0	0	0	0	0	0
Subtotal	1,517,134	0	0	0	1,030,000	1,379,170	1,748,363	0	4,157,533
								Prior Year(s) Expenditures	1,517,134
								Total Project Cost	5,674,667

Project Number: EU44 **Project Title:** Fiber Optic Cable for 138kV Relay Protection and Communication

Department Name: Electric **CIP Status:** Annual **Category Code:** B **Sector:** Various

Criteria Technology Projects **WF Number:** Various

Project Purpose:

Design and installation of fiber optic cable and equipment needed to create communication paths between the Electric Service Center and all electrical substations for protective relay and SCADA communication.

Project Narrative:

Fiber optic cable and communication equipment installations will provide a major backbone for all utility communication needs such as relay protection, supervisory control and data acquisition (SCADA), distribution automation (DA), substation automation systems (SAS), advanced metering infrastructure (AMI), and substation/infrastructure security (alarming, CCTV cameras, etc.). Fiber optic cable and equipment are operation critical because they will provide the infrastructure with a fast network connecting all substations with the Electric Service Center.

FY17 Projects include installation of communication equipment to support high speed protective relay schemes used in protecting the high voltage cables that serve all customers of the utility.

External Funding Sources Available

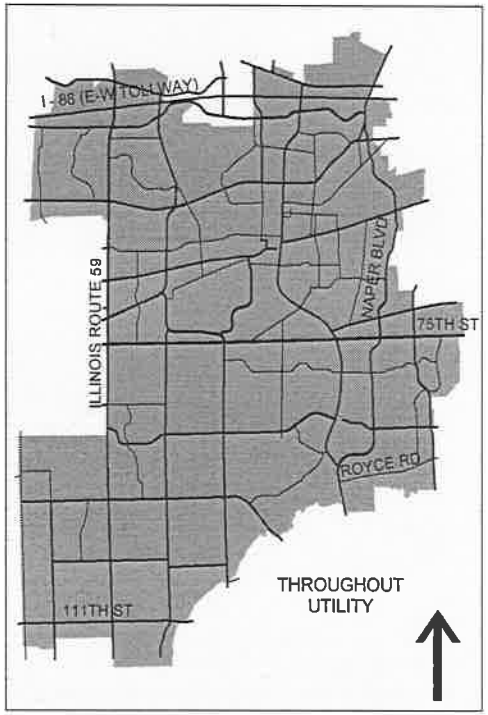
None

Projected Timetable

Systematically throughout fiscal year. Project will require no additional staffing or resources.

Impact on Operating Budget

There will be no impact on the operating budget.



Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Electric Utility	0	478,950	397,838	639,245	1,170,529	2,686,562
Subtotal	0	478,950	397,838	639,245	1,170,529	2,686,562
					Prior Year(s) Expenditures	2,674,745
					Total All Sources	5,361,307

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Benefits	143,296	0	5,879	0	0	0	0	0	0
Construction	1,790,550	0	11,212	0	478,950	397,838	639,245	1,170,529	2,686,562
Salaries	454,240	0	17,889	0	0	0	0	0	0
Services	23,562	0	17,466	0	0	0	0	0	0
Supplies	210,536	0	115	0	0	0	0	0	0
Subtotal	2,622,185	0	52,560	0	478,950	397,838	639,245	1,170,529	2,686,562
								Prior Year(s) Expenditures	2,674,745
								Total Project Cost	5,361,307

Project Number: EU47 **Project Title:** 138kV Relay Improvements

Department Name: Electric **CIP Status:** Annual **Category Code:** B **Sector:** Various

Criteria Reliability Improvements **WF Number:** Various

Project Purpose:

This project includes strategic, system-wide improvements to protective relay systems to reduce outages, enhance system reliability and ensure compliance with North American Electric Reliability Corporation Standards.

Project Narrative:

This project improves reliability of service to all customers by replacing and coordinating relays that protect transmission lines, transformers, and distribution feeders. Relays are upgraded from electromechanical to microprocessor type due to age of relays and lack of manufacturer support, with an added benefit being North American Electric Reliability Corporation (NERC) federally mandated requirement to test microprocessor relays every 7 years versus 5 years for electromechanical relays. The expanded testing window reduces costs and allows DPU-E crews to perform other maintenance activities or capital projects.

FY17-20 projects include the upgrade of electromechanical relay protection to microprocessor based relays to enhance reliability and comply with NERC testing requirements.

External Funding Sources Available

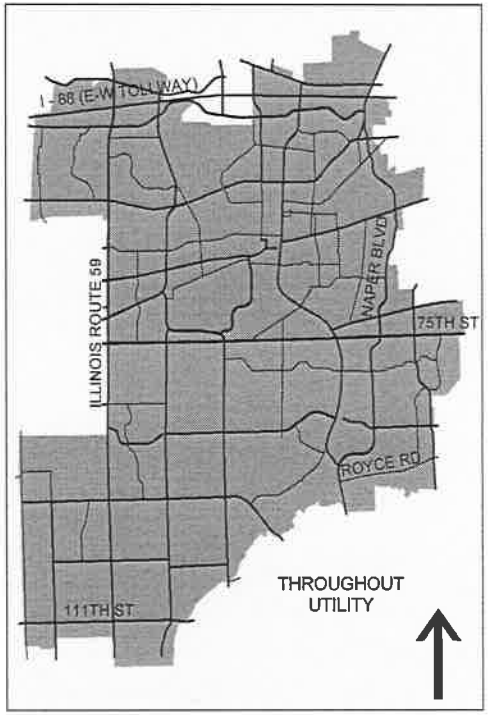
None

Projected Timetable

This is an ongoing project, and will be performed systematically throughout the fiscal year.

Impact on Operating Budget

The relays to be replaced are obsolete. It would be costly to find working replacements. Estimated to save $10,000 per year from faster, simpler testing process. Will improve reliability.



Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	(10,000)	(10,000)	(10,000)	(10,000)	(10,000)	(50,000)
Subtotal	(10,000)	(10,000)	(10,000)	(10,000)	(10,000)	(50,000)
					Prior Year(s) Impact	0
					Total Project Impact	(50,000)

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Electric Utility	0	128,750	265,225	218,545	478,341	1,090,862
Subtotal	0	128,750	265,225	218,545	478,341	1,090,862
					Prior Year(s) Expenditures	484,392
					Total All Sources	1,575,254

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Benefits	63,599	0	0	0	0	0	0	0	0
Construction	111,843	0	0	0	128,750	265,225	218,545	478,341	1,090,862
Salaries	207,675	0	0	0	0	0	0	0	0
Services	7,013	0	0	0	0	0	0	0	0
Supplies	94,263	0	0	0	0	0	0	0	0
Subtotal	484,392	0	0	0	128,750	265,225	218,545	478,341	1,090,862
								Prior Year(s) Expenditures	484,392
								Total Project Cost	1,575,254

Project Number: EU49 **Project Title:** Distribution Automation/Automatic Sectionalizing

Department Name: Electric **CIP Status:** Changed - Recurring **Category Code:** B **Sector:** Various

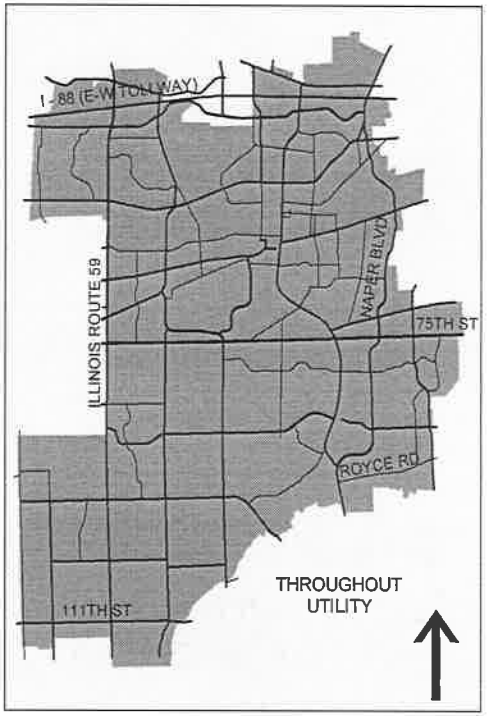
Criteria Reliability Improvements **WF Number:** Various

Project Purpose:

This project involves design and installation of Distribution/Automation (DA) Sectionalizing units at various points on the electric system. Relocations of existing distribution automation equipment due to road widening or other right of way issues are also addressed by this project.

Project Narrative:

This project provides automatic 12.5kV feeder reconfiguration after a power line disturbance has occurred by means of isolating a faulted section of the feeder. Automatic reconfiguration reduces downtime and minimizes the number of affected customers during a power failure. In FY15, replacement of two (2) switch controllers will be completed due to modules being fifteen (15) years old and no longer supported by manufacturer. Old units will be retained to use in event of failure of other old controllers still in service. FY17 will be the 2nd of a 5-year replacement program.



External Funding Sources Available

None

Projected Timetable

Systematically throughout fiscal year. This project will require no additional staffing or resources.

Impact on Operating Budget

There will be no impact on the operating budget.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Electric Utility	0	180,250	153,831	136,591	196,964	667,635
Subtotal	0	180,250	153,831	136,591	196,964	667,635
					Prior Year(s) Expenditures	2,007,591
					Total All Sources	2,675,226

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Benefits	34,622	0	0	0	0	0	0	0	0
Construction	317,640	25,000	1,442	0	180,250	153,831	136,591	196,964	667,635
Salaries	112,544	0	0	0	0	0	0	0	0
Services	45,004	0	2,539	0	0	0	0	0	0
Supplies	1,487,655	0	6,145	0	0	0	0	0	0
Subtotal	1,997,465	25,000	10,125	0	180,250	153,831	136,591	196,964	667,635
								Prior Year(s) Expenditures	2,007,591
								Total Project Cost	2,675,226

Project Number: EU52 **Project Title:** Cable Replacement Program for Underground Residential Development

Department Name: Electric **CIP Status:** Changed - Recurring **Category Code:** B **Sector:** Various

Criteria Reliability Improvements **WF Number:** Various

Project Purpose:

This project supports the City of Naperville's commitment to improving the infrastructure of residential subdivisions throughout the City of Naperville. This project includes replacing aging single-phase and three-phase feeder cables and equipment.

Project Narrative:

The subdivision meeting the criteria for number of outages in a year and an unacceptable duration time is identified as a likely candidate for the subdivision cable replacement program. For FY2017, subdivisions slated for improvement include Signal Point, Brook Crossing, and Maplebrook East. Plans for 2018 include University Heights. Failure to perform this work will result in increasing frequency and duration of outages due to failure of aged cable and equipment. Installing conduit via horizontal boring results in minimizing damage to the landscaping and improving customer satisfaction. Significant portions of cable will be refurbished via cable injection, extending cable life for up to 20 years with zero landscaping disturbance. This is a very cost effective approach for those cables that do not yet require replacement.

External Funding Sources Available

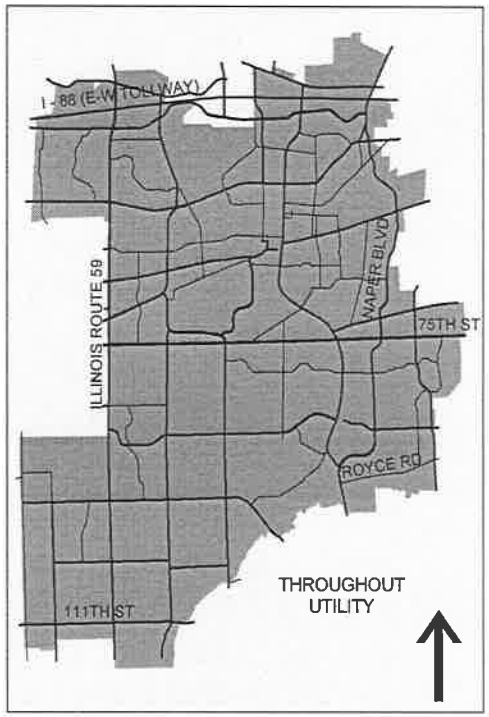
None

Projected Timetable

Systematically throughout the fiscal year.

Impact on Operating Budget

There will be no impact on the operating budget.



Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Electric Utility	0	2,188,750	1,060,900	737,591	393,928	4,381,169
Subtotal	0	2,188,750	1,060,900	737,591	393,928	4,381,169
					Prior Year(s) Expenditures	7,654,145
					Total All Sources	12,035,314

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Benefits	513,612	0	532	0	0	0	0	0	0
Construction	2,728,910	0	0	0	2,188,750	1,060,900	737,591	393,928	4,381,169
Engineering	19,530	0	0	0	0	0	0	0	0
Salaries	1,706,785	0	1,587	0	0	0	0	0	0
Services	787,170	0	3,979	0	0	0	0	0	0
Supplies	1,892,038	0	0	0	0	0	0	0	0
Subtotal	7,648,046	0	6,099	0	2,188,750	1,060,900	737,591	393,928	4,381,169
								Prior Year(s) Expenditures	7,654,145
								Total Project Cost	12,035,314

Project Number: EU57 **Project Title:** Substation Automation

Department Name: Electric **CIP Status:** Changed - Recurring **Category Code:** B **Sector:** Various

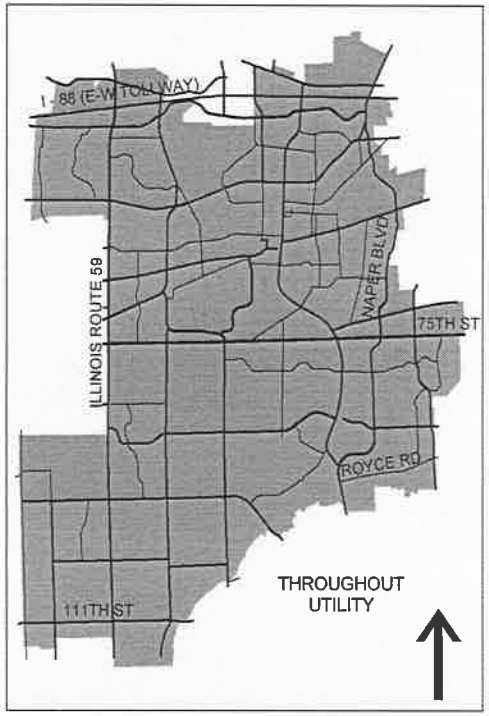
Criteria Reliability Improvements **WF Number:** Various

Project Purpose:

Project improves reliability of service to customers by using technology to integrate all equipment within the substation - providing secure, reliable and accurate information and remote control of substation equipment to system operators and substation field personnel. Safety of personnel greatly increased due to system remote control capabilities.

Project Narrative:

Automation systems installed at DPU-E substations allow various devices within the substation to communicate with each other as well as providing a secure method for system controllers and engineering personnel to access information from relays and other Intelligent Electronic Devices inside the substation. FY15 saw the completion of the Conservation Voltage Reduction (CVR) program and the replacement of obsolete load tap changer controllers to support (CVR) program. No funds are requested for FY16, and in future years, communication equipment and 12kV relay systems will be upgraded to maintain or improve reliability. All of the overages in EU 57 for previous FY's are associated with the deployment of the Conservation Voltage Reduction (CVR) program.



External Funding Sources Available

None

Projected Timetable

Projects planned for FY15 include Conservation Voltage Reduction upgrades to Load Tap Changer controllers and upgrade of 12kV relays on the "C" bus at Tollway Substation. Projects Planned for FY16 include the upgrade of 12kV relays at Modaff Substation.

Impact on Operating Budget

This project will require no additional staffing or resources.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Electric Utility	0	309,000	318,270	218,545	337,653	1,183,468
Subtotal	0	309,000	318,270	218,545	337,653	1,183,468
					Prior Year(s) Expenditures	3,497,623
					Total All Sources	4,681,091

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Benefits	107,526	0	985	0	0	0	0	0	0
Construction	1,979,253	100,000	920,825	0	309,000	318,270	218,545	337,653	1,183,468
Salaries	346,331	0	3,745	0	0	0	0	0	0
Services	80,794	0	30,278	0	0	0	0	0	0
Supplies	25,562	0	2,325	0	0	0	0	0	0
Subtotal	2,539,466	100,000	958,157	0	309,000	318,270	218,545	337,653	1,183,468
								Prior Year(s) Expenditures	3,497,623
								Total Project Cost	4,681,091

Project Number: EU65 **Project Title:** Electric Distribution Transformer Purchases

Department Name: Electric **CIP Status:** Annual **Category Code:** A **Sector:** Various

Criteria **WF Number:** Various

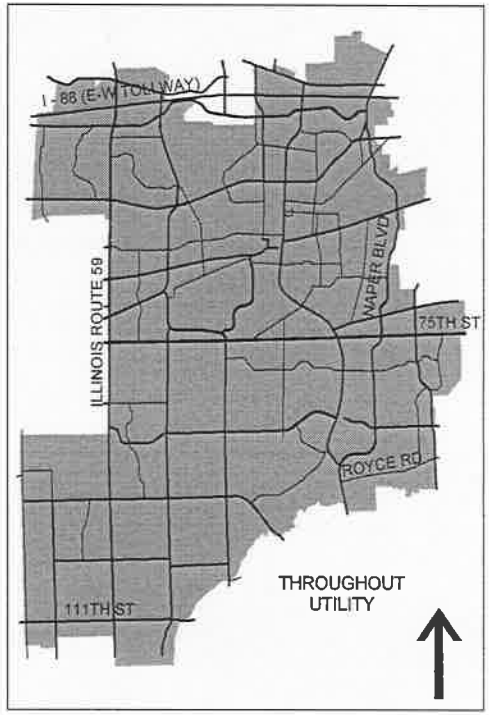
New Development, Infrastructure Replacement, Reliability Improvements, Utility Relocation

Project Purpose:

This project provides for the replacement of electric transformers to maintain and improve the reliability of electric service to customers.

Project Narrative:

Annual distribution transformer purchases. Current high demand for transformers and increased cost of materials, while supply is equivalent or lower than normal, have resulted in increased costs and lead times for transformer purchases.



External Funding Sources Available

None

Projected Timetable

Systematically throughout the fiscal year. Transformers are purchased and stored at the Electric Service Center's warehouse storage yard and installed in the field as the need arises for new, replacement, & upgrade.

Impact on Operating Budget

There is no impact on the operating budget.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Electric Utility	400,000	515,000	530,450	546,364	562,754	2,554,568
Subtotal	400,000	515,000	530,450	546,364	562,754	2,554,568
					Prior Year(s) Expenditures	5,569,624
					Total All Sources	8,124,192

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Benefits	25,690	0	0	0	0	0	0	0	0
Construction	0	400,000	0	400,000	515,000	530,450	546,364	562,754	2,554,568
Salaries	92,664	0	0	0	0	0	0	0	0
Services	12,166	0	0	0	0	0	0	0	0
Supplies	5,335,650	0	103,454	0	0	0	0	0	0
Subtotal	5,466,170	400,000	103,454	400,000	515,000	530,450	546,364	562,754	2,554,568
								Prior Year(s) Expenditures	5,569,624
								Total Project Cost	8,124,192

Project Number: EU66 **Project Title:** Fiber Optic Cable for Metro Area Network (MAN)

Department Name: Electric **CIP Status:** Changed - Recurring **Category Code:** A **Sector:** Northeast

Criteria Technology Projects **WF Number:** Various

Project Purpose:

This project supports other City Departments such as IT, Police, Fire, Emergency Management and DPU-W by providing funds for necessary installations, repairs and replacements of fiber optic cables and equipment that provide mission critical communications throughout the city.

Project Narrative:

Specific projects supported by this project include the Metropolitan Area Network (MAN) servicing all City owned and operated buildings including Naper Settlement, Naperville to Aurora Fiber Optic Communications for Radio System support as well as SCADA for Water network which provides a reliable, high speed communication backbone for DPU-W communication to water and waste water sites. Major long term benefits to the Naperville community include: 1) Cost sharing and reduction in Internet cost charges. 2) Connectivity between City facilities, libraries, and universities. 3) Connectivity for emergency management and sharing of resources. There are no projects planned for FY15 or FY16.

FY17 projects include the improvement, relocation or installation of fiber optic cables critical to the communications infrastructure.

External Funding Sources Available

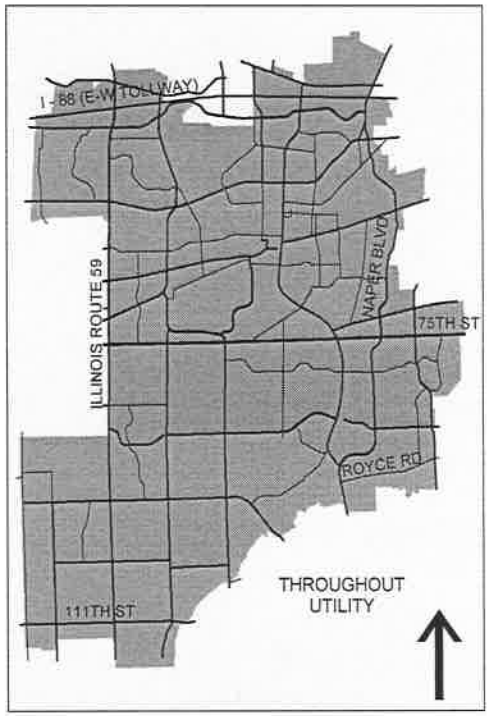
Public Library, Northern Illinois University

Projected Timetable

Systematically throughout the fiscal year. This project will require no additional staffing or resources.

Impact on Operating Budget

There will be no impact on Electric Utility operating budget. Other budgets may have seen a cost savings in comparison to what they would have paid to private internet providers.



Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Electric Utility	0	103,000	106,090	109,273	112,551	430,914
Subtotal	0	103,000	106,090	109,273	112,551	430,914
					Prior Year(s) Expenditures	367,874
					Total All Sources	798,787

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Benefits	19,413	0	0	0	0	0	0	0	0
Construction	241,345	0	0	0	103,000	106,090	109,273	112,551	430,914
Salaries	65,986	0	0	0	0	0	0	0	0
Services	1,128	0	0	0	0	0	0	0	0
Supplies	40,002	0	0	0	0	0	0	0	0
Subtotal	367,874	0	0	0	103,000	106,090	109,273	112,551	430,914
								Prior Year(s) Expenditures	367,874
								Total Project Cost	798,787

Project Number: EU78 **Project Title:** Supervisory Control And Data Acquisition

Department Name: Electric **CIP Status:** Changed - Recurring **Category Code:** B **Sector:** Various

Criteria Technology Projects **WF Number:**

Project Purpose:

This project improves the reliability of service to customers by upgrading and enhancing the Supervisory Control and Data Acquisition (SCADA) system that is used by system operators and engineering personnel to monitor, control and assess the health of the transmission, sub transmission and distribution system in Naperville.

Project Narrative:

Supervisory Control and Data Acquisition is used to monitor and control various devices located in each substation as well as the Distribution Automation devices located on 12kV feeders throughout Naperville. Key components of this system include the master station, workstations, video wall and map board located in the Electric Service Center as well as the Remote Terminal Units (RTUs), transducers, meters and relays located at each of the 16 substations. Also funded under this EU are projects which ensure the utility's compliance with NERC Critical Infrastructure Protection standards.

Projects planned for FY17 include the upgrades of automation system controllers at Springbrook and Route 59 substations.

External Funding Sources Available

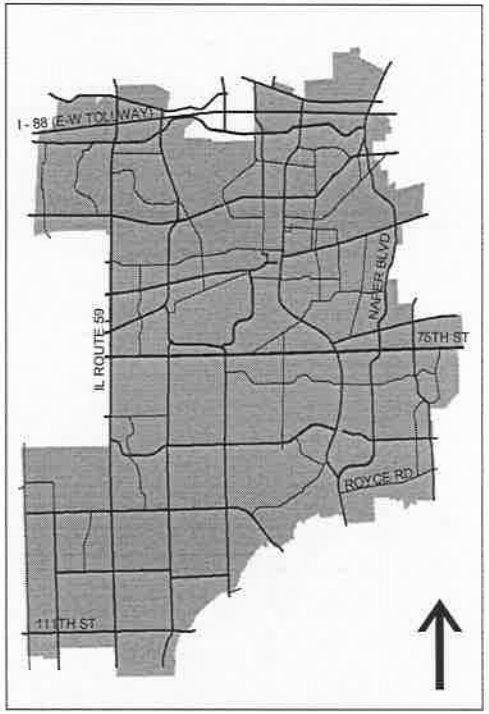
None

Projected Timetable

Systematically throughout fiscal year. This project will require no additional staffing or resources.

Impact on Operating Budget

There will be no impact on the operating budget.



Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Electric Utility	0	334,750	47,741	327,818	84,413	794,722
Subtotal	0	334,750	47,741	327,818	84,413	794,722
					Prior Year(s) Expenditures	668,973
					Total All Sources	1,463,695

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Benefits	4,823	0	2,308	0	0	0	0	0	0
Construction	599,348	0	25,872	0	0	0	0	0	0
Equip. & Furnishing	0	0	0	0	334,750	47,741	327,818	84,413	794,722
Salaries	14,288	0	8,234	0	0	0	0	0	0
Services	5,851	0	8,248	0	0	0	0	0	0
Supplies	0	0	0	0	0	0	0	0	0
Subtotal	624,311	0	44,661	0	334,750	47,741	327,818	84,413	794,722
								Prior Year(s) Expenditures	668,973
								Total Project Cost	1,463,695

Project Number: EU79 **Project Title:** Power Transformer Replacement

Department Name: Electric **CIP Status:** Changed - Recurring **Category Code:** A **Sector:** Various

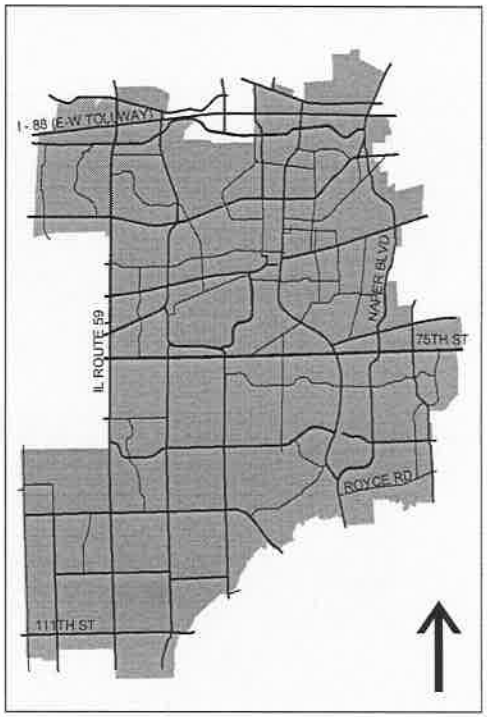
Criteria Infrastructure Replacement **WF Number:**

Project Purpose:

This project improves the reliability of service to customers via replacement of old power transformers that are approaching their end of life to maintain system performance and reliability.

Project Narrative:

Naperville has a total of 16 substations with an average of 2 power transformers per station. Some power transformers on the system are 40-50 years old and are approaching the end of their useful life. These power transformers are essential to providing power to each and every Naperville customer. Funds are being budgeted for the replacement of one transformer in FY16 (Lucent), and the replacement process will continue for 8 years thereafter. Due to other budget priorities FY18 and FY19 are being unfunded at this time.



External Funding Sources Available

None

Projected Timetable

First replacement in FY15-16

Impact on Operating Budget

No impact on operating budget. This will improve system reliability.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Electric Utility	650,000	721,000	0	0	1,125,509	2,496,509
Subtotal	650,000	721,000	0	0	1,125,509	2,496,509
					Prior Year(s) Expenditures	0
					Total All Sources	2,496,509

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Equip. & Maint.	0	0	0	650,000	721,000	0	0	1,125,509	2,496,509
Subtotal	0	0	0	650,000	721,000	0	0	1,125,509	2,496,509
								Prior Year(s) Expenditures	0
								Total Project Cost	2,496,509

Project Number: EU80 **Project Title:** Utility Infrastructure Hardware Replacement

Department Name: Electric **CIP Status:** Changed - Recurring **Category Code:** B **Sector:** Various

Criteria **WF Number:** Various

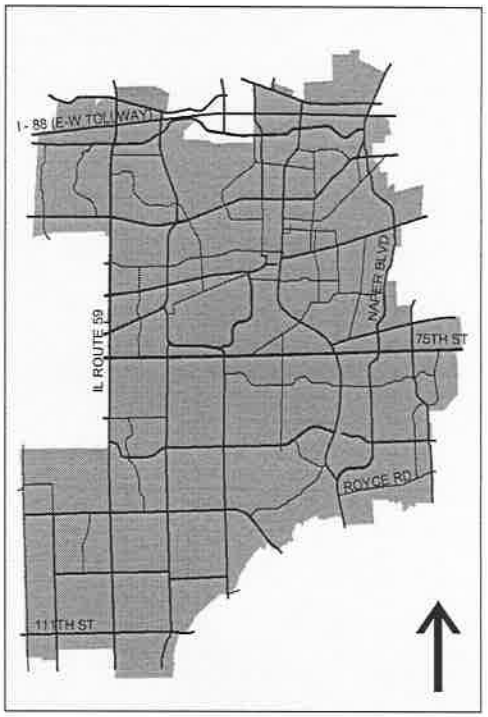
Infrastructure Replacement, Technology Projects

Project Purpose:

Replacement of utility hardware infrastructure supporting metering and billing operations at Electric Service Center and Municipal Center to support core functions of the electric utility.

Project Narrative:

Utility hardware infrastructure was purchased in 2013 and will need to be replaced after 2018 as vendors will only guarantee 5 years of support. This hardware is critical to the utility and is the basis for all metering and billing operations on the utility network.



External Funding Sources Available

None

Projected Timetable

To be determined in FY16 as project timeline is created.

Impact on Operating Budget

Approximately $86,000 in operating budget for maintenance costs that will start in FY 15 for existing software.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	86,000	86,000	86,000	86,000	86,000	430,000
Subtotal	86,000	86,000	86,000	86,000	86,000	430,000
					Prior Year(s) Impact	0
					Total Project Impact	430,000

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Electric Utility	0	0	0	109,273	281,377	390,650
Subtotal	0	0	0	109,273	281,377	390,650
					Prior Year(s) Expenditures	0
					Total All Sources	390,650

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	0	0	0	0	109,273	281,377	390,650
Subtotal	0	0	0	0	0	0	109,273	281,377	390,650
								Prior Year(s) Expenditures	0
								Total Project Cost	390,650

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Library

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CIP Executive Summaries

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FY 2016-2020 CIP
Naperville Public Library
Executive Summary

Prior Fiscal Years Summary and Highlights

Historically, the Library has funded most of its larger capital projects from its own Capital Reserve, requesting funds from the City only when the Library's projects exceed what the Capital Reserve can support or for major construction projects. In 2010, the library entered into an agreement with the City to limit the Capital Reserve Fund to $250,000, with any projects requiring funding above that amount funded through the city's CIP process. During past years, the Library completed several replacement items under LB014, including the replacement of the condenser unit at Nichols, column lighting at 95th Street and the recent vehicle purchase. Also, another project completed and funded internally were the roof replacements at the Nichols library (LB016) and at the Naper Boulevard library (LB017).

Fiscal Year 2016 - 2020 Summary

LB014 Maintenance and Emergencies

This project maintains a total in each year at $250,000. These funds will be used to support both planned and unanticipated small projects such as routine maintenance or minor capital expenditures. Such work could include: generator or UPS repairs, security cameras or other electrical or mechanical system work.

LB018 Carpet Replacement

This project is for the replacement of the carpet at the Nichols and Naper Boulevard libraries in FY15/FY16 and at the 95th Street library in FY17. The carpeting in the three facilities is currently over 28, 22 and 11 years old, respectively, and is at the end of its life in most of the building areas. It has become necessary to replace it before it becomes a hazard. The total cost is estimated to be $821,000. $396,000 has been approved and was funded in FY14 for Nichols and Naper Boulevard libraries. $425,000 for 95th Street Library in FY17 is unfunded.

LB019 Building Furniture Replacement

This project is for the replacement of furniture at the three facilities. With a recent review of the library buildings, it was found that the need for this replacement has become apparent. As one of the busiest libraries in Illinois, the furniture has seen a tremendous amount of use, and the chairs and tables have undergone several rounds of reupholstering and/or repair. The total cost is estimated to be unfunded of $1,062,500, and is in FY16 and FY17 following the replacement of the carpet.

LB020 Parking Lot Repairs

This project is for the replacing the parking lots at the facilities at the Naper Blvd. and the Ninety-Fifth libraries. These two locations have been deteriorating and will be in need of replacement in summer 2017 (FY18). These projects most likely will be coordinated and consolidated with the work that the city will be completing during the same period of time.

FY 2016-2020 CIP
Naperville Public Library
Executive Summary

LB021 Building Updating

This project is for the review and updating of each facility to maximize space utilization. In addition to the aging of our facilities (as noted above), we're faced with the changing use of libraries and library space. We have seen a reduction of some shelving areas and an increased demand for seating space and access to electricity, in addition to an increased demand for computers at Naper Blvd. Staff has moved forward with plans for a Digital Media Lab and the creation of a Business Incubator space at Nichols library, to name a few identified projects. In light of these shifting needs, it was decided to briefly delay replacement of carpeting until the completion of a space utilization review. We are addressing the needs of each facility, one at a time, starting with Naper Boulevard library in FY15 which will be funded thru internal funding and city bond. The unfunded estimated cost for the Nichols library in FY16 is at $900,000 and 95th Street library in FY17 is at $750,000.

LB022 Boiler/Condenser Replacement

The Naper Blvd. library will be over 23 years in 2015 and is in need of replacement of its HVAC systems. It currently runs at full capacity with no redundancy and the current vendor is unsure as to when it will fail. The system has very limited settings that would provide best system utilization for efficiency in cost control and building temperature. The estimated unfunded cost is $450,000 for FY16.

Naperville Public Library
FY16 Proposed CIP

Projects by Functional Area:

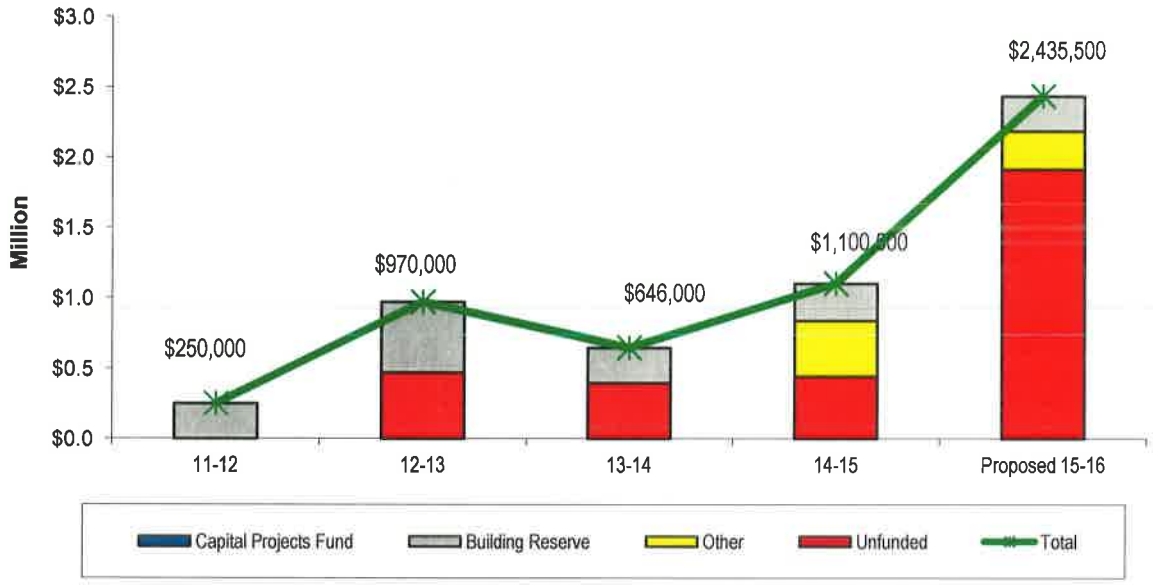
Service Delivery Enhancement	$	250,000
Building Maintenance		2,185,500
	$	**2,435,500**

Revenue Sources:

G.O. Bond: Prior Issue	$	273,000
Library Building Reserve		250,000
	$	**523,000**

Current Unfunded	**$**	**1,912,500**

Five Year Historical Budget and Source of Funds of Library CIP Projects



Naperville Public Library
Projects by Function for FY15-16

Project #	Description of Project	G.O. Bond: Prior Issue	Library Building Reserve	Unfunded	Grand Total
Service Delivery Enhancement					
LB014	Maintenance & Emergencies	-	250,000	-	**250,000**
Total		**-**	**250,000**	**-**	**250,000**
Building Maintenance					
LB018	Building Carpet Replacement	273,000	-	-	**273,000**
LB019	Building Furniture Replacement	-	-	562,500	**562,500**
LB021	Building Updating	-	-	900,000	**900,000**
LB022	Boiler/Condensor Replacement	-	-	450,000	**450,000**
Total		**273,000**	**-**	**1,912,500**	**2,185,500**
Grand Total		**$ 273,000**	**$ 250,000**	**$ 1,912,500**	**$ 2,435,500**

CITY OF NAPERVILLE. ILLINOIS --- SUMMARY OF PROJECT ESTIMATES --- CAPITAL IMPROVEMENTS PROGRAM
PROJECTS EXPRESSED WITH 3% INFLATION FACTOR

Department: **Naperville Public Library**

	WF #	Estimated Total Cost	Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20
LB014	None	Annual		Maintenance & Emergencies				
		1,250,000	L	250,000	250,000	250,000	250,000	250,000
	Project Total	**1,250,000**		**250,000**	**250,000**	**250,000**	**250,000**	**250,000**
LB018		Changed - Non Recurring		Building Carpet Replacement				
		273,000	B	273,000	0	0	0	0
		425,000	U	0	425,000	0	0	0
	Project Total	**698,000**		**273,000**	**425,000**	**0**	**0**	**0**
LB019		Changed - Non Recurring		Building Furniture Replacement				
		1,062,500	U	562,500	500,000	0	0	0
	Project Total	**1,062,500**		**562,500**	**500,000**	**0**	**0**	**0**
LB020		Changed - Non Recurring		Parking Lot Repairs				
		500,000	U	0	0	500,000	0	0
	Project Total	**500,000**		**0**	**0**	**500,000**	**0**	**0**
LB021		Changed - Non Recurring		Building Updating				
		1,650,000	U	900,000	750,000	0	0	0
	Project Total	**1,650,000**		**900,000**	**750,000**	**0**	**0**	**0**
LB022		New		Boiler/Condensor Replacement				
		450,000	U	450,000	0	0	0	0
	Project Total	**450,000**		**450,000**	**0**	**0**	**0**	**0**
	Department Total	**5,610,500**		**2,435,500**	**1,925,000**	**750,000**	**250,000**	**250,000**

A) GENERAL FUND B) G.O. BOND: PRIOR ISSUES C) CAPITAL PROJECTS FUND CF) SPECIAL EVENTS AND CULTURAL AMENITIES FUND D) DEVELOPER CONTRIBUTION E) SPECIAL ASSESSMENT F) WATER UTILITY G) OTHER GOVERNMENT GE) OTHER GOVERNMENT: ENTERPRISE H) MOTOR FUEL TAX IC) IMPACT FEES: CITY IU) IMPACT FEES: CITY UNFUNDED IW) IMPACT FEE: WILL COUNTY J) ELECTRIC UTILITY L) LIBRARY BUILDING RESERVES LH) LOCAL MOTOR FUEL TAX N) BURLINGTON NORTHERN RAILROAD O) DOWNTOWN PARKING SOLUTION OR) OTHER ROAD FUNDING SOURCE P) PRIVATE CONTRIBUTIONS Q) REPLACEMENT FUND R) ROAD & BRIDGE FUND S) SIDEWALK FUND T) OTHER GOVERNMENT: PENDING TF) TIF U) UNFUNDED CAPITAL V) UNFUNDED ELECTRIC W) UNFUNDED WATER

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New Projects

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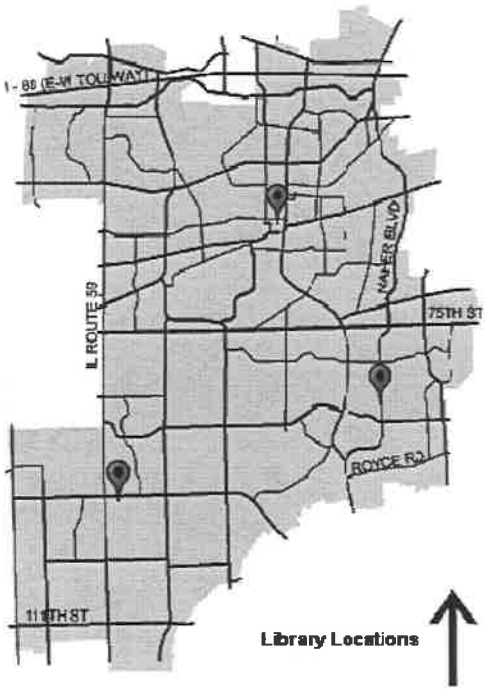
Project Number: LB022 **Project Title:** Boiler/Condensor Replacement
Department Name: Naperville Public Library **CIP Status:** New **Category Code:** A **Sector:** Various
Criteria Need **WF Number:**

Project Purpose:
Provide funding for the replacement of the HVAC systems at Naper Blvd Library.

Project Narrative:
The boiler and condenser equipment will be over 23 years in 2015. The systems now run at full capacity, the maintenance vendor recommends replacement before failure.



External Funding Sources Available

Projected Timetable
FY16

Impact on Operating Budget
None

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	450,000	0	0	0	0	450,000
Subtotal	450,000	0	0	0	0	450,000
					Prior Year(s) Expenditures	0
					Total All Sources	450,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Equip. & Maint.	0	0	0	450,000	0	0	0	0	450,000
Subtotal	0	0	0	450,000	0	0	0	0	450,000
								Prior Year(s) Expenditures	0
								Total Project Cost	450,000

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Non-Recurring Projects

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Project Number: LB018 **Project Title:** Building Carpet Replacement

Department Name: Naperville Public Library **CIP Status:** Changed - Non Recurring **Category Code:** A **Sector:** Various

Criteria Need **WF Number:**

Project Purpose:

To provide funding for replacement of carpet at the three library facilities.

Project Narrative:

The three facilities in 2015 will be over 29, 23 and 12 years respectively. The aging of each facility and its furnishings has become apparent. The carpet at each facility has reached the end of its life, and it is necessary to replace it before it becomes a hazard.

External Funding Sources Available

None

Projected Timetable

2 years

Impact on Operating Budget

None

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
G.O. Bond: Prior Issues	273,000	0	0	0	0	273,000
Unfunded Capital	0	425,000	0	0	0	425,000
Subtotal	273,000	425,000	0	0	0	698,000
					Prior Year(s) Expenditures	1,439
					Total All Sources	699,439

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Equip. & Furnishing	0	396,000	0	273,000	425,000	0	0	0	698,000
Services	0	0	1,439	0	0	0	0	0	0
Subtotal	0	396,000	1,439	273,000	425,000	0	0	0	698,000
								Prior Year(s) Expenditures	1,439
								Total Project Cost	699,439

Project Number: LB019 **Project Title:** Building Furniture Replacement

Department Name: Naperville Public Library **CIP Status:** Changed - Non Recurring **Category Code:** A **Sector:** Various

Project Purpose: **Criteria** **WF Number:**

To provide funding for replacement of furniture at the three library facilities. Need

Project Narrative:

The three facilities in 2015 will be over 29, 23 and 12 years respectively. The aging of each facility and its furnishings has become apparent. As one of the busiest facilities in Illinois, the furniture has seen a tremendous amount of use, and the chairs and tables have undergone several rounds of reupholstering and/or repair. The replacement of the worn out furniture will be more cost effective.

External Funding Sources Available

None

Projected Timetable

2 years

Impact on Operating Budget

None

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	562,500	500,000	0	0	0	1,062,500
Subtotal	562,500	500,000	0	0	0	1,062,500
					Prior Year(s) Expenditures	0
					Total All Sources	1,062,500

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Equip. & Furnishing	0	85,000	0	562,500	500,000	0	0	0	1,062,500
Subtotal	0	85,000	0	562,500	500,000	0	0	0	1,062,500
								Prior Year(s) Expenditures	0
								Total Project Cost	1,062,500

Project Number: LB020 **Project Title:** Parking Lot Repairs
Department Name: Naperville Public Library **CIP Status:** Changed - Non Recurring **Category Code:** A **Sector:** Various
Criteria Need **WF Number:**

Project Purpose:
To provide funding for the section repair/replacement, sealing and striping at all three library facilities.

Project Narrative:
The parking lots at Naper Boulevard and 95th libraries are now over 23 and 12 years, respectively. Both locations are in need of repairs and section replacement. Also, all three library locations will be in need of sealing and striping. These projects will be coordinated and consolidated with the work that the city will be completing at the same period of time.

External Funding Sources Available
None

Projected Timetable
Summer 2017.

Impact on Operating Budget
None

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	0	0	500,000	0	0	500,000
Subtotal	0	0	500,000	0	0	500,000
					Prior Year(s) Expenditures	57,438
					Total All Sources	557,438

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	57,438	0	0	0	0	0	0
Equip. & Maint.	0	75,000	0	0	0	500,000	0	0	500,000
Subtotal	0	75,000	57,438	0	0	500,000	0	0	500,000
								Prior Year(s) Expenditures	57,438
								Total Project Cost	557,438

Project Number: LB021 **Project Title:** Building Updating

Department Name: Naperville Public Library **CIP Status:** Changed - Non Recurring **Category Code:** A **Sector:** Various

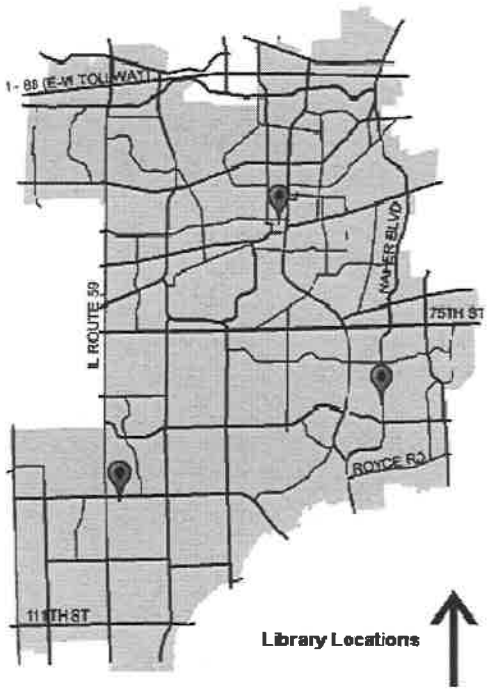
Criteria Need **WF Number:**

Project Purpose:

The updating of each facility for the best space utilization.

Project Narrative:

Review and updating of each facility to allow for the maximization of space utilization. Reduction of shelving and possible usage for projects such as digital medialab, more computer space, creation of business incubator, etc.



External Funding Sources Available

None

Projected Timetable

2 years

Impact on Operating Budget

None

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	900,000	750,000	0	0	0	1,650,000
Subtotal	900,000	750,000	0	0	0	1,650,000
					Prior Year(s) Expenditures	137,013
					Total All Sources	1,787,013

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	13,410	0	0	0	0	0	0
Equip. & Furnishing	0	281,500	0	900,000	750,000	0	0	0	1,650,000
Services	0	0	123,603	0	0	0	0	0	0
Subtotal	0	281,500	137,013	900,000	750,000	0	0	0	1,650,000
								Prior Year(s) Expenditures	137,013
								Total Project Cost	1,787,013

Recurring Projects

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Project Number: LB014 **Project Title:** Maintenance & Emergencies
Department Name: Naperville Public Library **CIP Status:** Annual **Category Code:** B **Sector:** Various
Project Purpose: **Criteria** **WF Number:** None
To provide funding for irregular maintenance or repairs as well as emergencies Customer Satisfaction, Need

Project Narrative:
As communicated to City Council, the Library will manage its annual capital maintenance and small purchases to an amount not to exceed $250,000 per year. These funds will be used to support both planned and unanticipated small projects of a routine maintenance or minor capital expenditure nature. Such work would include: generator or UPS repairs or replacements; and concrete work at Nichols and Naper Blvd.

External Funding Sources Available
Library Building Reserves

Projected Timetable
This annual project will repair or replace the Library capital infrastructure as needed.

Impact on Operating Budget
None

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Library Building Reserves	250,000	250,000	250,000	250,000	250,000	1,250,000
Subtotal	250,000	250,000	250,000	250,000	250,000	1,250,000
					Prior Year(s) Expenditures	496,014
					Total All Sources	1,746,014

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Equip. & Maint.	0	263,000	0	250,000	250,000	250,000	250,000	250,000	1,250,000
Services	461,614	0	34,400	0	0	0	0	0	0
Subtotal	461,614	263,000	34,400	250,000	250,000	250,000	250,000	250,000	1,250,000
								Prior Year(s) Expenditures	496,014
								Total Project Cost	1,746,014

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Naper Settlement

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CIP Executive Summaries

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FY2016-2020 CIP
Naper Settlement
Executive Summary

Fiscal Year 2014 - 2015 Summary and Highlights

During the past year, an exterior ramp and lift were installed at the Meeting House, NS044. This supports replacement of a 17 year old ADA lift in the Meeting House, whose replacement parts were no longer available. This was completed with all funding coming from CDBG grant. Compliance with ADA accommodations requirements is a necessity. The planning and design of the Rita (Fredenhagan) and John Harvard Learning Playscape, NS053, happened in FY15. The funding for the planning and design was due in large part to private donations.

Several capital projects are planned to continue after fiscal year 2015. In fiscal year 2015, construction of a lift at the heavily visited Mansion, NS044, will create a greater independence for visitors as it is a preferred entry method for ease of access. The project is partially funded by a CDBG grant. The future site-wide electrical replacement is identified in NS048 for FY15. This project has received all funding through an IDNR grant. This will maximize usage requirements and accommodate future needs of the 30-40 year old system which must be replaced. The Rita (Fredenhagan) and John Harvard Early Learning Playscape, NS053, was started and completed in FY15. This was completed using CIP money along with private funding, SECA funds, donations and funding from the Naperville Park District. The Rita (Fredenhagan) and John Harvard Early Learning Playscape is intended to provide exploration activities for the youngest visitors, ages 2 through 7, in a themed play environment built within the modified fort structure. Site-wide interpretive signage, budgeted in NS049, which began in FY15 with new template design with fabrication and installation and is due to be completed by year end. The $109,000 project has received a $53,975 grant from the Illinois Bureau of Tourism. This project supports the development and replacement of the 15 year old deteriorating signs.

Fiscal Years 2016 - 2020 Summary

NS050, PEH Exhibit Upgrade, supports more efficient options to preserve the artifacts displayed in the *Brushstrokes of the Past* exhibition. The gallery's exhibition lighting and graphic panels are aged, have passed their useful life span and are beginning to fail. This project will receive a grant for $4,387.50 in FY16 from the Illinois Municipal Electric Agency. NS054, Collections Storage Equipment, includes purchase and installation of new storage equipment for safe housing and collection acquisitions. Artifacts from service groups and organizations throughout Naperville's history will be stored with care to ensure long-term preservation of the artifacts. This project is due to begin FY16. NS055, Welcome Center/Entryway Improvements, will provide for a more visible full-service entranceway into the Naper Settlement. Fundraising is underway to support the majority of the cost, however it is projected that $500,000 (split between two fiscal years) is needed to support infrastructure needs. NS051, it is anticipated that physical changes at Naper Settlement will cause a reexamination of how the permanent gallery space with-in the Pre-Emption house is utilized.

Fiscal Years 2021-2025 Summary

The landscape master plan, NS030, has been pushed out into fiscal year 2024 due to capital planning that may impact overall landscape design. Sprinkler system expansion, budgeted in NS045, continues with selected gardens in fiscal year 2024. NS044, Life Safety and Security Improvements, had in previous years included plans for addressable fire and burglar panels and a public address system. These improvements are no longer in the plan as it has been determined there is not an immediate need; however, they will continue to be evaluated along with City fire and police representatives. The current exhibition will need an overhaul to remain current with student and visitor needs as it will be between 18-23 years old. The preservation of the Martin Mitchell Mansion and its artifacts are an integral part of the museum's mission. In fiscal year 2022, NS052, the HVAC unit will be 20 years old and critical to providing environmental conditions conducive to preserving the building and artifacts exhibited within.

Departmental Criteria

Naper Settlement's Capital Improvement Program focuses on the primary aspects of the museum's mission to preserve and educate in a safe and quality manner. Preservation projects are designed to ensure the long-term existence of historical buildings and objects. Related activities include landscape and roadway improvements that directly impact effective and efficient maintenance of these treasured properties. Other improvements support the educational infrastructure that is essential for the high quality presentation of Naperville's heritage to students and visitors today and in the future. Within each of these broad functions, specific criteria have been developed to evaluate the need for individual projects. The criteria were identified through the vision, goals and objectives outlined in the museum's long-range plan, which has been endorsed by its governing boards. The evaluation criteria are:

Cost/Benefit, Operational Efficiency
Projects that have a positive impact on the operating budget including:
- Repair vs. replacement costs analysis.
- Projects that produce immediate and direct revenue.
- Projects that produce long-term revenue.
- Projects that improve operating procedures.

Safety and ADA
Projects needed to ensure public and/or work place safety.
Projects that are required to meet or enhance ADA accessibility.

Customer Satisfaction
Projects needed to enhance customer satisfaction.

Accreditation
Projects related to AAM accreditation recommendations, standards, and best practices.

Preservation
Projects related to the preservation of historical assets and relevant to the museum's long-range plan.

Educational
Projects related to the museum's educational mission and long-range plan.

Environmental Sustainability
Projects related to "green" initiatives, environmental conservation and/or energy savings.

Government Compliance
Projects required to meet compliance standards of regulating bodies.

Naper Settlement
FY16 Proposed CIP

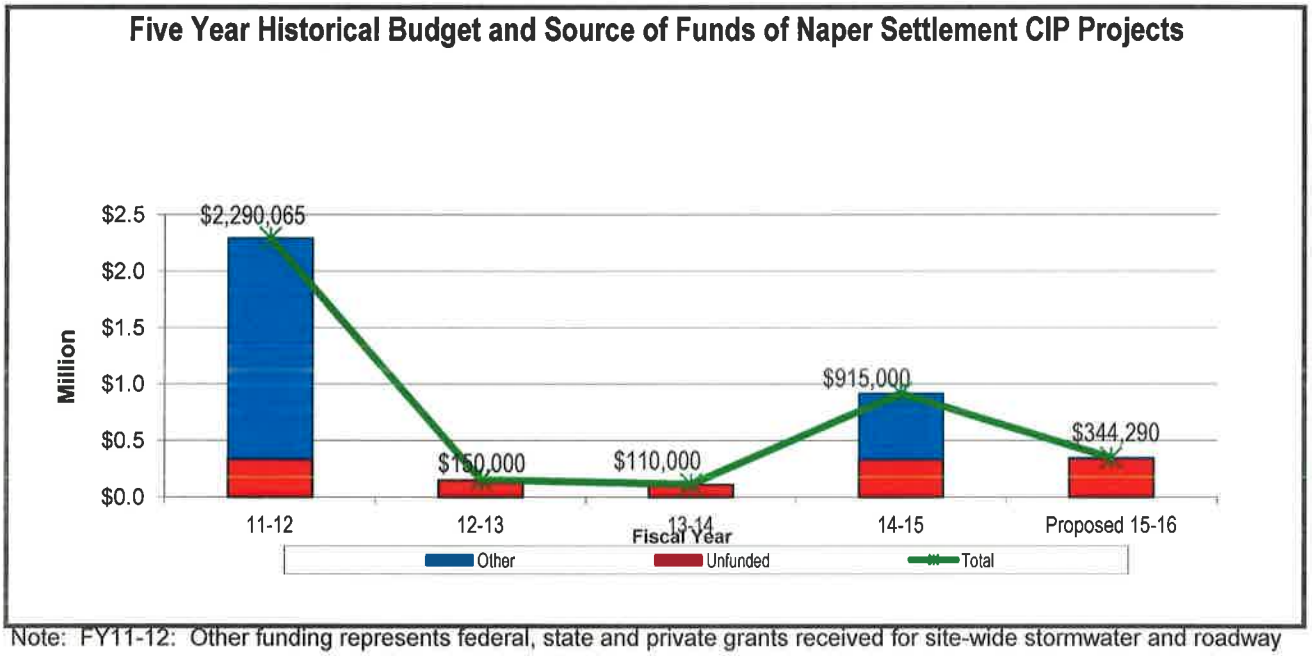
Projects by Functional Area:

Infrastructure		147,290
Historical Research and Preservation		197,000
	$	**344,290**

Revenue Sources:

Other Government	$	4,388
	$	**4,388**

Current Unfunded	**$**	**339,902**



Note: FY11-12: Other funding represents federal, state and private grants received for site-wide stormwater and roadway improvement project.

Naper Settlement
Projects by Function for FY15-16

Funding Sources:

Project #	Description of Project	Other Government	Unfunded	Grand Total
Infrastructure				
NS050	PEH Exhibit Upgrade	4,388	142,902	**147,290**
Total		**4,388**	**142,902**	**147,290**
Historical Research and Preservation				
NS054	Collections Storage Equipment	-	197,000	**197,000**
Total		**-**	**197,000**	**197,000**
Grand Total		**$ 4,388**	**$ 339,902**	**$ 344,290**

CITY OF NAPERVILLE. ILLINOIS --- SUMMARY OF PROJECT ESTIMATES --- CAPITAL IMPROVEMENTS PROGRAM
PROJECTS EXPRESSED WITH 3% INFLATION FACTOR

Department: **Naper Settlement**

	WF #	Estimated Total Cost	Funding Source		FY15-16	FY16-17	FY17-18	FY18-19	FY19-20
NS050	None	Changed - Recurring		PEH Exhibit Upgrade					
		4,388	G		4,388	0	0	0	0
		142,902	U		142,902	0	0	0	0
	Project Total	**147,290**			**147,290**	**0**	**0**	**0**	**0**
NS051	None	Previous Year - No Change		Pre-Emption House Exhibition Gallery changes					
		281,377	U		0	0	0	0	281,377
	Project Total	**281,377**			**0**	**0**	**0**	**0**	**281,377**
NS054	(none)	New		Collections Storage Equipment					
		197,000	U		197,000	0	0	0	0
	Project Total	**197,000**			**197,000**	**0**	**0**	**0**	**0**
NS055		New		Welcome Center/Entryway Improvements					
		522,725	U		0	257,500	265,225	0	0
	Project Total	**522,725**			**0**	**257,500**	**265,225**	**0**	**0**
	Department Total	**1,148,392**			**344,290**	**257,500**	**265,225**	**0**	**281,377**

A) GENERAL FUND B) G.O. BOND: PRIOR ISSUES C) CAPITAL PROJECTS FUND CF) SPECIAL EVENTS AND CULTURAL AMENITIES FUND D) DEVELOPER CONTRIBUTION E) SPECIAL ASSESSMENT F) WATER UTILITY G) OTHER GOVERNMENT GE) OTHER GOVERNMENT: ENTERPRISE H) MOTOR FUEL TAX IC) IMPACT FEES: CITY IU) IMPACT FEES: CITY UNFUNDED IW) IMPACT FEE: WILL COUNTY J) ELECTRIC UTILITY L) LIBRARY BUILDING RESERVES LH) LOCAL MOTOR FUEL TAX N) BURLINGTON NORTHERN RAILROAD O) DOWNTOWN PARKING SOLUTION OR) OTHER ROAD FUNDING SOURCE P) PRIVATE CONTRIBUTIONS Q) REPLACEMENT FUND R) ROAD & BRIDGE FUND S) SIDEWALK FUND T) OTHER GOVERNMENT: PENDING TF) TIF U) UNFUNDED CAPITAL V) UNFUNDED ELECTRIC W) UNFUNDED WATER

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New Projects

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Project Number: NS054 **Project Title:** Collections Storage Equipment
Department Name: Naper Settlement **CIP Status:** New
Category Code: B **Sector:** Northwest
Criteria Preservation **WF Number:** (none)

Project Purpose:
Naper Settlement requests an investment of $197,000 in the preservation of the community's material culture via purchase and installation of mobile carriages at the museum's Fort Hill Collections Care & Storage Facility. Additional museum-quality mobile storage equipment is needed to accommodate dramatic growth of the museum artifacts

Project Narrative:
The project includes purchase and installation of new storage equipment for safe housing of collection acquisitions. The mobile equipment requested includes 10 wide-span and archival mobile carriages equipped with specific shelving, drawers and flat file storage systems. All equipment has a baked, powder-coated finish and is non off-gassing, non-reactive and solvent free to ensure the long-term preservation of the historic material it's to store. Museum staff and curatorial-trained volunteers will incorporate the rehousing and location of collection materials to the new storage equipment.

External Funding Sources Available
IMEA Grant $4,837.50

Projected Timetable
FY 16

Impact on Operating Budget
There will be no impact on the operating budget

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	197,000	0	0	0	0	197,000
Subtotal	197,000	0	0	0	0	197,000
					Prior Year(s) Expenditures	0
					Total All Sources	197,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	0	197,000	0	0	0	0	197,000
Subtotal	0	0	0	197,000	0	0	0	0	197,000
								Prior Year(s) Expenditures	0
								Total Project Cost	197,000

Project Number: NS055 **Project Title:** Welcome Center/Entryway Improvements

Department Name: Naper Settlement **CIP Status:** New **Category Code:** B **Sector:**

Criteria **WF Number:**

Cost/Benefit, Operational Efficiency

Project Purpose:

Naper Settlement's facility development plan includes a Welcome Center and entryway improvements to create a full-service entry point to serve all incoming visitors to the museum. With sustainable design and technology-driven features, the Welcome Center and entryway improvements will provide a more visible and efficient means by which

Project Narrative:

Naper Settlement is looking to build a full-service entryway Welcome Center. This will be off of Aurora Ave and give visitors a more visible and efficient entrance way and allow for even greater customer service. This has been identified as a goal of for the improvement in the Naperville Downtown 2030 plan as a beautification of Eagle St and Aurora Ave.

External Funding Sources Available

Projected Timetable

FY 17-18

Impact on Operating Budget

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	0	257,500	265,225	0	0	522,725
Subtotal	0	257,500	265,225	0	0	522,725
					Prior Year(s) Expenditures	0
					Total All Sources	522,725

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	0	0	257,500	265,225	0	0	522,725
Subtotal	0	0	0	0	257,500	265,225	0	0	522,725
								Prior Year(s) Expenditures	0
								Total Project Cost	522,725

Non-Recurring Projects

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Project Number: NS051 **Project Title:** Pre-Emption House Exhibition Gallery changes

Department Name: Naper Settlement **CIP Status:** Previous Year - No Change **Category Code:** B **Sector:** Northwest

Criteria Preservation, Educational **WF Number:** None

Project Purpose:

By FY20-25, it is anticipated that physical changes at Naper Settlement will cause a reexamination of how the permanent gallery space within the Pre-Emption House is utilized. The current exhibition will need an overhaul to remain current with students and visitor needs, as it will be between 18-23 years old.

Project Narrative:

While it is difficult to identify the particulars, staff acknowledge the Brushstrokes of the Past permanent exhibition itself will need to be updated in a significant manner, or the space converted to meet alternate needs if other exhibition space is provided through different means or location. Current concept plans may be achieved by then, allowing for re-purposing of the gallery space into needed indoor cafeteria space for students and families who visit the museum throughout the year (including winter) and/or large programmatic space that would allow expanded programming (and revenue-producing) opportunities for the museum, and community groups looking to rent such space for their programming needs.

External Funding Sources Available

None

Projected Timetable

FY20-25 TBD

Impact on Operating Budget

Cannot project a change in operating budgetary needs at this time.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Unfunded Capital	0	0	0	0	281,377	281,377
Subtotal	0	0	0	0	281,377	281,377
					Prior Year(s) Expenditures	0
					Total All Sources	281,377

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	0	0	0	0	0	258,867	258,867
Consultant	0	0	0	0	0	0	0	22,510	22,510
Subtotal	0	0	0	0	0	0	0	281,377	281,377
								Prior Year(s) Expenditures	0
								Total Project Cost	281,377

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Recurring Projects

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Project Number: NS050 **Project Title:** PEH Exhibit Upgrade

Department Name: Naper Settlement **CIP Status:** Changed - Recurring **Category Code:** B **Sector:** Northwest

Criteria **WF Number:** None

Cost/Benefit, Operational Efficiency, Safety and Americans with Disabilities Act , Customer Satisfaction, Preservation, Educational

Project Purpose:

Naper Settlement shares Naperville's cultural heritage with families and school children year round. Key to that experience is the Brushstrokes of the Past exhibition, housed in a 3,800 sq ft gallery in the lower level of the Pre-Emption House Visitor Center. The gallery's exhibition lighting and graphic panels are aged and beginning to fail.

Project Narrative:

A lighting plan designed to meet museum exhibition and conservation standards for the 3,800 sq ft gallery hall will be developed in the first stage of the project. Implementation of the plan will include installation of any new electrical grid required, energy-efficient lamps, appropriate bulbs and accessories to appropriately direct light and highlight artifacts. Graphic panel replacement will require reprinting and laminating the panels based on the original graphic designs. Once completed, the replacement panels will be switched out with the old.

External Funding Sources Available

IMEA $4,388

Projected Timetable

2015 - Complete lighting design schematics

2016 - Install new lighting system; replace graphic panels where adhesives are failing and unable to repair in-house.

Impact on Operating Budget

Depending on lighting system chosen, there may be a reduced use of electricity. Any reduction in electrical usage will be reallocated within the building & grounds budget to address other maintenances and repairs at the museum.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Other Government	4,388	0	0	0	0	4,388
Unfunded Capital	142,902	0	0	0	0	142,902
Subtotal	147,290	0	0	0	0	147,290
					Prior Year(s) Expenditures	10,000
					Total All Sources	157,290

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	10,000	147,290	0	0	0	0	147,290
Consultant	0	16,000	0	0	0	0	0	0	0
Subtotal	0	16,000	10,000	147,290	0	0	0	0	147,290
								Prior Year(s) Expenditures	10,000
								Total Project Cost	157,290

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Appendix A

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Project Number: NS048 **Project Title:** Site-wide Electrical Replacement

Department Name: Naper Settlement **CIP Status:** Appendix A **Category Code:** B **Sector:** Northwest

Criteria **WF Number:** None

Safety and Americans with Disabilities Act , Customer Satisfaction, Preservation, Educational

Project Purpose:

The electrical infrastructure consists of a primary electrical line in a daisy chain layout. All buildings with the exception of the Pre-Emption House (which has its own transformer) are fed through this line, which provides single phase power to the buildings. The 30-40 year old infrastructure is in need of replacement.

Project Narrative:

To maximize usage needs and accommodate future needs, the improvement plan replaces the existing single phase infrastructure with a 480 volt three phase distribution system. A 500kVA utility company transformer and meter would provide 480 Volt power to the site, through NDPU-E. The project provides the museum with a 600 Amp 480/277 Volt outdoor distribution panel that would provide power to smaller step down transformers to provide 240/120 volt power to the existing buildings. The Martin Mitchell Mansion and Chapel would be provided with three-phase power, allowing for more cost-effective options related to building systems such as HVAC, which provides for the preservation of these historical structures. Ability to power off individual buildings, new electrical panels in buildings, and added power tie-in capability for events in two grounds locations are included in the project.

External Funding Sources Available

T - Illinois Museum Capital Grant $527,800

Projected Timetable

2014 - Design schematics and bid documents

FY 2015- Completion

Impact on Operating Budget

It is not expected to have an impact on operating budget. Any expenses previously used to make bandage repairs will be redirected into other historic building preservation and maintenance needs.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Subtotal	0	0	0	0	0	0
					Prior Year(s) Expenditures	29,200
					Total All Sources	29,200

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	29,200	260,000	0	0	0	0	0	0	0
Consultant	0	0	0	0	0	0	0	0	0
Subtotal	29,200	260,000	0	0	0	0	0	0	0
								Prior Year(s) Expenditures	29,200
								Total Project Cost	29,200

Project Number: NS049 **Project Title:** Site-wide signage

Department Name: Naper Settlement **CIP Status:** Appendix A **Category Code:** B **Sector:** Northwest

Criteria Customer Satisfaction, Educational **WF Number:** None

Project Purpose:

Current interpretive and way finding signs throughout the museum campus are deteriorating after 15 years of exposure to the elements. This project request supports development of a new template for durable, colorful, and engaging signs to replace the worn, outdated signs.

Project Narrative:

Interpretive signage at Naper settlement needs replacement. New methods of design and production mean more engaging techniques will draw visitors in to the stories and pictures of the past, which help convey a shared history. Graphic images, historic photographs, QR codes and calls to action will be interwoven with the written word to allow visitors and school children to further engage in learning experiences throughout the campus. Prototyping a new design will be utilized to develop approximately 30-40 signs for buildings and site features at Naper Settlement (including production of the sign, purchase of posts and installation). Visitor feedback is supportive of this need, with comparison made to the signage at the Naper Homestead and the six educational signs installed at Naper Settlement in 2011 highlighting the locations and reasons why various stormwater best management practices were installed.

External Funding Sources Available

G - Illinois Department of Commerce and Economic Opportunity $54,000 reflects a reduction of $68,000

Projected Timetable

2014 - Design; prototyping

2015 - Production & installation of the signs needed

Impact on Operating Budget

Cannot project change in operating budgetary needs at this time.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Subtotal	0	0	0	0	0	0
					Prior Year(s) Expenditures	55,000
					Total All Sources	55,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	55,000	0	0	0	0	0	0
Consultant	0	109,000	0	0	0	0	0	0	0
Subtotal	0	109,000	55,000	0	0	0	0	0	0
								Prior Year(s) Expenditures	55,000
								Total Project Cost	55,000

Project Number: NS053 **Project Title:** Fort Payne Learning Playscape

Department Name: Naper Settlement **CIP Status:** Appendix A **Category Code:** B **Sector:** Northwest

Criteria **WF Number:**

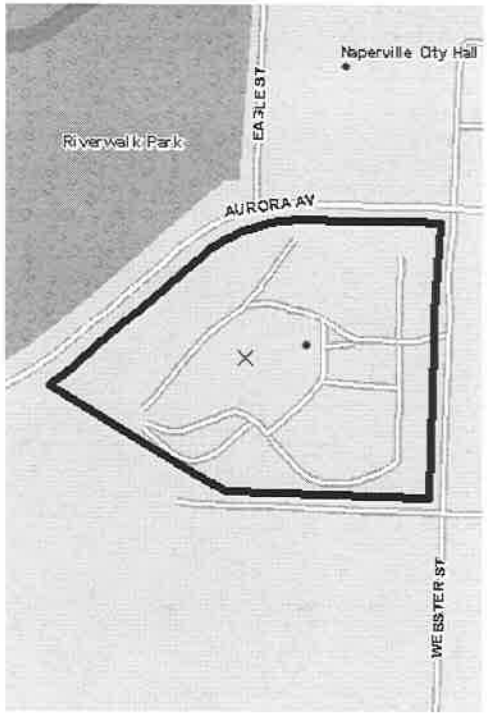
Cost/Benefit, Operational Efficiency, Customer Satisfaction, Educational, Environmental Sustainability

Project Purpose:

Naper Settlement's strategic goal is to share the community's heritage with residents and visitors. The Fort Payne Learning Playscape will offer an outdoor, environmental education experience complementary to other Naperville facilities.

Project Narrative:

The Fort Payne Learning Playscape is intended to provide exploration activities for the youngest visitor, ages 2 through 7, in a themed play environment built within the modified fort structure. This almost 10,000 square foot area will include a play space with climbing structures, storefront and rubber play surface; a splash pad area with spray featrues and seating; and a gathering space which will include a sensory garden and shade tent structure.



External Funding Sources Available

G - Government grant contributions $65,000 P - Private sources $143,000

Projected Timetable

2015 expected completion

Impact on Operating Budget

Cannot project change in operating budgetary needs at this time.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Subtotal	0	0	0	0	0	0
					Prior Year(s) Expenditures	262,000
					Total All Sources	262,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	465,000	262,000	0	0	0	0	0	0
Subtotal	0	465,000	262,000	0	0	0	0	0	0
								Prior Year(s) Expenditures	262,000
								Total Project Cost	262,000

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Appendix B

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Project Number: NS045 **Project Title:** Sprinkler System Expansion
Department Name: Naper Settlement **CIP Status:** Appendix B **Category Code:** B **Sector:** Northwest
Criteria **WF Number:** (none)

Project Purpose:
Expand existing lawn sprinkler system to provide efficient watering coverage to highly visible garden and specialty areas.

Project Narrative:
This project provides for the installation of expanded sprinkler lines, distribution heads, and controllers in highly visible gardens and grounds at key buildings or locations within the museum campus. Installation of additional systems will provide for more efficient use of both water and human resources. Additionally, sprinklers will make it easier to present well-maintained gardens for the enjoyment of guests, as well as backgrounds for photographs. The planned installation has been moved out to FY20-25. The total amount of this project is $33,000.

External Funding Sources Available
None

Projected Timetable
A phased approach was planned. This phase has again been pushed out in consideration of budget constraints and logical sequencing given potential future projects. FY20-25 - Implementation of irrigation system expansion

Impact on Operating Budget
Decreased water costs of approximately $480 annually per system due to more efficient watering. Sprinkler maintenance is anticipated to increase $180 for each new system. Efficiency savings will be utilized for building maintenance or restoration needs.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Subtotal	0	0	0	0	0	0
					Prior Year(s) Expenditures	16,351
					Total All Sources	16,351

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	16,351	0	0	0	0	0	0	0	0
Subtotal	16,351	0	0	0	0	0	0	0	0
								Prior Year(s) Expenditures	16,351
								Total Project Cost	16,351

Project Number: NS030 **Project Title:** Landscape Master Restoration Plan

Department Name: Naper Settlement **CIP Status:** Appendix B **Category Code:** B **Sector:** Northwest

Criteria **WF Number:** (none)

Project Purpose:

A needed update of the museum's master landscape plan is to provide for a cohesiveness and general approach in creating spaces conducive to community gathering and engagement. Objectives for hard and soft scapes in 22 specific land parcels will modify or create outdoor interpreted spaces throughout the City's 12-acre museum site.

Project Narrative:

Historically appropriate landscaping was identified through marketing studies and community focus groups as a continuing long-term goal for Naper Settlement. This project is intended to provide updates for landscape designs and specifications in needed spaces, not the implementation of such plans. Implementation has historically been accomplished through the Naperville Heritage Society's private fundraising efforts. Landscaping for a multitude of garden areas have been completed and implemented in many areas of the grounds. Future scope for this project will include a review and updates to garden plans previously implemented, incorporation of the approved master site plan improvements, and prioritization of any future landscape needs identified via the landscape plan update. The total amount of this project is $65,270.

External Funding Sources Available

Naperville Heritage Society will seek outside funding for implementation.

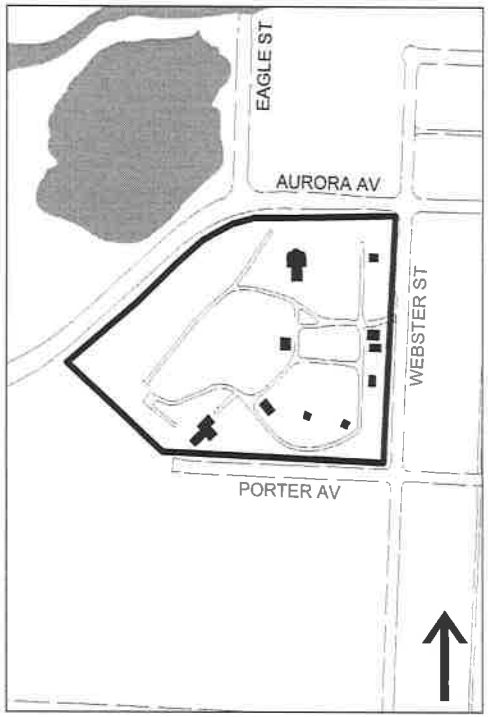
Projected Timetable

FY14-19 - No activity

FY20-25 - It is anticipated the landscape plan update would be identified in this timeframe

Impact on Operating Budget

Completion of a master landscape update will have no immediate operating budget impact.



Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Subtotal						
					Prior Year(s) Expenditures	
					Total All Sources	

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Consultant	0	0	0	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0	0	0	0
								Prior Year(s) Expenditures	0
								Total Project Cost	0

Project Number: NS052 **Project Title:** Mansion HVAC

Department Name: Naper Settlement **CIP Status:** Appendix B **Category Code:** B **Criteria** **Sector:** Northwest **WF Number:** None

Project Purpose:

The preservation of the Martin Mitchell Mansion is an integral part of the museum's mission. The HVAC system, installed in 2002, provides environmental conditions conducive to preserving the building and artifacts exhibited, many original to the Martin family. The system will be 20 years old in 2022, and staff recommends proactively planning for replacement.

Project Narrative:

It is too early to specify equipment, controls or components. Advances in HVAC equipment and theory related to energy efficiency, technology and museum environmental practices will be incorporated where feasible and practical. The total amount of this project is $500,000.

External Funding Sources Available

None

Projected Timetable

TBD - projected need to occur in FY20-25

Impact on Operating Budget

Impact on operating budget anticipated to be neutral. Any efficiency savings will be utilized for other building maintenance or restoration needs.

Project Budget Impact Summary

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
					Prior Year(s) Impact	0
					Total Project Impact	0

Funding Source Summary

Funding Source	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total Source
Subtotal						
					Prior Year(s) Expenditures	
					Total All Sources	

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY14-15 Budget	FY14-15 Year-to-Date	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	Total CIP
Construction	0	0	0	0	0	0	0	0	0
Consultant	0	0	0	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0	0	0	0
								Prior Year(s) Expenditures	0
								Total Project Cost	0

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Appendix

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Debt Management Policy (Adopted 3/2/10)

■*Purpose and goals*

The City of Naperville faces continuing capital infrastructure requirements to meet the increasing needs of its citizens. The costs of these requirements will be largely met through the issuance of various types of debt instruments. Consequently, the City needs to anticipate increases in debt levels based upon historical data. With these increases, the effects of decisions regarding the type of issue, method of sale, and payment structure become ever more critical to the City's financial well being. To help ensure the City's credit worthiness, an established program of managing the City's debt becomes essential.

In addition, the City Council has the authority to provide conduit financings for non-profit organizations through the issuance of 501 (c) (3) bonds, and tax exemptprivate activity bonds (Industrial Revenue and Recovery Zone Facility Bonds) to promote economic development within the community. As a home rule community, the City is granted an amount per capita each year by the State for the issuance of private activity bonds in the form of Industrial Revenue Bonds (lRB's) to promote new manufacturing facilities and expansion and refurbishing of existing facilities that qualify under the Tax Reform Act of 1986 and 30 ILCS 345.

The American Recovery and Reinvestment Tax Act of 2009 created a new tax-exempt financing vehicle for-capital assets used in a trade or business, Recovery Zone Facility Bonds ("RZFB's). RZFB's exclude the manufacturing requirement and small issue limitations ofIRB's and have made tax exempt financing available to projects which were previously ineligible. If an allocation is given to the city, projects can be submitted via the attached application.
To this end, the City Council recognizes this "Debt Management Policy" to be financially prudent and in the City's best economic interest.

The purpose of this policy is to provide a functional tool for debt management and capital planning, and facilitate the issuance of conduit financings, as well as, enhance the City's reputation for managing its debt in a conservative and prudent manner.

■*Goals related to the issuance of General Obligation, Revenue, Build America, and Recovery Zone Economic Development bond debt*

In following this policy, the City shall pursue the following goals when issuing debt:

- ☐ Maintain at least an AAA credit rating for each general obligation debt issue, and an Aa2 credit rating for each revenue bond debt issue.

Debt Management Policy (continued)

☐ Take all practical precautions to avoid any financial decision, which will negatively impact current credit ratings on existing or future debt issues.

☐ Effectively utilize debt capacity in relation to City growth and the tax base, or utility rate base to meet long-term capital requirements.

☐ Consider market timing.

☐ Determine the amortization (maturity) schedule which will best fit with the overall debt structure of the City's general obligation debt and related tax levy at the time the new debt is issued. For issuance of revenue bonds, the amortization schedule which will best fit with the overall debt structure of the enterprise fund and its related rate structure will be considered. Consideration will be given to coordinating the length of the issue with the lives of assets, whenever practicable, while considering repair and replacement costs of those assets to be incurred in future years as an offset to the useful lives, and the related length of time in the payout structure.

☐ Consider the impact of such new debt on overlapping debt and the financing plans of local governments, which overlap or underlie the City.

☐ Assess financial alternatives to include new and innovative financing approaches, including, whenever feasible, categorical grants, revolving loans or other state/federal aid.

☐ Minimize debt interest costs.

■*Debt issuance in general*

A. Authority and Purposes of the Issuance of Debt

The laws of the State of Illinois authorize the issuance of debt by the City. The Local Bond Law confers upon municipalities the power and authority to contract debt, borrow money, and issue bonds for public improvement projects as defined therein. Under these provisions, the City may contract debt to pay for the cost of acquiring, constructing, reconstructing, improving, extending, enlarging, and equipping such projects or to refund bonds. The City Charter authorizes the City Council to incur debt by issuing bonds for any lawful municipal purpose as authorized by the State Constitution or its Home Rule Powers.

B. Types of Debt Issued

1. <u>Short-Term</u> (three years or less) The City may issue short-term debt which may include, but not be limited to, bond anticipation notes or variable rate demand notes, those instruments which allow the City to meet cash flow requirements or provide increased flexibility in financing programs.

Debt Management Policy (continued)

2. <u>Long-Term</u> (more than three years) The City may issue long-term debt which may include, but not be limited to, general obligation bonds, certificates of participation, capital appreciation bonds, special assessment bonds, self-liquidating bonds, double barreled bonds, Build America Bonds, and Recovery Zone Economic Development Bonds Various issues could be tax exempt bonds and taxable bonds dependent on needs and benefit to the City. The City may also enter into long-term leases for public facilities, property, and equipment with a useful life greater than one year.

C. Capital Improvement Program

The Capital Improvement Program (CIP), prepared by the City Manager and approved by the City Council, shall determine the City's capital needs. The program shall be a five-year plan for the acquisition, development and/or improvement of the City's infrastructure. Projects included in the CIP shall be prioritized; and the means for financing each shall be identified. The first year of the program shall be the Capital Budget, which shall become the initial basis for debt issuance. The City Council, upon advice from the City's financial advisor, may consider incurring debt to fund multiple years of the Capital Improvement Program. The CIP shall be revised and supplemented each year in keeping with the City's stated policies on debt management.

D. Structure of Debt Issues

The duration of a debt issue shall not exceed the economic or useful life of the improvement or asset that the issue is financing. The City shall design the financing schedule and repayment of debt so as to take best advantage of market conditions and, as practical, to recapture or maximize its credit capacity for future use, and moderate the impact to the taxpayer. In keeping with the stated goals of this debt management policy, the City shall structure each issue, general obligation, Build America, or Recovery Zone Economic Development Bonds, (except refunding and minibond issues) to comply with the rapidity of debt repayment provisions.

E. Sale of Securities

All debt issues shall be sold through a competitive bidding process based upon the lowest offered True Interest Cost (TIC), unless Council deems a negotiated sale the most advantageous to the City.

Debt Management Policy (continued)

F. Markets

The City shall make use of domestic capital markets when the conditions best fit the City's financing needs.

G. Credit Enhancements

The City may enter into agreements with commercial banks or other financial entities for the purpose of acquiring letters of credit, municipal bond insurance, or other credit enhancements that will provide the City with access to credit under terms and conditions as specified in such agreements when their use is judged cost effective or otherwise advantageous. Any such agreements shall be approved by the City Council.

■ *Legal constraints and other limitations on the issuance of debt*

A. State Law

30 ILCS 305/0.01, et. seq.: the short title is "The Bond Authorization Act."

B. Authority for Debt

The City may, by bond ordinance, incur indebtedness or borrow money, and authorize the issue of negotiable obligations, including refunding bonds, for any capital improvement of property, land acquisition, or any lawful purpose except current expenses, unless approved by the City Council.

C. Debt Limitation

Because the City of Naperville is a Home Rule community, the debt limitations of the bond laws are not applicable.

D. Methods of Sale

All bonds shall be sold at public sale via sealed proposal, except that bonds may be sold at private sale in accordance with 30 ILCS 350/10. The City may issue temporary notes by negotiated sale if the bond ordinance or subsequent resolution so provides. Any such note shall be designated a "bond anticipation note."

Debt Management Policy (continued)

1. **Bonds** All Bonds will mature within the period or average period of usefulness of the assets financed; and the bonds will mature in installments, the first of which is payable not more than five years from the stated date of the bonds. Term bonds may be allowable if recommended by the City's financial advisor, in lieu of a fixed maturity schedule, and approved by the City Council.

2. **Notes** Bond Anticipation Notes (BANs) may be issued for a period not exceeding five years.

E. Certification

An annual debt statement shall be filed in the office of the Municipal Clerk by the end of the sixth month following the end of each fiscal year by the financial officer of the local unit. The annual debt statement certifies the amount of gross debt, deductions from gross debt, net debt, equalized valuation and net debt expressed as a percentage of the equalized valuation as of the end of the previous fiscal year.

F. Credit Implications

Each annual version of the CIP shall be included in the Annual Fiscal Indicators Report (AFIR) that computes the absolute amounts of key economic indicators and the year-to-year trends for important financial ratios, including Moody's Selected Indicators of Municipal Performance ("Medians") or other recognized industry standards. When issuing new debt, the City should not exceed credit industry benchmarks where applicable. Therefore, the following factors should be considered in developing debt issuance plans:

1. Ratio of Net Bonded Debt to Estimated Full Value

The formula for this computation is Net Bonded Debt, which is the total outstanding debt divided by the current Estimated Full Value as determined by the Township Assessors.

2. Net Bonded Debt Per Capita

The formula for this computation is Net Bonded Debt divided by the current population as determined by the Director of Transportation, Engineering, and Development Business Group.

Debt Management Policy (continued)

3. Income Per Capita

The formula for this computation is income for all households (the number obtained from the most current census data) divided by the current population as determined by the Director of Transportation, Engineering, and Development Business Group.

4. Ratio of Net Bonded Debt to Equalized Value

The formula for this computation is Net Bonded Debt, which is the total outstanding debt divided by the current Assessed Value as determined by the Township Assessors.

5. Ratio of Annual Debt Service to General Government Expenditures

The formula for this computation is annual debt service expenditures divided by General Government (i.e., General, Special, and Debt Service Funds) expenditures (excluding certain interfund transfers.)

6. Rapidity of Debt Service Repayment

Exclusive of refunding and mini-bond issues, the City's general obligation bond issues shall be structured whereby at least twenty percent of the principal and interest for each issue is repaid in five years, and fifty percent in ten years.

7. Current Fund Balance General Fund Cash Reserve

The City shall maintain a General Fund unrestricted balance equal to a minimum of twenty percent of total annual appropriations, exclusive of inter-fund transfers. The definition of the General Fund Cash Reserves shall be: Total fund balance less encumbrances and accounts receivable due after one year at the time of the calculation. Such calculation, including a projection to April 30th (of the current fiscal year), shall be made on an annual basis by the Director of Finance during the budget process, but no later than March 1 of each fiscal year.

■*Debt administration*

A. Financial Disclosures

The City shall prepare appropriate disclosures as required by the Securities and Exchange Commission, the federal government, the State of Illinois, rating agencies, underwriters, investors, agencies, taxpayers, and other appropriate entities and persons to ensure compliance with applicable laws and regulations.

Debt Management Policy (continued)

B. Review of Financing Proposals

All capital financing proposals that involve a pledge of the City's credit through the sale of securities, execution of loans or lease agreements, and/or otherwise directly involve the lending or pledging of the City's credit shall be referred to the Director of Finance/Treasurer who shall determine the financial feasibility, and the impact on existing debt of such proposal, and shall make recommendations accordingly to the City Manager.

C. Establishing Financing Priorities

The Director of Finance/Treasurer shall administer and coordinate the City's debt issuance program and activities, including timing of issuance, method of sale, structuring the issue, and marketing strategies. The Director of Finance/ Treasurer, and the City's financial advisor shall meet, as appropriate, with the City Manager and the City Council regarding the status of the current year's program and to make specific recommendations.

D. Rating Agency Relations

The City shall endeavor to maintain effective relations with the rating agencies. The City Manager, Director of Finance/Treasurer and the City's financial advisors shall meet with, make presentations to, or otherwise communicate with the rating agencies on a consistent and regular basis in order to keep the agencies informed concerning the City's capital plans, debt issuance program, and other appropriate financial information.

E. Investment Community Relations

The City shall endeavor to maintain a positive relationship with the investment community. The Director of Finance/Treasurer and the City's financial advisor shall, as necessary, prepare reports and other forms of communications regarding the City's indebtedness, as well as its future financing plans. This includes information presented to the press and other media.

F. Refunding Policy

The City shall consider refunding outstanding debt when legally permissible and financially advantageous. A net present value debt service savings of at least two percent or greater must be achieved.

Debt Management Policy (continued)

G. Investment of Borrowed Proceeds

The City acknowledges its ongoing fiduciary responsibilities to actively manage the proceeds of debt issued for public purposes in a manner that is consistent with Illinois statutes that govern the investment of public funds, and consistent with the permitted securities covenants of related bond documents executed by the City. The management of public funds shall enable the City to respond to changes in markets or changes in payment or construction schedules so as to (i) optimize returns, (ii) insure liquidity, and (iii) minimize risk.

H. Federal Arbitrage Rebate Requirement

The City shall maintain or cause to be maintained an appropriate system of accounting to calculate bond investment arbitrage earnings in accordance with the Tax Reform Act of 1986, as amended or supplemented, and applicable United States Treasury regulations related thereto. Such amounts shall be computed annually and transferred from the Bond Construction Fund (i.e., interest earnings revenue account) to a Debt Service Fund escrow account, or other appropriate accounts, for eventual payment to the United States Treasury.

In order to avoid arbitrage earnings on bond proceeds, City staff shall recommend issuance of debt based upon the cash flow needs of the Departmental Capital Improvement Program Project Budgets in which contracts for construction or other goods and services can reasonably be expected to be awarded during the calendar year. Consideration shall be given to the feasibility of obtaining rights-of-way, engineering services, or other matters which may affect the completion of the project in a timely manner, before a recommendation to issue debt is made.

■*Conduit Financings*

Under federal and state statutes, the City Council has the authority to issue tax-exempt bonds for non-profit organizations organized under Internal Revenue Code 50 I (c) (3), economic development revenue bonds, also known as private activity bonds, under the Tax Reform Act of 1986, and Recovery Zone Facility Bonds under the American Recovery and Reinvestment Tax Act of 2009 These tax-exempt bonds shall be collectively referred to as conduit financings. The City has no liability or responsibility for repayment of the debt authorized under these statutes.

The following policy and procedures shall be followed prior to the issuance of any such debt:

Debt Management Policy (continued)

A. The applicant shall contact the City Manager or the Director of Finance and submit a formal application for the issuance of a conduit financing.

B. For private activity (Industrial Revenue Bonds) and Recovery Zone Facility Bonds the application shall include a written proposal which shall include the attached application. The application shall be reviewed and recommended based upon the following criteria:

☐job creation;
☐growth ofNaperville businesses
☐enhancement to the City of Naperville tax base.

C. For the issuance of 501 (c) (3) bonds the proposal shall include the following:

1. **The Project**

a. A description of the project including whether original issuance, refinancing, recollateralization, or other action sought;

b. A statement indicating the amount of funding required for the project and a description ofthe purpose for which such funding will be used;

c. A description of any proposed financing arrangement for the project (e.g., loan agreement, or City to own the project and lease to applicant);

d. A statement of the public purpose to be served by the issuance of 50 I (c) (3) revenue bonds for the project;

e. An anticipated construction schedule and schedule for completing the financing;

f. The name and address of the proposed purchaser of the bonds proposed to be issued, if known;

g. A complete description, with such supporting exhibits as may be appropriate, of the physical aspects of the project including, but not limited to, the following:

(1) Location of facility
(2) Size offacility (sq. ft.)
(3) Amount ofland required by the facility (acres)
(4) Proximity ofthe facility's location to area zoned residential
(5) Physical appearance ofthe facility and landscaping
(6) Projected number of vehicles entering the facility area per day
  (a) Cars
  (b) Trucks
(7) Ability ofthe streets to carry additional load
  (a) Access to the facility
  (b) Traffic safety factors
(8) Drainage/storm sewer requirements

Debt Management Policy (continued)

(9) Utility requirements

(a) Gallons ofwater used per day

(b) Water and line requirements needed for fire protection

(c) Sewerage requirements

(i) Amount/capacity required

(ii) Type of effluent discharged

(d) Projected electrical and gas usage

(e) Need for water main and sewerage line extensions

***2.* The Applicant**

a. Financial Stability

(1) Prospectus, if applicable;

(2) Reports to Board of Directors, if applicable;

(3) Certified copies of audited financial statements of the applicant for five (5) years preceding the date of the filing of the application for bond financing;

(4) A list setting forth the caption, if pending, and a brief description of any and all pending or threatened litigation against the applicant which could have an impact on the existence of the applicant of its business or the financial position ofthe applicant;

(5) Evidence of ability to repay the debt or other information which might insure the financial success ofthe tenant;

b. Description of principal business ofapplicant

c. Number ofemployees anticipated at the new facility

(1) Full-time

(2) Part-time

(3) Seasonal

d. Number of years the prospective tenant has been operating as a 501 (c) (3) organization.

e. Civic Awareness

(1) Evidence of the applicant's past civic activity

(2) Responsiveness of the applicant to community requests

D. The information submitted by the applicant shall be reviewed by the City's Financial Advisory Board, the Director of Finance, and legal advisors, with comments from the Naperville Chamber of Commerce, and Naperville Development Partnership., an evaluation thereof and the recommendation of the Financial Advisory Board shall be presented to the City Council as promptly as practicable thereafter.

Debt Management Policy (continued)

E. The City council shall consider the report presented to them by the Financial Advisory Board and City staff as promptly as practicable after receipt thereof and shall take one of the following actions:

1. Inform the applicant in writing that the City will not consider issuance or re-issuance of bonds for financing its commercial or industrial project as proposed or the re-issuance of recollateralization of previously issued bonds; provided that in so informing such applicant the City Council may suggest modifications to such proposal which might be acceptable to the City

2. Inform the applicant in writing of the interest of the City in considering issuance or re-issuance of bonds for financing its commercial or industrial project .as proposed or the re-issuance or recollateralization of previously issued bonds; provided, that in so informing such applicant, the Council may request additional information, as they may deem necessary.

F. In making its detennination under paragraph E hereof, the City Council may consider such factors as it may deem appropriate. Such factors may include, but shall not be limited to, the following:

1. The extent to which the project will contribute to the strength and diversity of the City's economic base.
2. Whether or not the project will enable the City to retain or expand an existing business.
3. The reasonable expectations of continued operations of the project by the applicant during the term of the financing.
4. The availability of bonding authority for the project.
5. The amount of bonding authority remaining available to the City, should the project be pursued, and a Memorandum of Agreement be executed, for other potential projects in the subject calendar year.
6. The City Council reserves the right to determine, in its sole discretion, the merits of each written proposal considered.

G. If the City Council determines, on the basis of the information provided pursuant to paragraph B or C, hereof, whichever is applicable, and such other information as may be presented to the Council, that the City is interested in considering issuance of bonds for financing the project as proposed, the Council may require that a study of the economic viability of the project be completed by the financial advisor for the City. In addition, the City may retain the services of qualified legal counsel to act as special counsel. The applicant shall be responsible for all fees listed under I to cover the City's costs.

H.

I. If a resolution of intent is adopted by the City Council, the financing, refinancing, or recollateralization may proceed pursuant to the provisions of this policy adopted via Resolution No. 10 February 16, 20 10.

Debt Management Policy (continued)

■*Fees for Issuance of Bonds*

There is an application fee of $500. which will be offset by fees for issuance of bonds if the project is choosen.

Private Activity Bond/Economic Development Bond or Recovery Zone Facility Bonds			Fee
$500,000	to	$3,000,000	$5,000
3000001	to	$6,000,000	$10,000
6000001	to	$10,000,000	$15,000
>$10,000,000			$20,000

501 (c)(3) Bonds			Fee
500000	to	$1,000,000	$2,500
1000001	to	$5,000,000	$5,000
5000001	to	$10,000,000	$7,500
>$10,000,000			$10,000

Glossary of Terms

Ad Valorem Tax - A direct tax based "according to value" of property.

Advanced Refunding Bonds - Bonds issued to refund an outstanding bond issue prior to the date on which the outstanding bonds become due or callable. Proceeds of the advanced refunding bonds are deposited in escrow with a fiduciary, invested in United States Treasury Bonds or other authorized securities, and used to redeem the underlying bonds at maturity or call date.

Amortization - The process of paying the principal amount of an issue of bonds by periodic payments either directly to bondholders or to a sinking fund for the benefit of bondholders.

Annual Fiscal Indicators Report (AFIR) - computes the absolute amounts of key economic indicators and the year-to-year trends for important financial ratios, including Moody's Selected Indicators of Municipal Performance ("Medians") or other recognized industry standards. See expanded definition at end of this document.

Arbitrage - Usually refers to the difference between the interest paid on the tax exempt securities and the interest earned by investing the proceeds in higher yielding taxable securities. Internal Revenue Service regulations govern arbitrage (reference I.R.S. Reg. 1.103-13 through 1.103-15).

Arbitrage Bonds - Bonds which are deemed by the I.R.S. to violate federal arbitrage regulations. The interest on such bonds becomes taxable and the bondholders must include this interest as part of gross income for federal income tax purposes (I.R.S. Reg. 1-103-13 through 1.103-15).

Assessed Value - An annual determination of the just or fair market value of property for purposes of ad valorem taxation.

Basis Point - 1/100th of one percent.

Bond - Written evidence of the issuer's obligation to repay a specified principal amount on a date certain, together with interest at a stated rate, or according to a formula for determining that rate.

Bond Anticipation Notes (BANs) - Short-term interest bearing notes issued by a government in anticipation of bonds to be issued at a later date. The notes are retired from proceeds of the bond issue to which they are related.

Bond Counsel - An attorney retained by City to give a legal opinion whether the City is authorized to issue proposed bonds, has met all legal requirements necessary for issuance, and whether interest on the bonds is, or is not, exempt from federal and state income taxation.

Glossary of Terms

Bonded Debt - The portion of an issuers total indebtedness represented by outstanding bonds.

Direct Debt or Gross Bonded Debt - The sum of the total bonded debt and any unfunded debt of the issuer.

Net Direct Debt or Net Bonded Debt - Direct debt less sinking fund accumulations and all self supporting debt.

Total Overall Debt - Net direct debt plus the issuer's applicable share of the direct debt of all overlapping jurisdictions.

Net Overall Debt - Net direct debt plus the issuer's applicable share of the net direct debt of all overlapping jurisdictions.

Overlapping Debt - The issuer's proportionate share of the debt of other local governmental units which either overlap or underlie it.

Build America Bonds - taxable municipal bond created under the American Recovery and Reinvestment Act of 2009 that carry special tax credits and federal subsidies for either the bond holder or the bond issuer. Many issuers have taken advantage of the Build America Bond provision to secure financing at a lower cost than issuing. traditional tax-exempt bonds. The Build America Bond provision is open to governmental agencies issuing capital expenditure bonds before January 1, 2011.

Callable Bond - A bond which permits or requires the issuer to redeem the obligation before the stated maturity date at a specified price, the call price, usually at or above par value.

Capital Appreciation Bonds (CAB) - A long-term security on which the investment return is reinvested at a stated compound rate until maturity. The investor receives a single payment at maturity representing both the principal and investment return.

Capital Improvement Program (CIP) - A five-year capital plan that outlines capital projects greater than $25,000. Prepared by the City Manager, and approved by the City Council, shall determine the City's capital needs.

Certificates of Participation - Documents, in fully registered form, that act like bonds. However, security for the certificates is the government's intent to make annual appropriations during the term of a lease agreement. No pledge of full faith and credit of the government is made. Consequently, the obligation of the government to make basic rental payments does not constitute an indebtedness of the government.

Glossary of Terms (continued)

Commercial Paper - Very short-term, unsecured promissory notes issued in either registered or bearer form, and usually backed by a line of credit with a bank.

Coupon Rate - The annual rate of interest payable on a coupon bond (a bearer bond or bond registered as to principal only, carrying coupons evidencing future interest payments), expressed as a percentage of the principal amount.

Debt Limit - The maximum amount of debt which an issuer is permitted to incur under constitutional, statutory, or charter provision.

Debt Service - The amount of money necessary to pay interest on an outstanding debt, the serial maturities of principal for serial bonds, and the required contributions to an amortization or sinking fund for term bonds.

Demand Notes (Variable Rate) - A short term security which is subject to a frequently available put option feature under which the holder may put the security bank to the issuer after giving specified notice. Many of these securities are floating or variable rate, with the put option exercisable on dates on which the floating rate changes.

Double Barreled Bonds (Combination Bonds) - A bond which is payable from the revenues of a governmental enterprise and are also backed by the full faith and credit of the government unit.

Enterprise Funds - Funds that are financed and operated in a manner similar to private business in that goods and services provided are financed primarily through user charges.

General Obligation Bonds - A bond for whose payment the full faith and credit of the issuer has been pledged. More commonly, but not necessarily, general obligation bonds are payable from ad valorem property taxes and other general revenues.

Industrial Revenue Bonds - Bonds that are designed to promote economic development. The proceeds from the bond sale are loaned to businesses to pay for buildings or other capital investment projects. The bonds must be paid back by the company; the government gives its name to the bond issue, but not its credit rating. Typically, these bonds are tax exempt.

Lease Purchase Agreement (Capital Lease) - A contractual agreement whereby the government borrows funds from a financial institution or a vendor to pay for capital acquisition. The title to the asset(s) normally belongs to the government with the lessor acquiring security interest or appropriate lien therein.

Glossary of Terms (continued)

Letter of Credit - A commitment, usually made by a commercial bank, to honor demands for payment of a debt upon compliance with conditions and/or the occurrence of certain events specified under the terms of the

Level Debt Service - An arrangement of serial maturities in which the amount of principal maturing increases at approximately the same rate as the amount of interest declines.

Long-Term Debt - Long-term debt is defined as any debt incurred whose final maturity is more than three years.

Maturity - The date upon which the principal of a municipal bond becomes due and payable to bondholders.

Mini-bonds - A small denomination bond directly marketed to the public.

Net Interest Cost (NIC) - The traditional method of calculating bids for new issues of municipal securities. The total dollar amount of interest over the life of the bonds is adjusted by the amount of premium or discount bid, and then reduced to an average annual rate. The other method is known as the true interest cost (see 'true interest cost").

Negotiated Sale - Situation in which the terms of an offering are determined by negotiation between the issuer and the underwriter rather than through competitive bidding by underwriting groups.

Offering Circular - Usually a preliminary and final document prepared to describe or disclose to investors and dealers information about an issue of securities expected to be offered in the primary market. As a part of the offering circular, an official statement shall be prepared by the City describing the debt and other pertinent financial and demographic data used to market the bonds to potential buyers.

Other Contractual Debt - Purchase contracts and other contractual debt other than bonds and notes. Other contractual debt does not affect annual debt limitation and is not a part of indebtedness within the meaning of any constitution or statutory debt limitation or restriction.

Par Value or Face Amount - In the case of bonds, the amount of principal which must be paid at maturity.

Parity Bonds - Two or more issues of bonds which have the same priority of claim or lien against pledged revenues or the issuer's full faith and credit pledge.

Glossary of Terms (continued)

Principal - The face amount or par value of a bond or issue of bonds payable on stated dates of maturity.

Private Activity Bonds - One of two categories of bonds established under the Tax Reform Act of 1986, both of which are subject to certain tests and State volume caps to preserve tax exemption.

Ratings - Evaluations of the credit quality of notes and bonds, usually made by independent rating services, which generally measure the probability of the timely repayment of principal and interest on municipal bonds.

Recovery Zone Economic Development Bonds - RZEDBs are Build America Bonds ("BABs") and thus are a type of tax credit bond. The tax credit is larger than Build America Bonds and certain municipalities have received an allocation.

Recovery Zone Facility Bonds - RZFBs are tax exempt, private activity bonds. According to Notice 2009-50, they are to be treated as exempt facility bonds.

Refunding Bonds - Bonds issued to retire bonds already outstanding.

Registered Bond - A bond listed with the registrar as to ownership, which cannot be sold or exchanged without a change of registration.

Reserve Fund - A fund which may be used to pay debt service if the sources of the pledged revenues do not generate sufficient funds to satisfy the debt service requirements.

Revenue Bonds – A municipal bond that is secured by the income expected to be generated by the project financed by the bond, as opposed to a general obligation bond that is secured by the government's taxing authority.

Self Supporting or Self Liquidating Debt - Debt that is to be repaid from proceeds derived exclusively from the enterprise activity for which the debt was issued.

Short-Term Debt - Short-term debt is defined as any debt incurred whose final maturity is three years or less.

Spread - The income earned by the underwriting syndicate as a result of differences in the price paid to the issuer for a new issue of municipal bonds, and the prices at which the bonds are sold to the investing public, usually expressed in points or fractions thereof.

Glossary of Terms (continued)

Special Assessment Bonds - A special type of municipal bond used to fund a development project. Interest owed to lenders is paid by taxes levied on the community benefiting from the particular bond-funded project.

Tax-Exempt Bonds - For municipal bonds issued by the City tax-exempt means interest on the bonds are not included in gross income for federal income tax purposes; the bonds are not items of tax preference for purposes of the federal, alternative minimum income tax imposed on individuals and corporations, and the bonds are exempt from taxation by the State of Illinois.

Tax Increment Bonds- Bonds secured by the incremental property tax revenues generated from a redevelopment project area.

Term Bonds - Bonds coming due in a single maturity.

True Interest Costs (TIC) - Also known as Canadian Interest Cost. A rate which, when used to discount each amount of debt service payable in a bond issue, will produce a present value precisely equal to the amount of money received by the issuer in exchange for the bonds. The TIC method considers the time value of money while the net interest cost (NIC) method does not.

Yield to Maturity - The rate of return to the investor earned from payments of principal and interest, with interest compounded semiannually and assuming that interest paid is reinvested at the same rate.

Zero Coupon Bond - A bond which pays no interest, but is issued at a deep discount from par, appreciating to its full value at maturity.

Glossary of Terms (continued)

ANNUAL FISCAL INDICATORS REPORT (AFIR)

The AFIR shall contain the following sections:

I. Annual Audit Report

This section shall contain audited financial statements with generally accepted accounting principles, on all City funds, account groups and related accounts (e.g., fund balances retained earnings, revenues, expenditures, expenses). It shall also contain the significant accounting policies of the City summarized as "notes to financial statements;" statistical information; current liabilities; and the arbitrage rebate amount due to the federal government.

II. Annual Long-Term Debt Report (ALTDR)

including refunding. The ALTDR shall include, but not be limited to, a schedule of changes in bonds, notes and loans payable; annual principal and interest payments due until maturity; total debt outstanding by purpose; annual charter bond limitations and issues; debt issue call provisions; and the legal debt margin.

III. Annual Fiscal Indicators and Financial Forecast

This section should summarize the City's financial condition by describing the necessary economic indicators, financial trends, and credit ratios for the past 12 months. The information for this section should include, but not be limited to, assessed value of real property; ratio of net bonded debt to assessed value; net bonded debt per capital; bond coverage ratios Current Fund Balance; ratio of annual debt service expenditures to general government expenditures; per capita income; population; revenue and expenditures trends; rapidity of principal repayment; and other financial and economic graphs and narrative.

IV. The Capital Plan

The final section should present the current version of the five-year capital plan. A schedule of improvements, the rationale for project priorities, the recommended method of finance and a preliminary assessment of financial impacts for each year of the plan should be presented. Cumulative information on past performance and justifications for changes in programming or project priority should be included in the narrative summary of the capital plan.

Capital Improvements Program Funding Sources

During the development of the Capital Improvement Program, the need for debt financing is analyzed. As a part of that process, all other potential revenue sources are studied and the amount available from all existing sources is utilized before any additional bonds are issued.

Bond Funds

Funds available in the 1998 and 2001 bond funds are unused bond proceeds and accumulated interest earnings that have previously been allocated to a project. For various reasons, projects have been delayed or funds become available when a project bid award is below the engineer's estimate. Those funds are then re-programmed to the current year as either a reappropriation or a new appropriation of bond funds for projects in the current year.

Electric and Water/Wastewater Fund

Revenues in the Utility Funds are received through Infrastructure Availability Charge (IAC) and sale of utilities (electric & water). The revenue received is used to construct system backbone facilities, as well as upgrade existing facilities required to serve new growth.

Road and Bridge Fund

Revenues in the Road and Bridge Fund are received from the township tax levies. The annual street pavement rejuvenation project is paid for from this fund.

Motor Fuel Tax Fund

The City receives motor fuel tax revenues on a per capita basis annually from the State of Illinois. These revenues are used to fund the following annual projects: 1) bridge maintenance program; 2) concrete street repairs; 3) crack filling program; 4) mill and overlay projects; 5) annual seal coat program; 6) heat scarifying and overlay program; and 7) micro-surfacing programs. These various programs are street preventative maintenance programs, which are intended to prolong the life of the roadways and minimize the need for complete reconstruction.

Capital Improvements Program Funding Sources (continued)

Other Road Funding Source

In 2010 the City Council reviewed an option of setting up a funding source that would assist with the Maintenance Improvement Program (MIP) funding and eliminate the Road Impact Fees. This funding source was a transfer from the General Fund. The General Fund's cost reduction and fee structure covered the transfer.

Developer Contributions

Developer contributions are made directly to the City by the developer toward the cost of certain improvements.

Other Governments

Many projects are intergovernmental projects that require funding from other governments, such as the State of Illinois, DuPage or Will Counties, or one of the townships. The funds from other governments can be paid directly by the government or reimbursed to the City after completion of the project. In the case where the City is reimbursed, the City utilized bond funds to pay for the improvements until such time as reimbursement is received.

Library Reserve Fund

The Library Reserve Fund was established by the Library Board to fund certain capital improvements as approved by the Library Board and the City Council.

Unfunded Projects

The projects listed as unfunded in the text are those projects, which have no other available funding source. In order to fund these projects, some form of debt financing must be issued.

Capital Projects Fund

The Capital Projects Fund was established to fund Capital Improvement Projects (CIP) on an as needed basis. Yearly transfers from the other funds are done for funding of CIP projects.