CITY COUNCIL WORKSHOP
AGENDA
CITY COUNCIL CHAMBERS
01/23/2012
5:00 p.m.

FY13 CIP
&
UPDATE OF THE GENERAL FUND FY13 BUDGET

A. CALL TO ORDER:

B. INTRODUCTION:

C. PRESENTATION:

1. FY13 Budget Update
2. Executive Summary
3. Financial Section
4. New Projects
5. Non Recuring Projects
6. Recurring Projects
7. Appendix

D. ADJOURNMENT:

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

reached in person at 400 S. Eagle Street, Naperville, IL., via telephone at 630-420-6725 or 630-305-5205 (TDD) or via e-mail at manningm@naperville.il.us. Every effort will be made to allow for meeting participation.

CITY OF NAPERVILLE

FY13 Capital Improvements Program and Update of General Fund FY13 Budget

Municipal Center – Council Chambers
January 23, 2012
5:00 P.M.

	Start Time
1. Call to Order/ Opening Comments	5:00 p.m.
2. FY13 Budget Update	5:15 p.m.
3. FY13 CIP Program Introduction	5:30 p.m.
4. Department CIP Reviews	6:00 p.m.

- TED

- **BREAK** ..... 7:00 p.m

- Riverwalk
- Naper Settlement
- Library
- Fire
- Police
- Admin
- Public Works
- Electric
- Water

5. Recurring	9:00 p.m.
6. Wrap Up	9:15 p.m.

FY13-FY17
Capital Improvement Program
City Council Workshop

January 23, 2012

CIP Workshop – Agenda

- Call to Order/Opening Comments
- Workshop Schedule
- Financial Gap Update
- CIP
  - Objectives
  - New & Non Recurring Projects
  - Recurring Projects
- Wrap Up and Next Steps

FY13 Budget Workshop Schedule

- FY12 Update and Revenue Outlook 9/13/11
- 5 Year Plan and Tax Levy 10/24/11
- General Fund FY13 Budget 12/12/11
- **Capital Improvement Program (CIP) 1/23/12**
- Utility and Other Funds 2/13/12
- Final Budget Workshop 3/12/12

Financial Gap Update

General Fund FY13 Proposed Budget Summary

(in $ Millions)

	FY13 Proposed		
	Revenue	Expenditure	Budget Gap
December Workshop Projection	**109.7**	**110.6**	**0.9**
FY13 Budget Updates			
Parking fine increase	0.15		-0.15
Life Insurance contract		-0.06	-0.06
Emerald Ash Borer budget increase		0.35	0.35
FY12 Fund Balance Updates			
Permit revenue increase	0.20		-0.20
Revenue sufficient to release remaining cushion	0.45		-0.45
January Workshop Projection	**110.5**	**110.9**	**0.4**

CIP Program Highlights – FY13

- Five Year Program - $272 million
  - First 4 years all under $50 million of spending
- FY13 CIP Program - $42.7 million
(adjusted:BR017 $1.5M and TC218 $35K pushed out, NS044 reduced $35K)
  - $25.7 mil General Corporate, $17.0 mil Utilities
    - 20% lower than FY12 program
    - Less than half of FY09 pgm, which was almost $100 million
- FY13 Unfunded – totals only $13.1 million
(adjusted:BR017 $1.5M and TC218 $35K pushed out, NS044 reduced $35K)
  - $7.6 mil General Corporate
  - $5.5 mil Water/Wastewater
    - As agreed with Council during rate discussions, FY13 rates fund 1/3rd of pgm, will be 2/3rds in FY14 and full funding FY15 and beyond

Unfunded Strategy – FY13

- Unfunded declining as new information is available
  - Already declined by $1.6 million since last week
  - Several grant applications in progress and other potential funding sources
- Funding is already available to cover most of current unfunded
- Not enough knowledge now to propose any borrowing
  - Staff is hopeful that borrowing will not be required!
- Staff will monitor CIP closely and will update Council in late spring
  - Prior to summer construction season to allow 60 days for borrowing if needed
  - Refunding opportunity will be taken to coincide with new money issuance

Debt Projections

CITY OF NAPERVILLE
DEBT PROJECTIONS

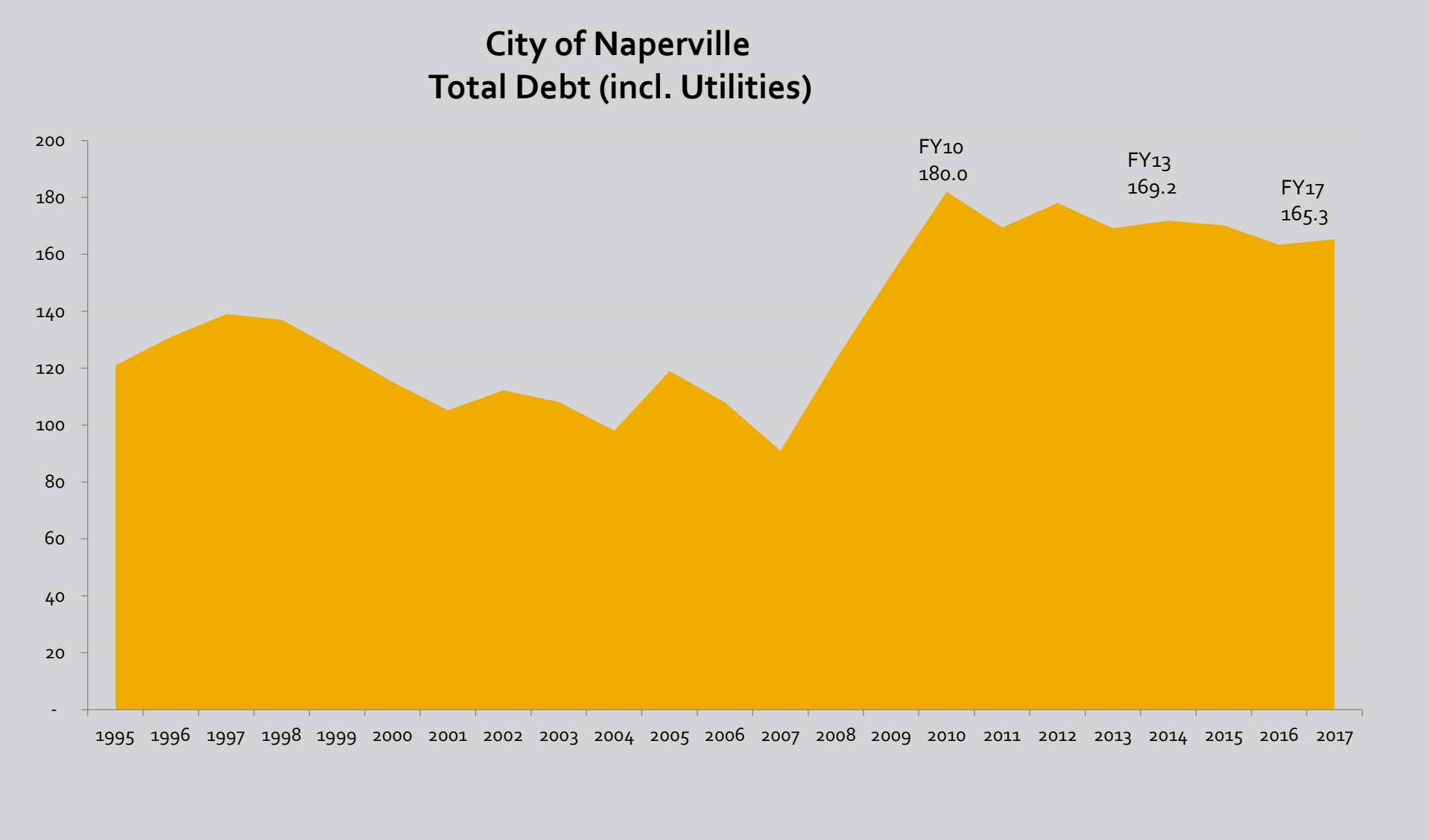
(Revised to assume no debt issuance in Fy13)

	FY11	FY12	FY13	FY14	FY15	FY16	FY17
General Fund							
Current Debt	121.0	115.8	109.7	98.1	103.1	106.5	104.9
Debt Issuance/Reallocation	**	0.0	**-5.5** *	11.7	10.3	5.7	14.4
Repay existing (principal only)	-5.2	-6.1	-6.1	-6.7	-6.7	-6.7	-6.7
Repay new	0.0	0.0	0.0	0.0	-0.2	-0.6	-0.9
Ending Debt	115.8	109.7	98.1	103.1	106.5	104.9	111.7
Utilities							
Current Debt	59.0	53.6	68.4	71.1	68.8	63.6	58.5
Debt Issuance/Reallocation	**	19.0	5.5 *	2.6	0.0	0.0	0.0
Repay existing	-5.4 ***	-4.2	-2.8	-3.5	-3.8	-3.8	-3.8
Repay new	0.0	0.0	0.0	-1.4	-1.4	-1.4	-1.1
Ending Debt	53.6	68.4	71.1	68.8	63.6	58.5	53.6
Total Municipal Debt	169.4	178.1	169.2	171.9	170.1	163.4	165.3

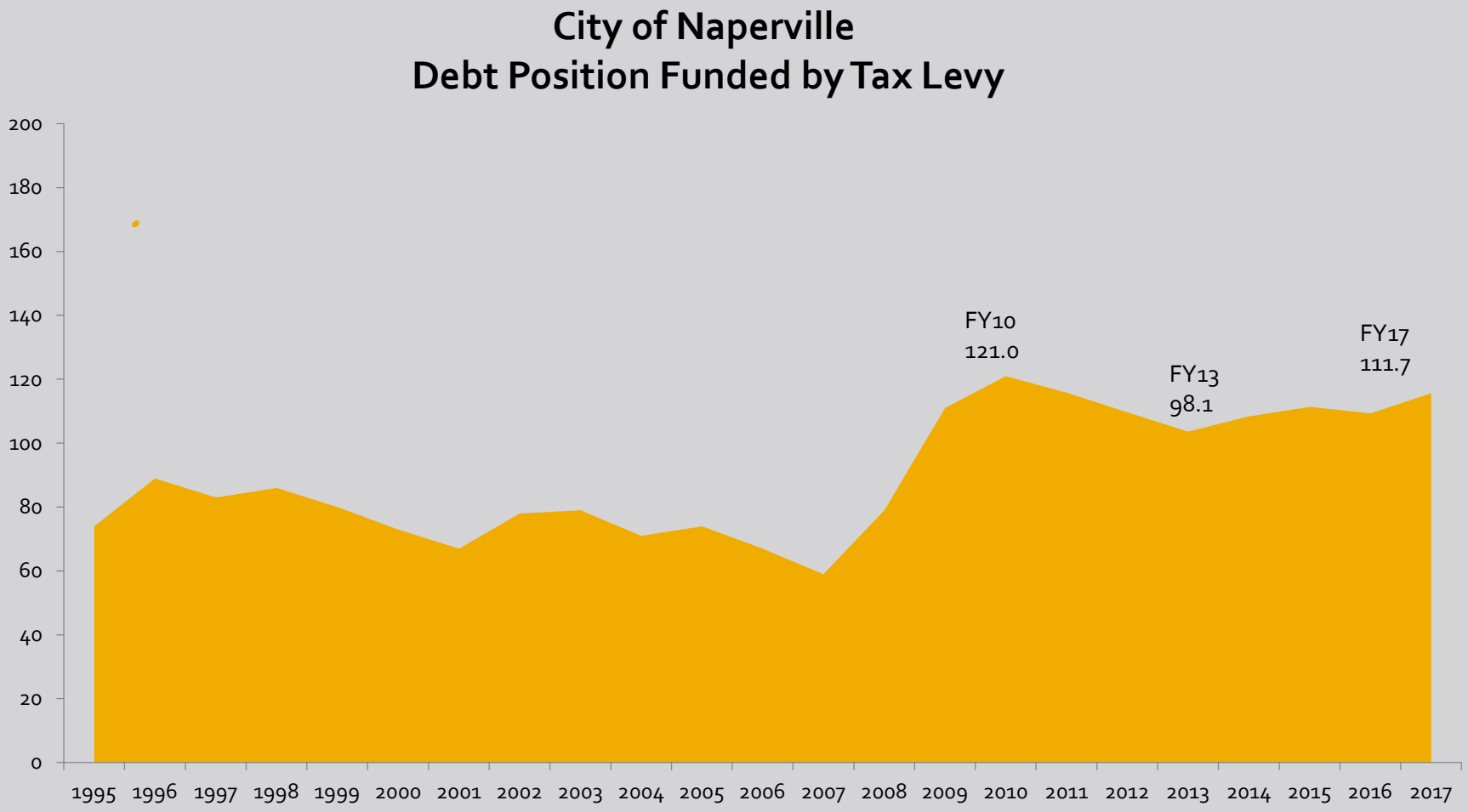
*Reallocate debt- The Water/Wastewater will be using prior year bond funds for the FY13 capital projects
** Borrowing for the FY11 CIP was issued in March 2010
***In FY 11 Water and Wastewater defeased all outstanding revenue bonds.

FY14 General Corporate Debt Service Payment will be reduced by $550K from 5 Year Plan Estimates

Historical and Proposed Total City Debt (incl. Utilities



Historical and Proposed City Debt Position Funded by Tax Levy



CIP Project Presentation Format

By Department

- New Projects
  - Full Discussion
  - Program benefits
  - Phasing of spending
  - Agree Support of Project and phasing
- Non Recurring
  - Highlight Changes
  - Focus on agreement for FY13 spending
- Recurring Projects
  - Emerald Ash Borer and Emergency Standby Well Rehab will be discussed during Department presentation
  - Staff available to respond to Council Questions on all other projects

Transportation, Engineering & Development – New Projects

($ in thousands)

Page #	Project	New Projects Descriptions	FY13	FY14	FY15	FY16	FY17	Total Costs	Unfunded Cost
		Fully Funded							
178	CS011	Van Buren Parking Pedestrian Connection	-	62	-	-	-	62	
179	CS012	Paw Paw Lot Pedestrian Connection	**65**	-	-	-	-	65	
180	MB117	Central Park Master Plan Improvements	-	82	53	328	540	1,003	
		Partially Funded							
181	MP018	ADA Sidewalk Improvements	**28**	100	100	100	100	428	184
182	TC217	Centralized Traffic Management System	-	103	1,114	-	-	1,217	243
183	TC218	95th St and Knoch Knolls Rd Traffic Signal *	-	35	309	-	-	344	190
		Total New Projects	**93**	382	1,576	428	640	3,119	617

* Project TC218 updated to reflect a one year delay.

Transportation, Engineering & Development – Non Recurring Projects

($ in thousands)

Page #	Project	Descriptions	FY13	FY14	FY15	FY16	FY17	Total Costs	Unfunded Costs
		Fully Funded							
239	MB163	Downtown Parking Solution	-	-	5,631	2,870	19,891	28,392	
240	MB164	5th Avenue Area Bus Depot	-	159	-	1,126	-	1,285	
242	SC190	248th Street: 95th St. to 115th St.	-	2,200	2,200	-	-	4,400	
246	SL134	5th Ave Pedestrian Lighting	**25**	93	-	-	-	118	
248	TC037	Osler Drive and West Street	-	-	-	45		45	
253	TC211	5th Ave Multi-Modal Improvements	-	12	95			107	
		Partial Funding							
231	BR005	N. Aurora Underpass CN Railroad	-	1,726	732	1,967	15,619	20,044	5,559
238	MB138	Water St District Improvements	-	-	4,784	-	9,004	13,788	4,784
241	SC033	N. Aurora-Frontenac to Weston	-	824	1,060	787	8,547	11,218	5,358
244	SC220	Rt 59 : Aurora to Ferry	**2,450**	2,112	-	-	-	4,562	2,111
249	TC166	Mill St and Diehl Commons Road	-	-	-	34	321	355	274
251	TC195	Route 59 and Lacrosse	**80**	561	-	-	-	641	65
252	TC207	S. Downtown Traffic Improvements	-	-	32	273	-	305	229
254	TC212	Downtown Wayfinding	**25**	180	-	-	-	205	102
		Sub Total Non Recurring Projects	**2,580**	7,867	14,534	7,102	53,382	85,465	18,482

Transportation, Engineering & Development - Non-Recurring Cont'd

Page #	Project	Non-Recurring Descriptions	FY13	FY14	FY15	FY16	FY17	Total Costs	Unfunded Cost
		Unfunded							
232	BR007	Wash St. Pedestrian Bridge over DuPage River	-	103	133	-	929	1,165	1,165
233	BR017	Bridge for Relocated 95th St Over DuPage River *	-	1,500	3,502	-	-	5,002	5,002
234	BR028	Columbia Street Bridge Rehabilitation	**200**	-	-	-	-	200	200
235	BR031	Downtown Washington St Bridge Rehabilitation	-	31	-	328	-	359	359
236	BW015	Springbrook Prairie to Virgil Gilman Trail	-	-	180	279	519	978	978
237	CS009	Washington Street Streetscape	-	-	-	38	300	338	338
243	SC196	95th Street and Book Road	-	-	107	236	1,829	2,172	2,172
245	SC240	Main Street: Benton to Van Buren	-	-	186	-	-	186	186
247	SW011	Huffman St/Steeple Run Watershed Improvements	**2,370**	-	-	-	-	2,370	2,370
250	TC193	Ogden Avenue Corridor Enhancement Initiative	-	-	-	-	113	113	113
255	TC214	111th St/Hassert Blvd and Chokeberry Drive Traffic Signal	**250**	-	-	-	-	250	250
256	TC215	Ogden Avenue and Fort Hill Drive Pedestrian Signal	**30**	-	-	-	-	30	30
		Total Non Recurring Projects	**5,430**	9,501	18,643	7,982	57,070	98,628	46,706

* Project BR017 updated to reflect recent conversations concluding a one year delay.

Riverwalk

Page #	Project	New Projects Descriptions	FY13	FY14	FY15	FY16	FY17	Total Costs	Unfunded Cost
		Unfunded							
174	PA043	Elevator Replacement Moser Tower	-	-	-	164	-	164	164
175	PA044	Construct/Replace Retaining Walls	-	-	244	-	-	244	244
		Total New Projects	-	-	244	164	-	408	408

Page #	Project	Non-Recurring Descriptions	FY13	FY14	FY15	FY16	FY17	Total Costs	Unfunded Cost
		Funded							
222	PA027	North Central College Stairway Improvements	**86**	-	-	-	-	86	
		Unfunded						-	
223	PA028	Moser Bridge Shoreline Stabilization	**28**	-	-	-	-	28	28
224	PA037	Riverwalk Rehab between Eagle St and Smykal	-	52	-	-	169	221	221
225	PA042	Riverbank Retaining Wall Assessment	**90**	-	-	-	-	90	90
		Total Non-Recurring Projects	**204**	52	-	-	169	339	339

Only two new projects have been added this year, both as early signals that future work will be required for retaining wall repair and replacing the elevator at Moser Tower

Staff also available to respond to any questions on Recurring Projects at this time.

Naper Settlement

Page #	Project	Non-Recurring Descriptions	FY13	FY14	FY15	FY16	FY17	Total Costs	Unfunded Cost
		Unfunded							
195	NS030	Landscape Master Restoration Plan	-	37	-	28	-	65	65
196	NS045	Sprinkler System Expansion			32			32	32
		Total Non-Recurring Projects	-	37	32	28	-	65	65

Staff also available to respond to any questions on Recurring Projects at this time.

Library

Page #	Project	New Projects Descriptions	FY13	FY14	FY15	FY16	FY17	Total Costs	Unfunded Cost
		Partial Funding							
153	LB016	Nichols Library Roof Replacement	**560**	-	-	-	-	560	310
		Unfunded							
154	LB017	Naper Blvd Roof Repair	**160**	-	-	-	-	160	160
		Total New Projects	**720**	-	-	-	-	720	470

Immediate need for roof replacements for 25 yr old roof at Nichols Library and 20 yr old roof at Naper Blvd, as they exhibit degradation and leakage. Failure to take action will result in structural damage and escalating costs.

The Capital Reserve has $250,000 as agreed, which is needed for routine maintenance. The Library anticipates an additional Fund Balance of $250,000 will be available to fund a portion of the Roof Repair. The roof repair balance of $470K is unfunded.

Staff also available to respond to any questions on Recurring Projects at this time.

Fire Department

($ in thousands)

Page #	Project	Non-Recurring Descriptions	FY13	FY14	FY15	FY16	FY17	Total Costs	Unfunded Cost
		Unfunded							
187	MB096	Training Facility Refurbishment	**162**	-	-	-	-	162	162
		Total Non-Recurring	**162**	-	-	-	-	162	162

Training Tower Refurbishment is required to meet the City's own training needs, and is not dependent on a decision regarding the possible creation of a Training Academy

Police Department

($ in thousands)

Page #	Project	New Projects Descriptions	FY13	FY14	FY15	FY16	FY17	Total Costs	Unfunded Costs
		Fully Funded							
157	EQ037	In-Car Camera Project	**250**	-	-	-	-	250	
		UnFunded							
158	MB169	Upgrade to Police Firing Range	**96**	158	-	-	-	254	254
		Total New Projects	**346**	158	-	-	-	504	254

Administrative Services and Technology

($ in thousands)

Page #	Project	New Projects Descriptions	FY13	FY14	FY15	FY16	FY17	Total Costs	Unfunded Cost
		Fully Funded							
142	CE120	Technology - Downtown Wireless Network	-	-	106	-	-	106	-
144	CE123	Technology-Exchange Upgrade	-	118	-	-	-	118	
145	CE124	Technology-City Intranet Upgrade	-	89	-	-	-	89	
147	CE126	Technology-Cityworks Desktop Upgrade	**51**	-	-	-	-	51	
		Partial Funding							
138	LR077	Admin - WPFP AM 1610 Radio Station Upgrade	**60**	-	-	-	-	60	30
143	CE122	Technology-Electronic Forms Implementation	-	-	89	11	-	100	55
146	CE125	Technology-SunGard Resource Software Migration		247	467	164	-	878	488
148	EG005	Technology-e-Bill Online Payment Migration	-	95	-	-	-	95	6
149	EG006	Technology-Emergency Notification Replacement	**60**	-	-	-	-	60	30
150	LR076	Technology-Security Cameras	**82**	73	-	-	-	155	113
		Total New Projects	**253**	622	662	175	-	1,712	722

Administrative Services and Technology – Non-Recurring

($ in thousands)

Page #	Project	Non-Recurring Descriptions	FY13	FY14	FY15	FY16	FY17	Total Costs	Unfunded Cost
		Fully Funded							
192	MB159	Technology-Municipal Center Data Redesign	**153**	-	-	-	-	153	
		Partial Funding							
190	CE112	Technology-Disaster Recovery Data Center	-	-	114	-	-	114	57
191	EG004	Technology-City Website Redesign	-	97	-	-	-	97	48
		Total Non-Recurring Projects	**153**	97	114	-	-	364	105

Public Works

Page #	Project	New Projects Descriptions	FY13	FY14	FY15	FY16	FY17	Total Costs	Unfunded Cost
		Fully Funded							
169	MB173	Pedestrian Tunnel Roof Leak Repairs	**68**	-	-	-	-	68	
		Unfunded							
167	EQ038	Salt Conveyor System Replacement	**-**	206	-	-	-	206	206
168	MB172	HVAC System Replacement - Fire Station #7/EOC	**50**	-	-	-	-	50	50
170	MB176	Municipal Center Roof Replacement	**-**	-	-	-	377	377	377
171	MB177	Building Access Control Upgrade	**97**	-	-	-	-	97	97
		Total New Projects	**215**	206	-	-	377	798	730

Page #	Project	Non Recurring Descriptions	FY13	FY14	FY15	FY16	FY17	Total Costs
		Fully Funded						
212	MB112	HHW Replacement Storage Locker	**196**	-	-	-	-	196
215	MB137	Concrete Joint Platform Rehabilitation at Wash. Underpass	**60**	-	-	-	-	60
216	MB161	Electric Service Center Roof Replacement	**275**	284	291	300		1,150
219	MB170	Tuck-Point Masonry at Burlington Commuter Station	**55**	-	-	-	-	55
		Total Non-Recurring Projects	**586**	284	291	300	-	1,461

Public Works-Non-Recurring Cont'd

($ in thousands)

Page #	Project	Non Recurring Descriptions	FY13	FY14	FY15	FY16	FY17	Total Costs	Unfunded Cost
		Unfunded							
211	CE084	Stormwater Asset Management and Master Plan	**200**	-	-	-	-	200	200
213	MB121	Lower Deck Restorations/Sealing and Joint Repair	**-**	-	95	-	-	95	95
214	MB136	Municipal Center Plaza Restoration Program	**15**	103	-	-	-	118	118
217	MB167	Municipal Center Elevator Repair	**-**	77	-	-	-	77	77
218	MB168	Fire Sprinkler Replacement	**40**	-	-	-	-	40	40
		Total Non-Recurring Projects	**841**	464	387	301	-	1,993	530

Emerald Ash Borer

($ in thousands)

Page #	Project	Recurring Descriptions	FY13	FY14	FY15	FY16	FY17	Total Costs	Unfunded Cost
		Unfunded							
322	PA040	Emerald Ash Borer Removal and Replacement Program	**975**	511	291	104	104	1,985	1,985
		Total Recurring Projects	**975**	511	291	104	104	1,985	1,985

- 15,695 Ash Trees in the City's Parkways - 26% of the Parkway Tree Inventory

- Treatment funded through General Fund Operating Budget – Proposed $368,900 in Fy13

- Removal & Replacement funded through CIP – 1,400 trees in FY13

EAB CIP increase of $452,000 in FY13 – funded by reductions in:

CE122 Electronic Forms Implementation	$43K
EG004 City Website Redesign	$47K
MB121 Lower Deck Restoration/Sealing	$90K
SW017 Storm Sewer Lining Program	$300K

Electric Utility

($ in thousands)

Page #	Project	New Projects Descriptions	FY13	FY14	FY15	FY16	FY17	Total Costs
		Fully Funded						
160	EQ039	Security Cameras-Electric Utility	**57**	426	-	-	-	483
		Total New Electric Projects	**57**	426	-	-	-	483

Page #	Project	Non-Recurring Descriptions	FY13	FY14	FY15	FY16	FY17	Total Costs
		Fully Funded						
198	EU69	Bulk Electric Power Supply Metering Install	**-**	-	64	55	169	288
198	EU77	Smart Grid Initiative Projects	**1,389**	-	-	-	-	1,389
		Total Non-Recurring Projects	**1,389**	-	64	55	169	1,677

Entire 5 year CIP program is fully funded from rates.

FY11 to FY17 - 7 yr average is only $11 million – Below Council agreed at $12 million

Water Utility

($ in thousands)

Page #	Project	New Projects Descriptions	FY13	FY14	FY15	FY16	FY17	Total Costs	Unfunded Costs
		Partial Funding							
163	WWU39	SWRC - Influent Headworks Upgrades and Improvements	**373**	-	-	-	-	373	249
		Total New Projects	**373**	-	-	-	-	373	249

Page #	Project	Non-Recurring Descriptions	FY13	FY14	FY15	FY16	FY17	Total Costs	Unfunded Costs
		Fully Funded							
203	WU07	Mill Street PAS 15E - Booster Station Addition	**-**	-	-	119	955	1,074	
205	WWU35	SWRC - Phosphorus Removal	**-**	-	-	-	326	326	
		Partial Funding							
204	WU32	Southeast Waterworks Pumps & Controls Replacement	**2**	30	342	262	-	636	11
206	WWU36	Treatment Plant - Upgrades & Improvements	**285**	2,212	1,597	-	-	4,094	927
207	WWU38	SWRC - Roadway Improvements	**204**	-	-	-	-	204	136
		Total Non-Recurring Projects	**491**	2,242	1,939	381	1,281	6,334	1,074

Utility rate funding level :1/3rd in FY13, 2/3rd in FY14 100% FY15 to FY17.

All 5 years budgeted below the Council agreement of $8.5 million.

Emergency Standby Well Rehabilitation

($ in thousands)

Page #	Project	Recurring Descriptions	FY13	FY14	FY15	FY16	FY17	Total Costs	Unfunded Cost
		Unfunded							
308	WU29	Emergency Standby Well Rehabilitation	**200**	206	212	219	225	1,062	202
		Total Recurring Projects	**200**	206	212	219	225	1,062	202

Recurring Highlights – Council Questions?

Dept	Recurring Page #	Total 5 yr Cost	Unfunded Cost	Unfunded FY13
TED	334-342	7,297	5,212	1,040
TED - MIP	339	58,200	-	-
Riverwalk	157	286	286	70
Public Works (exclude EAB)	317-329	7,812	7,081	1,005
IT	259-262	768	127	127
	Total General Fund	74,363	12,706	2,242
Electric	272-295	44,568	-	-
Water (exclude Emer Well Rehab)	297-315	30,464	6,555	4,767
	Total Utility Funds	75,032	6,555	4,767
Naper Settlement	264-267	404	404	185
Library	269-270	1,250	-	-
	Total Other	1,654	404	185
Total Recurring Projects (Excluding EAB and Emergency Well Rehab shown earlier)		151,049	19,665	7,194

CDBG funds available for MIP program funding of $426K.

NS044 – Naper Settlement FY13 reduced unfunded by $35,000

Wrap Up

Back Up Slides

FY13 Funding Available

Funding Available for FY13 CIP Programs

	($ millions)
Unfunded	
General Corporate	7.6
Water/Wastewater	5.5
Total CIP unfunded	13.1
Estimated annual deferrals	-2.0
Coverage needed for FY13 Pgm	11.1
Funds currently available	
Prior Bond Funds	6.5
Debt Service Fund Balance	0.5
Portion of General Fund transfer *	0.4
Estimated Remaining need	3.7
Grant applications in progress	?
Possible land sale proceeds	?
Contract awards below budget	?
Additional deferrals	?

* Staff proposes the General Fund transfer remain at the proposed budget level of $1.3 mil. As CDBG funding is now available for $426,000 of the MIP program, this portion of the transfer will be used to fund other General Corporate unfunded projects.

Refunding Opportunity

- Opportunity triggers at issuance call date
  - Call date 12/1/2011 for 2001 & 2003 Bonds
  - Can refund at any time after the call date
  - Issuance requires roughly 60 day lead time
- Policy requires Net PV benefit above 3%
  - Bond rates at 5% and 4.5% on $3.9 mil and $4.0 mil principal
  - Current market expectation 3%
  - NPV estimate $750K,or 10%
    - Roughly $75k/yr interest savings for 12 yrs
  - Cost of new issuance $120,000
  - Minimal incremental cost, if done with new money offering

Electric Utility Average CIP

Electric Utility Average CIP Budget

$ millions	CIP Budget
FY11	$16.4
FY12	26.0
FY13	8.8
FY14	8.1
FY15	7.3
FY16	11.8
FY17	10.2
less smart grid grant	-11.0
7 yr total	$77.6
Net 7 yr avg	$11.1

CITY OF NAPERVILLE
MEMORANDUM

DATE: January 19, 2012

TO: Doug Krieger, City Manager
Karen DeAngelis, Director of Finance

FROM: Marcie Schatz, Director of Transportation, Engineering and Development

SUBJECT: Changes to the TED CIP

PURPOSE:
The purpose of this memorandum is to provide the most recent information on the 95th Street Bridge timing and CDBG funding sources. This information is not reflected in the CIP workshop materials previously issued.

DISCUSSION:
95th Street Bridge
City staff met with representatives of Will County and Bolingbrook on January 12th to discuss the 95th Street Bridge project. All aspects of the projects are on schedule except for the acquisition of right-of-way. Due to the delays in right-of-way acquisition, the project is not anticipated to go to bid until late 2012 or early 2013. Therefore, the City's share of the funding for this project has been deferred by one year to FY 14.

Community Development Block Grant Funding
As the City continues to work with HUD to successfully administer the City's allocation of CDBG funds, we will be reprogramming funds from 2009, 2010, and 2011 in the next two months. These funds remain from projects that were disallowed by HUD in the 2011 audit or have not been expended from the CDBG-R program. Greater detail is provided in the CDBG memo contained in the Managers Memorandum this week.

There are many eligible uses for CDBG funds, including public improvements in areas where certain low to moderate income level criteria is met based on census data as well as many ADA improvements. Historically, the City annually used CDBG funds to complete ADA sidewalk improvements.

TED's CIP has been revised to reprogram CDBG funds as follows:

- $130,000 of CDBG-R funds for resurfacing
- $296,000 of CDBG funds for resurfacing
- $150,000 of CDBG funds for new sidewalk

RECOMMENDATION:
Please provide this as additional information to the CIP workshop materials.

NAPERVILLE HERITAGE SOCIETY

523 S. Webster Street
Naperville, IL
60540-6517
630.420.6010 Phone
630.305.4044 Fax

Developers and Administrators of Naper Settlement A History Museum

Date: January 10, 2012

To: Mayor and City Council

From: Naperville Heritage Society Board of Directors
Christopher E. Birck, President

Subject: FY12 and FY13 CIP Request for Changes to NS044

The Capital Improvement Program approved budget for fiscal year 2012 and proposed for 2013 includes replacement of aging ADA interior lifts as part of the Life Safety and Security Project, NS044. The FY12 portion for the Chapel came in substantially below budget due to the vendor's ability to use existing rails and building supports. A similar savings is now anticipated for the replacement for the Pre-Emption House lift originally scheduled for FY13.

After review of the budget, the Naperville Heritage Society Board of Directors respectfully requests that the original plan to replace the two interior lifts over two years be consolidated into FY12. Savings from the Chapel work, coupled with savings available in the current fiscal year operating budget for Naper Settlement and a generous in-kind contribution from the vendor, will provide enough resources to proceed on the Pre-Emption House lift immediately. If approved, this will accelerate responsiveness to accessibility issues and reduce Naper Settlement's FY13 CIP request by $35,000. In summary, rather than spending $70,000 to replace the two lifts, they could both be replaced in FY12 for $37,089, 47% below budget.

It is requested that the FY2012 CIP NS044 be amended to include the Pre-Emption House lift and a transfer of $2,089 from Naper Settlement's operating budget (016-7513-451.70-89) for a revised total budget of $37,089. The Settlement's previously submitted FY2013 CIP request for NS044 would also be decreased by $35,000.

Project NS044 Life Safety	FY12 CIP Approved Budget	FY13 CIP Requested Budget	Actual Bid	Proposed Use of FY12 CIP	Proposed Used of FY12 NS Operations	Proposed reduction fo FY13 CIP request
NS044-Chapel Lift	$ 35,000		$ 21,432	$ 21,432		
NS044-PEH Lift		$ 35,000	$ 15,657	$ 13,568	$ 2,089	$ 35,000

Revised

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

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

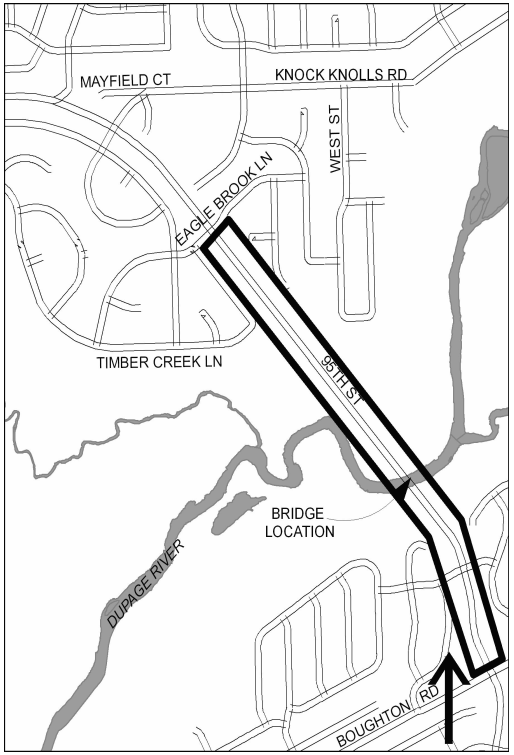
Criteria Funding, Mandate, Investment, Need **WF Number:** (none)

Project Purpose:

This project supports the implementation of the 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 accommodate a new roadway alignment across the DuPage River providing a new traffic corridor between Boughton Road and Plainfield-Naperville Road. The first stage of the project, north of the bridge, was constructed in association with the Timber Creek Subdivision. Total costs for the project, including engineering, land acquisition and construction, are approximately $31.0 million. The City is sharing 25% of the engineering and construction costs and previously made a portion of its contribution when the first stage of the project was completed. The City's remaining cost share is programmed below. Note: Funding has been reprogrammed for FY 12-13 and FY 13-14.



External Funding Sources Available

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

Projected Timetable

Construction in FY 12-13 and FY 13-14.

Impact on Operating Budget

Will County will maintain the bridge and roadway after improvements.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Unfunded Capital	0	1,545,000	3,607,060	0	0	5,152,060
Subtotal	0	1,545,000	3,607,060	0	0	5,152,060
					Prior Year(s) Expenditures	1,470,334
					Total All Sources	6,622,394

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	1,470,334	0	0	0	1,545,000	3,607,060	0	0	5,162,060
Subtotal	1,470,334	0	0	0	1,545,000	3,607,060	0	0	5,162,060
								Prior Year(s) Expenditures	1,470,334
								Total Project Cost	6,622,394

0

4,170,334

Revised

Project Number: NS044 **Project Title:** Life Safety and Security Improvements

Department Name: Naper Settlement **CIP Status:** Changed - Recurring **Category Code:** B **Sector:** Northwest

Project Purpose:

To improve and expand the life safety, accessibility and security features that protect the site, visitors and staff.

Criteria **WF Number:** (none)

Cost/Benefit, Operational Efficiency, Safety and Americans with Disabilities Act

Project Narrative:

Two areas have been identified that need improvements to make the museum complex safer, more secure and more accessible to visitors and staff. The Pre-Emption House interior chair lift needs to be replaced to insure continued Americans with Disabilities Act compliancy. The current lift is over 15 years old and replacement parts are becoming difficult to find and costly. Secondly, the Annex requires asbestos abatement and re-siding with an appropriate style material. The current fiber cement siding is 40-50 years old and the lower shingles are in poor condition. The Annex houses museum staff and is centrally located on the site. Addressable fire and burglar alarm systems and a public address system have been removed from this project as there is no immediate need; however, they will continue to be evaluated along with City fire and police representatives.

External Funding Sources Available

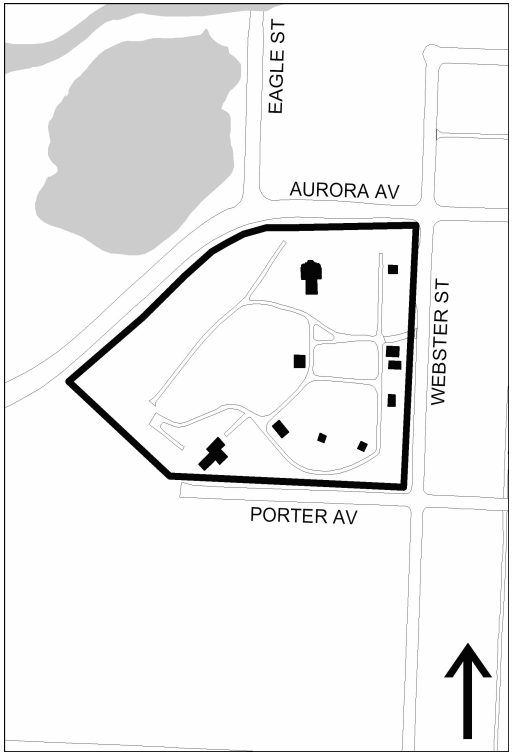
None

Projected Timetable

FY12-13: Pre-Emption House interior ADA lift replacement ($35,000); Annex asbestos abatement and re-siding ($150,000).

Impact on Operating Budget

The ongoing required preventative inspections and maintenance for the lift are already in the operating budget plans for the current lift. Similarly, Annex siding maintenance and repairs are in the current cyclical schedule.



Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Unfunded Capital	150,000	0	0	0	0	150,000
Subtotal	150,000	0	0	0	0	150,000
					Prior Year(s) Expenditures	95,445
					Total All Sources	245,445

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	95,445	35,000	0	150,000	0	0	0	0	150,000
Consultant	0	0	0	0	0	0	0	0	0
Equip. & Furnishing	0	0	0	0	0	0	0	0	0
Subtotal	95,445	35,000	0	150,000	0	0	0	0	150,000
								Prior Year(s) Expenditures	95,445
								Total Project Cost	245,445

Revised

Project Number: TC218 **Project Title:** 95th Street and Knoch Knolls Road Traffic Signal

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

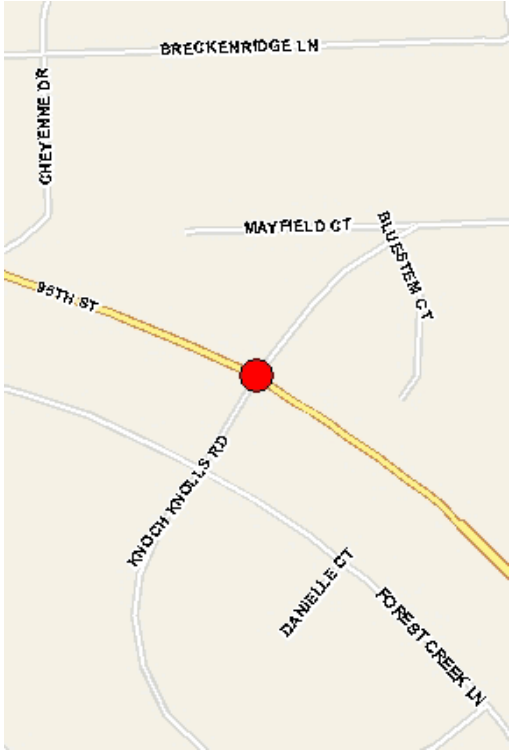
Project Purpose: **Criteria** **WF Number:**

This project supports the implementation of the Traffic Safety component of the Comprehensive Transportation Plan. Need

FUNCTION(S): Safety.

Project Narrative:

The purpose of the project is to design and install a new traffic signal at the intersection of 95th Street and Knoch Knolls Road. The intersection is currently controlled by an all-way stop, and will remain an all-way stop when the 95th Street Extension (BR017) is opened following construction. It is anticipated that the intersection may meet traffic signal warrants a short time after BR017 is completed. Signal installation will be considered when warrants are met and approved by Will County.



External Funding Sources Available

Will County

Projected Timetable

Design Engineering in FY12-13 and Construction in FY13-14.

Impact on Operating Budget

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

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Other Government	0	0	159,135	0	0	159,135
Unfunded Capital	0	36,050	159,135	0	0	195,185
Subtotal	0	36,050	318,270	0	0	354,320
					Prior Year(s) Expenditures	0
					Total All Sources	354,320

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	0	0	0	0	0	318,270	0	0	318,270
Engineering	0	0	0	0	36,050	0	0	0	36,050
Subtotal	0	0	0	0	36,050	318,270	0	0	354,320
								Prior Year(s) Expenditures	0
								Total Project Cost	354,320

FY13 Budget Update

CITY OF NAPERVILLE
MEMORANDUM

DATE: January 13, 2012

TO: Mayor and City Council

FROM: Karen DeAngelis, Director of Finance

SUBJECT: General Fund FY13 Gap Update

PURPOSE:
The purpose of this memorandum is to provide the Mayor and City Council with an updated view of the projected FY13 General Fund Financial Gap.

BACKGROUND:
City Council budget discussions begin in September and continue through March. A series of six Workshops are held which allow Council to consider various aspects of the municipal budget. As the Workshops progress the budget view is refined based on the prior workshop discussions as well as updated for any changes in the current fiscal year financial projection or changes in information related to the new budget year. The General Fund FY13 proposed expenditure budget was presented at the December 12, 2011 Workshop. While not yet included in the budget proposal, adjustments to the financial gap view were reflected for the anticipated write off of a portion of the CDBG receivable and for the remaining union contract agreements. The final budget will be adjusted to reflect the new union contractual commitments and the CDBG receivable write off, however they were included in the financial gap projected at the December Workshop at $0.9 million.

DISCUSSION:

FY12 Update
The current year financials continue to benefit from improvements in both sales tax receipts ($1 million above budget) and permit fee revenue ($0.2 million above budget). While the other sources of revenue reflect both upsides and downsides to varying degrees, in general they are projected to offset each other. There is no indication that overall these other revenue sources will fall below budget. As such, staff is now projecting that the remaining revenue cushion of $0.45 million will not be needed. The expenditure side of the FY12 financial equation also looks to be good. The original budget included a productivity challenge of $0.7 million, and during the year $0.4 million was added to cover several projected expenditure increases including the recently concluded union contracts. Sufficient savings have now been identified to cover the entire $1.1 million of productivity challenge. Staff is now projecting a fund balance of $1.65 million will be available to help fund the FY13 budget. This is an increase of $0.65 million since the December workshop.

FY13 Budget Update

The impact of the Emerald Ash Borer (EAB) on both the operating budget and the CIP budget was discussed during the Public Works presentation at the December Workshop. Recognizing the significant level of effort required to tackle EAB, City Council directed the EAB operating expenditure budget be increased by $350,000. Council also directed that the EAB CIP budget be increased from $523,000 (including the proposed tree planting program budget), up to $975,000. Council directed Staff to identify $452,000 of FY13 CIP reductions/deferrals to cover the EAB CIP budget increase. Below is a summary of the project deferrals which have already been included in the CIP presentation which follows:

CD122 Electronic Forms Implementation	$ 43K
EG004 City Website Redesign	$ 47K
MB121 Lower Deck Restoration/Sealing and Joint Repair	$ 90K
SW017 Storm Sewer Lining Program	$300K

The increase in parking fines passed by Council at the December 6, 2011 meeting is projected to increase annual revenue by $150,000 and the recently approved employee life insurance contract came in $60,000 below the proposed FY13 budget. Both of these changes in the FY13 budget help to close the financial gap.

CONCLUSION:

The FY13 General Fund budget gap continues to narrow. The increase in the projected FY12 fund balance and FY13 parking fine revenue, along with the reduction in the cost of employee life insurance are more than enough to offset the increased Emerald Ash Borer operating expenditure. The remaining FY13 General Fund financial gap is now projected at only $0.4 million. Staff will continue to review and refine the budget projection and will provide an update to City Council at the February 13, 2012 Workshop.

ATTACHMENTS:

General Fund FY13 Proposed Budget Summary

General Fund FY13 Proposed Budget Summary

(in $ Millions)

	FY13 Proposed		
	Revenue	**Expenditure**	**Budget Gap**
Preliminary Budget - October Workshop Gap	**109.8**	**111.7**	**1.9**
Cancel redlight program	-0.4	-0.2	0.2
IDOT Jefferson Reimbursement		-0.2	-0.2
Additional $0.3 million MIP contract savings		-0.3	-0.3
DPW reductions		-0.3	-0.3
Police reductions		-0.1	-0.1
Increase permit fee revenue estimate	0.2		-0.2
Fire reductions		-0.3	-0.3
Ambulance billing enhancements	0.1		-0.1
Defer one ambulance purchase		-0.2	-0.2
Current Proposed Budget Gap view	**109.7**	**110.1**	**0.4**
Other Potential changes			
Write off CDBG receivable		0.2	0.2
Impact of open union contract wage increases above assumptions		0.3	0.3
December Workshop Projection	**109.7**	**110.6**	**0.9**
FY13 Budget Updates			
Parking fine increase	0.15		-0.15
Life Insurance contract		-0.06	-0.06
Emerald Ash Borer budget increase		0.35	0.35
FY12 Fund Balance Updates			
Permit revenue increase	0.20		-0.20
Revenue sufficient to release remaining cushion	0.45		-0.45
January Workshop Projection	**110.5**	**110.9**	**0.4**

CIP-Executive Summaries

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City of Naperville
Five Year Capital Improvements Program
2013-2017

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NAPERVILLE

January 13, 2012

The Honorable Mayor and City Council:

We are pleased to submit the proposed Five-Year Capital Improvements Program (CIP) for the years 2013-2017. The CIP represents the City of Naperville's commitment to plan and maintain assets linked to the City's mission and represent 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.

The Capital Improvements Program is a plan that summarizes all major capital project expenditures planned over the next five years, with a listing of potential projects for the next fifteen years. The CIP is comprised of a description of each proposed project, the financial requirements of the projects, and the proposed financing sources. A project qualifies for inclusion 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, and major equipment purchases. Because of the size and magnitude of these projects, bond funds are a major source of funding for projects.

For the coming fiscal year (FY 2013), the CIP represents a refined plan for actual project completion and expenditure. For any project with a cost exceeding $100,000, a formal contract proposal will be presented to the City Council for consideration.

FORMAT FOR THE PRESENTATION OF MATERIALS

The format of the book has not changed.

The first section includes the Executive Summaries for each department and supporting documentation for a more "high level" review.

The second section includes all of the individual project detail sorted by department and with a department summary behind each tab. The section is split into three sections: "New", "Non-Recurring" and "Recurring". The "New" projects represent projects coming to City Council for consideration for the first time. The "Non-Recurring" area includes projects which City Council has

seen before, but are addressing a specific issues which is not recurring in nature. These are projects City Council has generally reviewed in detail before, and are not expected to require a significant amount of review time or discussion. The "Recurring" area again includes projects which City Council has previously seen and discussed and so are not expected to require significant review at this point.

INTERNAL STAFF REVIEW PROCESS

During the preparation and review of the proposed CIP, staff set priorities and identified which projects can be accomplished in a given year, within the limits of the City's control. This approach incorporates resource allocation, prioritization, evaluation of external factors, and cost evaluation to arrive at the final plan.

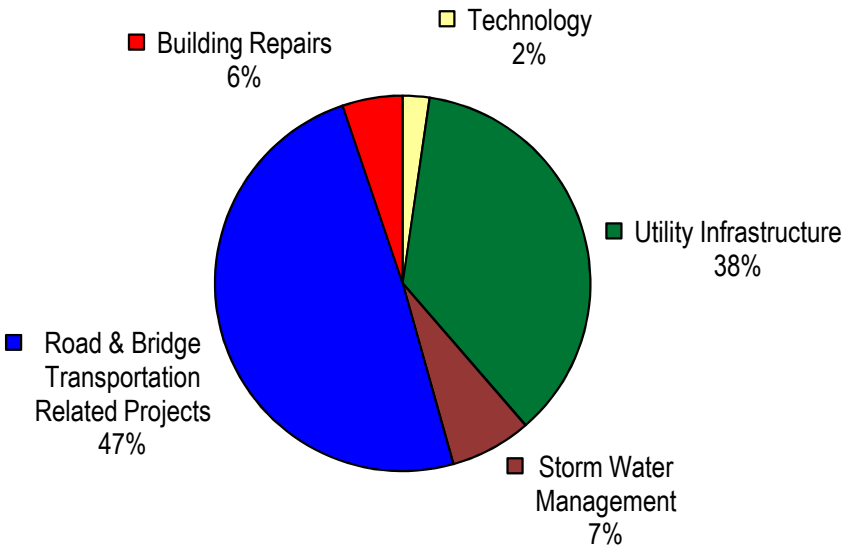
Numerous sources are drawn upon to develop the expenditures included within this document: engineering plans, traffic needs studies, comparative cost analyses, and development plans identified through the Plan Commission, to name a few. As would be expected, the data available, and therefore the expenditure estimates, for the earlier years are more precise than the later years.

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.

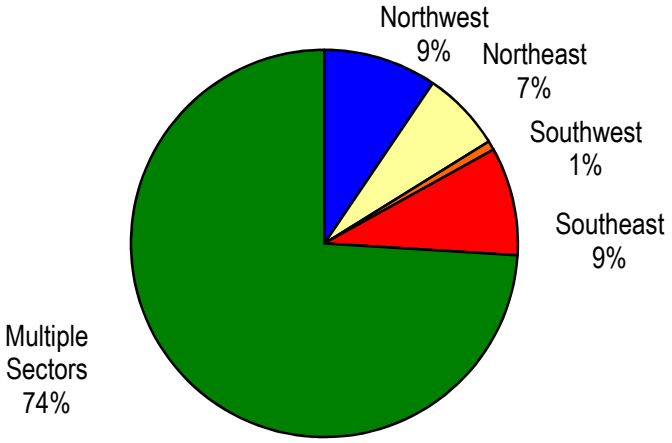
In this year's CIP, Appendix A contains narrative descriptions and maps of projects that are scheduled to have all funds encumbered by the end of fiscal year 2011-12. These projects will be reviewed prior to year-end to ensure that all funds have been encumbered and there are no remaining amounts to be carried over to the next fiscal year.

During the preliminary reviews of projects, discussions were also conducted to assess the levels of intergovernmental cooperation needed and the timing of requirements associated with these types of projects. Estimated project timetables were also included to use as benchmarks for performance by department directors. The inflation factor for the CIP has been held constant at 3%.

The proposed Capital Improvement Program (CIP) for FY13 is $44.2 million, which is almost a 20% reduction from last year, reflecting a conscious effort to minimize spending in this tight economy. The CIP budget has been declining steadily over the last four years, and at this point it is only half of the CIP budget high point in FY09 which was just short of $100 million. The proposed CIP is focused on maintaining the current infrastructure and has challenged carefully the all proposed new investments. The following is a breakdown of the $44.2 million budget proposed for FY13.



For the proposed FY13 projects the distribution per sector of the city is outlined as follows



The proposed five-year CIP program totals $272 million. This program represents a concerted effort to ensure that needed capital projects and infrastructure are in place in a timely manner to accommodate the continued development of the community.

FUNDING SOURCES

Capital improvement projects are funded through a variety of sources. Over the last several years the City has turned from a growth mode to a sustain mode. With growth related funding sources declining, staff is reviewing projects to ensure that funding is available for the entire infrastructure to be properly maintained. Over the last several years the City Council expressed concern regarding the future borrowing of the City. Several large projects are presented on a cash flow basis so that borrowing for the projects will occur at the time of expenditure, when the funds are needed.

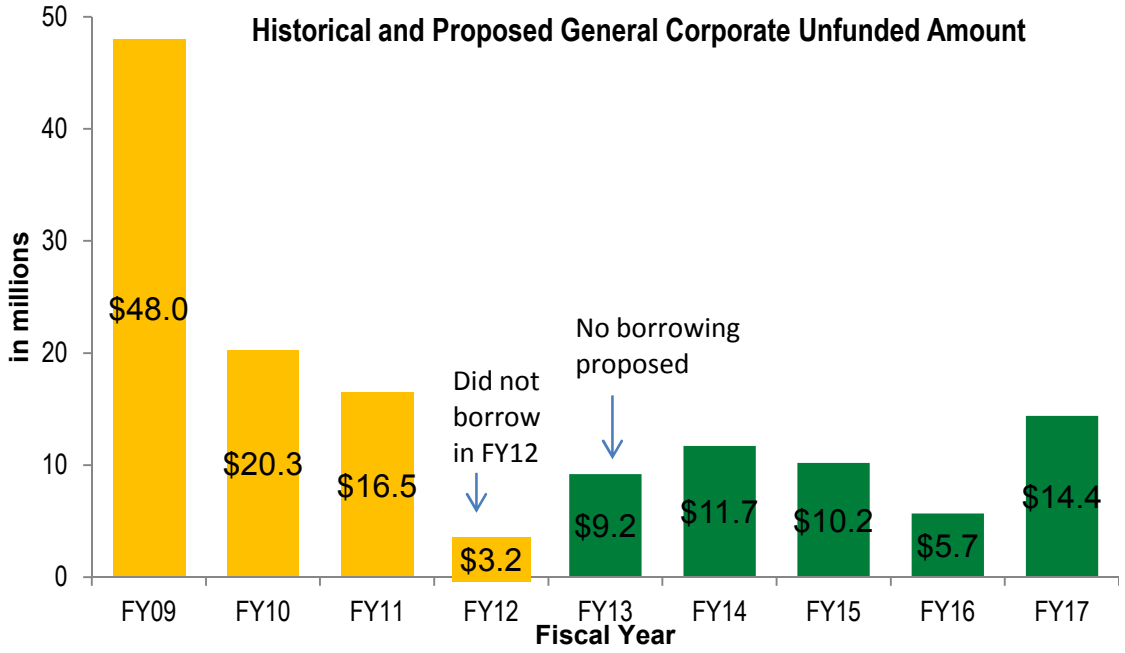
The utilities are projected to fund $10.4 million of the FY13 CIP from their operating revenue. The Electric proposed CIP program projects an average of only $11 million a year of spending for the seven year period FY11 through FY17, and a total spend in FY13 of $8.8 million. This is

consistent with the Council agreement to maintain the spending at or below $12 million a year. Also as agreed, the Electric utility is funding 100% of the required utility CIP and in addition will also fund the remaining $0.7 million of FY13 City Smart Grid project spending from operating revenue. The budget reflects the other $0.7 million of the Smart Grid project as being funded from the U.S Department of Energy Smart Grid grant program. In FY13 the Water/Wastewater Department will fund one third ($2.8 million) of the proposed CIP from operating revenue, and is proposing a total capital program of only $8.2 million which is below the $8.5 million level agreed with Council. As agreed with Council, the CIP proposal reflects Water/Wastewater funding in FY14 at two thirds of the program cost and funding the complete CIP program in FY15 without any borrowing. The programs proposed by both utilities are consistent with the assumptions used in the rate studies recently completed and reviewed with Council.

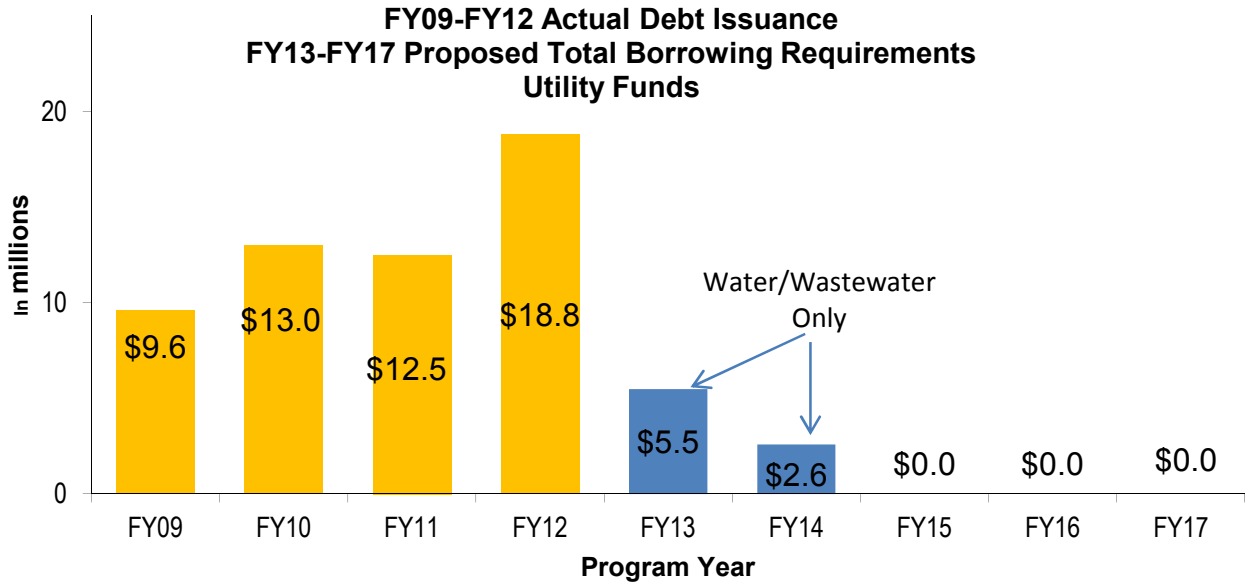
Many CIP projects involve cooperation and participation with other governments, particularly related to road and bridge construction. Payments by other governmental agencies are included as funding sources for a total of $4.7 million in 2012-13, including the Smart Grid grant. In addition, other funding sources include $6.0 million of motor fuel tax funds (incl. Local gas tax), and various federal and state grants. The Other Road Funding source, which totals $6 million in FY13 includes the use of $2.5 million of Motor Fuel Tax Fund balance, $2.2 million of Capital Projects Fund balance and a $1.3 million transfer from the General Fund for MIP already included in the FY13 operating budget. Total funding available for the FY13 projects is $29.6 million, 67% of the total projected cost. Currently, in the staff proposal there is $14.7 million that is unfunded for FY13, $9.2 million for General Corporate projects and $5.5 million for Water/Wastewater projects.

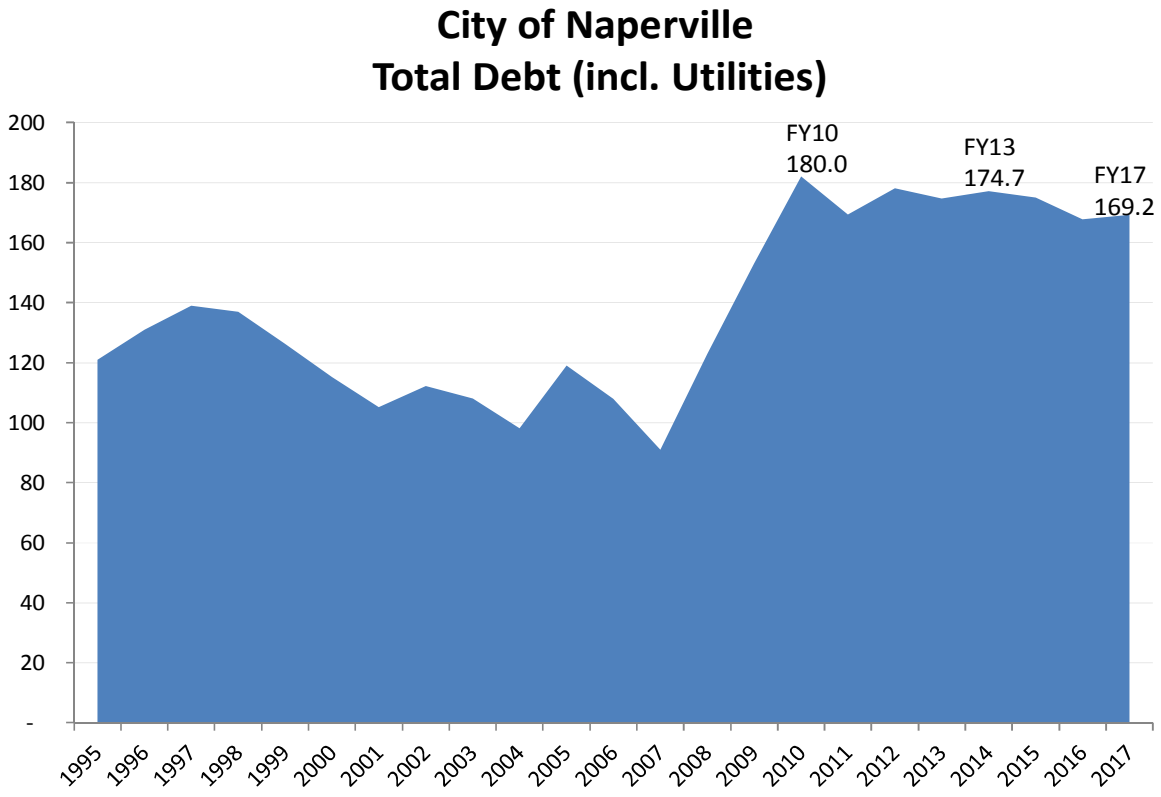
FUNDS AVAILABLE FOR UNFUNDED PROJECTS

The Bond Fund has a current balance of $6.5 million and the Debt Fund has an additional $0.5 million available as prior General Corporate projects were completed below budget or deferred for an extended period and interest has accumulated in the accounts. Having reviewed the past several years experience, project savings and deferrals are on average around $2 million on General Corporate projects. Given the fund balances available and the expectation of actual contract awards, Staff is only proposing to borrow $5.5 million in FY13. The existing Bond Fund balance includes borrowings for recurring Water/Wastewater projects and these funds will be reallocated to fully cover the FY13 Water/Wastewater utility projects. The new General Corporate bond issuance will then replace the existing available debt, and will not result in any increase to the General Corporate borrowing level. In fact, the debt service payments made in FY12 and projected in FY13 will actually reduce the General Corporate debt level from a high of $121 million at the end of FY10 down to $103.6 million by the end of FY13. Total utility debt level will increase in FY13, but will then begin a continual decline starting in FY14 as both utilities move to funding their capital needs from operating revenue.



The following graph outlines the impact of the unfunded for the FY13-FY17 Capital Improvement Program.




City of Naperville
Total Debt (incl. Utilities)
FY10
180.0
FY13
174.7
FY17
169.2
200
180
160
140
120
100
80
60
40
20
-
1995
1996
1997
1998
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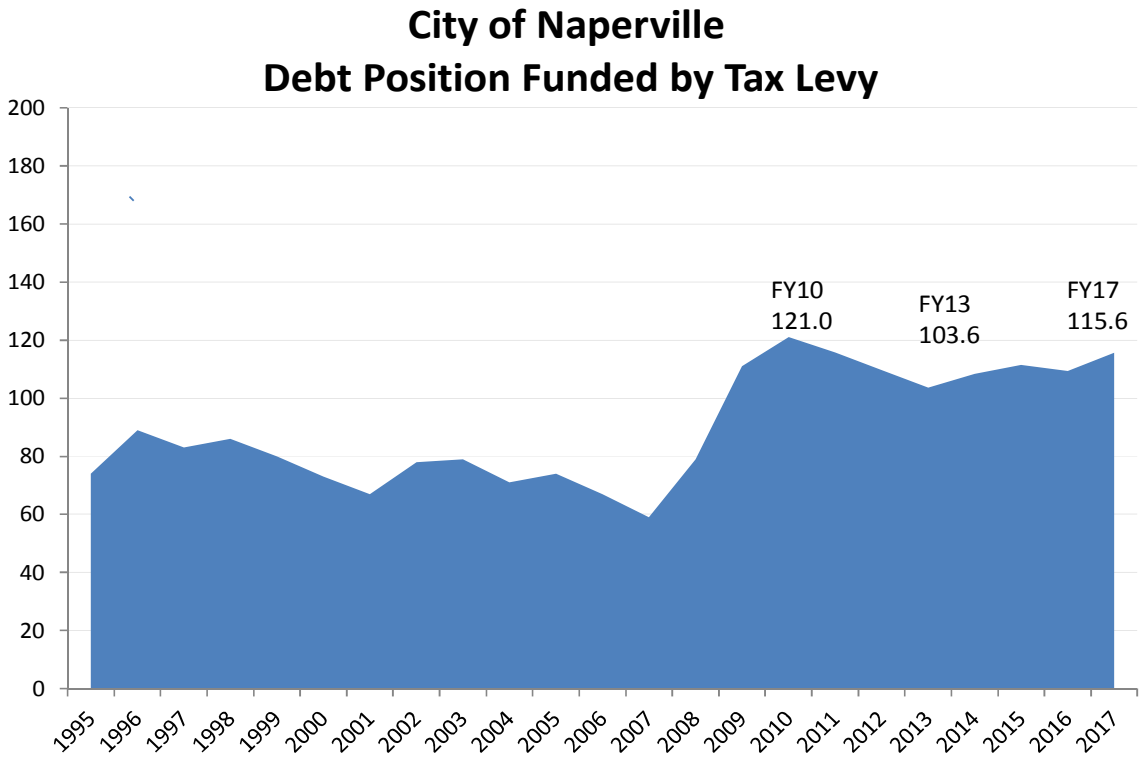
2016
2017


City of Naperville
Debt Position Funded by Tax Levy
FY10
121.0
FY13
103.6
FY17
115.6
200
180
160
140
120
100
80
60
40
20
0
1995
1996
1997
1998
1999
2000
2001
2002
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2016
2017

CITY OF NAPERVILLE
DEBT PROJECTIONS

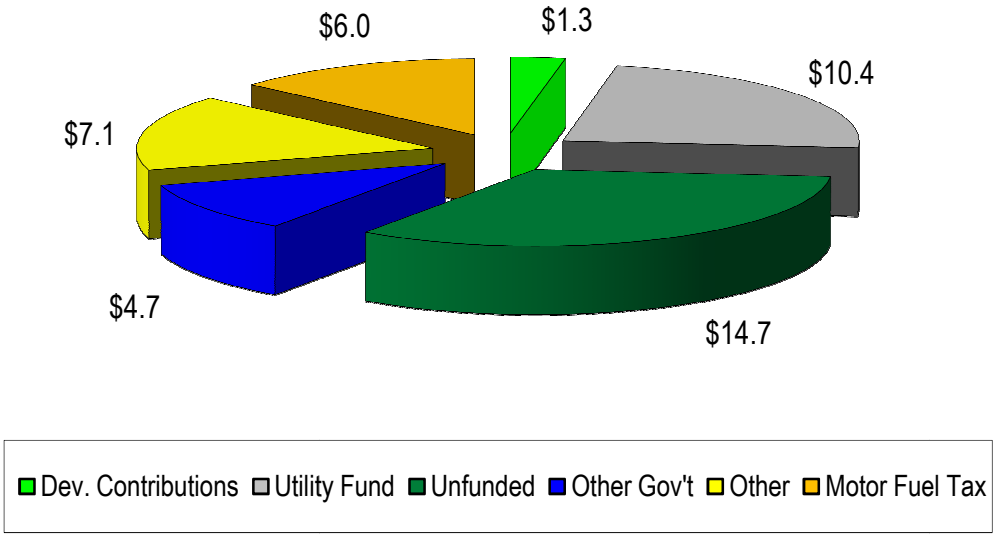
	FY11	FY12	FY13	FY14	FY15	FY16	FY17
General Fund							
Current Debt	121.0	115.8	109.7	103.6	108.4	111.4	109.3
Debt Issuance/Reallocation	**	0.0	0.0 *	11.7	10.3	5.7	14.4
Repay existing	-5.2	-6.1	-6.1	-6.7	-6.7	-6.7	-6.7
Repay new	0.0	0.0	0.0	-0.2	-0.6	-1.1	-1.4
Ending Debt	115.8	109.7	103.6	108.4	111.4	109.3	115.6
Utilities							
Current Debt	59.0	53.6	68.4	71.1	68.8	63.6	58.5
Debt Issuance/Reallocation	**	19.0	5.5 *	2.6	0.0	0.0	0.0
Repay existing	-5.4 ***	-4.2	-2.8	-3.5	-3.8	-3.8	-3.8
Repay new	0.0	0.0	0.0	-1.4	-1.4	-1.4	-1.1
Ending Debt	53.6	68.4	71.1	68.8	63.6	58.5	53.6
Total Municipal Debt	169.4	178.1	174.7	177.2	175.1	167.8	169.2

*Reallocate debt- The Water/Wastewater will be using prior year bond funds for the FY13 capital projects

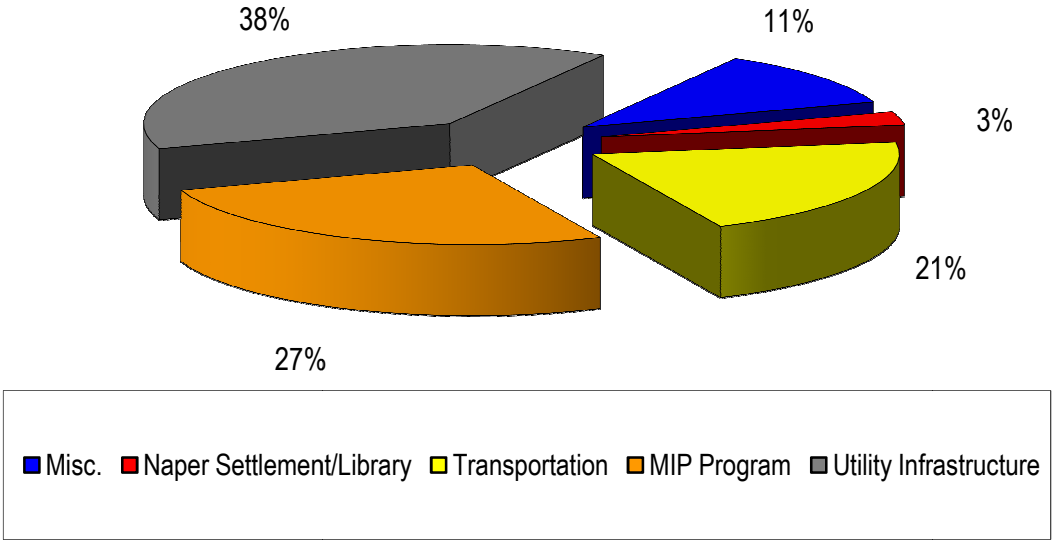
** Borrowing for the FY11 CIP was issued in March 2010

***In FY 11 Water and Wastewater defeased all outstanding revenue bonds.

FY 13 Capital Improvement Projects
Funding Sources
$44.2 (Millions)



FY 13 Capital Improvement Projects
Funding Uses
$44.2 (Millions)



SIGNIFICANT NON RECURRING AND NEW PROJECT HIGHLIGHTS

FY13 (May 1, 2012 to April 30, 2013)

Overall, the proposed CIP has been reviewed for applicability to the City's Strategic Plan and is linked to the future vision for the City.

PUBLIC WORKS

FY13 projects focus on maintaining current facilities and continuing with the Emerald Ash Borer program.

Non-recurring and new projects include:

- Electric Service Center Roof Replacement- $275,000
- Emerald Ash Borer Program- $975,000
- Household Hazardous Waste Replacement Storage Lockers- $196,000
- Building Access Controls Upgrades- $97,000

TRANSPORTATION & ENGINEERING

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

FY 13 Non-recurring and new projects include:

- 95th Street over the DuPage River- $1,500,000
- Huffman Street- $2,370,000
- Route 59 Improvement: Aurora Avenue to Ferry Road- $2,450,000
- Traffic Signals
  - 59 and Lacrosse Lane- $80,000
  - 111th and Chokeberry- $250,000
  - Ogden Av. and Fort Hill Dr. Pedestrian Signal $30,000

RIVERWALK

Continuing rehabilitation of the Riverwalk is the focus for the Commission in FY13.

There is only one Non-recurring project for FY13:

- North Central College Stairway and Access Improvements - $86,000

PUBLIC UTILITIES - ELECTRIC

In addition to the continuing work on the Smart Grid initiative the Electric Department is focusing on infrastructure maintenance. Projects that are focusing on maintenance:

- Underground Transmission & Distribution Replacements- $1,180,000
- Electrical Systems Relocations- $1,586,000
- Electrical Distribution Transformer Purchases- $500,000

- Electrical Distribution Feeders:
  - Underground Cable- $580,000
  - Cable Replacement Program- $500,000

PUBLIC UTILITIES – WATER/WASTEWATER

It is anticipated that continued maintenance of infrastructure will also impact the focus for the Water/Wastewater capital projects needed for the coming year.

Non-recurring and new projects include:

- Springbrook Roadway Improvements- $204,000
- Springbrook Disinfection System Upgrades- $1,574,000
- Treatment Plant - Upgrades & Improvements- $285,000
- Southeast Waterworks Pumps and Controls Replacement- $2,000

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. Unfortunately, this review revealed that the roofs of the Nichols and Naper Boulevard facilities are now in need of replacement. Both of these roofs are original construction and have served the Library well for over 25 and nearly 20 years, respectively. They have reached their end-of-life, though, and with limited capital funds available, the Library has created two new project requests for the FY13 Capital Improvement Program.

- Nichols Library Roof Replacement- $560,000 (Unfunded $310,000)
- Naper Blvd. Roof Repair - $160,000

SUMMARY

The 2013-2017 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 all employees in the departments who contributed to the development of this year's CIP.

Very truly yours,

Karen DeAngelis
Director of Finance

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Admin Services

Administrative Services
FY13 Proposed CIP

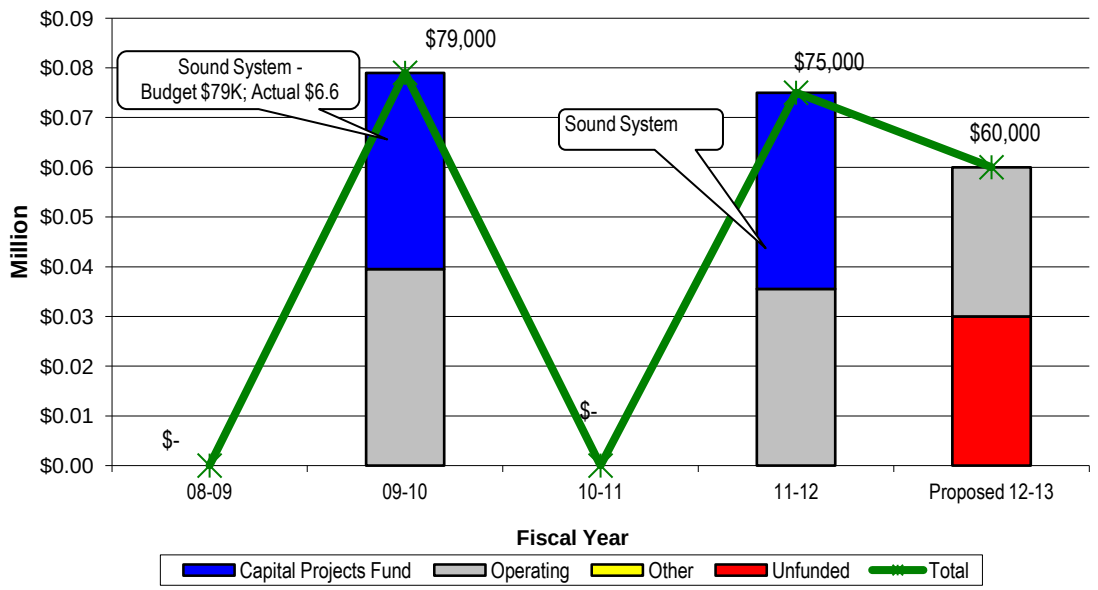
Projects by Functional Area:

Service Enhancements	$	60,000
	$	**60,000**

Revenue Sources:

Unfunded Capital	$	30,000
Water/Wastewater Operating Revenue		15,000
Electric Operating Revenue		15,000
	$	**60,000**

Five Year Historical Budget and Source of Funds of Admin Services CIP Projects



Administrative Services
Projects by Function for FY12-13

Funding Sources:

Project #	Description of Project	Unfunded Capital	Water/Wastewater Operating Revenue	Electric Operating Revenue	Grand Total
Service Enhancements					
LR077	WPFP AM 1610 Radio Station Upgrade	30,000	15,000	15,000	**60,000**
Total		**30,000**	**15,000**	**15,000**	**60,000**
Grand Total		**$ 30,000**	**$ 15,000**	**$ 15,000**	**$ 60,000**

FY2013-2017 CIP
Administrative Services
Executive Summary

In the FY 2013-2017 Capital Improvement Plan, Administrative Services (City Manager's Office) continues to undertake several initiatives that move the City closer to achieving its Strategic Vision.

Fiscal Year 2012 - 2016

EQ036- Sound Systems Equipment Replacement

This project replaced nonfunctional, antiquated, and inadequate sound system equipment located in the City Council Chambers in order to provide improved amplification for Council, staff, and the audience attending meetings in person or viewing via online streaming or the City's government access station WCNC. The scope of this project was expanded to include video equipment as well.

Fiscal Year 2013 - 2017 Summary

LR077- WCNC 1610 AM Radio Station Replacement

The purpose of this project is to support the policy objectives outlined in FY 2012 Strategic Plan Initiative goal No. 3 "Devise a new citywide Communication Policy beginning with communications during emergency events" by replacing the City's current informational radio station, WPFP 1610 AM.

The new system will give the opportunity to relocate the antennas to effect more adequate coverage, as well as to provide many more minutes of recording time (3 hours), two-way control as a redundancy (if desired), 1000 messages and 50 playlists, more audio programming capabilities and a general audio quality upgrade due to 16 bit recording capability.

Departmental Criteria

- The current equipment is antiquated and no longer serviceable. Only two of three existing antennas are operable.
- Radio Frequency coverage is not available in all areas of Naperville due to the City's growth after the original system was installed.
- The current system does not trigger messages in association with siren activation.
- The current system does not allow National Oceanic Atmosphere Administration weather radio alerts.

Technology

Technology
FY13 Proposed CIP

Projects by Functional Area:

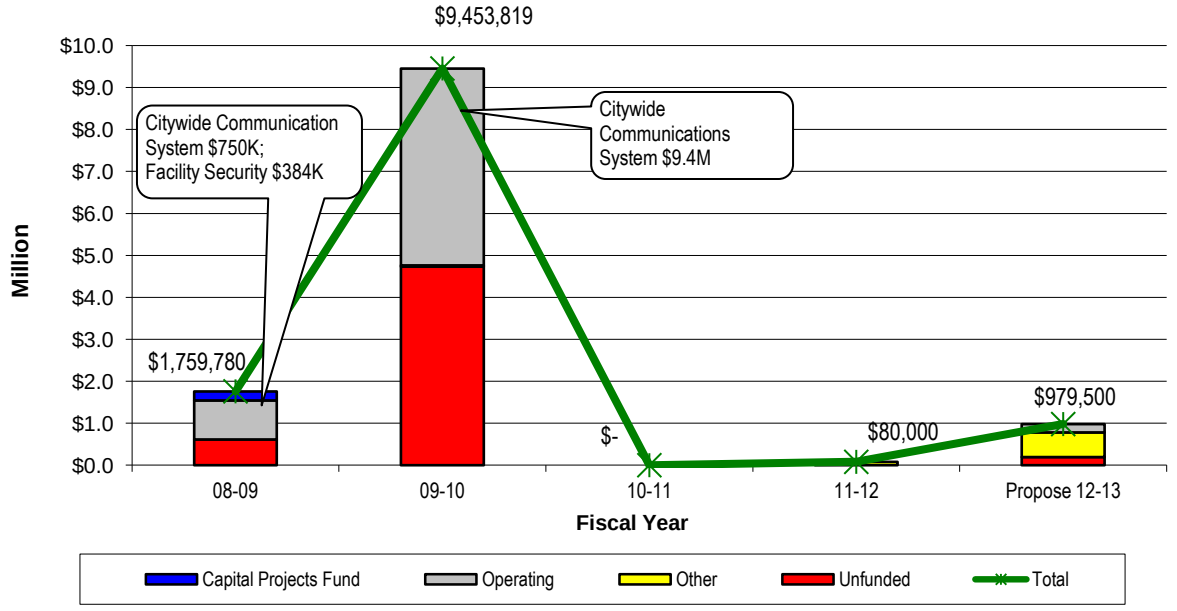
New Systems		192,500
System Improvements	$	787,000
	$	**979,500**

Revenue Sources:

General Fund	$	32,500
Replacement Fund		513,000
Commuter Parking Fund		42,000
Water/Wastewater Operating Revenue		93,900
Electric Operating Revenue		101,600
	$	**783,000**

Current Unfunded	**$**	**196,500**

Five Year Historical Budget and Source of Funds of Technology CIP Projects



Technology
Projects by Function for FY12-13

Funding Sources:

Project #	Description of Project	General Fund	Commuter Parking Fund	Replacement Fund	Water/Waste water Operating Revenue	Electric Operating Revenue	Unfunded	Grand Total
New Systems								
CE126	Cityworks Desktop to Server AMS Upgrade	-	-	51,000	-	-	-	**51,000**
EG006	Emergency Notification System Replacement	-	-	-	15,000	15,000	30,000	**60,000**
LR076	Security Cameras	-	42,000	-	-	-	39,500	**81,500**
Total		**-**	**42,000**	**51,000**	**15,000**	**15,000**	**69,500**	**192,500**
System Improvements								
CE034	Geographic Information System(GIS) Land Base Additions	-	-	-	63,500	63,500	127,000	**254,000**
CE117	Wide Area Network Equipment Replacement	-	-	380,000	-	-	-	**380,000**
MB159	Municipal Center Data Center Redesign	32,500	-	82,000	15,400	23,100	-	**153,000**
Total		**32,500**	**-**	**462,000**	**78,900**	**86,600**	**127,000**	**787,000**
Grand Total		**$ 32,500**	**$ 42,000**	**$ 513,000**	**$ 93,900**	**$ 101,600**	**$ 196,500**	**$ 979,500**

FY 2013-2017 CIP
Information Technology Department
Executive Summary

Fiscal Year 2011-2012 Summary and Highlights

CE118 – Storage Area Network
In FY 2012, due to the increased demand for data storage, Information Technology staff added four terabytes (4,000 gigabytes) of disk space to its Storage Area Network.

Fiscal Year 2013 – 2017 Summary

EG006 – Emergency Notification System Replacement
In FY 2013 the City will replace its current Emergency Notification System as a result of an emergency communication policy development process that determined that the City's current system does not have the necessary capacity and functionality to meet the City's needs.

LR076 – Security Cameras
In FY 2013 the City will upgrade security cameras at the Downtown Metra Train Station and Police Department, and consolidate the management of all cameras with the existing system. In FY 2014 security cameras at the Public Works Service Center building will be upgraded.

CE034 – Geographic Information System (GIS) Land Base Additions
In FY 2013 staff will update the GIS land base. The land base includes planimetric data (buildings, roads, etc.), topographic data (contours, elevations) and digital orthophotography (scanned aerial photos) and is used as the basis for nearly all of the city's GIS applications.

CE117 – Wide Area Network Equipment Replacement
In FY 2013 the Information Technology Department will replace the enterprise wide area network (WAN) routers that are the core components in the city’s voice and data network.

CE126 – Cityworks Asset Management System Server Implementation
In FY 2013 the Information Technology Department will migrate the City's asset management system from Cityworks Desktop to the Cityworks Server AMS (Asset Management Solution) environment to create a simpler and more efficient workflow for creating service requests and work orders for all DPU-E, DPU-W and DPW assets.

MB159 – Municipal Center Data Center Redesign
In FY 2013 a redesign of the Municipal Center data center and replacement of the cooling systems will need to be completed to provide a more effective cooling environment, a reduction in energy costs and enhanced security.

EG004 – City Website Redesign
In FY 2014 Information Technology and Community Relations staff will team together to redesign the city’s website, migrate content from the city’s current website and implement a new platform for web content management.

EG005 – e-Bill Online Utility Bill Payment Migration
In FY 2014 the City will replace its e-Bill system that allows for residents and businesses to pay utility bills online 24 hours a day, seven days a week. The City's contract with its current e-Bill provider expires in FY 2014. Due to the expiration of the contract the City has an opportunity to implement a new e-Bill system that improves business processes and reduces operating costs.

CE118 – Storage Area Network
In FY 2014 the Information Technology Department will replace the City's Storage Area Network purchased in FY 2009 that will reach its end of life.

CE122 – Electronic Forms Implementation
In FY 2015 the Information Technology Department proposes to implement software to enable City departments to convert their manual paper forms dependent processes to automated electronic processes in accordance with an Electronic Forms Strategy.

CE123 – Exchange Upgrade
In FY 2014 the Information Technology Department will replace the hardware and software for the City's Microsoft Exchange email implementation.

CE124 – City Intranet Upgrade
In FY 2014 the Information Technology Department will migrate the City's Microsoft SharePoint Intranet to the most current supported version.

CE125 – SunGard Enterprise Resource Planning (ERP) Software Migration
In FY 2014 the Information Technology Department proposes to begin a three year process of migrating the City's SunGard Public Sector ERP software from the current platform, which the City implemented in 2000, to SunGard's new suite of redesigned applications or an equivalent solution from another ERP provider.

CE112 – Disaster Recovery Data Center
In FY 2015 staff proposes the establishment of an off-site disaster recovery data center. By utilizing the City's low cost connection to Northern Illinois University's (NIU) network the city can implement a cost-effective solution that ensures enterprise-wide data and application availability and enables continuity of service delivery to the city's residents and customers.

CE120 – Downtown Wireless Network Infrastructure Replacement
In FY 2015 the Information Technology Department will replace the wireless network infrastructure that supports the downtown security camera system and the parking guidance system.

FY 2013-2017 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:

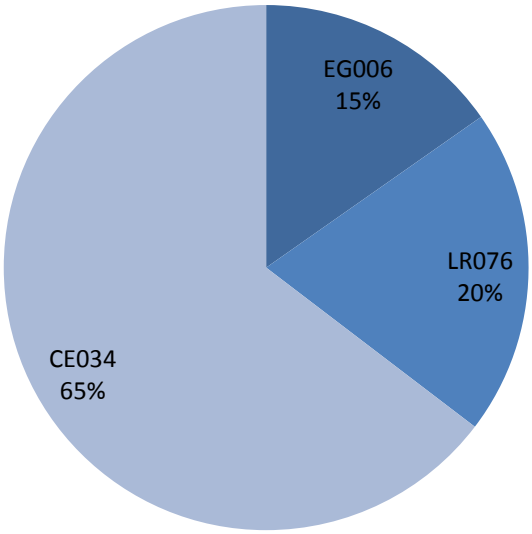
A = High Priority – Absolutely have to do in the upcoming fiscal year due to legal requirements, contractual obligations, requirement to maintain basic City operations or business needs leading to significant cost reduction.

B = Medium Priority – Essential, but could be deferred for one year.

C = Low Priority – Important, but could be deferred more than one year.

Unfunded

The current proposed unfunded of $196,500 consists of three projects. The GIS Land Base Update (CE034) contributes $127,000 or 65%, Security Cameras (LR076) is $39,500 or 20%, and the Emergency Notification System (EG006) contributes $30,000 or 15%. The figure to the right shows the distribution of unfunded dollars in FY12-13.



Fire

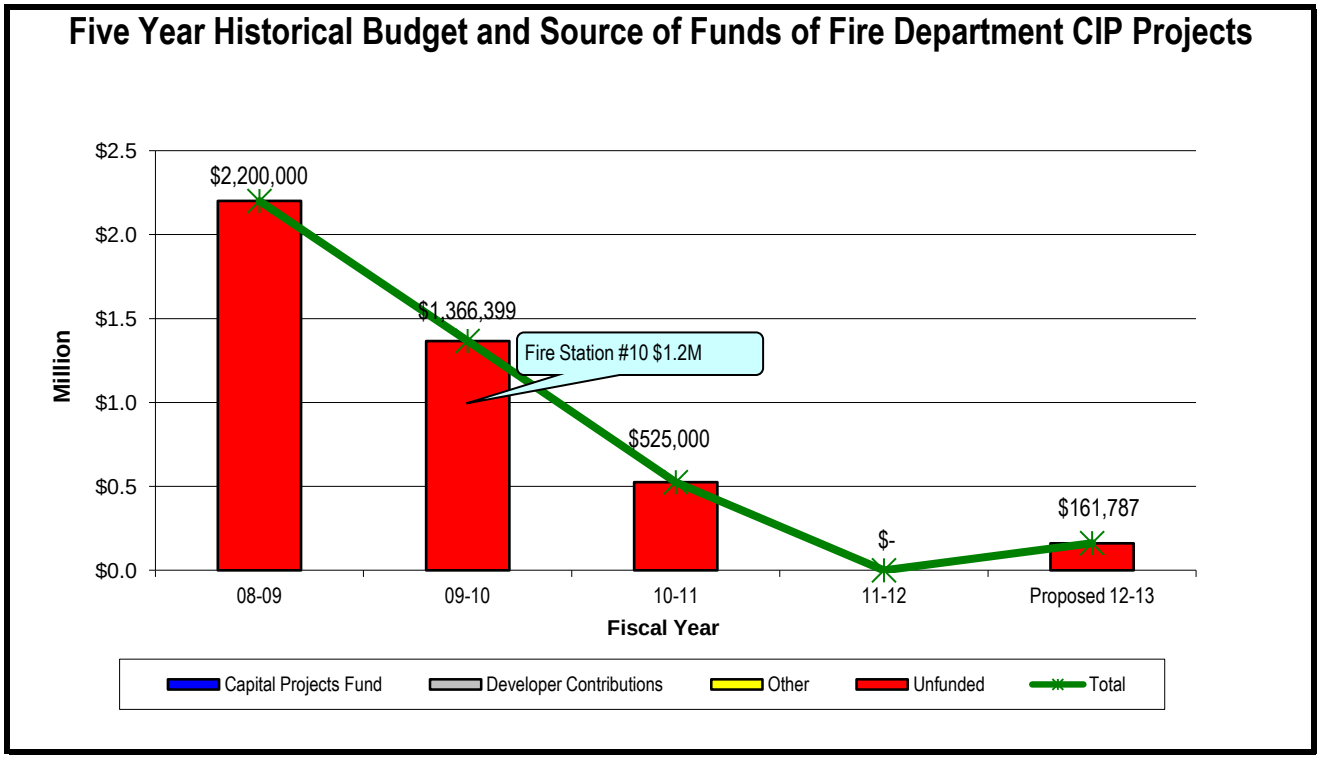
Fire Department
FY13 Proposed CIP

Projects by Functional Area:

Service Enhancements	$	161,787
	$	**161,787**

Revenue Sources:

Current Unfunded	**$**	**161,787**



Fire Department
Projects by Function for FY12-13

Funding Sources:

Project #	Description of Project	Unfunded	Grand Total
Service Enhancements			
MB096	Training Facility Refurbishment	161,787	161,787
Total		161,787	161,787
Grand Total		$ 161,787	$ 161,787

Fiscal Year 2013-2017 Summary

MB096: Training Facility Refurbishment

In FY12-13, the Fire Department will institute the repair and refurbishment of the training facility located at Fire Station #4. This project is for the regular maintenance and refurbishment necessary to maintain a safe training environment, as the building materials on interior portions of the building have degraded due to rapid heating and cooling during live fire training conditions. The main concrete spandrels of the building are due for structural analysis testing and significant exterior maintenance is necessary due to degradation from the elements. This project was originally proposed in the CIP in FY09-10. Due to budgetary deficit, the project was pushed forward in FY11 and then FY12 but was subsequently dropped and pushed out to FY 13. The Fire Department proposes this project for FY12-13.

Departmental Criteria

The following criteria were used to determine project need, and for recommendation of projects for inclusion in the CIP.

- Deliver and provide excellent emergency medical care
  The Department must prioritize and implement projects that will allow it to provide emergency medical services within the guidelines established by the Illinois Department of Public Health.
- Maintain Physical Resources in mission ready condition.
- Maintain Department's physical infrastructure in order to provide the most cost-effective training for Department personnel in a safe, dependable environment.

Police

Police Department
FY13 Proposed CIP

Projects by Functional Area:

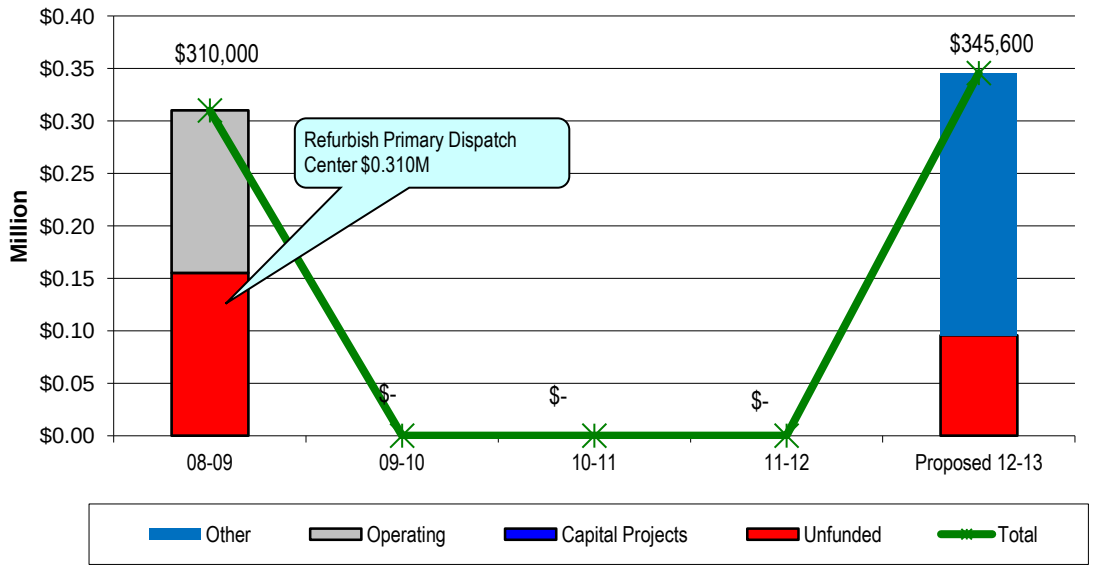
Technology	$	250,000
Building Modifications		95,600
	$	**345,600**

Revenue Sources:

Private Contributions	$	250,000
	$	**250,000**

Current Unfunded	**$**	**95,600**

Five Year Historical Budget and Source of Funds of Police CIP Projects



Police Department
Projects by Function for FY12-13

Funding Sources:

Project #	Description of Project	Private Contributions	Unfunded	Grand Total
Technology				
EQ037	In-Car Camera Project	250,000	-	**250,000**
Total		**250,000**	**-**	**250,000**
Building Modifications				
MB169	Upgrade to Police Firing Range	-	95,600	**95,600**
Total		**-**	**95,600**	**95,600**
Grand Total		**$ 250,000**	**$ 95,600**	**$ 345,600**

FY 2013-2017 CIP
Police Department
Executive Summary

Fiscal Year 2012 – 2016 Summary and Highlights

There were no police department projects for FY12-16.

Fiscal Year 2013 - 2017 Summary

EQ037: In-Car Camera Project

This project will provide the installation of in-car digital video equipment in police patrol vehicles. The goal is to have a means to provide digital video evidence in support of legal prosecution of DUI offenders and additionally as a risk management tool to defend against false claims of officer misconduct. This project will be reimbursed from the DUI Technology Fund on a five year schedule.

MB169: Upgrade to Police Firing Range

This project will provide upgrades to the police firing range including impact areas and target system. The ventilation system upgrade is being completed in FY12. The goal is to provide a range that is configured for high velocity rifle training, operational for deadly force decision making training, and environmentally free from inhaled contaminants.

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.

Naper Settlement

Naper Settlement
FY13 Proposed CIP

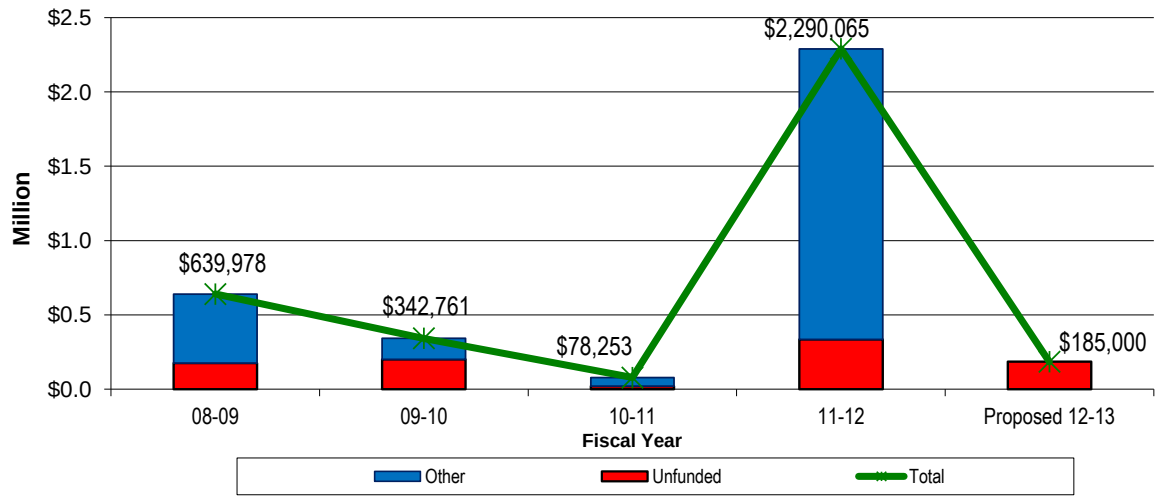
Projects by Functional Area:

Life Safety and Security Improvements	$	185,000
		185,000

Revenue Sources:

Current Unfunded	**$**	**185,000**

Five Year Historical Budget and Source of Funds of Naper Settlement CIP Projects
Excludes the Museum Storage Facility that was linked to the DPW Facility



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 FY12-13

Funding Sources:

Project #	Description of Project	Other Government	Unfunded	Grand Total
Life Safety and Security Improvements				
NS044	Life Safety and Security Improvements		185,000	**185,000**
Total		**-**	**185,000**	**185,000**
Grand Total		**$ -**	**$ 185,000**	**$ 185,000**

FY2013-2017 CIP
Naper Settlement
Executive Summary

Fiscal Year 2011 - 2012 Summary and Highlights

During the past year, Naper Settlement completed reconstruction of the interior roadways throughout the museum site. This project, along with the underground vault constructed in fiscal year 2011, was designed to improve stormwater management on the site and water quality of the DuPage River watershed. The project incorporated environmentally-friendly permeable concrete pavers with improved underlayment along with infiltration zones, rain gardens and cisterns connected to irrigation systems. The roadways also improve site accessibility to visitors and vehicles and provide additional educational interpretation opportunities. The City contributed $320,500 in funding toward this $2.3 million project, $20,500 in fiscal year 2011 and $300,000 in fiscal year 2012 through NS019, Settlement Roadways. The Naperville Heritage Society (the Society) secured the remaining funds from grants from the U.S. EPA, Illinois EPA, DuPage County, State of Illinois Capital Bill, Kane DuPage Soil & Water Conservation District, Tellabs, DuPage Community Foundation, and an in-kind donation from Wight & Company.

The other capital project completed during FY11-12 was replacement of the interior Chapel ADA lift (NS044, Life Safety and Security). Parts for the previous lift had become increasingly more costly and difficult to find. The Chapel is a revenue-generating building serving weddings, rentals and school trips. Compliance with ADA accommodation requirements is a necessity.

Fiscal Years 2013 - 2017 Summary

Naper Settlement is requesting City funding for two capital improvements in FY12-13, both part of NS044, Life Safety and Security. This project improves and expands the life safety, accessibility and security features that protect the site, visitors and staff.

- The current fiber cement siding on the Annex has been tested and found to contain asbestos. Due to the age of the siding (40-50 years old) and condition of lower shingles, it is recommended that the asbestos be properly abated and the building re-sided. This building houses museum staff and is a centrally located feature on the site. The estimated costs to abate and re-side the building with an appropriate style material are $150,000.
- Funds are also requested for replacement of the interior chair ADA lift in the Pre-Emption House. The current lift is over 15 years old and parts are becoming increasingly more costly and difficult to find. The Pre-Emption House is the gateway to the Settlement, and the lift provides access to the heavily used, second floor research library, archives and conference room. As such it is imperative that accessibility needs of visitors and volunteers be met for compliance with ADA requirements. Lift replacement is estimated to cost $35,000.

Several capital projects are planned to continue after fiscal year 2013. The timing of all of these projects was evaluated in order to schedule implementation for the latest reasonable timeframe without causing a detrimental impact to safety or operations. In

fiscal year 2014, NS030 supports updating the landscape master plan to incorporate changes resulting from the roadways project and the long-range master site plan. Specific garden designs are planned for future years beginning in FY15-16. The City's infrastructure support for future historic buildings is identified in NS040 for FY14-15 for an anticipated 1850s structure. The schedule for this CIP is dependent upon when the present owner develops the property at 28 W. Chicago Avenue necessitating the removal of the historic building. Sprinkler system expansion, budgeted in NS045, continues with selected gardens in fiscal year 2015. NS027, Site Development, supports historical and architectural assessment, research and renovation of the Naper Haight House and Daniels House in fiscal years 2016 through 2021 so these buildings can be opened to the public. 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.

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.

Library

Naperville Public Library
FY13 Proposed CIP

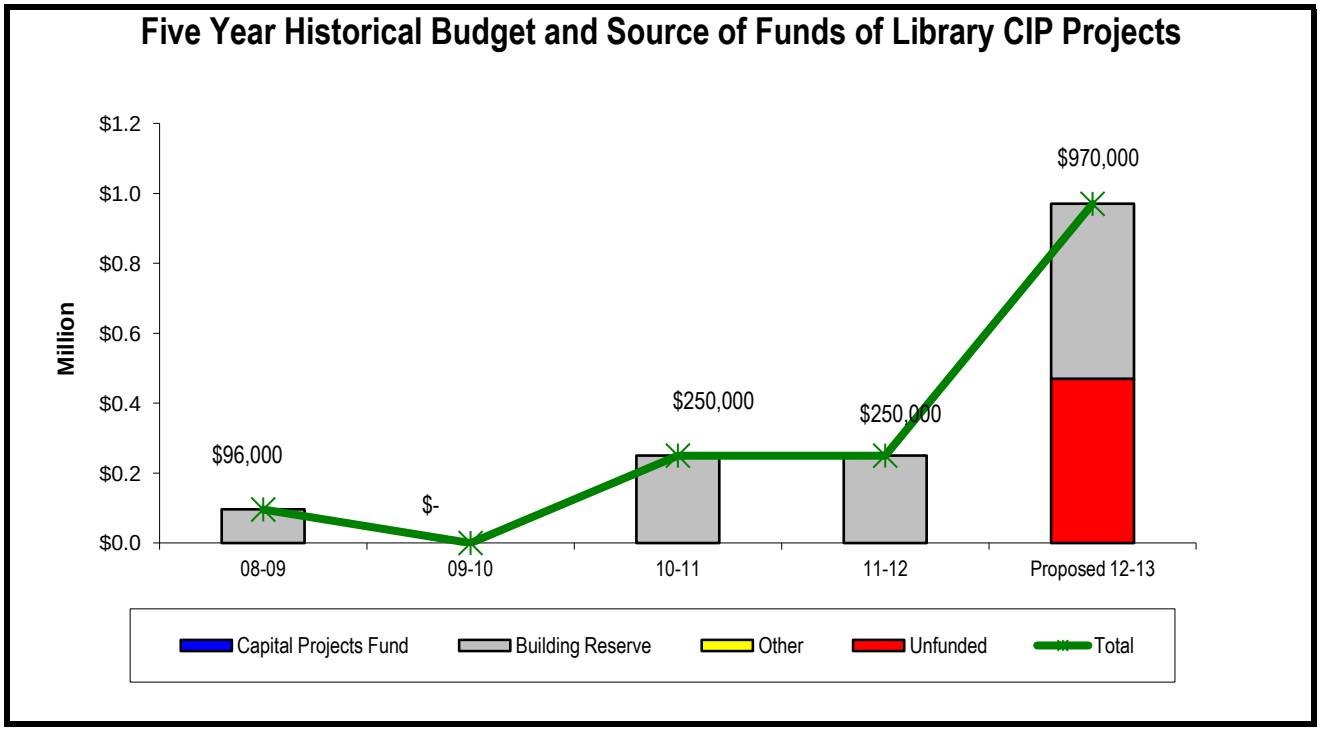
Projects by Functional Area:

Service Delivery Enhancement	$	250,000
Building Maintenance		720,000
		970,000

Revenue Sources:

Library Building Reserve	$	500,000
	$	**500,000**

Current Unfunded	**$**	**470,000**



Naperville Public Library
Projects by Function for FY12-13

Project #	Description of Project	Library Building Reserve	Unfunded	Grand Total
Service Delivery Enhancement				
LB014	Maintenance & Emergencies	250,000		**250,000**
Total		**250,000**	**-**	**250,000**
Building Maintenance				
LB017	Naper Blvd. Roof Repair	-	160,000	**160,000**
LB016	Nichols Library Roof Replacement	250,000	310,000	**560,000**
Total		**250,000**	**470,000**	**720,000**
Grand Total		**$ 500,000**	**$ 470,000**	**$ 970,000**

FY 2013-2017 CIP
Naperville Public Library
Executive Summary

Fiscal Year 2011 - 2012 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. For example, in 2009 the Library launched a major renovation project that spanned all three facilities – including many aspects of the Nichols Library that had not been updated since its opening in 1986. During FY11-12, the Library will complete several smaller replacement items such as the replacement of the 25 year old UPS system at Nichols and the CD shelving at two of the facilities.

Fiscal Year 2012 - 2013 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 of a routine maintenance or minor capital expenditure nature. Such work would include: asphalt work; boiler, generator or UPS repairs or replacements; and concrete work at Nichols and Naper Blvd.

LB016 Nichols Library Roof Replacement

This project is for the replacement of the roof at the Nichols Library. With a recent review of the library buildings, it was discovered that the original roof of 25+ years is in need of replacement. The total cost is estimated to be $560,000. The library will utilize $250,000 from its building reserve which leaves a total of $310,000 unfunded. The library will apply for a possible grant from the Illinois State Library Construction Grant fund for a possible portion of this unfunded balance.

LB017 Naper Blvd. Roof Repair

This project is for the repair of the roof at the Naper Blvd. Library. With a recent review of the library buildings, it was discovered that the original roof of nearly 20 years is in need of repair. The total cost is estimated to be $160,000, which is unfunded.

Public Works

Department of Public Works
FY13 Proposed CIP

Projects by Functional Area:

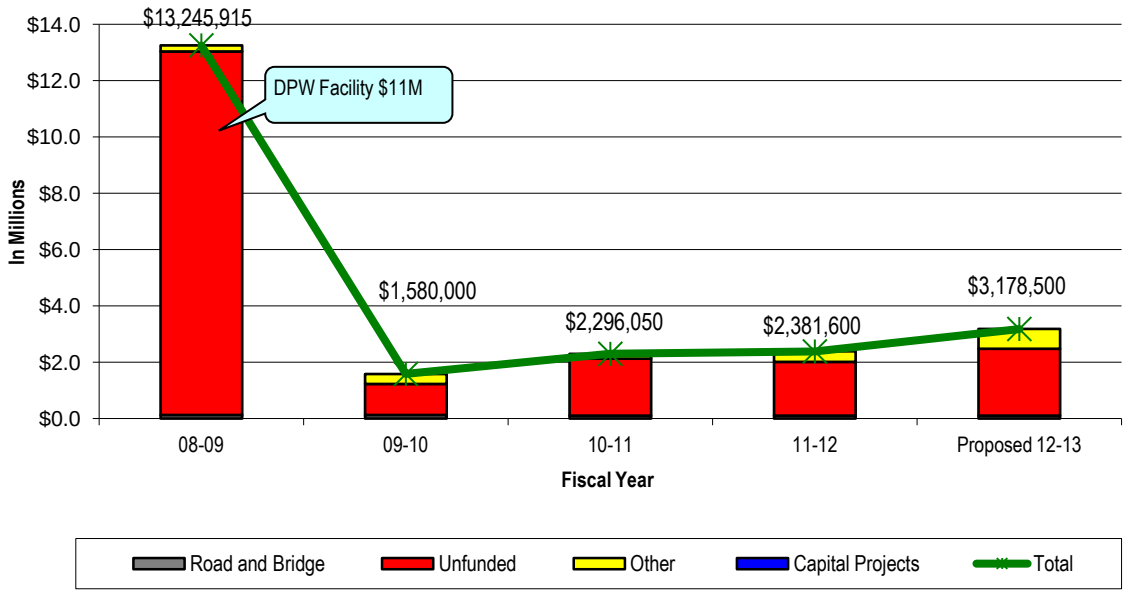
Maintenance - Public Buildings	$	733,000
Maintenance - Public Right-of-Ways		1,205,500
Maintenance - Storm Water		1,040,000
Technology		200,000
		3,178,500

Revenue Sources:

Commuter Parking Fund	$	182,500
Other Government		196,000
Electric Operating Revenue		275,000
Special Assessment (SSA)		42,800
Local/State Motor Fuel Tax and Road/Bridge Funds		100,000
	$	**796,300**

Current Unfunded	**$**	**2,382,200**

Five Year Historical Budget and Source of Funds of Public Works CIP Projects



Department of Public Works
Projects by Function for FY12-13

Funding Sources:

Project #	Description of Project	Commuter Parking Fund	Electric Operating Revenue	Special Assessment (SSA)	Other Government	Motor Fuel Tax and Road/Bridge Funds	Unfunded	Grand Total
Maintenance - Public Buildings								
MB112	HHW Replacement Storage Locker	-	-	-	196,000	-	-	**196,000**
MB136	Municipal Center Plaza Restoration and Replacement Program	-	-	-		-	15,000	**15,000**
MB137	Concrete Joint & Platform Rehabilitation at Wash. Underpass	60,000	-	-		-	-	**60,000**
MB161	Electric Service Center Roof Replacement	-	275,000	-	-	-	-	**275,000**
MB168	Fire Sprinkler Replacement	-	-	-		-	40,000	**40,000**
MB172	HVAC System Replacement - Fire Station#7/EOC	-	-	-		-	50,000	**50,000**
MB177	Building Access Controls Upgrade	-		-		-	97,000	**97,000**
Total		**60,000**	**275,000**	**-**	**196,000**	**-**	**202,000**	**733,000**
Maintenance - Public Right-of-Ways								
MB160	Downtown Parking Deck Maintenance Program	-	-	42,800	-	-	-	**42,800**
MB170	Tuck-Point Masonry at Burlington Commuter Station	55,000	-	-	-	-	-	**55,000**
MB173	Pedestrian Tunnel Roof Leak Repair	67,500	-	-	-	-	-	**67,500**
PA040	Emerald Ash Borer Program	-	-	-	-	-	975,000	**975,000**
SL135	Street Light Upgrade - Knoch Knolls	-	-	-	-	-	65,200	**65,200**
Total		**122,500**	**-**	**42,800**	**-**	**-**	**1,040,200**	**1,205,500**
Maintenance - Storm Water								
SC223	Alley Improvement program	-	-	-	-	100,000	-	**100,000**
SW001	Annual Stormwater Management Programs	-	-	-	-	-	130,000	**130,000**
SW017	Storm Sewer Lining Program		-				700,000	**700,000**
SW025	Storm Sewer Extension Program	-	-	-	-	-	75,000	**75,000**
SW026	Stormwater System Replacement Program						35,000	**35,000**
Total		**-**	**-**	**-**	**-**	**100,000**	**940,000**	**1,040,000**
Technology								
CE084	Stormwater Asset Management and Master Plan						**200,000**	**200,000**
Total		**-**	**-**	**-**	**-**	**-**	**200,000**	**200,000**
Grand Total		**$ 182,500**	**$ 275,000**	**$ 42,800**	**$ 196,000**	**$ 100,000**	**$ 2,382,200**	**$ 3,178,500**

FY 2013-2017 CIP
Public Works Department
Executive Summary

Fiscal Year 2011-2012 Summary and Highlights

In FY2011-12, the Department of Public Works (DPW) started the Emerald Ash Borer (EAB) Removal and Replacement Program. This project was started in response to the infestation of EAB, first identified in June of 2008. There are 15,695 ash trees, which make up 27% of the city's parkway tree inventory, and to manage the spread of the disease, DPW developed a containment strategy that includes the removal and replacement of infected trees and the treatment of infected and healthy ash trees. Through FY12, DPW has removed 320 trees and in FY13 plans to remove, restore and replace approximately 1,400 trees.

Other major CIP projects that were completed in FY2011-12 include; the alley improvement program, in which two alleys were reconstructed, this completes a total of 34 out of 61 alley segment projects; stormwater maintenance projects including re-lining sections of the city's 4.5 million linear feet of stormwater pipes, for a total of 118,686 linear feet re-lined since the project's inception; the removal and replacement of the fire alarm panel and notification devices at the Police Station; and the removal and replacement of the fire sprinkler pipe system at the Municipal Center. DPW also completed the first phase of street lighting upgrades in the Knoch Knolls subdivision as well as the installation of LED streetlights along Modaff Road.

DPW also began work on the Stormwater Asset Management and Master Plan project. This two-year project is being completed in conjunction with the TED and IT departments, to complete a stormwater field inventory that will cover approximately 12.41 squares miles, or 56 city grids. The city has contracted with Woolpert to perform field work to find/verify stormwater asset locations, identify feature types/subtypes and field-verify connectivity of the existing stormwater system. It is estimated that there are 17,377 stormwater features in the targeted project area (excluding pipes).

Fiscal Year 2013-2017 Summary

In FY2012-13, DPW seeks to continue work on annual and recurring programs. These programs include: the alley improvement program, where alleys between Ellsworth and Center from 5th to 6th and between Ellsworth and Center from 7th to 8th will be reconstructed; annual stormwater management projects and the storm sewer lining program, where approximately 10,000 linear feet of pipe in grids 88, 103, and 118 will be televised and re-lined. This area is East of Olesen to the Lisle Border and South of Chicago. These annual and recurring programs serve to maintain and enhance the city's infrastructure.

To sustain the quality of city buildings, DPW has scheduled projects to replace, upgrade, and modify buildings and building components. In FY13 these projects include: the upgrade and replacement of the City's building access control system; the replacement of the fire sprinkler pipes at the Police Station; the first of 4 years of roof replacement at the Electric Service Center; HVAC replacement at Fire Station #7; masonry work at the 5th Avenue train station; and the replacement of the hazardous material storage lockers at the Household Hazardous Waste site.

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?

DPU-Electric

Department of Public Utilities - Electric
FY13 Proposed CIP

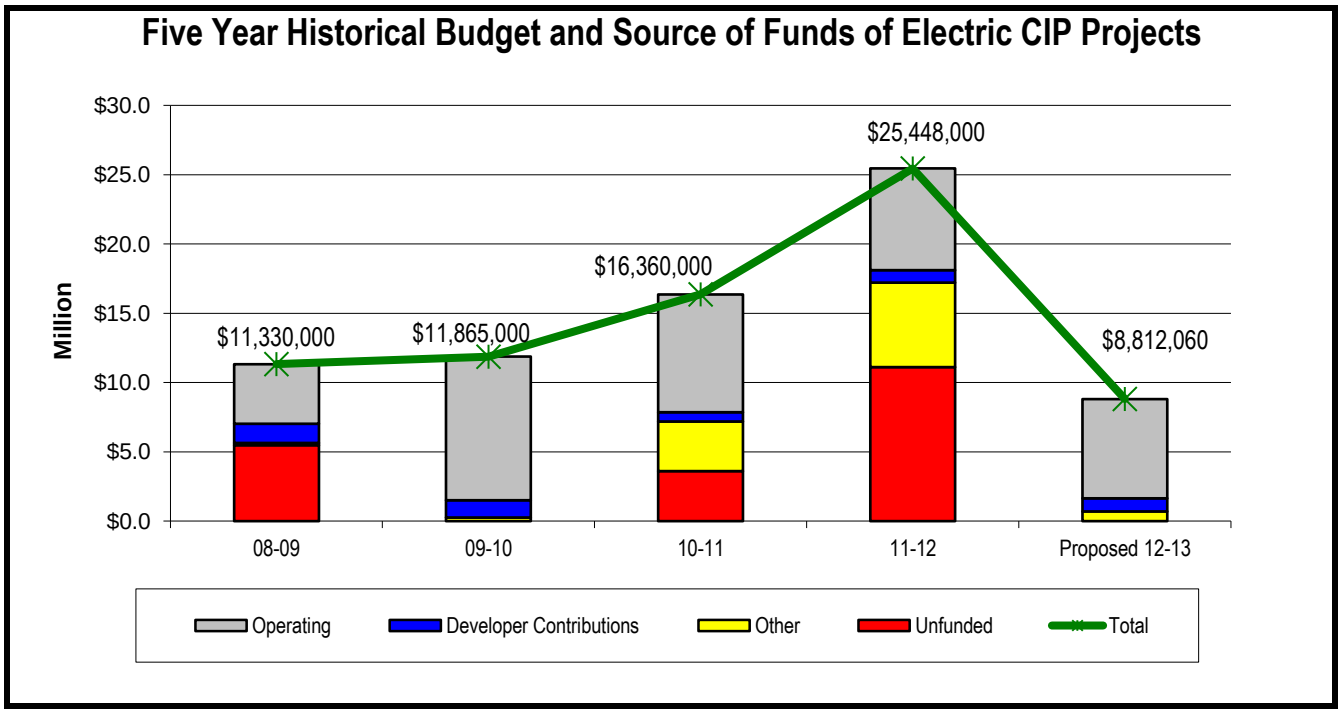
Projects by Functional Area:

Automation, GIS, SCADA, & Integration	$	2,011,060
Electric Distribution Feeders (12.5 kV)		1,080,000
Electric Distribution, Services & Metering		4,816,000
Substations		125,000
Transmission & Subtransmission		780,000
	$	**8,812,060**

Revenue Sources:

Developer Contribution	$	950,000
Other Government Contributions		694,645
Electric Operating Revenue		7,167,415
	$	**8,812,060**

Current Unfunded	**$**	**-**



Department of Public Utilities - Electric
Projects by Function for FY12-13

Funding Sources:

Project #	Description of Project	Developer Contribution	Other Government Contributions	Electric Operating Revenue	Electric - Unfunded	Grand Total
Automation, GIS, SCADA, & Integration						
EU66	Fiber Optic Cable for Metro Area Network (MAN)	-	-	50,000	-	**50,000**
EU77	Smart Grid Initiative Projects	-	694,645	694,645	-	**1,389,290**
EU78	Supervisory Control and Data Acquisition	-	-	515,000	-	**515,000**
EQ039	Security Cameras- Electric Utility	-	-	56,770	-	**56,770**
Total		**-**	**694,645**	**1,316,415**	**-**	**2,011,060**
Electric Distribution Feeders (12.5 kV)						
EU14	Underground Cable (Feeders) & Equipment Additions	-	-	580,000	-	**580,000**
EU52	Cable Replacement Program for Underground Residential Development	-	-	500,000	-	**500,000**
Total		**-**	**-**	**1,080,000**	**-**	**1,080,000**
Electric Distribution, Services & Metering						
EU01	Residential Electric Services - New & Existing	250,000	-	-	-	**250,000**
EU02	Electric Meter Installations	200,000	-	-	-	**200,000**
EU03	Facilities Installations/New Customers	500,000	-	-	-	**500,000**
EU05	Overhead Transmission & Distribution Replacements	-	-	300,000	-	**300,000**
EU06	Underground Transmission & Distribution - Additions	-	-	300,000	-	**300,000**
EU07	Underground Transmission & Distribution - Replacements	-	-	1,180,000	-	**1,180,000**
EU12	Electrical System Relocations	-	-	1,586,000	-	**1,586,000**
EU65	Electric Distribution Transformer Purchases	-	-	500,000	-	**500,000**
Total		**950,000**	**-**	**3,866,000**	**-**	**4,816,000**
Substations						
EU22	Substation Emergency Repair/Replacement Items	-	-	125,000	-	**125,000**
Total		**-**	**-**	**125,000**	**-**	**125,000**

Department of Public Utilities - Electric
Projects by Function for FY12-13

Funding Sources:

Project #	Description of Project	Developer Contribution	Other Government Contributions	Electric Operating Revenue	Electric - Unfunded	Grand Total
Transmission & Subtransmission						
EU29	Underground Sub-transmission Circuit Additions & Upgrades	-	-	200,000	-	**200,000**
EU44	Fiber Optic Cable for 138kV Relay Protection and Communication	-	-	430,000	-	**430,000**
EU47	138kV Relay Improvements	-	-	150,000	-	**150,000**
Total		**-**	**-**	**780,000**	**-**	**780,000**
Grand Total		**$ 950,000**	**$ 694,645**	**$ 7,167,415**	**$ -**	**$ 8,812,060**

Fiscal Year 2011 - 2012 Summary and Highlights

EU12 - Electrical System Relocations – In late FY12, relocation of duct banks and other electrical facilities commenced for the 95th Street widening project. Duct bank and cable relocation work began for the Route 59 widening in late FY12, continuing into FY13. Other various locations throughout the City are included.

EU13 - Underground Conduit (Duct Bank) Additions - In FY12, construction of a major underground electrical duct bank project was completed along 75th Street from Meadows Substation to Ranchview Drive to improve service reliability in the University Heights area. Smaller duct bank projects completed include the next phase of Knoch Knolls Road, and Chicago Avenue. These duct banks were required to replace aging feeders.

EU14 - Underground Cable (Feeder) Additions - In FY12, another section of feeder was installed along Knoch Knolls Road, representing a significant upgrade to the aging feeder it replaced. The feeder along Chicago Avenue from Charles to Olesen was also upgraded, greatly improving system reliability in this area.

EU22 – Substation Emergency Repair/Replacement Items – This year, the substation DC battery banks which provide emergency power were replaced at Edward, Tollway and Indian Hill Substations as routine inspections have found these to be at the end of their useful life. Additionally, Substation Automation System work stations which have failed due to age were replaced with a hardened platform.

EU44 - Fiber Optic Cable for 138kV Relay – Substation Fiber Optic Multiplexer Enhancements, Substation Fiber Optic Digital Media Upgrades - These projects continued to establish a communication infrastructure for all utility communication needs such as Supervisory Control and Data Acquisition, protective relay operation, Distribution Automation, Substation Automation, Substation Security, and Automated Meter Infrastructure. SONET Multiplexer enhancements included the installation of 34.5kV relay communications equipment for 17 existing and future lines. Upgrades also included the installation of equipment for the Cyber Security Ethernet upgrade for the Substation Automation System. Design work continued with the engineering and construction of the second half of the Meadows to Royce fiber route. This will allow diverse paths for relay and SCADA communications from Modaff to Meadows Substations and Royce to Meadows Substations.

EU47 – 138kV Relay Improvements – Projects with design work completed and construction scheduled for this fiscal year include the 34kV Pilot Protection Scheme which enables communication assisted relay tripping in the event of a fault and Line 1400 Relay Upgrade which replaces electromechanical relays with solid state devices capable of detailed fault recording.

EU49 - Distribution Automation/Automatic Sectionalizing – Distribution Automation - 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.

Distribution Automation radio projects were completed at Springbrook Substation, Meadows Substation, Jefferson Substation, Chicago Substation, and Meadows Substation allowing the Electric Service Center to communicate directly with additional Distribution Automation Teams.

EU50 – Advanced Metering Infrastructure (AMI) Pilot – This project has been completed. The results have been tabulated and documented, and have been incorporated into EU77.

EU52 - Residential Cable Replacement Program – This work combines cable injection along with standard replacement of primary and secondary in subdivisions in order to improve reliability. Work continued in the Willoway and Brush Hill subdivisions. Cable injection was also completed in Brook Crossing Subdivision.

EU66 - Fiber Optic Cable for Metropolitan Area Network (MAN) - This project, in conjunction with WU33, included the design and installation of fiber optic cable and communications equipment for an additional 5 DPU-W locations. The 1 Gbps system currently provides SCADA communication to each location; future expansion will add VoIP and security communications from these locations to the Springbrook Water Reclamation Center. Additional projects were undertaken to integrate DPU-E and City of Naperville IT communication networks in support of Department of Energy Cyber Security plan submitted as part of the Smart Grid Initiative. A project to relocate the fiber optic cable for Naper Settlement and the Municipal Center was completed.

EU76 – Route 59 138kV Transmission Line Relocation- Several transmission poles were relocated due to the widening of Route 59. Construction began in late FY12.

EU77 – Naperville Smart Grid Initiative (NSGI) – Naperville Smart Grid Initiative (EU77) – Telecommunication design and installations took place at 15 Electric Substations, the Electric Service Center, 5 Fire Stations, and 8 Water Department locations. These designs created the backbone for the advanced metering infrastructure. Communication design and installations were completed for a redundant SCADA system at the Municipal Center. Strategic wireless locations were determined throughout the city, with work continuing to provide power to more than 10 locations.

Work progressed on the Phase-2 and Phase-3 2011 portions of the project. The majority of the hardware required for the system infrastructure has been purchased and installed. Testing was completed for Pilot 1 of the meter and network deployment, with successful results. Pilot 2 commenced, with testing completed by the end of (Calendar Year) 2011. System integration testing was performed in parallel to the Pilot 2 testing. The comprehensive positive results allowed for the progression into the mass meter deployment, which began around the end of CY 2011. Mass meter deployment will progress until around the end of CY 2012. The NSGI Security Audit RFP was initiated and published around the beginning of CY2012. The major procurement of tangible capital assets under this program occurred in FY11.

CE110 - Implementation of Fiber Manager GIS Software –This project implemented a robust fiber optic cable management solution which is fully integrated with the City's Geographic Information System. Through the use of this system Automation Technicians are able to use system models to identify splice locations. Reliability of the DPU-E fiber optic cable system will greatly benefit from this software package as locators have more accurate representation of what underground facilities exist.

Fiscal Year 2013 - 2017 Summary

EU05 - Overhead Transmission & Distribution Replacements - Selected areas of the overhead distribution system will continue to be replaced or upgraded to maintain or improve reliability and to increase load capacity to accommodate teardowns/rebuilds. $300,000 is requested for this project in FY13.

EU06 - Underground Transmission and Distribution Additions-Off Site - Infrastructure additions to underground transmission and distribution systems continue to facilitate new commercial and residential development in various locations around the city**.** $300,000 is requested for this project in FY13.

EU07 - Underground Transmission and Distribution Replacements - Selected areas of the underground distribution system will continue to be replaced or upgraded to maintain or improve reliability. $1,180,000 is requested for this project in FY13.

EU12 - Electrical System Relocations – In the next five years, the following TED street widening projects will require relocation of electrical facilities: 95th Street Bridge, Route 59, North Aurora Road, Book Road and 95th Street Intersection, and Aurora Avenue and West Street Intersection. Other various locations throughout the city are included. $1,586,000 is requested for this project in FY13.

EU13 - Underground Conduit (Duct Bank) Additions – These projects include the Meadows Substation to Ranchview, Washington Street from 87th Street to Ring Road, North Aurora Road, Knoch Knolls Road, Ogden Avenue to River Road, Spring Avenue, Main Street (Van Buren to Benton), and Naperville-Wheaton Road duct banks. These duct banks are planned in order to replace aging feeders. No money is requested for FY13.

EU14 - Underground Cable (Feeder) Additions – Feeders for the above duct banks are in addition to High Grove Lane/Fort Hill Drive, Diehl Road, Webster Street/Mill Street/5th Avenue, Benton Avenue, Naper-Wheaton Road/Plank Road, Iroquois Avenue/Lincoln Road/Ogden Avenue, Plank Road/Columbia Street/Huffman Street, Pebblewood Substation to Westside Substation, Naperville Boulevard to Royce Road, Bailey Road. These additional feeders are needed in anticipation of load growth and improved distribution of existing load. $580,000 is budgeted in FY13.

EU22 – Substation Emergency Repair/Replacement Items – This project will continue to repair and replace items in DPU-E Substations that are found to be at the end of their useful life during routine inspections. Currently $125,000 is being requested for FY13 to cover emergency replacement of equipment.

EU29 - Underground Cable Additions/Upgrades – Work is planned to bring new 34.5kV transmission lines into the new Jefferson Avenue Substation to provide more reliable operation of the transmission system. Lines will be installed to the new substation from Westside, Pebblewood, and Ogden substations This new 34.5kV power hub will be utilized to meet capacity requirements on the 34.5kV system, and to allow power to be transferred from one line

to another while performing emergency and maintenance work. The new lines will enhance reliability of the transmission system during outage situations. Overhead 34kV lines will also be reinforced to handle anticipated load. $200,000 is requested for this project in FY13.

EU44 - Fiber Optic Cable for 138kV Relay - These projects will continue to establish and enhance communication infrastructure for all utility communication needs such as Supervisory Control and Data Acquisition, protective relay operation, Distribution Automation, Substation Automation, and Automated Meter Infrastructure. Additional digital media upgrades will include Internet Protocol telephony, Metropolitan Area Network access, and substation security communications. $430,000 is requested for this project in FY13.

EU47 – 138kV Relay Improvements – In order to ensure reliable service to customers, the protection on the 138kV lines is of the utmost importance. To install high speed protection systems, older electro mechanical relays must be replaced with microprocessor relays. Currently $150,000 is being requested for FY13 to cover design and installation of Solid State Relays for 138kV Line 1500.

EU49 - Distribution Automation/Automatic Sectionalizing - EU49 will be incorporated into EU77 as part of the SmartGrid Project for FY13. Distribution automation equipment will continue to be deployed on all major feeders. Automatic reconfiguration reduces outage time and minimizes the number of affected customers during a power failure. Current work includes ensuring that 12.5 kV distribution feeders from Jefferson, Springbrook, Westside, Royce, Meadows, and Fort Hill substations are automated. The goal for the next 5 years is to have 100% of major 12.5 kV feeders automated.

EU52 - Residential Cable Replacement - Subdivisions with aging cable will continue to be selected for cable replacement and/or cable rejuvenation via injection to restore and maintain reliability. $500,000 is being requested for FY 13.

EU57 – Substation Automation System (SAS) – To continue realizing benefits associated with the installation of the SAS system and to ensure manufacturer support of installed equipment, initial SAS installations will be upgraded. $0 is requested for this project in FY13, but $309,000 is requested for this project in FY14.

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 DPU-W (WU33), libraries, 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. Major long-term benefits of the Citywide Metropolitan Area Network include:

- Cost sharing and reduction in Internet cost charges.
- Connectivity between DPU-W locations and Springbrook Water Reclamation Center for Supervisory Control and Data Acquisition
- Connectivity between Naperville elementary and high schools.
- Connectivity between neighboring universities and research institutions.
- Connectivity to other communities for sharing of resources.
- Connectivity to other communities for emergency management.

· Connectivity to other communities for economic development.

$50,000 is being requested for FY 13.

EU72 – Naperville Asset Management Systems – An asset management system will allow utility personnel to track field equipment installations and attributes, and plan accordingly to maintain/replace those which do not meet operational and/or safety guidelines. This is in line with the City's Strategic Technology Plan to provide better customer service.

The Citywide electric asset management system project was moved into the RFP phase for the analysis of the process and technology gaps of assets that exist within the City departments. Woolpert Consulting was awarded this RFP, and have since completed their scope of work and provided staff with a recommendation. The results of this gap analysis will be used in the proper deployment of technology and process modifications. Funding has been placed in the FY 16 and FY 17 capital budgets in order to accommodate this project.

EU77 – Naperville Smart Grid Initiative (NSGI) – Work will continue with the federal reporting, and the hardware, software, and systems will be tested, integrated, and deployed. Customers will have the opportunity to voluntarily participate in utility programs, and both the electric utility and its customers will begin to obtain the benefits of the program. $1,389,290 is being requested for FY13 and 50% of that ($694,645) will be reimbursed by the federal government.

EU78 – SCADA Projects – 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, and the Remote Terminal Units 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. $515,000 is requested for this project in FY13.

EU79 – Utility Hardware Infrastructure Upgrades – This project will replace old power transformers that are 40 to 50 years old and approaching their end of useful life. Since these power transformers allow the distribution of power to customers, it is absolutely essential that they are replaced before failure occurs. Funding in the amount of $787,856 is being requested for FY17.

EQ039 - Security Cameras - Electric Utility - This project will enhance security at various Electric sites with the addition of new security cameras to be installed at key locations. $56,770 is requested for this project in FY13.

FY 2013-2017 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.
- AMI
- GIS
- Support of citywide technology projects.

Category 6: Legally Required Projects

Unfunded

There are no proposed unfunded projects for FY 12-13.

DPU-Water

Department of Public Utilities - Water and Wastewater
FY13 Proposed CIP

Projects by Functional Area:

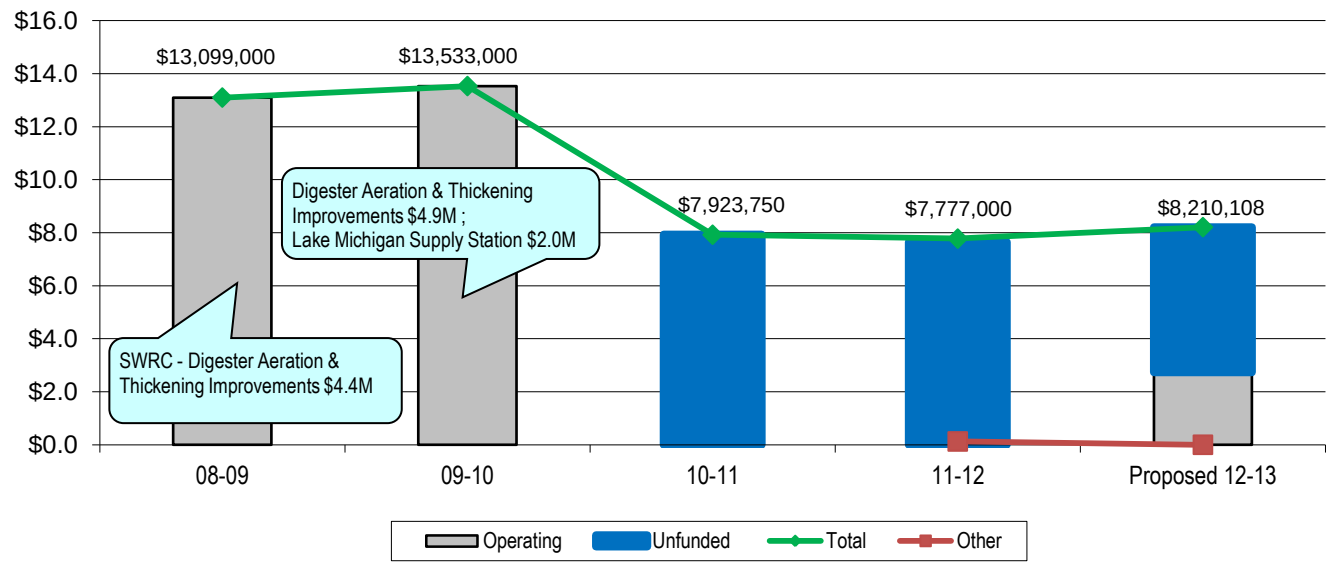
Sanitary Sewer	$	3,375,000
Wastewater Treatment		2,036,000
Water Distribution		1,695,000
Water Metering		525,000
Water Supply		579,108
	$	**8,210,108**

Revenue Sources:

Water Utility	$	2,733,946
	$	**2,733,946**

Current Unfunded	**$**	**5,476,162**

Five Year Historical Budget and Source of Funds of Water/Wastewater CIP Projects



Department of Public Utilities - Water and Wastewater
Projects by Function for FY12-13

Funding Sources:

Project #	Description of Project	Water Utility	Unfunded Water	Grand Total
Sanitary Sewer				
WWU06	Sanitary Sewer Rehabilitation/Replacements -Interceptors/Trunk Sewers Sewers	734,000	1,468,000	**2,202,000**
WWU09	Sanitary Sewer Oversizing Payments-New Developments	8,250	16,750	**25,000**
WWU05	Wastewater Utility Infrastructure Relocation-Misc Locations	38,333	76,667	**115,000**
WWU10	Sanitary Sewer Capacity Improvements	177,666	355,334	**533,000**
WWU34	Sanitary Sewer Lift Station Rehabilitation Program	165,000	335,000	**500,000**
Total		**1,123,249**	**2,251,751**	**3,375,000**
Wastewater Treatment				
WWU28	SWRC -Tertiary Treatment(sand Filters) Replacement	391,334	782,666	**1,174,000**
WWU36	Treatment Plant - Upgrades & Improvements	95,000	190,000	**285,000**
WWU38	Springbrook Water Reclamation Center - Roadway Improvements	68,000	136,000	**204,000**
WWU39	SWRC -Influent Headworks Upgrades & Improvements	124,334	248,666	**373,000**
Total		**678,668**	**1,357,332**	**2,036,000**
Water Distribution				
WU04A	Water Distrib. System- Rehabilitation/Replacement-Service Lines	8,250	16,750	**25,000**
WU04B	Water Distrib. System- Rehabilitation/Replacement-Mains	395,666	791,334	**1,187,000**
WU05	Water Utility Infrastructure Relocation-Misc. Locations	74,000	148,000	**222,000**
WU08	Water Main Oversizing Payments - New Developments	8,333	16,667	**25,000**
WU10	Water Distribution System- Additions/Extensions	78,667	157,333	**236,000**
Total		**564,916**	**1,130,084**	**1,695,000**
Water Metering				
WU20	Water Metering Replacement	146,667	293,333	**440,000**
WU19	Water Metering Additions-New	25,000	50,000	**75,000**
WU22	Automatic Meter Reading Project-Phase II	3,333	6,667	**10,000**
Total		**175,000**	**350,000**	**525,000**

Department of Public Utilities - Water and Wastewater
Projects by Function for FY12-13

Funding Sources:

Project #	Description of Project	Water Utility	Unfunded Water	Grand Total
Water Supply				
WU33	SCADA Improvements & Upgrades	124,446	252,662	**377,108**
WU29	Emergency Standyby Wells - Seals & Inactivate	67,000	133,000	**200,000**
WU32	Southeast Waterworks Pumps & Control Replacements	667	1,333	**2,000**
Total		**192,113**	**386,995**	**579,108**
Grand Total		**$ 2,733,946**	**$ 5,476,162**	**$ 8,210,108**

FY 2013-2017 CIP
Department of Public Utilities - Water and Wastewater
Executive Summary

Fiscal Year 2011 - 2012 Summary and Highlights

WU04B – Water Main Rehabilitation Program –
Water Main Rehabilitation -
During FY11-12 DPU-Water awarded a contract for Cured-in Place Pipe (CIPP) rehabilitation of 1,440 lineal feet of 8-inch water main on Chicago Avenue from Charles Avenue to the Country Club entrance driveway. This is the third watermain lining project in Naperville. As this is a new technology, staff continues to use considerable discretion using this trenchless method to rehabilitate existing watermain.

WU10 Watermain Additions –
Water Main Extensions -
In FY11-12 this project extended 2,800 lineal feet of 12-inch water main on Aero Drive from 79th Street to 83rd Street. This new water main completes the last major water main capacity improvement segment as identified by the hydraulic network analysis model. Completion of this project facilitates the transmission of water to the southwest growth area of the City.

WU20 - Water Meter Replacement Program –
Water Metering Improvements -
Beginning in FY08-09 and extending through FY16-17 (and beyond), an accelerated water meter replacement program was initiated for the planned replacement of approximately 20,000 older water meters. Analysis has shown that approximately 50 percent of the existing water meters in Naperville fail to meet AWWA accuracy standards. Planned replacement of water meters is necessary to ensure accurate revenues, reduce unmetered water loss, and comply with water accountability standards as dictated by the Illinois Department of Natural Resources. Using both contract labor and in-house labor, DPU-W replaced approximately 3,250 meters in FY11-12.

WU33 - SCADA Improvements & Enhancements –
Water Supply System Improvements -
In FY11-12 DPU-Water continued the extension of the City's fiber communication network to additional remote Water Supply sites. This has allowed the transition of Water Supply SCADA data transmission from the current outside provider's phone line communications system to the City-owned fiber network, greatly expanding the SCADA system's capacity and capabilities. Faster, more reliable transmission of greater amounts of critical real-time information as well as future security upgrades at a lower cost are some of the resulting attributes to this important project.

WWU06 – Sanitary Sewer System Rehabilitation –
Mainlines & Service Lines –
In FY11-12 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 and approximately 10,200 lineal feet of sanitary sewer mains in Maplebrook II, and other older subdivisions. Approximately 1,985 lineal feet of the Raymond Drive Interceptor Sewer (36" diameter) was rehabilitated. This important system renewal work

continues to be part of our utility's overall plan to significantly reduce sanitary sewer overflows throughout the City.

WWU28 – Tertiary Sand Filter Repair and Rehabilitation –
Springbrook Water Reclamation Center –
Starting in FY11-12 and continuing through the current 5-year CIP into FY16-17, this project will rehabilitate the 8 original tertiary sand filters at the Springbrook Water Reclamation Center. These filters are 30+ years old and are near the end of their service life. Significant metal fatigue and corrosion exists throughout the interior deck structures. The rehabilitation of the tertiary filtration system has been researched and evaluated with the assistance of outside engineering. Design engineering for filter units 5 and 6 is currently in progress and construction will follow. The remaining 6 filter units will be rehabilitated over the next 6 years. Tertiary sand filters are required to meet regulatory effluent discharge requirements per the plants National Pollution Discharge Elimination System Permit issued by the IEPA.

WWU37 – Disinfection System Upgrades –
Springbrook Water Reclamation Center –
In FY11-12 this project replaced the Sodium Hypochlorite and Sodium Bisulfite chemical storage tanks at the Springbrook Water Reclamation Center, as well as the associated chemical feed pumps and pump controls. The existing storage tanks were at the end of their useful life and the chemical feed pumps and controls were obsolete. Consequently, spare parts and equipment was difficult to obtain to maintain the system.

FY2013-2017 CIP
Department of Public Utilities - Water and Wastewater
Executive Summary

Fiscal Year 2013 - 2017 Summary

WWU36 – North Plant Grit Removal and RAS Upgrades and Improvements –
Springbrook Water Reclamation Center –
Beginning in FY11-12 and extending through FY14-15, this project proposes to upgrade the Springbrook Water Reclamation Center (SWRC) grit removal and return activated sludge (RAS) systems which are undersized to meet the average daily flow of 26.25 million gallons per day (MGD), wet weather and process flow requirements of experienced by the SWRC. These improvements will upgrade and/or replace the existing systems sized for the plant's original capacity of 10 MGD and been in operation, 35+ years, since the plant's original construction. The project proposes to upgrade and replace the existing grit removal system that will include grit washing and odorless deposition of inorganic materials. In addition to the grit removal system, the project includes, capacity upgrades of the RAS or as determined by preliminary engineering study/design. These improvements will be sized for the ultimate build-out population of the City and wastewater service area.

WWU06 – Sanitary Sewer System Rehabilitation –
Interceptors/Trunk Sewers/Mainlines & Service Lines –
In FY12-13 DPU-Water will continue to rehabilitate and replace the older portions of the sanitary sewer system. Several projects, as indicated in a number of CIP budget line items, focus on various site-specific wastewater infrastructure renewal projects scheduled for FY12-13 and beyond. Included in this effort will be the continuance of Cured-in-Place-Pipe (CIPP) rehabilitation of approximately 750 sanitary sewer service laterals and approximately 65,000 lineal feet of sanitary sewer mains in the next five years. Rehabilitation work will be concentrated in older areas that flow into the Central-South Interceptor Sewer. Rehabilitation of the T-04 Ferry/Raymond Trunk Sewer began in FY 2010-11. This pipeline, built in 1975, extends more than 12,000 linear feet from the Warrenville city limit to the North Pump Station at 1200 W.
Ogden Avenue, and will take approximately five years to complete. This important system renewal work continues to be part of our utility's overall plan to significantly reduce sanitary sewer overflows throughout the City.

WU10 Watermain Additions –
Downtown Area and College District -
In FY12-13 DPU – Water will continue to construct new large diameter water mains to improve the water distribution systems ability to move water from the northern areas of the City to the growth areas in the southwest as noted in the Water Distribution Network Hydraulic Analysis. Adequate transmission capacity is needed to ensure adequate water volume and pressures to meet fire suppression requirements and customer demands. In addition, a few small-diameter water mains will be constructed in the downtown area and the college district to improve the hydraulics of the water distribution in these important areas.

FY2013-2017 CIP
Department of Public Utilities - Water and Wastewater
Executive Summary

Fiscal Year 2013 - 2017 Summary

WU29 – Emergency Standby Well Rehabilitation –
Emergency Standby Water Supply - Beginning in FY12-13 and continuing through FY16-17 (and beyond), this project proposes to replace and/or rehabilitate the existing well equipment of the 8 remaining groundwater wells, the City's emergency standby water supply. Included will be the replacement of old pumps, motors and electrical gear, in addition to the rehabilitation of the well downhole which includes the removal of accumulated sand. Replacement of the old equipment and rehabilitation of the downhole is estimated at $200,000 per year for 8 years. Annual O&M costs to operate and test the wells is approximately $125,000 per year.

WU33 - SCADA Improvements & Enhancements –
Water Supply System Improvements - Continuing in FY12-13, DPU-Water plans to complete to extension of the City's fiber communication network to additional remote Water Supply sites. This will allow the transition of Water Supply SCADA data transmission from the current outside provider's phone line communications system to the City-owned fiber network, greatly expanding the capacity and capabilities of the system. Faster, more reliable transmission of greater amounts of critical real-time information as well as future security upgrades at a lower cost will be some of the resulting attributes to this important project. In addition to completing the extension of fiber communication network, this project proposes to install security cameras at all remote water facilities and link to the Utility's SCADA system to enhance security.

Departmental Criteria

Evaluation Criteria Selection:

1 New or Substantially Expanded Facility
2 Deteriorated Facility
3 Systematic Replacement
4 Protection and Conservation of Resources
5 Coordination
6 Risk to Public Safety or Health
7 Improvement or Operating Efficiency
8 Equitable Provisions of Services, Facilities
9 Maintenance or Increase of Property Values
10 Previous Direction by Council
11 Broad Citizen Support

Project Criteria Selection:

Category 1 - Projects that pay for themselves
Category 2 - Projects needed to ensure public safety
Category 3 - Projects needed to enhance customer satisfaction
Category 4 - Projects related to growth that are not related to a revenue source

Riverwalk

Riverwalk Commission
FY13 Proposed CIP

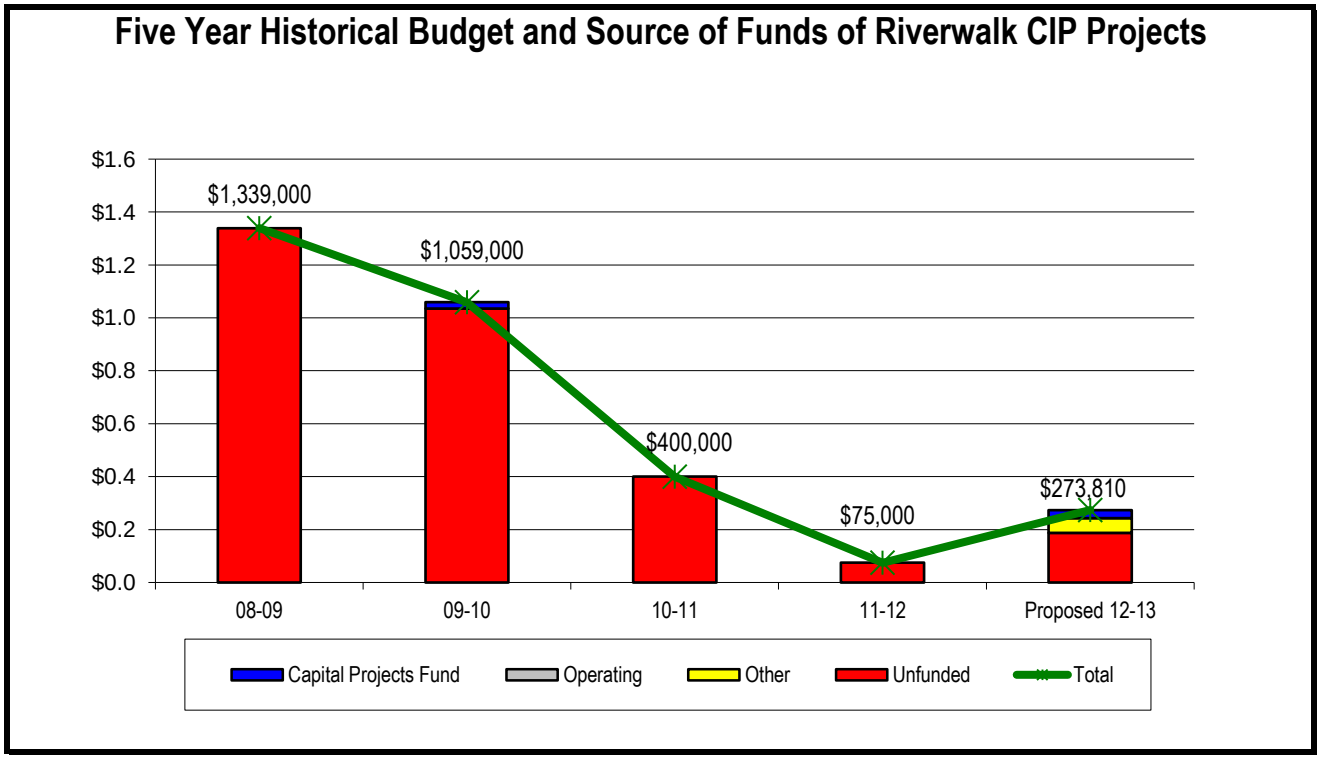
Projects by Functional Area:

Better Access	$	86,000
Preservation		$187,810
		273,810

Revenue Sources:

Developer Contribution	$	50,000
Capital Projects Fund		31,000
Other Government Contributions		5,000
	$	**86,000**

Current Unfunded	**$**	**187,810**



Riverwalk Commission
Projects by Function for FY12-13

Funding Sources:

Project #	Description of Project	Cable TV Escrow Account	Capital Projects Fund	Developer Contribution	Other Government Contributions	Unfunded	Grand Total
Better Access							
PA027	North Central College Stairway and Access Im		31,000	50,000	5,000	-	**86,000**
Total		**-**	**31,000**	**50,000**	**5,000**	**-**	**86,000**
Preservation							
PA022	Annual Riverwalk Rehabilitation Program		-	-		70,000	**70,000**
PA028	Moser Bridge Shoreline Stabilization		-	-		27,810	**27,810**
PA042	Riverbank Retaining Wall Assessment West E		-	-		90,000	**90,000**
Total		**-**	**-**	**-**	**-**	**187,810**	**187,810**
Grand Total		**$ -**	**$ 31,000**	**$ 50,000**	**$ 5,000**	**$ 187,810**	**$ 273,810**

FY 2013-2017 CIP
Riverwalk Commission
Executive Summary

In the FY13-17 Capital Improvement Plan, the Riverwalk Commission is continuing to follow the direction of the Development Guidelines and new Asset Management Plan while being responsive to the ongoing needs of the Riverwalk. The new Asset Management Plan is an important guide to the Riverwalk Commission in making judgments about the ongoing care and upkeep of the Riverwalk. 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 2011-2012 Summary and Highlights

PA019 – Rehabilitation of Phase I of the Riverwalk
The construction for Segment 2 was completed in the fall of 2010. Segment 3 of the project will occur beyond the FY 2013-2017 CIP budget years.

PA022 – Annual Riverwalk Rehabilitation Program
This project includes 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 new Asset Management Plan.

PA026 – Jefferson Avenue Gateway
Construction of the Jefferson Avenue Gateway was completed in September of 2010. This project was closed out in FY 11-12.

PA027 – North Central College Gateway
This was a piggy-back project in conjunction with North Central College's sesquicentennial year. The design focused on improving the pedestrian pathway between the southwest corner of the college near the football stadium and Fredenhagen Park. Engineering and design were completed in FY 12.

Fiscal Year 2013 - 2017 Summary

PA022 – Annual Riverwalk Rehabilitation Program
This program will continue to identify projects in accordance with the new Asset Management Plan. $70,000 has been budgeted in FY 13 in anticipation of the repairs and roofing of the Visitor Center.

PA027 – North Central College Gateway
Construction for this project, done in partnership with North Central College, began in the spring of FY 12. The Riverwalk portion of the project provides for better access to the east-west pedestrian corridor between the downtown and south college campus. It also provides better pedestrian access for the many sporting events held at the Benedetti-Wehrli Stadium. Funding for this project is being divided between the City, North Central College, the Riverwalk Foundation and the Naperville Park District. The City's portion will come from the Creamery fund which is in the Capital Projects Fund account.

PA028 – Moser Bridge Shoreline Stabilization
The area was designed using a more natural approach including native plant materials and boulders eliminating the ledgerock wall that was in the original plan. DuPage County has issued all necessary permitting for the project which expires on December 31, 2013. The construction is scheduled for FY 2013 in conjunction with the construction of the North Central College Gateway improvements.

PA037 – Riverwalk Rehabilitation between Eagle Street and Smykal Pavilion
This project will be divided into three separate parts. FY 2014 will focus on the preliminary work and scope of the project. The design, engineering and permitting will be done in FY 2017 with the actual construction scheduled for beyond the FY 2013-2017 CIP budget years.

PA042 – Riverbank Retaining Wall Assessment
The West Bulkhead Assessment (PA036) was combined with this project as both projects consist of similar work. This project includes core samples and their evaluation for the bulkhead wall and lower walkways on the north and south sides of the DuPage River from the Eagle Street Bridge to the staircase west of the covered pedestrian bridge. The project also includes a core study of the existing retaining walls along the north shoreline of the DuPage River from the covered bridge near the Riverwalk Eatery west to the metal bridge near the Carillon Visitor Center. This assessment is scheduled for FY 13.

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 safety issues. The elevator will be beyond repair in the near future. Funds for the replacement of the elevator are scheduled in FY 16.

PA044 – Construct/Replace Retaining Walls on the West Extension
There are several retaining walls west of Eagle Street that are constructed with a variety of materials. Many of them appear to be failing. This project addresses the repair and/or reconstruction of the walls. It is dependent on the results of PA042 which focuses on a core study of this area. The project is scheduled for FY 15.

Fiscal Year 2013 - 2017 Major Project Forecast

PA024 – South Side of River East of Washington Street – Riverfront Plaza
The engineering/design for this project will be permitted in FY 13 with the construction scheduled beyond the FY 2013-2017 CIP budget years.

FY2013-2017 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

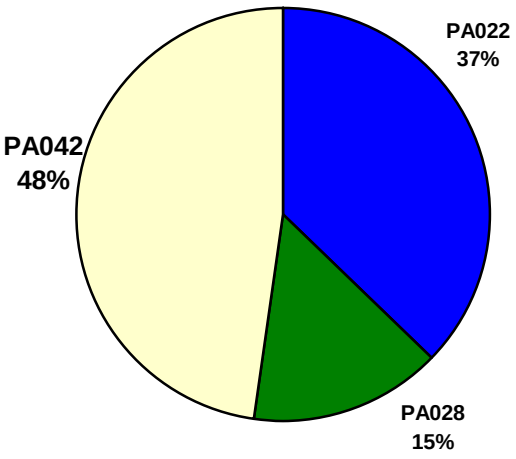
Criteria:

- 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

Unfunded

The current proposed three unfunded projects for FY12-13 consist of the following:

- PA022:
  Annual Riverwalk Rehabilitation Program - $70,000
- PA028:
  Moser Bridge Shoreline Stabilization - $28,000
- PA042:
  Riverbank Retaining Wall Assessment $90,000



TED

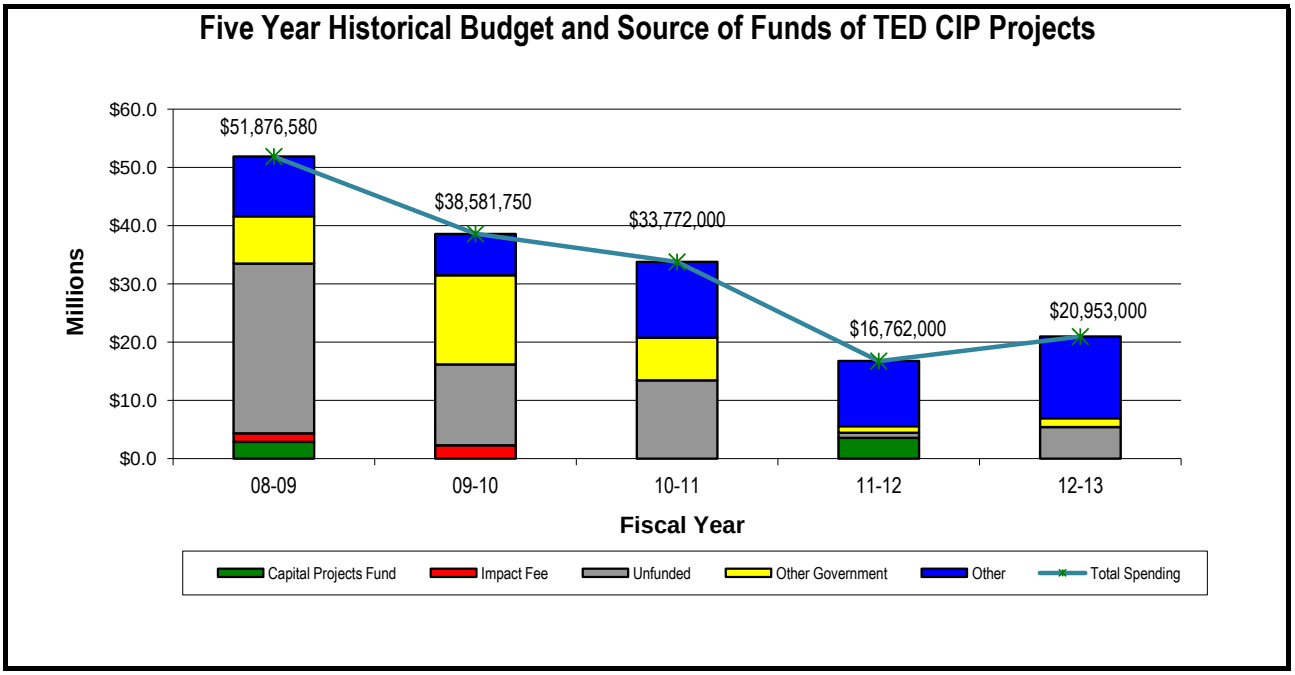
Transportation, Engineering, and Development Business Group
FY13 Proposed CIP

Projects by Functional Area:

Bicycle & Pedestrian Opportunities	$	445,000
Preservation		13,548,000
Reduce Congestion		3,950,000
Safety		3,010,000
	$	**20,953,000**

Revenue Sources:

Special Assessment (SSA)	$	167,500
Private Contribution		85,000
Developer Contribution		250,000
Other Government		1,516,000
Local/State Motor Fuel Tax and Road/Bridge Funds		6,734,000
Other Road Fund		6,000,000
Commuter Parking Fund		755,000
	$	**15,507,500**
Current Unfunded	**$**	**5,445,500**



Transportation, Engineering, and Development Business Group
Projects by Function for FY12-13

Funding Sources:

Project #	Description of Project	Developer Contribution	Private Contribution	Special Assessment (SSA)	Other Government	Commuter Parking Fund	Local/State Motor Fuel Tax and Road/Bridge Funds	Other Road Fund	Unfunded	Grand Total
Bicycle & Pedestrian Opportunities										
CS006	New Sidewalk Improvements	-	-	-	150,000	-	-	-	150,000	**300,000**
CS012	Paw Paw Lot Pedestrian Connection	-	-	65,000	-	-	-	-	-	**65,000**
SL134	5th Avenue Area Pedestrian Lighting	-	-	-	-	25,000	-	-	-	**25,000**
TC212	Downtown Wayfinding	-	-	12,500	-	-	-	-	12,500	**25,000**
TC215	Ogden Avenue and Fort Hill Drive Pedestrian Signal	-	-	-	-	-	-	-	30,000	**30,000**
Total		**-**	**-**	**77,500**	**150,000**	**25,000**	**-**	**-**	**192,500**	**445,000**
Preservation										
BR028	Columbia Street Bridge Rehabilitation	-	-	-	-	-	-	-	200,000	**200,000**
MB035	Municipal Parking Lot Maintenance	-	-	90,000	-	730,000	-	-	325,000	**1,145,000**
MP004	Sidewalk & Curb Replacement Program	-	85,000	-	-	-	-	-	290,000	**375,000**
MP009	Street Maintenance Improvement Program	-			1,266,000		6,734,000	3,800,000	-	**11,800,000**
MP018	ADA Sidewalk Improvements	-	-	-	28,000	-	-	-	-	**28,000**
Total		**-**	**85,000**	**90,000**	**1,294,000**	**730,000**	**6,734,000**	**3,800,000**	**815,000**	**13,548,000**

Transportation, Engineering, and Development Business Group
Projects by Function for FY12-13

Funding Sources:

Project #	Description of Project	Developer Contribution	Private Contribution	Special Assessment (SSA)	Other Government	Commuter Parking Fund	Local/State Motor Fuel Tax and Road/Bridge Funds	Other Road Fund	Unfunded	Grand Total
Reduce Congestion										
BR017	Bridge for Relocated 95th Street Over the DuPage River	-	-	-	-	-	-	-	1,500,000	**1,500,000**
SC220	Route 59 Improvement: Aurora Avenue to Ferry Road	250,000	-	-	-	-	-	2,200,000	-	**2,450,000**
Total		**250,000**	**-**	**-**	**-**	**-**	**-**	**2,200,000**	**1,500,000**	**3,950,000**
Safety										
SC099	Street Safety & Improvement Program	-	-	-	-	-	-	-	75,000	**75,000**
SW011	Huffman Street/Steeple Run Watershed Improvements	-	-	-	-	-	-	-	2,370,000	**2,370,000**
TC184	LED Replacement Program	-	-	-	-	-	-	-	200,000	**200,000**
TC195	Route 59 and Lacrosse	-	-	-	72,000	-	-	-	8,000	**80,000**
TC214	111th St/Hassert Blvd and Chokeberry Drive Traffic Signa	-	-	-	-	-	-	-	250,000	**250,000**
TC218	95th Street and Knoch Knolls Road Traffic Signal	-	-	-	-	-	-	-	35,000	**35,000**
Total		**-**	**-**	**-**	**72,000**	**-**	**-**	**-**	**2,938,000**	**3,010,000**
Grand Total		**$ 250,000**	**$ 85,000**	**$ 167,500**	**$ 1,516,000**	**$ 755,000**	**$ 6,734,000**	**$6,000,000**	**$ 5,445,500**	**$ 20,953,000**

FY2013-2017 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
- Downtown 2030 Plan
- Commuter Parking Assessment
- Strategic Plan Initiatives
- Annexation and Developer Agreements
- Watershed Studies
- Continuous Improvement Model
- Comprehensive Sidewalk Policy
- Bicycle Implementation Plan
- 5th Avenue Study
- Ogden Avenue Corridor Study
- South Downtown Parking Management Study

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 FY2018-2032. Each year, the TED Business Group reconfirms and checks the progression of the implementation plan through a project prioritization process. This is accomplished 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. Projects are then categorized based on their programming implementation frequency - new, non-recurring, and recurring projects.

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.

The evaluation criteria illustrate distinct project opportunities:

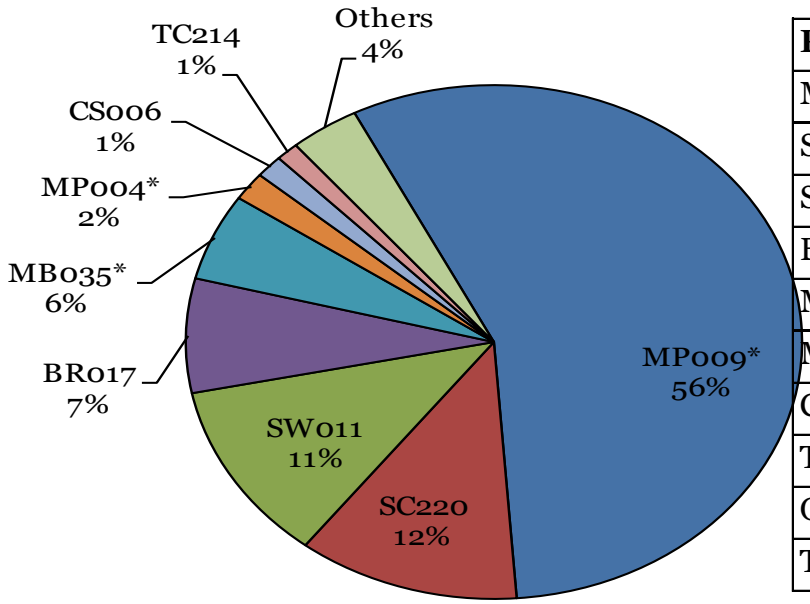
- **Coordination** – Considers coordination for cost savings and public convenience.
- **Funding** – Considers the prospect and value of external funding opportunities.
- **Mandate** – Considers the legislative commitments compelling a project.
- **Investment** - Considers the opportunity value associated 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 FY12-13 CIP Expenditures and Funding

The FY12-13 CIP represents the TED Business Group's near-term plan to implement various stages of progress from engineering through construction for 18 projects, $20.95 million.

The following chart illustrates the distribution of expenditures for FY12-13.



Project #	Cost
MP009*	$11,800,000
SC220	$2,450,000
SW011	$2,370,000
BR017	$1,500,000
MB035*	$1,145,000
MP004*	$375,000
CS006	$300,000
TC214	$250,000
Others	$763,000
Total	**$20,953,000**

*Maintenance Projects account for 65% of FY12-13 Budget [$13.55 million]

New Projects

For FY13-17, the following six (6) new capital improvement projects are proposed:

- CS012 – Paw Paw Lot Pedestrian Connection
  (Construction - $65,000) – FY12-13
- MP018 – ADA Sidewalk Improvements
  (Construction – $28,000) – FY12-13
- TC218 – 95th Street and Knock Knolls Road
  (Design - $35,000) – FY12-13
- CS011 – Van Buren Parking Lot Pedestrian Connection
  (Construction - $61,800) – FY13-14
- MB117 – Central Park Master Plan Improvements
  (Construction - $82,400) – FY13-14
- TC217 – Centralized Traffic Management System
  (Design - $103,000) – FY13-14

FY-2013-2017 CIP
Transportation, Engineering and Development Business Group
Executive Summary

FY 12-13 – Non-Recurring Projects

For FY12-13, eleven (9) non-recurring projects are programmed. These projects include:

- BR017 – 95th Street over the DuPage River (Construction - $1,500,000)
- BR028 – Columbia Street Bridge Rehabilitation (Construction - $200,000)
- SC220 – Route 59 Improvement: Aurora Avenue to Ferry Road (Construction - $2,450,000)
- SL134 – 5th Avenue Area Pedestrian Lighting (Design - $25,000)
- SW011 – Huffman Street/Steeple Run Watershed (Construction - $2,370,000)
- TC195 – Route 59 and Lacrosse (Design - $80,000)
- TC212 – Downtown Wayfinding (Design - $25,000)
- TC214 – 111th St/Hassert Blvd and Chokeberry Drive Traffic Signal (Construction - $250,000)
- TC215 – Ogden Av. and Fort Hill Drive Pedestrian Signal (Construction - $30,000)

FY 12-13 – Recurring/Annual Projects

For FY12-13, seven (7) annual or recurring projects are programmed. Maintenance (*) is the focus of four (4) of these projects.

- CS006 – New Sidewalk Improvements (Construction - $300,000)
- MB035*– Municipal Parking Lot Maintenance (Construction - $1,145,000)
- MP004* – Sidewalk Repair Program (Construction - $375,000)
- MP009* – Pavement Resurfacing Program (Construction - $11,800,000)
- MP018* – ADA Sidewalk Improvements (Construction - $28,000)
- SC099 – Street Safety Improvement Program (Design/Construction - $75,000)
- TC184 – LED Traffic Signal Lamp Replacement (Construction - $200,000)

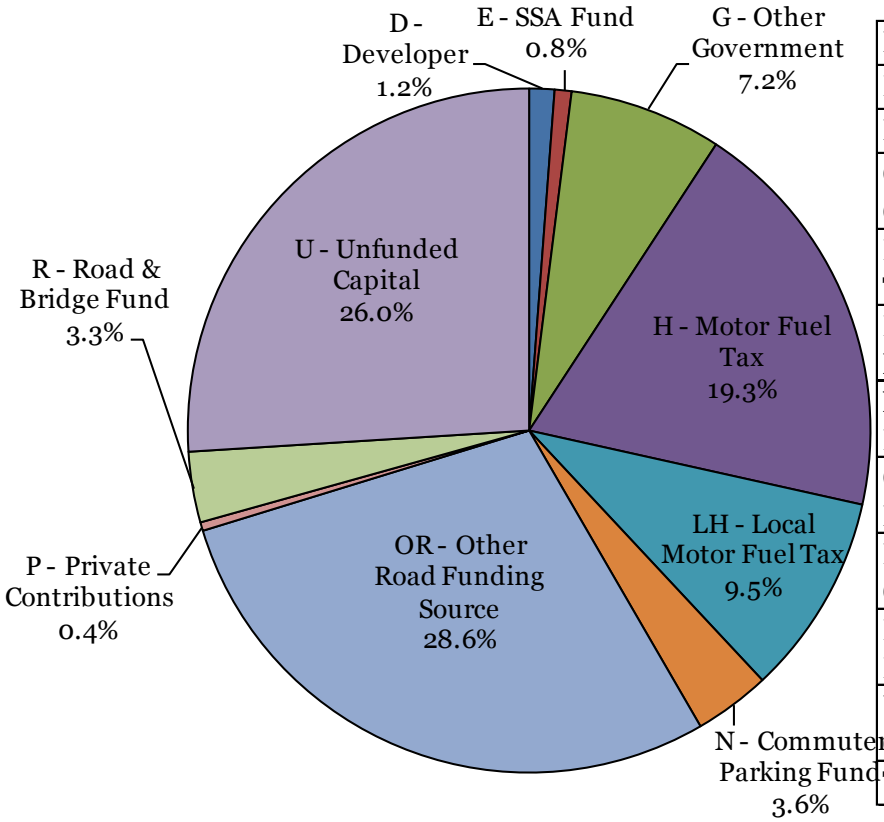
FY 13-17 Major Project Forecast

Beyond FY13, the following twelve (12) major TED projects are included in the CIP. The projects listed involve significant financial investment, resources, and impacts. Phases of eight (8) additional projects of smaller scope are also projected to occur within the five year CIP timeframe (not listed).

- BR005/SC033 – North Aurora Road Underpass at the EJ&E Railroad
- BR007 – Washington St. Pedestrian Bridge over the WB DuPage River
- BW015 – Springbrook Prairie to Virgil Gilman Trail
- MB117 – Central Park Master Plan Improvements
- MB138 – Water Street District Improvements
- MB163 – Downtown Parking Solution
- MB164 – 5th Avenue Area Bus Depot
- MP016 – Bikeway System Maintenance Program
- SC190 – 248th Street: 95th St. to 115th St.
- SC196 – 95th Street and Book Road
- TC217 – Centralized Traffic Management System

FY-2013-2017 CIP
Transportation, Engineering and Development Business Group
Executive Summary

TED projects are funded from various revenue sources. The chart below illustrates the FY12-13 funding distribution:



Fund	Amount
D - Developer	$250,000
E - SSA Fund	$167,500
G - Other Government	$1,516,000
H - Motor Fuel Tax	$4,034,000
LH - Local Motor Fuel Tax	$2,000,000
N - Commuter Parking Fund	$755,000
OR - Other Road Funding Source	$6,000,000
P - Private Contributions	$85,000
R - Road & Bridge Fund	$700,000
U - Unfunded Capital	$5,445,500
Total	$20,953,000

Unfunded Projects

The proposed unfunded projects for FY12-13 total $5.45 million and consist of thirteen (13) projects. Two projects account for the majority of the unfunded amount:

- BR017 – 95th Street over the DuPage River ($1.5 million, 28%)
- SW011 – Huffman Street/Steeple Run Watershed ($2.37 million, 43%) - funding was reprogrammed from a previous fiscal year

Other Government Funding

The proposed other government funded projects for FY12-13 total $1.52 million, consisting of the following four (4) projects:

- CS006 – New Sidewalk Improvements (Construction - $150,000)
- MP009 – Pavement Resurfacing Program (Construction - $1,266,000)
- MP018 – ADA Sidewalk Improvements (Construction - $28,000)
- TC195 – Route 59 and Lacrosse (Construction - $72,000)

The city is receiving funding through the Federal Local Agency Pavement Preservation Program, LAPP (MP009), the Federal Safe Routes to School Program (CS006), the Federal Highway Safety Improvement Program, HSIP (TC195), Wheatland Township (MP009), and from Community Development Block Grant funding (MP018).

FY-2013-2017 CIP
Transportation, Engineering and Development Business Group
Executive Summary

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. For FY12-13, the budget is shown as $11.8 million to account for a $200,000 reimbursement from Wheatland Township. A breakdown of the funding sources for the $11.8 million is as follows:

- Federal Local Agency Pavement Preservation Funds (LAPP), City - $1.07 million
- State Motor Fuel Tax - $4.03 million
- Local Motor Fuel Tax – $2.00 million
- Other Road Funding Source - $3.80 million
- Road and Bridge Fund - $0.7 million

  Subtotal: $11.60 million
- Wheatland Township Reimbursement (Book Road) - $200,000

  TOTAL: $11.80 million

Fiscal Year 2011-2012 Accomplishment Highlights

During FY11-12 the TED Business Group continued to strive towards enhancing the city's distinct character and quality of life by implementing stages of twelve (12) projects. These projects and their functions are highlighted below.

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

- BR028 – Columbia Street Bridge Rehabilitation (Design)
- MB035 – Municipal Parking Lot Maintenance (Construction)
- MP004 – Sidewalk Repair Program (Construction)
- MP009 – Pavement Resurfacing Program (Construction)
- TC184 – LED Traffic Signal Lamp Replacement (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 (Design)
- TC214 – 111th St/Hassert Blvd and Chokeberry Drive Traffic Signal (Design)

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

- SW011 – Huffman Street/Steeple Run Watershed Improvements (Construction)

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

- BR007 – Washington St Pedestrian Bridge over the WB DuPage River (Design)
- CS006 – New Sidewalk Improvements (Construction)
- TC215 – Ogden Av. and Fort Hill Drive Pedestrian Signal (Design)

Financial Summary

Capital Improvements Program
Totals By Department

	FY 12-13	FY 13-14	FY 14-15	FY 15-16	FY 16-17	Estimated Total Cost
Administrative Services - Community Relations	174,382	0	0	0	0	174,382
Riverwalk Commission - Riverwalk	273,810	103,000	297,052	218,545	225,102	1,117,509
Police	345,600	157,796	0	0	0	503,396
Public Utilities - Water/ Wastewater	8,210,108	7,814,095	7,441,153	6,848,120	7,919,081	38,232,557
Public Utilities - Electric	8,812,060	8,558,463	7,320,210	11,827,677	10,208,367	46,726,776
Fire	161,787	0	0	0	0	161,787
Public Works	3,178,500	2,959,473	2,335,306	2,034,794	2,077,690	12,585,763
Transportation, Engineering & Development	20,952,999	25,643,705	29,023,075	21,319,665	70,301,833	167,241,276
MSBG - Information Technology	979,500	852,325	775,518	174,836	0	2,782,179
Naper Settlement	185,000	37,132	154,785	65,290	59,652	501,859
Naperville Public Library	970,000	250,001	250,000	250,000	250,000	1,970,000
	44,243,746	**46,375,988**	**47,597,099**	**42,738,928**	**91,041,724**	**271,997,486**

CAPITAL IMPROVEMENTS PROGRAM
TOTALS BY FUNDING SOURCE

	Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Estimated Total Cost
(A)	General Fund	32,500	0	0	0	0	32,500
(C)	Capital Projects Fund	145,382	0	0	0	0	145,382
(CF)	Special Events and Cultural Amenities Fund	0	82,400	53,045	327,818	540,244	1,003,507
(D)	Developer Contribution	1,250,000	927,000	962,767	1,041,915	956,683	5,138,365
(E)	SSA Fund	210,300	388,207	0	37,153	0	635,660
(F)	Water Utility	2,842,846	5,303,640	7,544,484	6,902,756	7,919,081	30,512,808
(G)	Other Government	1,717,000	2,133,130	3,284,016	1,209,649	14,782,191	23,125,986
(GE)	Other Government - Enterprise	694,645	0	0	0	0	694,645
(H)	Motor Fuel Tax	4,034,000	3,605,000	3,602,342	3,495,030	3,601,629	18,338,001
(J)	Electric Utility	7,559,015	8,008,958	6,830,180	11,308,632	9,251,684	42,958,469
(L)	Library Building Reserves	500,000	250,001	250,000	250,000	250,000	1,500,000
(LH)	Local Motor Fuel Tax	2,000,000	2,060,000	2,121,800	2,185,454	2,251,018	10,618,272
(N)	Commuter Parking Fund	979,500	639,115	95,481	1,322,200	0	3,036,296
(O)	Downtown Parking Solution	0	0	5,631,257	2,869,501	19,891,121	28,391,879
(OR)	Other Road Funding Source	6,000,000	7,436,660	5,974,746	5,220,170	7,315,538	31,947,114
(P)	Private Contributions	335,000	85,000	85,000	85,000	85,000	675,000
(Q)	Replacement Fund	513,000	340,930	106,090	0	0	960,020
(R)	Road & Bridge Fund	800,000	801,340	806,284	808,618	810,366	4,026,608
(TF)	TIF	0	0	0	0	9,004,072	9,004,072
(U)	Unfunded Capital	9,154,396	11,709,909	10,249,606	5,675,032	14,383,097	51,172,040
(W)	Unfunded Water	5,476,162	2,604,700	0	0	0	8,080,862
		44,243,746	**46,375,988**	**47,597,099**	**42,738,928**	**91,041,724**	**271,997,486**

CAPITAL IMPROVEMENTS PROGRAM
TOTALS UNFUNDED BY DEPARTMENT

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Estimated Total Cost
Admin Services - Community Relations	30,000	0	0	0	0	30,000
Fire	161,787	0	0	0	0	161,787
Information Technology	196,500	322,905	393,063	10,927	0	923,396
Naper Settlement	185,000	37,132	154,785	65,290	59,652	501,859
Naperville Public Library	470,000	0	0	0	0	470,000
Police	95,600	157,796	0	0	0	253,396
Public Utilities - Water/ Wastewater	5,476,162	2,604,700	0	0	0	8,080,862
Public Works	2,382,200	2,416,251	1,937,469	1,625,022	1,965,139	10,326,080
Riverwalk	187,810	103,000	297,052	218,545	225,102	1,031,509
Transportation, Engineering & Development	5,445,499	8,672,825	7,467,237	3,755,247	12,133,204	37,474,012
	14,630,558	**14,314,609**	**10,249,606**	**5,675,032**	**14,383,097**	**59,252,902**

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	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: **Admin Services - Community Relations**

Page	WF #	Estimated Total Cost	Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
138	LR077	New		WPFP AM 1610 Radio Station Upgrade				
		15,000	F	15,000	0	0	0	0
		15,000	J	15,000	0	0	0	0
		30,000	U	30,000	0	0	0	0
	Project Total	**60,000**		**60,000**	**0**	**0**	**0**	**0**
	Department Total	**60,000**		**60,000**	**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) 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

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

Department: **Fire**

Page		WF #	Estimated Total Cost	Funding Source		FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
187	MB096	(none)	Previous Year - No Change		Training Facility Refurbishment					
			161,787	U		161,787	0	0	0	0
		Project Total	**161,787**			**161,787**	**0**	**0**	**0**	**0**
		Department Total	**161,787**			**161,787**	**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: **Information Technology**

Page		WF #	Estimated Total Cost	Funding Source		FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
260	CE034	(none)	Recurring		Geographic Information System (GIS) Land Base Additions					
			63,500	F		63,500	0	0	0	0
			63,500	J		63,500	0	0	0	0
			127,000	U		127,000	0	0	0	0
		Project Total	**254,000**			**254,000**	**0**	**0**	**0**	**0**
190	CE112		Changed - Non Recurring		Disaster Recovery Data Center					
			22,703	F		0	0	22,703	0	0
			34,055	J		0	0	34,055	0	0
			56,758	U		0	0	56,758	0	0
		Project Total	**113,516**			**0**	**0**	**113,516**	**0**	**0**
261	CE117		Changed - Recurring		Wide Area Network Equipment Replacement					
			380,000	Q		380,000	0	0	0	0
		Project Total	**380,000**			**380,000**	**0**	**0**	**0**	**0**
262	CE118		Changed - Recurring		Storage Area Network					
			133,900	Q		0	133,900	0	0	0
		Project Total	**133,900**			**0**	**133,900**	**0**	**0**	**0**
142	CE120		New		Downtown Wireless Network Infrastructure Replacement					
			106,090	Q		0	0	106,090	0	0
		Project Total	**106,090**			**0**	**0**	**106,090**	**0**	**0**
143	CE122		New		Electronic Forms Implementation					
			22,279	F		0	0	22,279	0	0
			22,279	J		0	0	22,279	0	0
			55,485	U		0	0	44,558	10,927	0
		Project Total	**100,043**			**0**	**0**	**89,116**	**10,927**	**0**

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

Department: **Information Technology**

Page	WF #	Estimated Total Cost	Funding Source		FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
144	CE123	New		Exchange Upgrade					
		118,450	Q		0	118,450	0	0	0
	Project Total	**118,450**			**0**	**118,450**	**0**	**0**	**0**
145	CE124	New		City Intranet Upgrade					
		88,580	Q		0	88,580	0	0	0
	Project Total	**88,580**			**0**	**88,580**	**0**	**0**	**0**
146	CE125	New		SunGard Enterprise Resource Planning Software Migration					
		138,736	F		0	25,750	58,350	54,636	0
		251,722	J		0	25,750	116,699	109,273	0
		487,448	U		0	195,700	291,748	0	0
	Project Total	**877,905**			**0**	**247,200**	**466,796**	**163,909**	**0**
147	CE126	New		Cityworks Desktop to Server AMS Upgrade					
		51,000	Q		51,000	0	0	0	0
	Project Total	**51,000**			**51,000**	**0**	**0**	**0**	**0**
191	EG004	Changed - Non Recurring		City Website Redesign					
		24,205	F		0	24,205	0	0	0
		24,205	J		0	24,205	0	0	0
		48,410	U		0	48,410	0	0	0
	Project Total	**96,820**			**0**	**96,820**	**0**	**0**	**0**
148	EG005	New		e-Bill Online Utility Bill Payment Migration					
		44,290	F		0	44,290	0	0	0
		44,290	J		0	44,290	0	0	0
		6,180	U		0	6,180	0	0	0
	Project Total	**94,760**			**0**	**94,760**	**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: **Information Technology**

Page	WF #	Estimated Total Cost	Funding Source		FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
149	EG006	New		Emergency Notification System Replacement					
		15,000	F		15,000	0	0	0	0
		15,000	J		15,000	0	0	0	0
		30,000	U		30,000	0	0	0	0
	Project Total	**60,000**			**60,000**	**0**	**0**	**0**	**0**
150	LR076	New		Security Cameras					
		42,000	N		42,000	0	0	0	0
		112,115	U		39,500	72,615	0	0	0
	Project Total	**154,115**			**81,500**	**72,615**	**0**	**0**	**0**
192	MB159	Changed - Non Recurring		Municipal Center Data Center Redesign					
		32,500	A		32,500	0	0	0	0
		15,400	F		15,400	0	0	0	0
		23,100	J		23,100	0	0	0	0
		82,000	Q		82,000	0	0	0	0
	Project Total	**153,000**			**153,000**	**0**	**0**	**0**	**0**
	Department Total	**2,782,179**			**979,500**	**852,325**	**775,518**	**174,836**	**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) 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

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

Department: **Naper Settlement**

Page		WF #	Estimated Total Cost	Funding Source		FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
265	NS027	(none)	Changed - Recurring		Site Development					
			96,805	U		0	0	0	37,153	59,652
		Project Total	**96,805**			**0**	**0**	**0**	**37,153**	**59,652**
195	NS030	(none)	Previous Year - No Change		Landscape Master Restoration Plan					
			65,269	U		0	37,132	0	28,138	0
		Project Total	**65,269**			**0**	**37,132**	**0**	**28,138**	**0**
266	NS040	(none)	Changed - Recurring		Historic Building Expansion					
			122,004	U		0	0	122,004	0	0
		Project Total	**122,004**			**0**	**0**	**122,004**	**0**	**0**
267	NS044	(none)	Changed - Recurring		Life Safety and Security Improvements					
			185,000	U		185,000	0	0	0	0
		Project Total	**185,000**			**185,000**	**0**	**0**	**0**	**0**
196	NS045	(none)	Previous Year - No Change		Sprinkler System Expansion					
			32,782	U		0	0	32,782	0	0
		Project Total	**32,782**			**0**	**0**	**32,782**	**0**	**0**
		Department Total	**501,859**			**185,000**	**37,132**	**154,785**	**65,290**	**59,652**

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) 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

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

Department: **Naperville Public Library**

Page		WF #	Estimated Total Cost	Funding Source		FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
270	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**
153	LB016		New		Nichols Library Roof Replacement					
			250,000	L		250,000	0	0	0	0
			310,000	U		310,000	0	0	0	0
		Project Total	**560,000**			**560,000**	**0**	**0**	**0**	**0**
154	LB017		New		Naper Blvd. Roof Repair					
			160,000	U		160,000	0	0	0	0
		Project Total	**160,000**			**160,000**	**0**	**0**	**0**	**0**
		Department Total	**1,970,000**			**970,000**	**250,000**	**250,000**	**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) 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

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

Department: **Police**

Page	WF #	Estimated Total Cost	Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
157	EQ037	New		In-Car Camera Project				
		250,000	P	250,000	0	0	0	0
	Project Total	**250,000**		**250,000**	**0**	**0**	**0**	**0**
158	MB169	New		Upgrade to Police Firing Range				
		253,396	U	95,600	157,796	0	0	0
	Project Total	**253,396**		**95,600**	**157,796**	**0**	**0**	**0**
	Department Total	**503,396**		**345,600**	**157,796**	**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**

Page		WF #	Estimated Total Cost	Funding Source		FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
161	EQ039		New		Security Cameras - Electric Utility					
			482,353	J		56,770	425,583	0	0	0
		Project Total	**482,353**			**56,770**	**425,583**	**0**	**0**	**0**
275	EU01	Various	Annual		Residential Electric Services - New & Existing					
			1,294,502	D		250,000	257,500	265,225	240,400	281,377
		Project Total	**1,294,502**			**250,000**	**257,500**	**265,225**	**240,400**	**281,377**
276	EU02	Various	Annual		Electric Meter Installations					
			609,059	D		200,000	103,000	106,090	87,418	112,551
		Project Total	**609,059**			**200,000**	**103,000**	**106,090**	**87,418**	**112,551**
277	EU03	Various	Annual		Facilities Installations/New Customers					
			2,813,749	D		500,000	566,500	583,495	601,000	562,755
		Project Total	**2,813,749**			**500,000**	**566,500**	**583,495**	**601,000**	**562,755**
278	EU05	Various	Annual		Overhead Transmission & Distribution Replacements					
			1,492,756	J		300,000	309,000	318,270	284,109	281,377
		Project Total	**1,492,756**			**300,000**	**309,000**	**318,270**	**284,109**	**281,377**
279	EU06	Various	Annual		Underground Transmission & Distribution - Additions					
			2,395,681	J		300,000	654,050	663,063	497,191	281,377
		Project Total	**2,395,681**			**300,000**	**654,050**	**663,063**	**497,191**	**281,377**
280	EU07	Various	Changed - Recurring		Underground Transmission & Distribution - Replacements					
			4,914,497	J		1,180,000	1,180,380	1,188,208	1,365,909	0
		Project Total	**4,914,497**			**1,180,000**	**1,180,380**	**1,188,208**	**1,365,909**	**0**
281	EU12	Various	Annual		Electrical System Relocations					
			5,041,615	J		1,586,000	1,236,000	318,270	775,836	1,125,509

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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**

Page		WF #	Estimated Total Cost	Funding Source		FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
		Project Total	**5,041,615**			**1,586,000**	**1,236,000**	**318,270**	**775,836**	**1,125,509**
282	EU13	Various	Changed - Recurring		Underground Conduit (Duct Banks) Additions					
			2,617,407	J		0	515,000	0	1,202,000	900,407
		Project Total	**2,617,407**			**0**	**515,000**	**0**	**1,202,000**	**900,407**
283	EU14	Various	Annual		Underground Cable (Feeders) & Equipment Additions					
			5,200,149	J		580,000	257,500	1,750,485	1,092,727	1,519,437
		Project Total	**5,200,149**			**580,000**	**257,500**	**1,750,485**	**1,092,727**	**1,519,437**
284	EU22	Various	Annual		Substation Emergency Repair/Replacement Items					
			647,256	J		125,000	128,750	137,917	109,273	146,316
		Project Total	**647,256**			**125,000**	**128,750**	**137,917**	**109,273**	**146,316**
285	EU29	Various	Changed - Recurring		Underground Sub-transmission Circuit Additions & Upgrades					
			2,889,222	J		200,000	206,000	0	1,639,091	844,132
		Project Total	**2,889,222**			**200,000**	**206,000**	**0**	**1,639,091**	**844,132**
286	EU44	Various	Annual		Fiber Optic Cable for 138kV Relay Protection and Communication					
			2,635,869	J		430,000	618,000	212,180	852,327	523,362
		Project Total	**2,635,869**			**430,000**	**618,000**	**212,180**	**852,327**	**523,362**
287	EU47	Various	Annual		138kV Relay Improvements					
			1,063,959	J		150,000	154,500	318,270	300,500	140,689
		Project Total	**1,063,959**			**150,000**	**154,500**	**318,270**	**300,500**	**140,689**
288	EU49	Various	Changed - Recurring		Distribution Automation/Automatic Sectionalizing					
			1,028,111	J		0	257,500	265,225	224,009	281,377
		Project Total	**1,028,111**			**0**	**257,500**	**265,225**	**224,009**	**281,377**

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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**

Page		WF #	Estimated Total Cost	Funding Source		FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
289	EU52	Various	Changed - Recurring		Cable Replacement Program for Underground Residential Development					
			2,718,845	J		500,000	618,000	0	1,038,091	562,755
		Project Total	**2,718,845**			**500,000**	**618,000**	**0**	**1,038,091**	**562,755**
290	EU57	Various	Changed - Recurring		Substation Automation					
			1,238,104	J		0	309,000	318,270	273,182	337,653
		Project Total	**1,238,104**			**0**	**309,000**	**318,270**	**273,182**	**337,653**
291	EU65	Various	Annual		Electric Distribution Transformer Purchases					
			2,496,669	J		500,000	515,000	530,450	388,464	562,755
		Project Total	**2,496,669**			**500,000**	**515,000**	**530,450**	**388,464**	**562,755**
292	EU66	Various	Changed - Recurring		Fiber Optic Cable for Metro Area Network (MAN)					
			466,020	J		50,000	51,500	106,090	145,879	112,551
		Project Total	**466,020**			**50,000**	**51,500**	**106,090**	**145,879**	**112,551**
199	EU69	60373, 60374	Changed - Non Recurring		Bulk Electric Power Supply Metering Installation					
			287,117	J		0	0	63,654	54,636	168,826
		Project Total	**287,117**			**0**	**0**	**63,654**	**54,636**	**168,826**
293	EU72	59245/FERC 89:	Changed - Recurring		Naperville Asset Management System (NAMS)					
			665,471	J		0	0	0	327,818	337,653
		Project Total	**665,471**			**0**	**0**	**0**	**327,818**	**337,653**
200	EU77	Various	Changed - Non Recurring		Smart Grid Initiative Projects					
			694,645	GE		694,645	0	0	0	0
			694,645	J		694,645	0	0	0	0
		Project Total	**1,389,290**			**1,389,290**	**0**	**0**	**0**	**0**
294	EU78		Changed - Recurring		Supervisory Control And Data Acquisition					

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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**

Page	WF #	Estimated Total Cost	Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
		1,551,219	J	515,000	195,700	175,049	327,818	337,653
	Project Total	**1,551,219**		**515,000**	**195,700**	**175,049**	**327,818**	**337,653**
295	EU79	Changed - Recurring		Power Transformer Replacement				
		787,856	J	0	0	0	0	787,856
	Project Total	**787,856**		**0**	**0**	**0**	**0**	**787,856**
	Department Total	**46,726,776**		**8,812,060**	**8,558,463**	**7,320,210**	**11,827,677**	**10,208,367**

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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**

Page		WF #	Estimated Total Cost	Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
300	WU04A	TBD	Annual		Water Distrib. System - Rehabilitation/Replacements - Service Lines				
			107,738	F	8,250	17,510	26,523	27,318	28,138
			24,990	W	16,750	8,240	0	0	0
		Project Total	**132,728**		**25,000**	**25,750**	**26,523**	**27,318**	**28,138**
301	WU04B	Multiple - TBD	Annual		Water Distrib. System - Rehabilitation/Replacements - Mains				
			2,632,371	F	395,666	501,266	610,018	603,185	522,236
			1,041,968	W	791,334	250,634	0	0	0
		Project Total	**3,674,339**		**1,187,000**	**751,900**	**610,018**	**603,185**	**522,236**
302	WU05	Multiple - TBD	Recurring		Water Utility Infrastructure Relocation - Misc. Locations				
			748,917	F	74,000	225,226	183,536	132,220	133,936
			260,614	W	148,000	112,614	0	0	0
		Project Total	**1,009,531**		**222,000**	**337,840**	**183,536**	**132,220**	**133,936**
203	WU07	TBD	Changed - Non Recurring		Mill Street PAS 15E - Booster Station Addition				
			1,073,539	F	0	0	0	119,107	954,432
		Project Total	**1,073,539**		**0**	**0**	**0**	**119,107**	**954,432**
303	WU08	TBD	Annual		Water Main Oversizing Payments - New Developments				
			107,993	F	8,333	17,682	26,523	27,318	28,138
			25,507	W	16,667	8,840	0	0	0
		Project Total	**133,501**		**25,000**	**26,523**	**26,523**	**27,318**	**28,138**
304	WU10	Various - TBD	Annual		Water Distribution System - Additions/Extensions				
			2,498,520	F	78,667	87,206	148,526	1,029,349	1,154,772
			200,937	W	157,333	43,604	0	0	0
		Project Total	**2,699,457**		**236,000**	**130,810**	**148,526**	**1,029,349**	**1,154,772**

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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**

Page		WF #	Estimated Total Cost	Funding Source		FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
305	WU19	TBD	Annual		Water Metering Additions - New					
			322,435	F		25,000	51,500	79,568	81,955	84,413
			75,750	W		50,000	25,750	0	0	0
		Project Total	**398,185**			**75,000**	**77,250**	**79,568**	**81,955**	**84,413**
306	WU20	TBD	Annual		Water Metering Replacement					
			1,223,951	F		146,667	257,500	265,225	273,182	281,377
			422,083	W		293,333	128,750	0	0	0
		Project Total	**1,646,034**			**440,000**	**386,250**	**265,225**	**273,182**	**281,377**
307	WU22	TBD	Recurring		Automatic Meter Reading (AMR/AMI) Project - Pilot					
			1,321,854	F		3,333	6,867	424,360	437,091	450,204
			10,100	W		6,667	3,433	0	0	0
		Project Total	**1,331,954**			**10,000**	**10,300**	**424,360**	**437,091**	**450,204**
308	WU29	TBD	Recurring		Emergency Standby Well Rehabilitation					
			859,817	F		67,000	136,990	212,180	218,545	225,102
			202,010	W		133,000	69,010	0	0	0
		Project Total	**1,061,827**			**200,000**	**206,000**	**212,180**	**218,545**	**225,102**
204	WU32	TBD	Changed - Non Recurring		Southeast Waterworks Pumps & Controls Replacement					
			624,444	F		667	19,913	341,610	262,254	0
			11,290	W		1,333	9,957	0	0	0
		Project Total	**635,734**			**2,000**	**29,870**	**341,610**	**262,254**	**0**
309	WU33	TBD	Changed - Recurring		SCADA Improvements and Upgrades					
			124,446	F		124,446	0	0	0	0
			252,662	W		252,662	0	0	0	0
		Project Total	**377,108**			**377,108**	**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 Utilities - Water/ Wastewater**

Page		WF #	Estimated Total Cost	Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
310	WWU05	TBD	Changed - Recurring		Wastewater Utility Infrastructure Relocation - Various Locations				
			655,535	F	38,333	216,987	149,587	124,571	126,057
			185,160	W	76,667	108,493	0	0	0
		Project Total	**840,695**		**115,000**	**325,480**	**149,587**	**124,571**	**126,057**
311	WWU06	TBD	Annual		Sanitary Sewer System Rehab/Replacement-Interceptors/Trunk Sewers/Mainlines & Services				
			9,466,697	F	734,000	1,512,040	2,336,102	2,406,185	2,478,371
			2,224,020	W	1,468,000	756,020	0	0	0
		Project Total	**11,690,717**		**2,202,000**	**2,268,060**	**2,336,102**	**2,406,185**	**2,478,371**
312	WWU09	TBD	Annual		Sanitary Sewer Oversizing Payments - New Developments				
			107,910	F	8,250	17,682	26,523	27,318	28,138
			25,590	W	16,750	8,840	0	0	0
		Project Total	**133,501**		**25,000**	**26,523**	**26,523**	**27,318**	**28,138**
313	WWU10	TBD	Recurring		Sanitary Sewer Capacity Improvements				
			392,225	F	177,666	36,393	57,289	60,100	60,777
			373,531	W	355,334	18,197	0	0	0
		Project Total	**765,756**		**533,000**	**54,590**	**57,289**	**60,100**	**60,777**
314	WWU28	TBD	Recurring		SWRC - Tertiary Treatment (Sand Filters) Replacement				
			2,843,213	F	391,334	423,673	638,662	690,603	698,941
			994,503	W	782,666	211,837	0	0	0
		Project Total	**3,837,716**		**1,174,000**	**635,510**	**638,662**	**690,603**	**698,941**
315	WWU34	Multiple - TBD	Annual		Sanitary Sewer Lift Station Rehabilitation Program				
			1,354,741	F	165,000	206,000	318,270	327,818	337,653
			438,000	W	335,000	103,000	0	0	0
		Project Total	**1,792,741**		**500,000**	**309,000**	**318,270**	**327,818**	**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) 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

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

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

Page		WF #	Estimated Total Cost	Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
205	WWU35	TBD	Changed - Non Recurring		SWRC - Phosphorus Removal - Preliminary Engineering (IEPA Permit Pending Requirement)				
			326,398	F	0	0	0	0	326,398
		Project Total	**326,398**		**0**	**0**	**0**	**0**	**326,398**
206	WWU36	TBD	Changed - Non Recurring		Treatment Plant - Upgrades & Improvements				
			3,166,615	F	95,000	1,474,960	1,596,655	0	0
			927,480	W	190,000	737,480	0	0	0
		Project Total	**4,094,095**		**285,000**	**2,212,440**	**1,596,655**	**0**	**0**
207	WWU38	TBD	Changed - Non Recurring		Springbrook Water Reclamation Center - Roadway Improvements				
			68,000	F	68,000	0	0	0	0
			136,000	W	136,000	0	0	0	0
		Project Total	**204,000**		**204,000**	**0**	**0**	**0**	**0**
164	WWU39	TBD	New		SWRC - Influent Headworks Upgrades & Improvements				
			124,334	F	124,334	0	0	0	0
			248,666	W	248,666	0	0	0	0
		Project Total	**373,000**		**373,000**	**0**	**0**	**0**	**0**
		Department Total	**38,232,557**		**8,210,108**	**7,814,095**	**7,441,153**	**6,848,120**	**7,919,081**

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) 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

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

Department: **Public Works**

Page		WF #	Estimated Total Cost	Funding Source		FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
211	CE084	(none)	Previous Year - No Change		Stormwater Asset Management and Master Plan					
			200,000	U		200,000	0	0	0	0
		Project Total	**200,000**			**200,000**	**0**	**0**	**0**	**0**
167	EQ038		New		Salt Conveyor System Replacement					
			206,000	U		0	206,000	0	0	0
		Project Total	**206,000**			**0**	**206,000**	**0**	**0**	**0**
212	MB112	(none)	Changed - Non Recurring		HHW Replacement Storage Locker					
			196,000	G		196,000	0	0	0	0
		Project Total	**196,000**			**196,000**	**0**	**0**	**0**	**0**
213	MB121	(none)	Changed - Non Recurring		Lower Deck Restorations/Sealing and Joint Repair					
			95,481	U		0	0	95,481	0	0
		Project Total	**95,481**			**0**	**0**	**95,481**	**0**	**0**
214	MB136	(none)	Previous Year - No Change		Municipal Center Plaza Restoration and Replacement Program					
			118,000	U		15,000	103,000	0	0	0
		Project Total	**118,000**			**15,000**	**103,000**	**0**	**0**	**0**
215	MB137	(none)	Changed - Non Recurring		Concrete Joint and Platform Rehabilitation at Wash. Underpass					
			60,000	N		60,000	0	0	0	0
		Project Total	**60,000**			**60,000**	**0**	**0**	**0**	**0**
319	MB145	(none)	Changed - Recurring		Carpeting at City Hall					
			424,487	U		0	107,635	156,085	160,767	0
		Project Total	**424,487**			**0**	**107,635**	**156,085**	**160,767**	**0**
320	MB160		Changed - Recurring		Downtown Parking Deck Maintenance Program					
			199,772	E		42,800	156,972	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**

Page	WF #		Estimated Total Cost	Funding Source		FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
		Project Total	**199,772**			**42,800**	**156,972**	**0**	**0**	**0**
216	MB161		Changed - Non Recurring		Electric Service Center Roof Replacement					
			1,150,497	J		275,000	283,250	291,748	300,500	0
		Project Total	**1,150,497**			**275,000**	**283,250**	**291,748**	**300,500**	**0**
217	MB167		Changed - Non Recurring		Municipal Center Elevator Repair					
			77,250	U		0	77,250	0	0	0
		Project Total	**77,250**			**0**	**77,250**	**0**	**0**	**0**
218	MB168		Previous Year - No Change		Fire Sprinkler Replacement					
			40,000	U		40,000	0	0	0	0
		Project Total	**40,000**			**40,000**	**0**	**0**	**0**	**0**
219	MB170		Previous Year - No Change		Tuck-Point Masonry at Burlington Commuter Station					
			55,000	N		55,000	0	0	0	0
		Project Total	**55,000**			**55,000**	**0**	**0**	**0**	**0**
168	MB172		New		HVAC System Replacement - Fire Station #7/Emergency Operations Center (EOC)					
			50,000	U		50,000	0	0	0	0
		Project Total	**50,000**			**50,000**	**0**	**0**	**0**	**0**
169	MB173		New		Pedestrian Tunnel Roof Leak Repairs					
			67,500	N		67,500	0	0	0	0
		Project Total	**67,500**			**67,500**	**0**	**0**	**0**	**0**
170	MB176		New		Municipal Center Roof Replacement					
			377,046	U		0	0	0	0	377,046
		Project Total	**377,046**			**0**	**0**	**0**	**0**	**377,046**

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

Department: **Public Works**

Page		WF #	Estimated Total Cost	Funding Source		FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
171	MB177		New		Building Access Control Upgrade					
			97,000	U		97,000	0	0	0	0
		Project Total	**97,000**			**97,000**	**0**	**0**	**0**	**0**
321	PA020	(none)	Changed - Recurring		Annual Tree Planting Program					
			88,634	U		0	0	0	0	88,634
		Project Total	**88,634**			**0**	**0**	**0**	**0**	**88,634**
322	PA040		Annual		Emerald Ash Borer Removal and Replacement Program					
			1,984,723	U		975,000	511,266	290,819	103,809	103,828
		Project Total	**1,984,723**			**975,000**	**511,266**	**290,819**	**103,809**	**103,828**
323	SC223	(none)	Annual		Alley Improvement Program					
			530,914	R		100,000	103,000	106,090	109,273	112,551
		Project Total	**530,914**			**100,000**	**103,000**	**106,090**	**109,273**	**112,551**
324	SL125	(none)	Changed - Recurring		Capital Upgrade/Replacement of Street Lighting Systems					
			208,318	U		0	128,750	79,568	0	0
		Project Total	**208,318**			**0**	**128,750**	**79,568**	**0**	**0**
325	SL135	(none)	Changed - Recurring		Street Light Upgrade - Knoch Knolls and Gartner Road					
			65,200	U		65,200	0	0	0	0
		Project Total	**65,200**			**65,200**	**0**	**0**	**0**	**0**
326	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**
327	SW017	(none)	Annual		Storm Sewer Lining Program					
			5,009,136	U		700,000	1,030,000	1,060,900	1,092,727	1,125,509

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

Department: **Public Works**

Page	WF #	Estimated Total Cost	Funding Source		FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
	Project Total	**5,009,136**			**700,000**	**1,030,000**	**1,060,900**	**1,092,727**	**1,125,509**
328	SW025	Recurring		Storm Sewer Extension Program					
		270,822	U		75,000	15,450	79,568	16,391	84,413
	Project Total	**270,822**			**75,000**	**15,450**	**79,568**	**16,391**	**84,413**
329	SW026	Recurring		Stormwater System Replacement Program					
		323,797	U		35,000	103,000	37,132	109,273	39,393
	Project Total	**323,797**			**35,000**	**103,000**	**37,132**	**109,273**	**39,393**
	Department Total	**12,585,763**			**3,178,500**	**2,959,473**	**2,335,306**	**2,034,794**	**2,077,690**

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) 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

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

Department: **Riverwalk**

Page		WF #	Estimated Total Cost	Funding Source		FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
332	PA022	(none)	Annual		Annual Riverwalk Rehabilitation Program					
			285,457	U		70,000	51,500	53,045	54,636	56,275
		Project Total	**285,457**			**70,000**	**51,500**	**53,045**	**54,636**	**56,275**
222	PA027	(none)	Changed - Non Recurring		North Central College Stairway and Access Improvements					
			31,000	C		31,000	0	0	0	0
			50,000	D		50,000	0	0	0	0
			5,000	G		5,000	0	0	0	0
		Project Total	**86,000**			**86,000**	**0**	**0**	**0**	**0**
223	PA028	(none)	Previous Year - No Change		Moser Bridge Shoreline Stabilization					
			27,810	U		27,810	0	0	0	0
		Project Total	**27,810**			**27,810**	**0**	**0**	**0**	**0**
224	PA037		Changed - Non Recurring		Riverwalk Rehabilitation between Eagle Street and Smykal Pavilion					
			220,326	U		0	51,500	0	0	168,826
		Project Total	**220,326**			**0**	**51,500**	**0**	**0**	**168,826**
225	PA042		Previous Year - No Change		Riverbank Retaining Wall Assessment West Extension					
			90,000	U		90,000	0	0	0	0
		Project Total	**90,000**			**90,000**	**0**	**0**	**0**	**0**
174	PA043		New		Elevator Replacement in the Moser Tower					
			163,909	U		0	0	0	163,909	0
		Project Total	**163,909**			**0**	**0**	**0**	**163,909**	**0**
175	PA044		New		Construct/Replace Retaining Walls on West Extension					
			244,007	U		0	0	244,007	0	0
		Project Total	**244,007**			**0**	**0**	**244,007**	**0**	**0**

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

Department: **Riverwalk**

Page	WF #	Estimated Total Cost	Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
	Department Total	**1,117,509**		**273,810**	**103,000**	**297,052**	**218,545**	**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) 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

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

Department: **Transportation, Engineering & Development**

Page		WF #	Estimated Total Cost	Funding Source		FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
231	BR005	(none)	Changed - Non Recurring		North Aurora Road Underpass at the CN Railroad					
			14,485,191	G		0	1,185,530	567,582	983,454	11,748,626
			5,558,706	U		0	540,750	164,440	983,454	3,870,063
		Project Total	**20,043,898**			**0**	**1,726,280**	**732,021**	**1,966,909**	**15,618,688**
232	BR007	(none)	Previous Year - No Change		Washington St. Pedestrian Bridge over the WB DuPage River					
			1,164,157	U		0	103,000	132,613	0	928,545
		Project Total	**1,164,157**			**0**	**103,000**	**132,613**	**0**	**928,545**
233	BR017	(none)	Changed - Non Recurring		Bridge for Relocated 95th Street Over the DuPage River					
			5,002,000	U		1,500,000	3,502,000	0	0	0
		Project Total	**5,002,000**			**1,500,000**	**3,502,000**	**0**	**0**	**0**
234	BR028	(none)	Changed - Non Recurring		Columbia Street Bridge Rehabilitation					
			200,000	U		200,000	0	0	0	0
		Project Total	**200,000**			**200,000**	**0**	**0**	**0**	**0**
235	BR031		Previous Year - No Change		Downtown Washington Street Bridge Rehabilitation					
			358,718	U		0	30,900	0	327,818	0
		Project Total	**358,718**			**0**	**30,900**	**0**	**327,818**	**0**
236	BW015	(none)	Previous Year - No Change		Springbrook Prairie to Virgil Gilman Trail					
			977,858	U		0	0	180,353	278,645	518,860
		Project Total	**977,858**			**0**	**0**	**180,353**	**278,645**	**518,860**
336	CS006	(none)	Annual		New Sidewalk Improvements					
			150,000	G		150,000	0	0	0	0
			1,350,000	U		150,000	300,000	300,000	300,000	300,000
		Project Total	**1,500,000**			**300,000**	**300,000**	**300,000**	**300,000**	**300,000**

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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**

Page		WF #	Estimated Total Cost	Funding Source		FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
237	CS009		Changed - Non Recurring		Washington Street Streetscape					
			337,631	U		0	0	0	38,245	299,385
		Project Total	**337,631**			**0**	**0**	**0**	**38,245**	**299,385**
178	CS011		New		Van Buren Parking Lot Pedestrian Connection					
			61,800	E		0	61,800	0	0	0
		Project Total	**61,800**			**0**	**61,800**	**0**	**0**	**0**
179	CS012		New		Paw Paw Lot Pedestrian Connection					
			65,000	E		65,000	0	0	0	0
		Project Total	**65,000**			**65,000**	**0**	**0**	**0**	**0**
337	MB035	(none)	Recurring		Municipal Parking Lot Maintenance					
			206,463	E		90,000	79,310	0	37,153	0
			1,301,611	N		730,000	374,920	0	196,691	0
			770,908	U		325,000	267,800	53,045	108,180	16,883
		Project Total	**2,278,981**			**1,145,000**	**722,030**	**53,045**	**342,024**	**16,883**
180	MB117	(none)	New		Central Park Master Plan Improvements					
			1,003,507	CF		0	82,400	53,045	327,818	540,244
		Project Total	**1,003,507**			**0**	**82,400**	**53,045**	**327,818**	**540,244**
238	MB138	none	Changed - Non Recurring		Water Street District Improvements					
			9,004,072	TF		0	0	0	0	9,004,072
			4,783,598	U		0	0	4,783,598	0	0
		Project Total	**13,787,670**			**0**	**0**	**4,783,598**	**0**	**9,004,072**
239	MB163		Changed - Non Recurring		Downtown Parking Solution					
			28,391,879	O		0	0	5,631,257	2,869,501	19,891,121

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) 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

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

Department: **Transportation, Engineering & Development**

Page		WF #	Estimated Total Cost	Funding Source		FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
		Project Total	**28,391,879**			**0**	**0**	**5,631,257**	**2,869,501**	**19,891,121**
240	MB164		Previous Year - No Change		5th Avenue Area Bus Depot					
			1,284,644	N		0	159,135	0	1,125,509	0
		Project Total	**1,284,644**			**0**	**159,135**	**0**	**1,125,509**	**0**
338	MP004	(none)	Annual		Sidewalk & Curb Replacement Program					
			425,000	P		85,000	85,000	85,000	85,000	85,000
			1,450,000	U		290,000	290,000	290,000	290,000	290,001
		Project Total	**1,875,000**			**375,000**	**375,000**	**375,000**	**375,000**	**375,000**
339	MP009	(none)	Annual		Street Maintenance Improvement Program					
			2,666,918	G		1,266,000	0	1,400,918	0	0
			18,338,001	H		4,034,000	3,605,000	3,602,342	3,495,030	3,601,629
			10,618,272	LH		2,000,000	2,060,000	2,121,800	2,185,454	2,251,018
			23,081,113	OR		3,800,000	5,236,660	3,774,746	5,220,170	5,049,538
			3,495,695	R		700,000	698,340	700,194	699,345	697,816
		Project Total	**58,200,000**			**11,800,000**	**11,600,000**	**11,600,000**	**11,600,000**	**11,600,000**
340	MP016		Recurring		Bikeway System Maintenance Program					
			861,827	U		0	206,000	212,180	218,545	225,102
		Project Total	**861,827**			**0**	**206,000**	**212,180**	**218,545**	**225,102**
181	MP018		New		ADA Sidewalk Improvements					
			243,457	G		28,000	51,500	53,045	54,636	56,275
			184,543	U		0	48,500	46,955	45,363	43,725
		Project Total	**428,000**			**28,000**	**100,000**	**100,000**	**100,000**	**100,000**
241	SC033	(none)	Changed - Non Recurring		North Aurora Road.: Frontenac Rd. to Weston Ridge Dr.					
			3,593,856	G		0	154,500	371,315	163,909	2,904,132

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) 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

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

Department: **Transportation, Engineering & Development**

Page		WF #	Estimated Total Cost	Funding Source		FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
			2,266,001	OR		0	0	0	0	2,266,001
			5,358,466	U		0	669,500	689,585	622,854	3,376,527
		Project Total	**11,218,323**			**0**	**824,000**	**1,060,900**	**786,763**	**8,546,660**
341	SC099	(none)	Annual		Street Safety and Improvement Program					
			375,000	U		75,000	75,000	75,000	75,000	74,999
		Project Total	**375,000**			**75,000**	**75,000**	**75,000**	**75,000**	**74,999**
242	SC190	(none)	Changed - Non Recurring		248th Street: 95th St. to 115th St.					
			4,400,000	OR		0	2,200,000	2,200,000	0	0
		Project Total	**4,400,000**			**0**	**2,200,000**	**2,200,000**	**0**	**0**
243	SC196	(none)	Changed - Non Recurring		95th Street and Book Road					
			2,172,132	U		0	0	107,151	236,029	1,828,952
		Project Total	**2,172,132**			**0**	**0**	**107,151**	**236,029**	**1,828,952**
244	SC220	(none)	Changed - Non Recurring		Route 59 Improvement: Aurora Avenue to Ferry Road					
			250,000	D		250,000	0	0	0	0
			2,200,000	OR		2,200,000	0	0	0	0
			2,111,500	U		0	2,111,500	0	0	0
		Project Total	**4,561,500**			**2,450,000**	**2,111,500**	**0**	**0**	**0**
245	SC240		Changed - Non Recurring		Main Street: Benton to Van Buren					
			185,658	U		0	0	185,658	0	0
		Project Total	**185,658**			**0**	**0**	**185,658**	**0**	**0**
246	SL134		Previous Year - No Change		5th Avenue Area Pedestrian Lighting					
			117,700	N		25,000	92,700	0	0	0
		Project Total	**117,700**			**25,000**	**92,700**	**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) 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

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

Department: **Transportation, Engineering & Development**

Page		WF #	Estimated Total Cost	Funding Source		FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
247	SW011	(none)	Changed - Non Recurring		Huffman Street/Steeple Run Watershed Improvements					
			2,370,000	U		2,370,000	0	0	0	0
		Project Total	**2,370,000**			**2,370,000**	**0**	**0**	**0**	**0**
248	TC037	(none)	Changed - Non Recurring		Osler Drive and West Street					
			44,802	D		0	0	0	44,802	0
		Project Total	**44,802**			**0**	**0**	**0**	**44,802**	**0**
249	TC166	(none)	Previous Year - No Change		Mill Street and Diehl Commons Road					
			80,807	G		0	0	0	7,649	73,158
			273,837	U		0	0	0	26,225	247,612
		Project Total	**354,645**			**0**	**0**	**0**	**33,875**	**320,770**
342	TC184	(none)	Recurring		LED Replacement Program					
			406,000	U		200,000	206,000	0	0	0
		Project Total	**406,000**			**200,000**	**206,000**	**0**	**0**	**0**
250	TC193	(none)	Changed - Non Recurring		Ogden Avenue Corridor Enhancement Initiative					
			112,551	U		0	0	0	0	112,551
		Project Total	**112,551**			**0**	**0**	**0**	**0**	**112,551**
251	TC195		Changed - Non Recurring		Route 59 and Lacrosse					
			576,700	G		72,000	504,700	0	0	0
			64,650	U		8,000	56,650	0	0	0
		Project Total	**641,350**			**80,000**	**561,350**	**0**	**0**	**0**
252	TC207		Changed - Non Recurring		South Downtown Traffic Improvements					
			76,252	D		0	0	7,957	68,295	0
			228,757	U		0	0	23,870	204,886	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) 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

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

Department: **Transportation, Engineering & Development**

Page	WF #	Estimated Total Cost	Funding Source		FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
	Project Total	**305,009**			**0**	**0**	**31,827**	**273,182**	**0**
253	TC211	Changed - Non Recurring		5th Avenue Area Multi-Modal Improvements					
		107,841	N		0	12,360	95,481	0	0
	Project Total	**107,841**			**0**	**12,360**	**95,481**	**0**	**0**
254	TC212	Changed - Non Recurring		Downtown Wayfinding					
		102,625	E		12,500	90,125	0	0	0
		102,625	U		12,500	90,125	0	0	0
	Project Total	**205,250**			**25,000**	**180,250**	**0**	**0**	**0**
255	TC214	Previous Year - No Change		111th St/Hassert Blvd and Chokeberry Drive Traffic Signal					
		250,000	U		250,000	0	0	0	0
	Project Total	**250,000**			**250,000**	**0**	**0**	**0**	**0**
256	TC215	Changed - Non Recurring		Ogden Avenue and Fort Hill Drive Pedestrian Signal					
		30,000	U		30,000	0	0	0	0
	Project Total	**30,000**			**30,000**	**0**	**0**	**0**	**0**
182	TC217	New		Centralized Traffic Management System					
		973,556	G		0	82,400	891,156	0	0
		243,389	U		0	20,600	222,789	0	0
	Project Total	**1,216,945**			**0**	**103,000**	**1,113,945**	**0**	**0**
183	TC218	New		95th Street and Knoch Knolls Road Traffic Signal					
		154,500	G		0	154,500	0	0	0
		189,500	U		35,000	154,500	0	0	0
	Project Total	**344,000**			**35,000**	**309,000**	**0**	**0**	**0**
	Department Total	**167,241,276**			**20,952,999**	**25,643,705**	**29,023,075**	**21,319,665**	**70,301,833**

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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**

Page	WF #	Estimated Total Cost	Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17

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) 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

New

New

Admin Services

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

Department: **Admin Services - Community Relations**

Page	WF #	Estimated Total Cost	Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
LR077		New		WPFP AM 1610 Radio Station Upgrade				
		15,000	F	15,000	0	0	0	0
		15,000	J	15,000	0	0	0	0
		30,000	U	30,000	0	0	0	0
	Project Total	**60,000**		**60,000**	**0**	**0**	**0**	**0**
	Department Total	**60,000**		**60,000**	**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) 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

Project Number: LR077 **Project Title:** WPFP AM 1610 Radio Station Upgrade

Department Name: Community Relations **CIP Status:** New **Category Code:** B **Sector:**

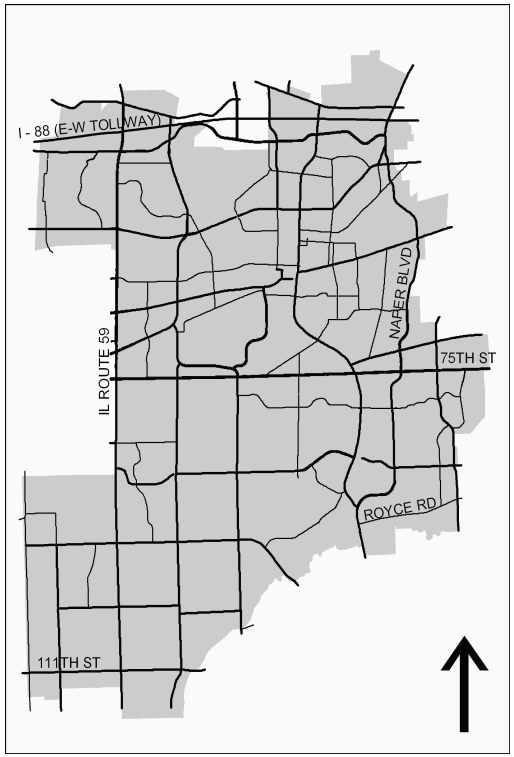
Criteria Medium Priority **WF Number:**

Project Purpose:

The purpose of this project is to support the policy objectives outlined in FY 2012 Strategic Plan Initiative goal No. 3 "Devise a new citywide Communication Policy beginning with communications during emergency events" by upgrading the broadcasting infrastructure of the City's informational radio station, WPFP AM 1610.

Project Narrative:

As a result of the emergency communication policy development process, staff has determined that the broadcasting infrastructure of the City's radio station is beyond its serviceable life and does not have the necessary capacity and functionality to meet the City's emergency and non-emergency needs. By upgrading the radio station equipment, the City will have the ability to provide emergency and routine notifications to City staff, residents and businesses if other modes of communication, such as email, television and landline or cellular phones, fail during emergencies.



External Funding Sources Available

Projected Timetable

RFP release in May 2012, vendor selection in August 2012, equipment upgrade completed in Oct. 2012.

Impact on Operating Budget

Annual maintenance costs will be approximately $5,000.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	0	5,000	5,000	5,000	5,000	20,000
Subtotal	0	5,000	5,000	5,000	5,000	20,000
					Prior Year(s) Impact	0
					Total Project Impact	20,000

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Water Utility	15,000	0	0	0	0	15,000
Electric Utility	15,000	0	0	0	0	15,000
Unfunded Capital	30,000	0	0	0	0	30,000
Subtotal	60,000	0	0	0	0	60,000
					Prior Year(s) Expenditures	0
					Total All Sources	60,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Consultant	0	0	0	10,000	0	0	0	0	10,000
Equip. & Furnishing	0	0	0	50,000	0	0	0	0	50,000
Subtotal	0	0	0	60,000	0	0	0	0	60,000
								Prior Year(s) Expenditures	0
								Total Project Cost	60,000

Technology

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

Department: **Information Technology**

Page	WF #	Estimated Total Cost	Funding Source		FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
CE120		New		Downtown Wireless Network Infrastructure Replacement					
		106,090	Q		0	0	106,090	0	0
	Project Total	**106,090**			**0**	**0**	**106,090**	**0**	**0**
CE122		New		Electronic Forms Implementation					
		22,279	F		0	0	22,279	0	0
		22,279	J		0	0	22,279	0	0
		55,485	U		0	0	44,558	10,927	0
	Project Total	**100,043**			**0**	**0**	**89,116**	**10,927**	**0**
CE123		New		Exchange Upgrade					
		118,450	Q		0	118,450	0	0	0
	Project Total	**118,450**			**0**	**118,450**	**0**	**0**	**0**
CE124		New		City Intranet Upgrade					
		88,580	Q		0	88,580	0	0	0
	Project Total	**88,580**			**0**	**88,580**	**0**	**0**	**0**
CE125		New		SunGard Enterprise Resource Planning Software Migration					
		138,736	F		0	25,750	58,350	54,636	0
		251,722	J		0	25,750	116,699	109,273	0
		487,448	U		0	195,700	291,748	0	0
	Project Total	**877,905**			**0**	**247,200**	**466,796**	**163,909**	**0**
CE126		New		Cityworks Desktop to Server AMS Upgrade					
		51,000	Q		51,000	0	0	0	0
	Project Total	**51,000**			**51,000**	**0**	**0**	**0**	**0**
EG005		New		e-Bill Online Utility Bill Payment Migration					

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

Department: **Information Technology**

Page	WF #	Estimated Total Cost	Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
		44,290	F	0	44,290	0	0	0
		44,290	J	0	44,290	0	0	0
		6,180	U	0	6,180	0	0	0
	Project Total	**94,760**		**0**	**94,760**	**0**	**0**	**0**
EG006		New		Emergency Notification System Replacement				
		15,000	F	15,000	0	0	0	0
		15,000	J	15,000	0	0	0	0
		30,000	U	30,000	0	0	0	0
	Project Total	**60,000**		**60,000**	**0**	**0**	**0**	**0**
LR076		New		Security Cameras				
		42,000	N	42,000	0	0	0	0
		112,115	U	39,500	72,615	0	0	0
	Project Total	**154,115**		**81,500**	**72,615**	**0**	**0**	**0**
	Department Total	**1,650,943**		**192,500**	**621,605**	**662,002**	**174,836**	**0**

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Project Number: CE120 **Project Title:** Downtown Wireless Network Infrastructure Replacement

Department Name: Information Technology **CIP Status:** New **Category Code:** **Sector:** Various

Project Purpose:

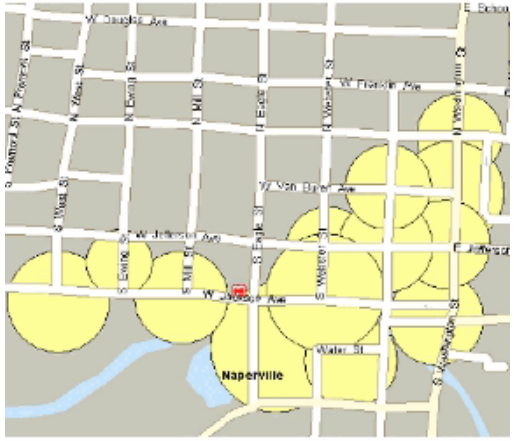
The purpose of this project is to replace the wireless network infrastructure that supports the downtown video surveillance camera system and the parking guidance system.

Criteria
Medium Priority

WF Number:

Project Narrative:

The downtown wireless network was originally installed and operated by MetroFi to provide Wi-Fi access to the downtown and surrounding areas. The City was able to obtain ownership of the equipment and a vendor was contracted to reconfigure the wireless network to support the downtown cameras and the parking guidance system as well as continuing to provide free Wi-Fi access to downtown patrons. The wireless equipment is reaching the end of its useful life and will need to be replaced to maintain the support of these critical City systems.



External Funding Sources Available

None

Projected Timetable

Release RFP in June of 2014, and have installation completed by October of 2014.

Impact on Operating Budget

No impact on the operating budget since this equipment will be replacing existing equipment.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Equipment Replacement Fund	0	0	106,090	0	0	106,090
Subtotal	0	0	106,090	0	0	106,090
					Prior Year(s) Expenditures	0
					Total All Sources	106,090

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Consultant	0	0	0	0	0	24,401	0	0	24,401
Equip. & Maint.	0	0	0	0	0	81,689	0	0	81,689
Subtotal	0	0	0	0	0	106,090	0	0	106,090
								Prior Year(s) Expenditures	0
								Total Project Cost	106,090

Project Number: CE122 **Project Title:** Electronic Forms Implementation

Department Name: Information Technology **CIP Status:** New **Category Code:** C **Sector:** Various

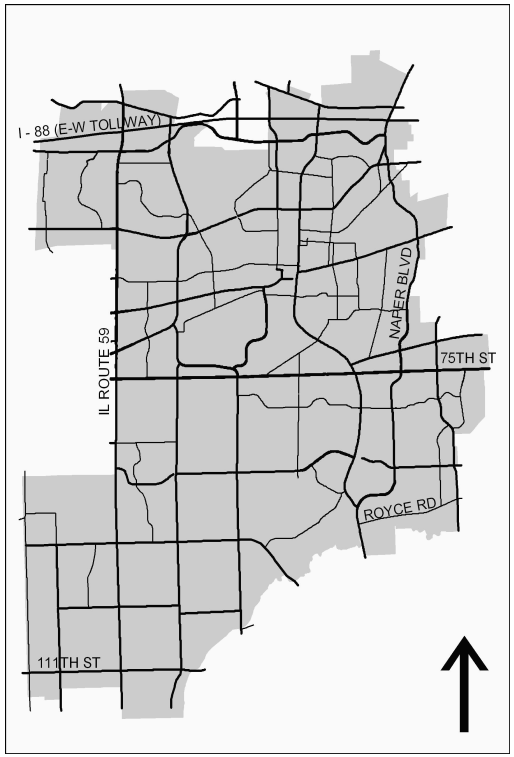
Project Purpose:

Criteria Low Priority **WF Number:**

Procure and implement software to enable City departments to convert their manual paper forms dependent processes to automated electronic processes in accordance with the Electronic Forms Strategy.

Project Narrative:

The City now uses hundreds of paper forms to collect information departments require to provide services to their internal and external customers. The use and management of these forms is inefficient and costly. An Electronic Forms Strategy will be developed in FY 2013. The project team that will develop this strategy will inventory all the City's forms and prioritize the most inefficient and will identify solutions to address these inefficiencies. The next step in this strategy will be to procure and implement the technology necessary to convert these forms from paper to electronic and automate these manual processes in order to make them more efficient. This technology will enable more of these documents to be made public and enable the public to submit information via the Web rather than through the mail or in person.



External Funding Sources Available

None

Projected Timetable

Develop an Electronic Forms Strategy by Sept. 2013. Procure a forms management solution in Aug. 2014, implement high priority forms by Dec. 2014. Procure and implement digital signatures by Sept. 2015.

Impact on Operating Budget

The implementation of a forms management solution will include a software maintenance cost of $14,000 a year. This cost will be offset by an estimated $5,000 a year savings in reduced paper usage.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	0	0	9,000	9,000	9,000	27,000
Subtotal	0	0	9,000	9,000	9,000	27,000
					Prior Year(s) Impact	0
					Total Project Impact	27,000

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Water Utility	0	0	22,279	0	0	22,279
Electric Utility	0	0	22,279	0	0	22,279
Unfunded Capital	0	0	44,558	10,927	0	55,485
Subtotal	0	0	89,116	10,927	0	100,043
					Prior Year(s) Expenditures	0
					Total All Sources	100,043

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Softwr & Maint.	0	0	0	0	0	89,116	10,927	0	100,043
Subtotal	0	0	0	0	0	89,116	10,927	0	100,043
								Prior Year(s) Expenditures	0
								Total Project Cost	100,043

Project Number: CE123 **Project Title:** Exchange Upgrade

Department Name: Information Technology **CIP Status:** New **Category Code:** B **Sector:** Various

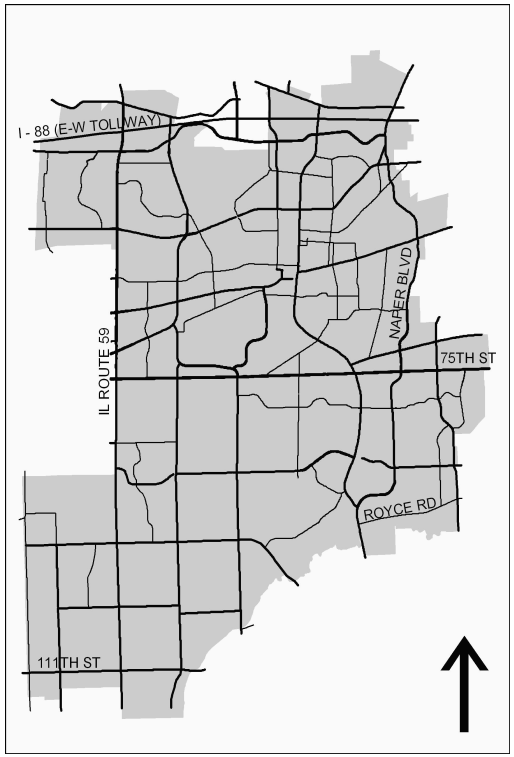
Project Purpose:

Purpose of this project is to upgrade the hardware and software for the city's email implementation.

Criteria Medium Priority **WF Number:**

Project Narrative:

The current storage hardware for the Exchange email infrastructure was purchased in FY 2007 as part of the Novell GroupWise to Microsoft Exchange email migration. The storage array will reach the end of life from the manufacturer and will no longer be supported in 2013. This project will allow the city to replace the existing hardware and upgrade Exchange from 2007 to the latest version. Exchange 2010 has enhanced features including global search necessary for Freedom of Information Act and e-discovery requests. As part of this project, IT will evaluate the feasibility of moving Exchange to an externally hosted (i.e. cloud-based) solution which would move this from a capital expense to an annual operating expense.



External Funding Sources Available

None

Projected Timetable

RFP to be released in July of 2013, and implementation to occur in November of 2013.

Impact on Operating Budget

This will be replacing existing equipment so there will be no change to the operating budget.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Equipment Replacement Fund	0	118,450	0	0	0	118,450
Subtotal	0	118,450	0	0	0	118,450
					Prior Year(s) Expenditures	0
					Total All Sources	118,450

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Consultant	0	0	0	0	25,750	0	0	0	25,750
Equip. & Maint.	0	0	0	0	92,700	0	0	0	92,700
Subtotal	0	0	0	0	118,450	0	0	0	118,450
								Prior Year(s) Expenditures	0
								Total Project Cost	118,450

Project Number: CE124 **Project Title:** City Intranet Upgrade

Department Name: Information Technology **CIP Status:** New **Category Code:** B **Sector:** Various

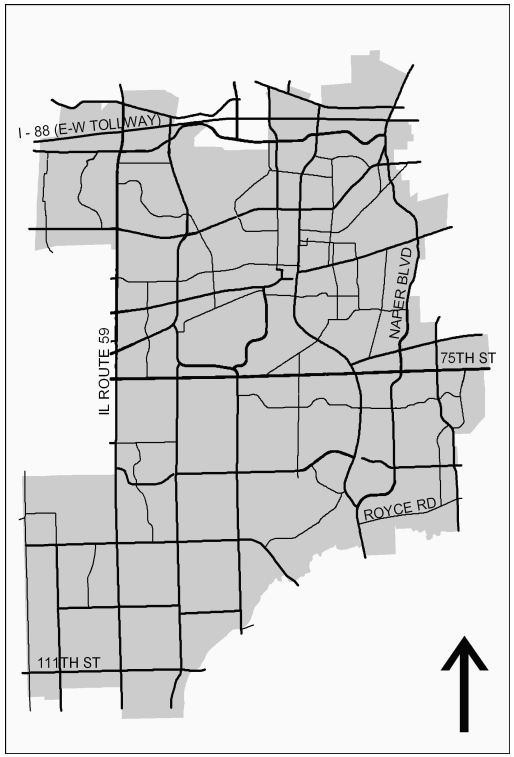
Project Purpose:

Criteria Medium Priority **WF Number:**

The City's Intranet software, Microsoft SharePoint, was purchased and implemented in 2007, however it will not be supported by Microsoft beyond 2012. The purpose of this project is to migrate the City's Intranet to a supported version.

Project Narrative:

The City's SharePoint Intranet software is a key enterprise application for inter-departmental collaboration, employee communication, and document management. Since SharePoint provides the ability to share resources and establish a common document repository, all major city projects are managed using the software. City departments, such as Finance and Human Resources, use SharePoint to publish forms, policies and procedures manuals to support automation and standardization of internal City business processes. With the latest version of SharePoint common Microsoft Office applications, such as Word, Excel and Outlook email are integrated in to the software which will reduce the need to have these applications installed on all City user's desktops.



External Funding Sources Available

None

Projected Timetable

Release RFP and select vendor by July 2013, review structure and design of Intranet by September 2013, migrate content and roll out upgraded Intranet in December 2013.

Impact on Operating Budget

Additional operating costs will be incurred to include SharePoint software on annual software maintenance.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	0	0	26,000	26,000	26,000	78,000
Subtotal	0	0	26,000	26,000	26,000	78,000
					Prior Year(s) Impact	0
					Total Project Impact	78,000

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Equipment Replacement Fund	0	88,580	0	0	0	88,580
Subtotal	0	88,580	0	0	0	88,580
					Prior Year(s) Expenditures	0
					Total All Sources	88,580

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Consultant	0	0	0	0	18,540	0	0	0	18,540
Softwr & Maint.	0	0	0	0	70,040	0	0	0	70,040
Subtotal	0	0	0	0	88,580	0	0	0	88,580
								Prior Year(s) Expenditures	0
								Total Project Cost	88,580

Project Number: CE125 **Project Title:** SunGard Enterprise Resource Planning Software Migration

Department Name: Information Technology **CIP Status:** New **Category Code:** C **Sector:** Various

Criteria Low Priority **WF Number:**

Project Purpose:

SunGard Public Sector software is used as the City's Enterprise Resource Planning (ERP) system. The purpose of this project is to migrate the City's SunGard Public Sector software from the current platform, which the City implemented in 2000, to either SunGard's new suite of redesigned applications or an equivalent software solution from another provider.

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. The City's SunGard implementation does not support current industry standard software practices or the enhanced workflow capabilities that can improve the efficiency of business processes. The new version of SunGard's ERP is built on Microsoft's web-based programming language, and is fully integrated with Microsoft's desktop applications. Prior to migration to SunGard's new software the City will evaluate other vendor solutions to determine if migrating to a different ERP is a preferred approach.

External Funding Sources Available

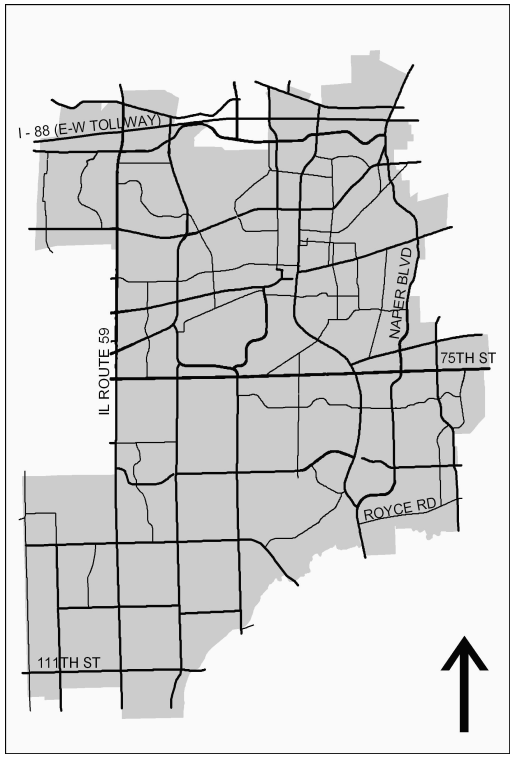
None

Projected Timetable

Release Request for Information (RFI) and evaluate ERP solutions by Sept. 2013. Migrate Community Development applications by Apr. 2014, migrate Financial/Payroll applications by May 2015, migrate utility billing applications by May 2016.

Impact on Operating Budget

Software maintenance costs begin to decrease in 2015. Hardware maintenance costs being to decrease in 2017.



Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	0	0	(6,000)	(10,000)	(35,000)	(51,000)
Subtotal	0	0	(6,000)	(10,000)	(35,000)	(51,000)
					Prior Year(s) Impact	0
					Total Project Impact	(51,000)

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Water Utility	0	25,750	58,350	54,636	0	138,736
Electric Utility	0	25,750	116,699	109,273	0	251,722
Unfunded Capital	0	195,700	291,748	0	0	487,448
Subtotal	0	247,200	466,796	163,909	0	877,905
					Prior Year(s) Expenditures	0
					Total All Sources	877,905

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Consultant	0	0	0	0	236,900	424,360	131,127	0	792,387
Softwr & Maint.	0	0	0	0	10,300	42,436	32,782	0	85,518
Subtotal	0	0	0	0	247,200	466,796	163,909	0	877,905
								Prior Year(s) Expenditures	0
								Total Project Cost	877,905

Project Number: CE126 **Project Title:** Cityworks Desktop to Server AMS Upgrade

Department Name: Information Technology **CIP Status:** New **Category Code:** B **Sector:** Various

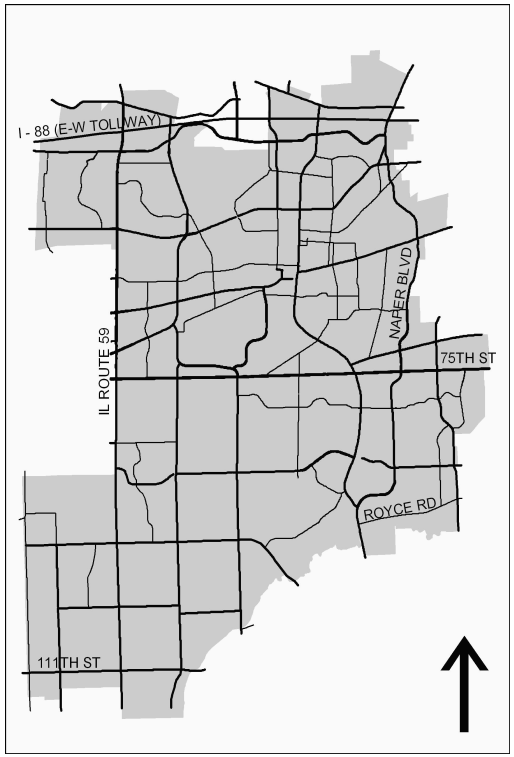
Criteria Medium Priority **WF Number:**

Project Purpose:

This project is for the City's migration from Cityworks Desktop software to the Cityworks Server AMS (Asset Management Solution) environment. The Cityworks Server AMS environment will enable City staff to utilize a simpler software interface and more efficient workflow for creating service requests and work orders for City assets.

Project Narrative:

Nearly all assets maintained by the Department of Public Works, Department of Public Utilities - Electric and Department of Public Utilities - Water are maintained using Cityworks software. Currently, Cityworks users in those departments need to open a desktop application (ArcGIS Desktop) in order to view service requests or work orders that are tied to a specific asset. Cityworks Server AMS is a web browser based interface that will reduce the number of GIS software licenses the City needs, and give City staff a simpler interface for asset management.



External Funding Sources Available

None

Projected Timetable

RFP specification development - May 2012, award of contract - August 2012, installation of Cityworks Server - September 2012, user training - October 2012, final system deployment - November 2012.

Impact on Operating Budget

This project will allow us to reduce the number of GIS software licenses. This will also reduce the number of Citrix servers we need to maintain for Cityworks.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	0	(5,000)	(5,000)	(5,000)	(5,000)	(20,000)
Subtotal	0	(5,000)	(5,000)	(5,000)	(5,000)	(20,000)
					Prior Year(s) Impact	0
					Total Project Impact	(20,000)

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Equipment Replacement Fund	51,000	0	0	0	0	51,000
Subtotal	51,000	0	0	0	0	51,000
					Prior Year(s) Expenditures	0
					Total All Sources	51,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Consultant	0	0	0	51,000	0	0	0	0	51,000
Subtotal	0	0	0	51,000	0	0	0	0	51,000
								Prior Year(s) Expenditures	0
								Total Project Cost	51,000

Project Number: EG005 **Project Title:** e-Bill Online Utility Bill Payment Migration

Department Name: Information Technology **CIP Status:** New **Category Code:** A **Sector:** Various

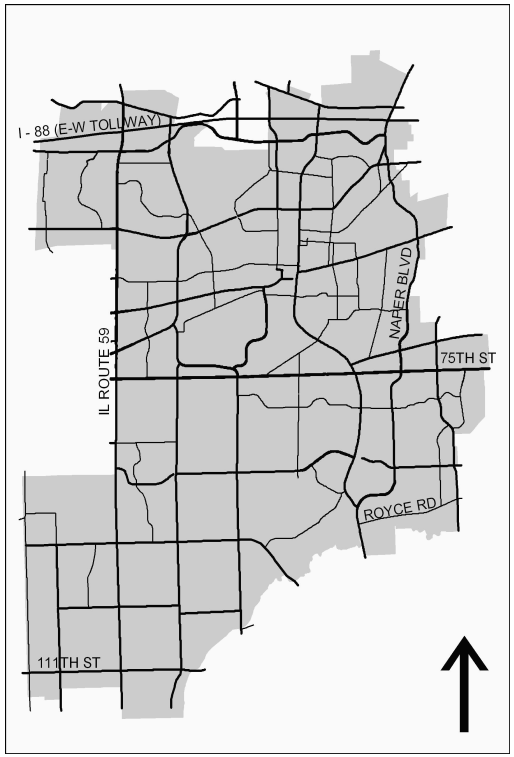
Criteria High Priority **WF Number:**

Project Purpose:

The City's e-Bill system allows for residents and businesses to pay utility bills online 24 hours a day, seven days a week. The City's contract with its current e-Bill provider will expire in FY 2014. Due to the expiration of the contract the City has an opportunity to implement a new e-Bill system that improves business processes and reduces operating costs.

Project Narrative:

The current online e-Bill system is a third party externally hosted application that requires manual processes to complete payment transactions in the City's utility billing system and requires staff to access three different systems in order to manage customer accounts. The proposed system, which is completely integrated with the utility billing system, will enable staff to more efficiently manage customer accounts and process utility billing payments. In addition, the proposed system will enable residents and businesses to have their online bill payments processed instantly, as opposed to the current process which takes two business days to post online transactions. Since the proposed system will include new versions of all of the City's online SunGard applications, an upgraded building permits module will also be implemented.



External Funding Sources Available

None

Projected Timetable

Develop system specifications in May 2013, select vendor for new system in August 2013, implement and test system Sept. - December 2013, roll-out new system in January 2014.

Impact on Operating Budget

The new system will reduce the per customer transaction costs that the City pays out of its annual operating budget. With the reduction in operating costs the new system will recover initial implementation costs after four years.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	0	(10,000)	(26,500)	(27,000)	(28,000)	(91,500)
Subtotal	0	(10,000)	(26,500)	(27,000)	(28,000)	(91,500)
					Prior Year(s) Impact	0
					Total Project Impact	(91,500)

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Water Utility	0	44,290	0	0	0	44,290
Electric Utility	0	44,290	0	0	0	44,290
Unfunded Capital	0	6,180	0	0	0	6,180
Subtotal	0	94,760	0	0	0	94,760
					Prior Year(s) Expenditures	0
					Total All Sources	94,760

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Consultant	0	0	0	0	20,600	0	0	0	20,600
Equip. & Maint.	0	0	0	0	20,600	0	0	0	20,600
Operating Expenditure	0	0	0	0	2,060	0	0	0	2,060
Softwr & Maint.	0	0	0	0	51,500	0	0	0	51,500
Subtotal	0	0	0	0	94,760	0	0	0	94,760
								Prior Year(s) Expenditures	0
								Total Project Cost	94,760

Project Number: EG006 **Project Title:** Emergency Notification System Replacement

Department Name: Information Technology **CIP Status:** New **Category Code:** A **Sector:** Various

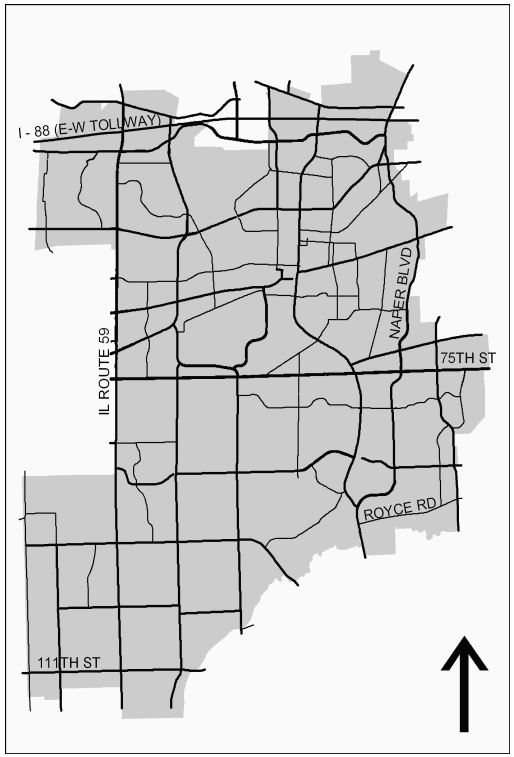
Criteria High Priority **WF Number:**

Project Purpose:

The purpose of this project is to support the policy objectives outlined in the FY 2012 Strategic Plan Initiative goal #3 "Devise a new citywide Communication Policy beginning with communications during emergency events" by replacing the current Emergency Notification System.

Project Narrative:

An Emergency Notification System has the ability to provide emergency and routine notifications to City staff, residents and businesses through a variety of methods, including voice (either landline or cellular phone), email and text messaging. Additional phone line capacity for delivering the potentially thousands of automated phone messages required for timely communications in an emergency event are typically maintained by the system provider. As a result of the emergency communication policy development process staff have determined that the City's current Emergency Notification System does not have the necessary capacity and functionality to meet the City's needs.



External Funding Sources Available

None

Projected Timetable

Release RFP for new system in June 2012 and select vendor by Sept. 2012. Implement system by Dec. 2012.

Impact on Operating Budget

The potential $60,000 annual cost for a new system will be offset by the elimination of the current Emergency Notification System operating cost and the internal City phone lines maintained solely for emergency notification voice communications.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	0	48,000	48,000	48,000	48,000	192,000
Subtotal	0	48,000	48,000	48,000	48,000	192,000
					Prior Year(s) Impact	0
					Total Project Impact	192,000

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Water Utility	15,000	0	0	0	0	15,000
Electric Utility	15,000	0	0	0	0	15,000
Unfunded Capital	30,000	0	0	0	0	30,000
Subtotal	60,000	0	0	0	0	60,000
					Prior Year(s) Expenditures	0
					Total All Sources	60,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Softwr & Maint.	0	0	0	60,000	0	0	0	0	60,000
Subtotal	0	0	0	60,000	0	0	0	0	60,000
								Prior Year(s) Expenditures	0
								Total Project Cost	60,000

Project Number: LR076 **Project Title:** Security Cameras

Department Name: Information Technology **CIP Status:** New **Category Code:** A **Sector:** Various

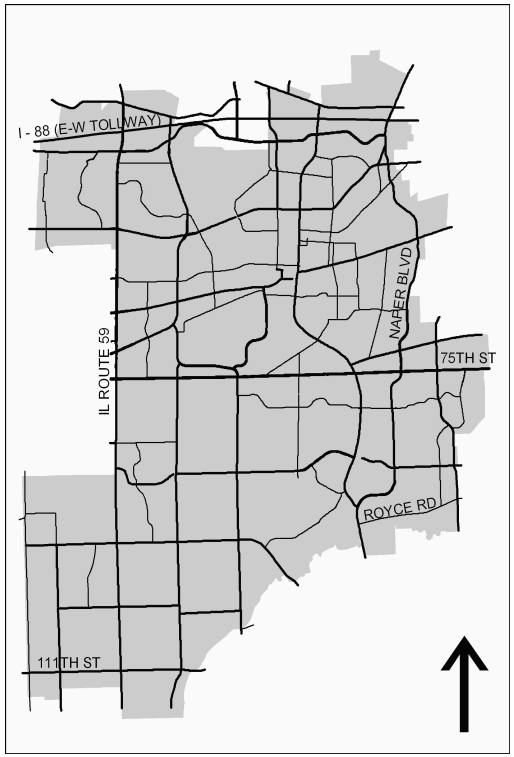
Project Purpose:

Criteria High Priority **WF Number:**

To consolidate the management of the security cameras at the Downtown Metra Train Station, Police Department, and Public Works Service Center buildings with the system that was implemented for the downtown cameras.

Project Narrative:

Over the years, disparate security camera systems have been implemented by individual departments throughout the city with different approaches on the technology used for recording. To manage or view cameras in these individual systems, a variety of different viewing applications are needed. As part of the recent downtown security camera project, an enterprise video management system was implemented. With this project the video management system will be utilized to allow for all the existing camera systems to be viewed and managed from a single application. The Police Department and train station will be implemented in FY 13 while Department of Public Works will be in FY 14.



External Funding Sources Available

None

Projected Timetable

An RFP will be issued in July of 2012 with the implementation to occur in November of 2012. Another RFP will be issued in July of 2013 and implementation to occur in November of 2013.

Impact on Operating Budget

There will be an additional $3,500 in annual software maintenance costs.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	0	2,400	3,500	3,500	3,500	12,900
Subtotal	0	2,400	3,500	3,500	3,500	12,900
					Prior Year(s) Impact	0
					Total Project Impact	12,900

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Commuter Parking Fund	42,000	0	0	0	0	42,000
Unfunded Capital	39,500	72,615	0	0	0	112,115
Subtotal	81,500	72,615	0	0	0	154,115
					Prior Year(s) Expenditures	0
					Total All Sources	154,115

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	0	0	0	40,500	35,020	0	0	0	75,520
Equip. & Maint.	0	0	0	25,000	32,445	0	0	0	57,445
Softwr & Maint.	0	0	0	16,000	5,150	0	0	0	21,150
Subtotal	0	0	0	81,500	72,615	0	0	0	154,115
								Prior Year(s) Expenditures	0
								Total Project Cost	154,115

Library

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

Department: **Naperville Public Library**

Page	WF #	Estimated Total Cost	Funding Source		FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
LB016		New		Nichols Library Roof Replacement					
		250,000	L		250,000	0	0	0	0
		310,000	U		310,000	0	0	0	0
	Project Total	**560,000**			**560,000**	**0**	**0**	**0**	**0**
LB017		New		Naper Blvd. Roof Repair					
		160,000	U		160,000	0	0	0	0
	Project Total	**160,000**			**160,000**	**0**	**0**	**0**	**0**
	Department Total	**720,000**			**720,000**	**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) 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

Project Number: LB016 **Project Title:** Nichols Library Roof Replacement

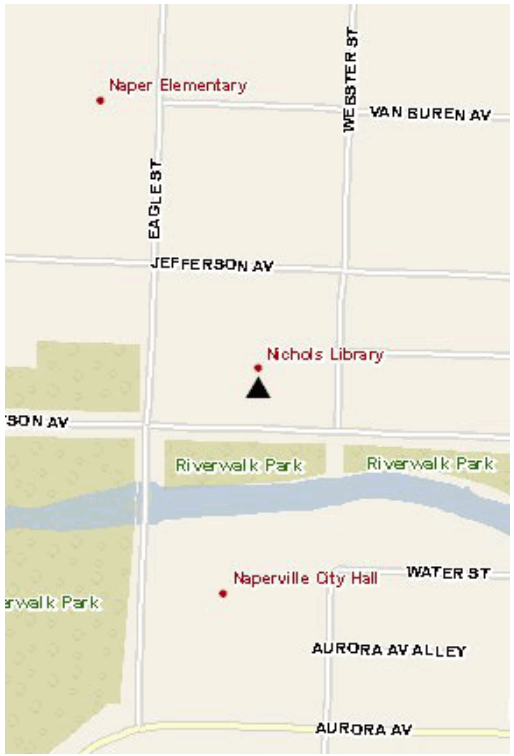
Department Name: Naperville Public Library **CIP Status:** New **Category Code:** A **Sector:** Northwest

Project Purpose: **Criteria** **WF Number:**

To provide funding for replacement of Nichols Library roof. Need

Project Narrative:

Roof Replacement for Nichols Library. This is the original roof for the building that was built in 1986.



External Funding Sources Available

Library Building Reserves

Projected Timetable

Summer 2012

Impact on Operating Budget

None

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Library Building Reserves	250,000	0	0	0	0	250,000
Unfunded Capital	310,000	0	0	0	0	310,000
Subtotal	560,000	0	0	0	0	560,000
					Prior Year(s) Expenditures	0
					Total All Sources	560,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Equip. & Maint.	0	0	0	560,000	0	0	0	0	560,000
Subtotal	0	0	0	560,000	0	0	0	0	560,000
								Prior Year(s) Expenditures	0
								Total Project Cost	560,000

Project Number: LB017 **Project Title:** Naper Blvd. Roof Repair

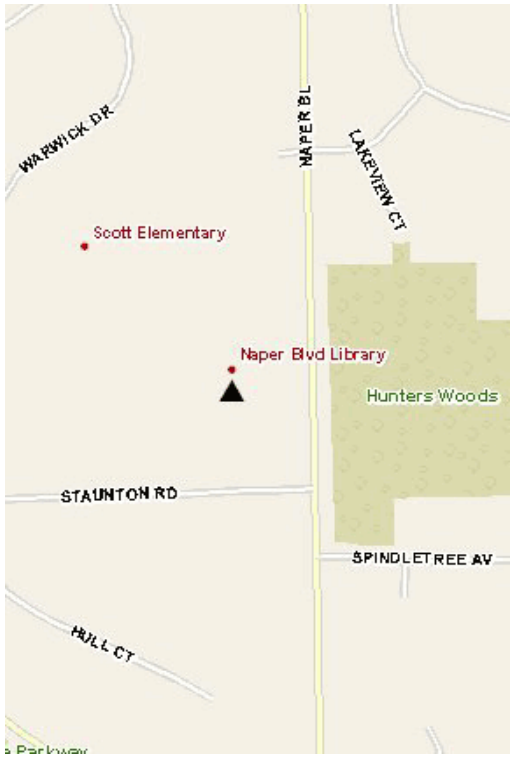
Department Name: Naperville Public Library **CIP Status:** New **Category Code:** A **Sector:** Southeast

Project Purpose: **Criteria** **WF Number:**

To provide funding for repairs of roof of Naper Blvd. Library. Need

Project Narrative:

Roof repairs for Naper Blvd. Library. This is the original roof for the building that was built in 1992.



External Funding Sources Available

Library Building Reserves

Projected Timetable

Summer 2012

Impact on Operating Budget

None

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Unfunded Capital	160,000	0	0	0	0	160,000
Subtotal	160,000	0	0	0	0	160,000
					Prior Year(s) Expenditures	0
					Total All Sources	160,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Equip. & Maint.	0	0	0	160,000	0	0	0	0	160,000
Subtotal	0	0	0	160,000	0	0	0	0	160,000
								Prior Year(s) Expenditures	0
								Total Project Cost	160,000

Police

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

Department: **Police**

Page	WF #	Estimated Total Cost	Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
EQ037		New		In-Car Camera Project				
		250,000	P	250,000	0	0	0	0
	Project Total	**250,000**		**250,000**	**0**	**0**	**0**	**0**
MB169		New		Upgrade to Police Firing Range				
		253,396	U	95,600	157,796	0	0	0
	Project Total	**253,396**		**95,600**	**157,796**	**0**	**0**	**0**
	Department Total	**503,396**		**345,600**	**157,796**	**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) 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

Project Number: EQ037 **Project Title:** In-Car Camera Project

Department Name: Police **CIP Status:** New **Category Code:** LR **Sector:** Various

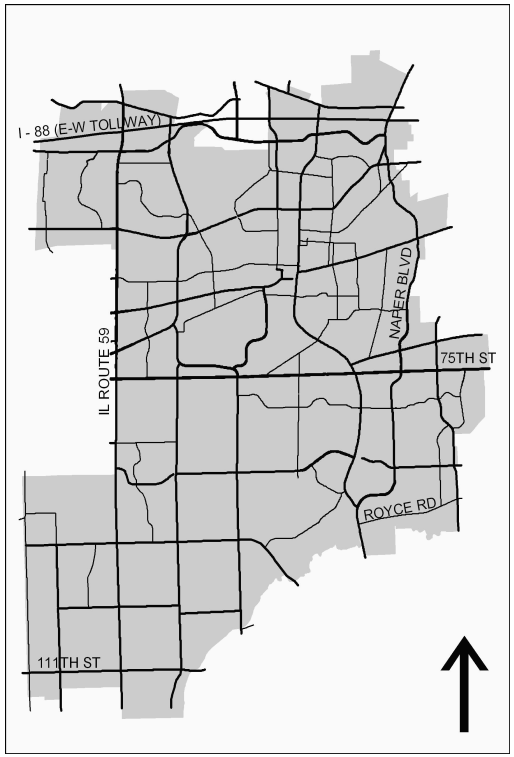
Criteria Risk Management **WF Number:**

Project Purpose:

The purpose of this project is to install in-car digital video equipment in police patrol cars. The goal is to have a means to provide digital video evidence in support of legal prosecution of DUI offenders and additionally as a risk management tool to defend against spurious claims of officer misconduct.

Project Narrative:

The Naperville Police Department is a recognized leader in traffic safety and impaired driving enforcement, as our agency routinely makes more than 650 DUI arrests per year and issues tens of thousands of traffic citiations. Due to prior fiscal constraints, the police department has not pursued the use of digital video recording equipment to produce additional evidentiary documentation in support of these enforcement contacts. In recent discussions with Legal Department staff, it was determined that the DuPage County Judicial System has come to expect this type of evidence to be presented in support of DUI prosecutions and that the absence of such evidence has become a point of contention.



External Funding Sources Available

funded by DUI Technology Fund

Projected Timetable

The equipment will be purchased and installed in FY13. External funding payments will begin with $50K starting in FY13 and ending in FY17.

Impact on Operating Budget

There is no anticipated impact on the operating budget.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Private Contributions	250,000	0	0	0	0	250,000
Subtotal	250,000	0	0	0	0	250,000
					Prior Year(s) Expenditures	0
					Total All Sources	250,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Equip. & Maint.	0	0	0	250,000	0	0	0	0	250,000
Subtotal	0	0	0	250,000	0	0	0	0	250,000
								Prior Year(s) Expenditures	0
								Total Project Cost	250,000

Project Number: MB169 **Project Title:** Upgrade to Police Firing Range

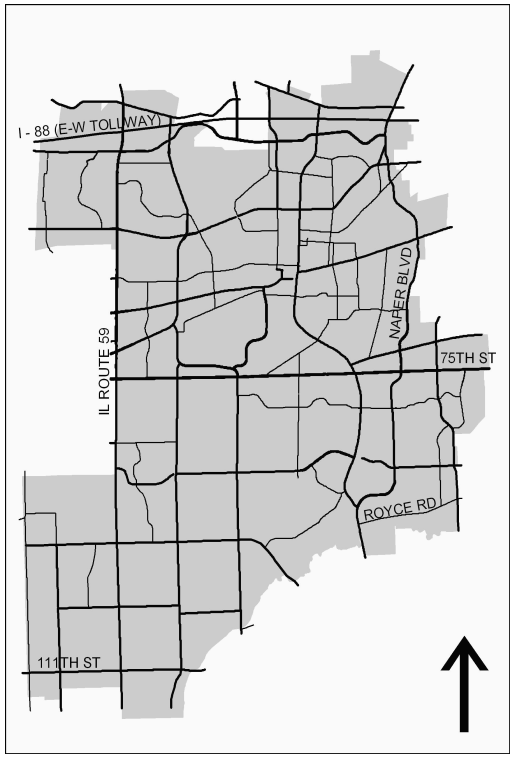
Department Name: Police **CIP Status:** New **Category Code:** A **Sector:** Northwest

Project Purpose: **Criteria** **WF Number:**

The purpose of this project is to upgrade the police department firing range. Risk Management

Project Narrative:

The proposed firing range upgrades consist of two components; impact area upgrades and target system upgrades. Impact area upgrades will facilitate high velocity rifle training for NPD personnel. Target system upgrades will provide increased flexibility in deadly force decision making training, and will replace an aging target system that is obsolete and approaching the status of being irreparable. In addition to the training and safety advantages, cost savings to the city of Naperville are envisioned as result of the proposed range upgrade.



External Funding Sources Available

None

Projected Timetable

This project started in FY12-Ventilation Upgrade cost of $200,800. Implementation for FY13 is Target System Upgrade and for FY14 is Impact Area Upgrade.

Impact on Operating Budget

Reduction of annual maintenance cost estimate from $24,000 to $12,000.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	0	(12,000)	(12,000)	(12,000)	(12,000)	(48,000)
Subtotal	0	(12,000)	(12,000)	(12,000)	(12,000)	(48,000)
					Prior Year(s) Impact	0
					Total Project Impact	(48,000)

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Unfunded Capital	95,600	157,796	0	0	0	253,396
Subtotal	95,600	157,796	0	0	0	253,396
					Prior Year(s) Expenditures	0
					Total All Sources	253,396

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Equip. & Maint.	0	0	0	95,600	157,796	0	0	0	253,396
Subtotal	0	0	0	95,600	157,796	0	0	0	253,396
								Prior Year(s) Expenditures	0
								Total Project Cost	253,396

DPU-Electric

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

Department: **Public Utilities - Electric**

Page	WF #	Estimated Total Cost	Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
EQ039		New		Security Cameras - Electric Utility				
		482,353	J	56,770	425,583	0	0	0
	Project Total	**482,353**		**56,770**	**425,583**	**0**	**0**	**0**
	Department Total	**482,353**		**56,770**	**425,583**	**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) 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

Project Number: EQ039 **Project Title:** Security Cameras - Electric Utility

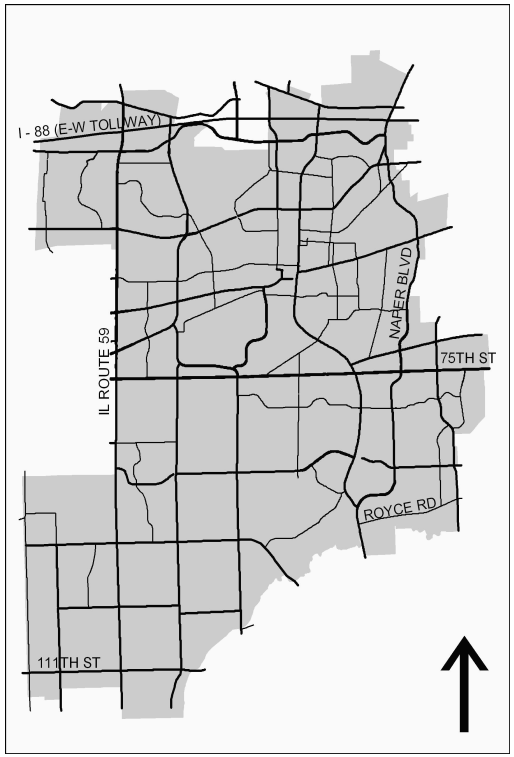
Department Name: Electric **CIP Status:** New **Category Code:** A **Sector:** Various

Project Purpose: **Criteria** **WF Number:**

To enhance security at various Electric sites, new security cameras will be installed at key locations. Technology Projects

Project Narrative:

This project will enhance security at various Electric sites with the addition of new security cameras to be installed at key locations.



External Funding Sources Available

None

Projected Timetable

An RFP will be issued in July of 2012 with the implementation to occur in November of 2012. Another RFP will be issued in July of 2013 and implementation to occur in November of 2013.

Impact on Operating Budget

There will be an additional $4,000 in annual software maintenance costs.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	0	0	4,000	4,000	4,000	12,000
Subtotal	0	0	4,000	4,000	4,000	12,000
					Prior Year(s) Impact	0
					Total Project Impact	12,000

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Electric Utility	56,770	425,583	0	0	0	482,353
Subtotal	56,770	425,583	0	0	0	482,353
					Prior Year(s) Expenditures	0
					Total All Sources	482,353

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Equip. & Maint.	0	0	0	56,770	425,583	0	0	0	482,353
Subtotal	0	0	0	56,770	425,583	0	0	0	482,353
								Prior Year(s) Expenditures	0
								Total Project Cost	482,353

DPU-Water

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

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

Page	WF #	Estimated Total Cost	Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
WWU39	TBD	New		SWRC - Influent Headworks Upgrades & Improvements				
		124,334	F	124,334	0	0	0	0
		248,666	W	248,666	0	0	0	0
	Project Total	**373,000**		**373,000**	**0**	**0**	**0**	**0**
	Department Total	**373,000**		**373,000**	**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) 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

Project Number: WWU39 **Project Title:** SWRC - Influent Headworks Upgrades & Improvements

Department Name: Water/ Wastewater **CIP Status:** New **Category Code:** A **Sector:** Southeast

Project Purpose:

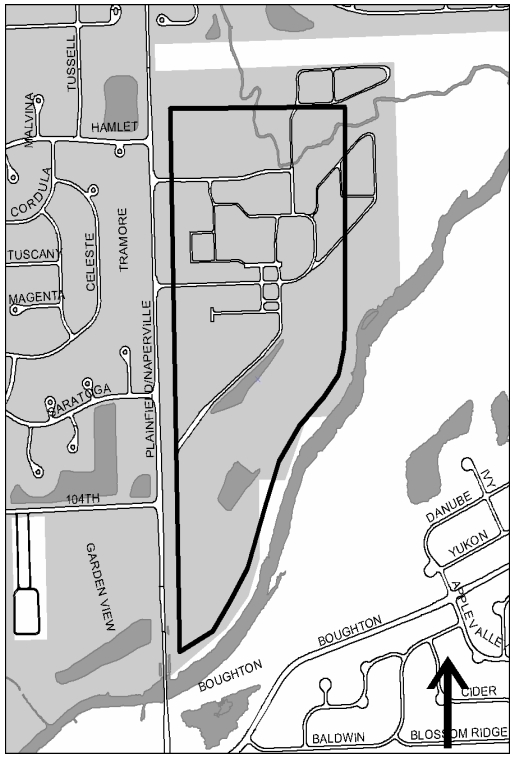
This project supports Naperville's commitment to provide essential services to the residents.

Criteria Age-related Infrastructure Renewal

WF Number: TBD

Project Narrative:

The Influent Headworks at Springbrook Water Reclamation Plant includes removal and replacement of the existing three bar screens and two screenings washers to remove rocks, rags, large grit and other debris from the influent flow. Due to the 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 is currently damaged and is at the end of its economic service life.



External Funding Sources Available

None

Projected Timetable

Engineering and Construction scheduled for FY12-13.

Impact on Operating Budget

No additional personnel; Nominal Operating and Maintenance expenses anticipated.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Water Utility	124,334	0	0	0	0	124,334
Unfunded Water	248,666	0	0	0	0	248,666
Subtotal	373,000	0	0	0	0	373,000
					Prior Year(s) Expenditures	0
					Total All Sources	373,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	0	0	0	350,000	0	0	0	0	350,000
Engineering	0	0	0	23,000	0	0	0	0	23,000
Subtotal	0	0	0	373,000	0	0	0	0	373,000
								Prior Year(s) Expenditures	0
								Total Project Cost	373,000

Public Works

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

Department: **Public Works**

Page	WF #	Estimated Total Cost	Funding Source		FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
EQ038		New		Salt Conveyor System Replacement					
		206,000	U		0	206,000	0	0	0
	Project Total	**206,000**			**0**	**206,000**	**0**	**0**	**0**
MB172		New		HVAC System Replacement - Fire Station #7/Emergency Operations Center (EOC)					
		50,000	U		50,000	0	0	0	0
	Project Total	**50,000**			**50,000**	**0**	**0**	**0**	**0**
MB173		New		Pedestrian Tunnel Roof Leak Repairs					
		67,500	N		67,500	0	0	0	0
	Project Total	**67,500**			**67,500**	**0**	**0**	**0**	**0**
MB176		New		Municipal Center Roof Replacement					
		377,046	U		0	0	0	0	377,046
	Project Total	**377,046**			**0**	**0**	**0**	**0**	**377,046**
MB177		New		Building Access Control Upgrade					
		97,000	U		97,000	0	0	0	0
	Project Total	**97,000**			**97,000**	**0**	**0**	**0**	**0**
	Department Total	**797,546**			**214,500**	**206,000**	**0**	**0**	**377,046**

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) 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

Project Number: EQ038 **Project Title:** Salt Conveyor System Replacement

Department Name: Public Works **CIP Status:** New **Category Code:** A **Sector:** Various

Project Purpose: **Criteria** **WF Number:**

This project supports the City's Strategic Plan through City Services, Residential Life, and Transportation Need

Project Narrative:

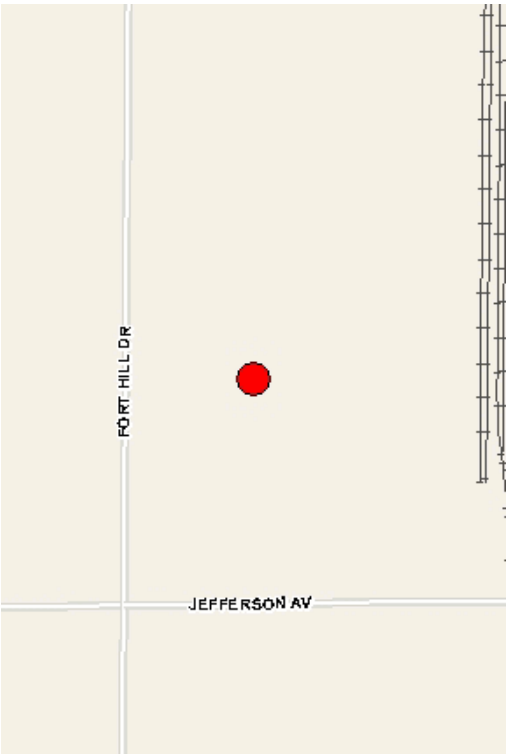
This project seeks to replace the portable salt conveyor at the City's Compost site with a permanent salt conveyor system. This project will include the construction of a pit and conveyor system. The current portable conveyor was purchased in 1996 and has as estimated lifespan of 10-12 years. The conveyor has had major repairs and replacements over the past several years including; the conveyor belt three times, the main bearings three times, the driveshaft four times, the main rollers two times and the main hydraulic hose one time. The replacement of the conveyor will allow Public Works to maximize the capacity of the salt dome at the Compost site. The dome has a capacity of approximately 6,000 tons of salt, however without a functioning conveyor system, the dome can only be filled by endloaders to approximately 45-55% of its capacity, which decreases the readiness of Public Works for winter operations.

External Funding Sources Available

Projected Timetable

Impact on Operating Budget

Have spent $14,000 on repairs over the past 5 years. Replacement will reduce annual repair cost by approximately $2,800



Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	0	(2,800)	(2,800)	(2,800)	(2,800)	(11,200)
Subtotal	0	(2,800)	(2,800)	(2,800)	(2,800)	(11,200)
					Prior Year(s) Impact	0
					Total Project Impact	(11,200)

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	0	0	0	0	206,000	0	0	0	206,000
Subtotal	0	0	0	0	206,000	0	0	0	206,000
								Prior Year(s) Expenditures	0
								Total Project Cost	206,000

Project Number: MB172 **Project Title:** HVAC System Replacement - Fire Station #7/Emergency Operations Center (EOC)

Department Name: Public Works **CIP Status:** New **Category Code:** A **Sector:** Northeast

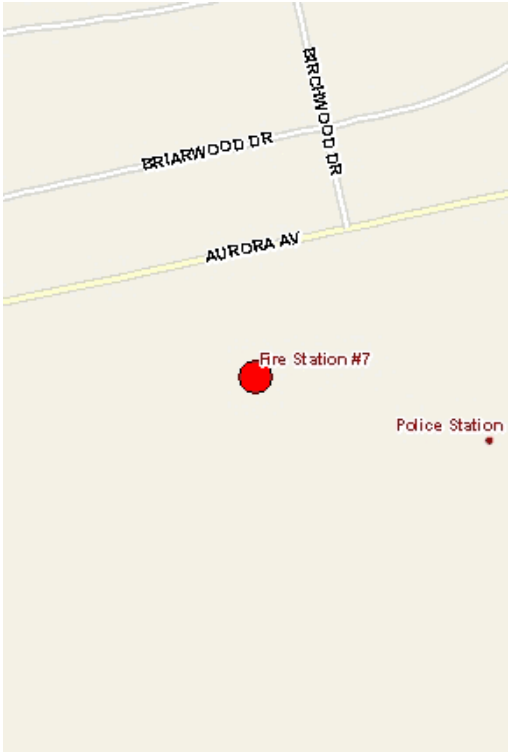
Project Purpose: **Criteria** **WF Number:**

This project supports the City's Strategic Plan through City Services and Residential Life

Need

Project Narrative:

The Heating, Ventilation and Air Conditioning (HVAC) system is the original heating and air conditioning system of Fire Station #7/Emergency Operations Center (EOC) built in 1991. The unit will have been in service for 21 years and has exceeded its service life expectancy of 15 years by 40%. In the past few years City staff has replaced major components, such as the compressor, condenser and fan and the humidifier. The current components are compatible only with R-22 refrigerant, which is being phased out by the EPA and will be difficult to obtain in the future.



External Funding Sources Available

Projected Timetable

Impact on Operating Budget

Will reduce annual maintenance costs

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	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: MB173 **Project Title:** Pedestrian Tunnel Roof Leak Repairs

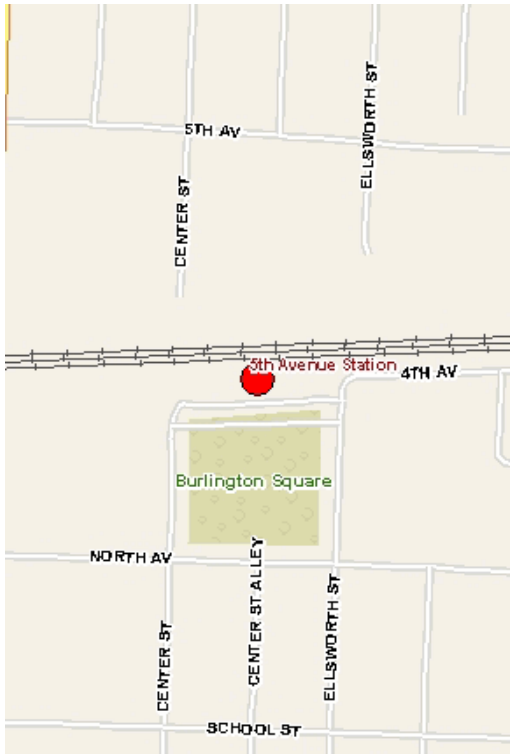
Department Name: Public Works **CIP Status:** New **Category Code:** A **Sector:** Northwest

Project Purpose: **Criteria** **WF Number:**

Project supports the Strategic Plan through City Services, Residential Life and Transportation Need

Project Narrative:

This project seeks to solve a recurring water leak at the pedestrian tunnel underpass at the Burlington Train Station. This leak has been the source of concern and several personal injury claims. Previous efforts to seal the perceived origin of the water leak have been made and have slightly improved the situation, but not entirely corrected the leak problem. The water, which follows a conduit into the tunnel, could be eliminated by abandoning the conduit trail and rerouting that facility from another utility source. City staff will review options with engineering consultants and implement the most cost effective measure to eliminate this water leak and its implications on public safety.



External Funding Sources Available

Projected Timetable

Spring of FY12-13: Work with engineering consultant to review options

Summer of FY12-13: Conduct work

Impact on Operating Budget

No impact on operating budget.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Commuter Parking Fund	67,500	0	0	0	0	67,500
Subtotal	67,500	0	0	0	0	67,500
					Prior Year(s) Expenditures	0
					Total All Sources	67,500

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	0	0	0	62,500	0	0	0	0	62,500
Consultant	0	0	0	5,000	0	0	0	0	5,000
Subtotal	0	0	0	67,500	0	0	0	0	67,500
								Prior Year(s) Expenditures	0
								Total Project Cost	67,500

Project Number: MB176 **Project Title:** Municipal Center Roof Replacement

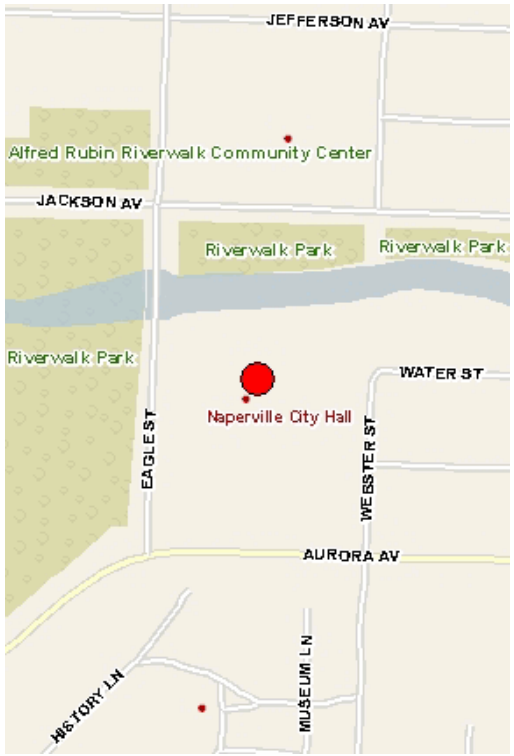
Department Name: Public Works **CIP Status:** New **Category Code:** B **Sector:** Northeast

Project Purpose: **Criteria** **WF Number:**

The project supports the City's Strategic Plan through Residential Life & City Services Need

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. This project was moved from project MB161.



External Funding Sources Available

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

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	0	0	0	0	(2,625)	(2,625)
Subtotal	0	0	0	0	(2,625)	(2,625)
					Prior Year(s) Impact	0
					Total Project Impact	(2,625)

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Unfunded Capital	0	0	0	0	377,046	377,046
Subtotal	0	0	0	0	377,046	377,046
					Prior Year(s) Expenditures	0
					Total All Sources	377,046

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	0	0	0	0	0	0	0	371,418	371,418
Consultant	0	0	0	0	0	0	0	5,628	5,628
Subtotal	0	0	0	0	0	0	0	377,046	377,046
								Prior Year(s) Expenditures	0
								Total Project Cost	377,046

Project Number: MB177 **Project Title:** Building Access Control Upgrade

Department Name: Public Works **CIP Status:** New **Category Code:** B **Sector:** Various

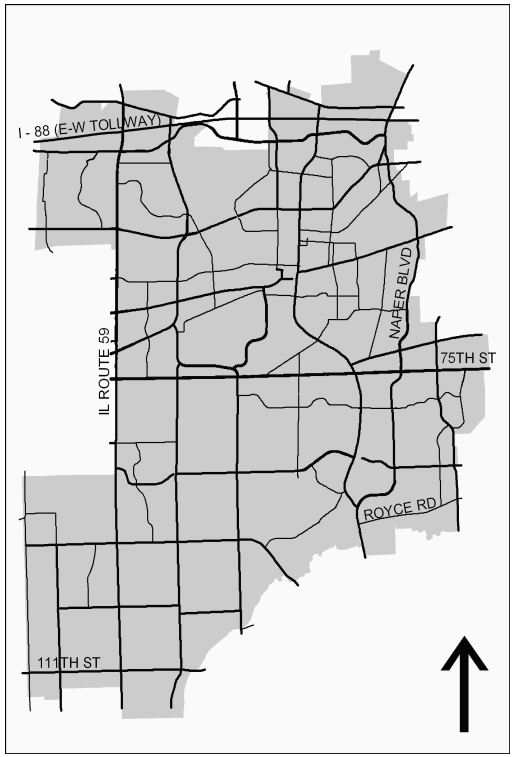
Project Purpose: **Criteria** **WF Number:**

The project supports the City's Strategic Plan through Residential Life & City Services Need

Project Narrative:

The City has the IDenticard Security System for controlling access to all City buildings. The system will be out of support in the next fiscal year and requires an upgrade with an estimated cost of $87,000, which includes a one-year warranty, software and a hardware (panel) change out. Staff believes, through discussion with other vendors, that now is the appropriate time to consider other building security systems. The IDenticard Security System limits the maintenance service providers, which leaves the City in a vulnerable position in relation to repair costs. There appears to be several common security systems on the market with options to pay a monthly maintenance service fee. We also want to explore options for a system that will allow us to perform in-house maintenance to reduce costs and improve response time. This CIP request includes $10,000 for a consultant review and assist in the development of our final

External Funding Sources Available



Projected Timetable

Conduct assessment in Spring of 2012 and the upgrade in Fall/Winter of 2012

Impact on Operating Budget

Potential to reduce monthly maintenance service fee

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Unfunded Capital	97,000	0	0	0	0	97,000
Subtotal	97,000	0	0	0	0	97,000
					Prior Year(s) Expenditures	0
					Total All Sources	97,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	0	0	0	87,000	0	0	0	0	87,000
Consultant	0	0	0	10,000	0	0	0	0	10,000
Subtotal	0	0	0	97,000	0	0	0	0	97,000
								Prior Year(s) Expenditures	0
								Total Project Cost	97,000

Riverwalk

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

Department: **Riverwalk**

Page	WF #	Estimated Total Cost	Funding Source		FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
PA043		New		Elevator Replacement in the Moser Tower					
		163,909	U		0	0	0	163,909	0
	Project Total	**163,909**			**0**	**0**	**0**	**163,909**	**0**
PA044		New		Construct/Replace Retaining Walls on West Extension					
		244,007	U		0	0	244,007	0	0
	Project Total	**244,007**			**0**	**0**	**244,007**	**0**	**0**
	Department Total	**407,916**			**0**	**0**	**244,007**	**163,909**	**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) 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

Project Number: PA043 **Project Title:** Elevator Replacement in the Moser Tower

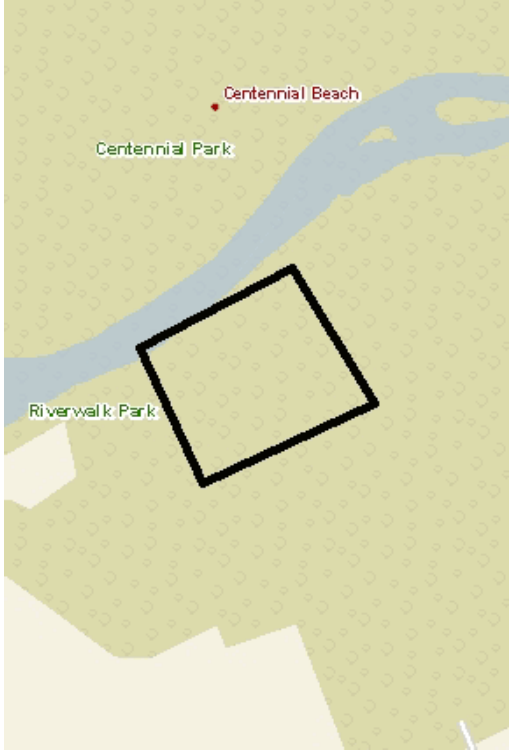
Department Name: Riverwalk **CIP Status:** New **Category Code:** B **Sector:** Northwest

Project Purpose: **Criteria** Need **WF Number:**

This project supports the implementation of the Riverwalk Maintenance Intergovernmental Agreement 08-018 and the Riverwalk Asset Management Plan.

Project Narrative:

This project addresses the anticipated need to replace the existing elevator which has a life expectancy of approximately ten years. The elevator is starting to show indicators of failure.



External Funding Sources Available

None

Projected Timetable

This project was moved up from FY 17. Replacement of the existing elevator is scheduled for FY 16. 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

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Unfunded Capital	0	0	0	163,909	0	163,909
Subtotal	0	0	0	163,909	0	163,909
					Prior Year(s) Expenditures	0
					Total All Sources	163,909

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	0	0	0	0	0	0	163,909	0	163,909
Subtotal	0	0	0	0	0	0	163,909	0	163,909
								Prior Year(s) Expenditures	0
								Total Project Cost	163,909

Project Number: PA044 **Project Title:** Construct/Replace Retaining Walls on West Extension

Department Name: Riverwalk **CIP Status:** New **Category Code:** B **Sector:** Northwest

Project Purpose: **Criteria** **WF Number:**

This project supports the Riverwalk Asset Management Plan and Development Guidelines. Need

Project Narrative:

There are several retaining walls west of Eagle Street that are constructed with a variety of materials. Many of them appear to be stressed and/or failing. This project addresses the repair and/or reconstruction of the walls. It is dependent on the results of PA042 which focuses on a core study of this area.

External Funding Sources Available

None

Projected Timetable

A core study is being done on the walls per PA042 in FY 2013. The replacement and/or reconstruction is dependent on the results from the core study and is scheduled for FY 2015.

Impact on Operating Budget

None

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Unfunded Capital	0	0	244,007	0	0	244,007
Subtotal	0	0	244,007	0	0	244,007
					Prior Year(s) Expenditures	0
					Total All Sources	244,007

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	0	0	0	0	0	244,007	0	0	244,007
Subtotal	0	0	0	0	0	244,007	0	0	244,007
								Prior Year(s) Expenditures	0
								Total Project Cost	244,007

TED

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

Department: **Transportation, Engineering & Development**

Page	WF #	Estimated Total Cost	Funding Source		FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
CS011		New		Van Buren Parking Lot Pedestrian Connection					
		61,800	E		0	61,800	0	0	0
	Project Total	**61,800**			**0**	**61,800**	**0**	**0**	**0**
CS012		New		Paw Paw Lot Pedestrian Connection					
		65,000	E		65,000	0	0	0	0
	Project Total	**65,000**			**65,000**	**0**	**0**	**0**	**0**
MB117	(none)	New		Central Park Master Plan Improvements					
		1,003,507	CF		0	82,400	53,045	327,818	540,244
	Project Total	**1,003,507**			**0**	**82,400**	**53,045**	**327,818**	**540,244**
MP018		New		ADA Sidewalk Improvements					
		243,457	G		28,000	51,500	53,045	54,636	56,275
		184,543	U		0	48,500	46,955	45,363	43,725
	Project Total	**428,000**			**28,000**	**100,000**	**100,000**	**100,000**	**100,000**
TC217		New		Centralized Traffic Management System					
		973,556	G		0	82,400	891,156	0	0
		243,389	U		0	20,600	222,789	0	0
	Project Total	**1,216,945**			**0**	**103,000**	**1,113,945**	**0**	**0**
TC218		New		95th Street and Knoch Knolls Road Traffic Signal					
		154,500	G		0	154,500	0	0	0
		189,500	U		35,000	154,500	0	0	0
	Project Total	**344,000**			**35,000**	**309,000**	**0**	**0**	**0**
	Department Total	**3,119,253**			**128,000**	**656,200**	**1,266,990**	**427,818**	**640,245**

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) 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

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

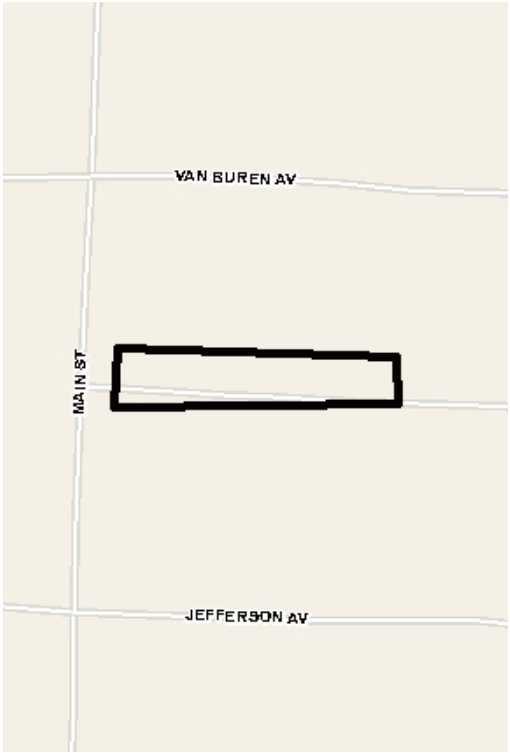
Department Name: Transportation, Engineering & Development **CIP Status:** New **Category Code:** C **Sector:** Northwest

Project Purpose: **Criteria** Need **WF Number:**

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 and create sidewalk access to the rear entrances of the properties on Jefferson Street. Depending upon the alignment selected, sidewalk easements from up to nine (9) properties may be necessary to implement this project. NOTE: This work is anticipated to be coordinated with Van Buren Parking Lot resurfacing in 2013.



External Funding Sources Available

None.

Projected Timetable

Construction in FY13-14.

Impact on Operating Budget

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

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	0	0	32	32	32	96
Subtotal	0	0	32	32	32	96
					Prior Year(s) Impact	0
					Total Project Impact	96

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
SSA Fund	0	61,800	0	0	0	61,800
Subtotal	0	61,800	0	0	0	61,800
					Prior Year(s) Expenditures	0
					Total All Sources	61,800

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	0	0	0	0	61,800	0	0	0	61,800
Subtotal	0	0	0	0	61,800	0	0	0	61,800
								Prior Year(s) Expenditures	0
								Total Project Cost	61,800

Project Number: CS012 **Project Title:** Paw Paw Lot Pedestrian Connection

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

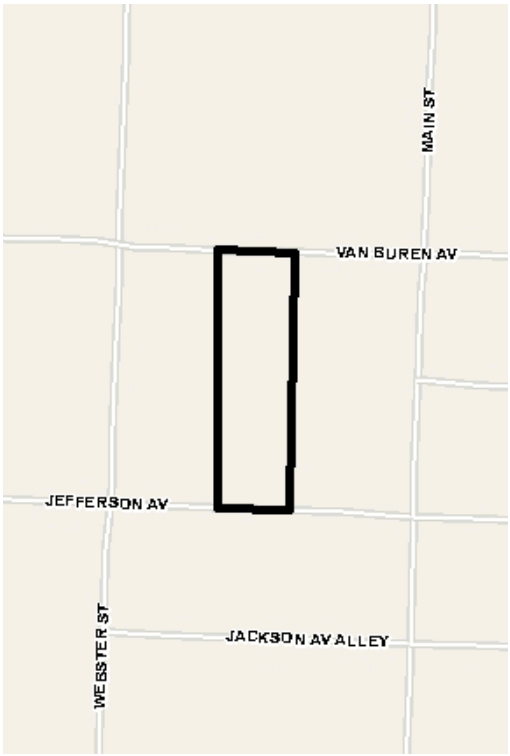
Criteria Need **WF Number:**

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 of the installation of a dedicated north-south pedestrian connection through the existing Paw Paw surface parking lot improving connectivity between Van Buren Avenue and Jefferson Street. NOTE: This work is anticipated to be coordinated with Paw Paw Parking Lot resurfacing in 2012.



External Funding Sources Available

None.

Projected Timetable

Construction in FY12-13.

Impact on Operating Budget

This project will result in additional annual maintenance costs in the amount of $50 for the sidewalk.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	0	50	50	50	50	200
Subtotal	0	50	50	50	50	200
					Prior Year(s) Impact	0
					Total Project Impact	200

Funding Source Summary

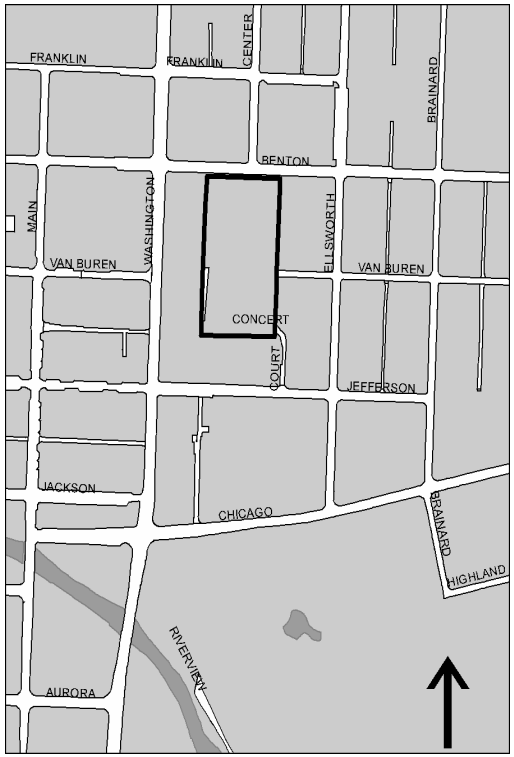
Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
SSA Fund	65,000	0	0	0	0	65,000
Subtotal	65,000	0	0	0	0	65,000
					Prior Year(s) Expenditures	0
					Total All Sources	65,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	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: MB117 **Project Title:** Central Park Master Plan Improvements
Department Name: Transportation, Engineering & Development **CIP Status:** New **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: Improvements have been programmed in accordance with the timetable provided in the Master Plan.



External Funding Sources Available
Special Events & Cultural Ammenities Fund

Projected Timetable
Washington Street entrance in FY13-14. Water and electrical upgrades in FY14-15. Public restrooms in FY15-16. Sidewalk, landscaping and stormwater detention in FY16-17. Roadway/parking reconfiguration in FY17-18.

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

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Special Events and Cultural Ameni	0	82,400	53,045	327,818	540,244	1,003,507
Subtotal	0	82,400	53,045	327,818	540,244	1,003,507
					Prior Year(s) Expenditures	7,891
					Total All Sources	1,011,398

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	6,783	0	0	0	82,400	53,045	327,818	540,244	1,003,507
Engineering	1,108	0	0	0	0	0	0	0	0
Subtotal	7,891	0	0	0	82,400	53,045	327,818	540,244	1,003,507
								Prior Year(s) Expenditures	7,891
								Total Project Cost	1,011,398

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

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

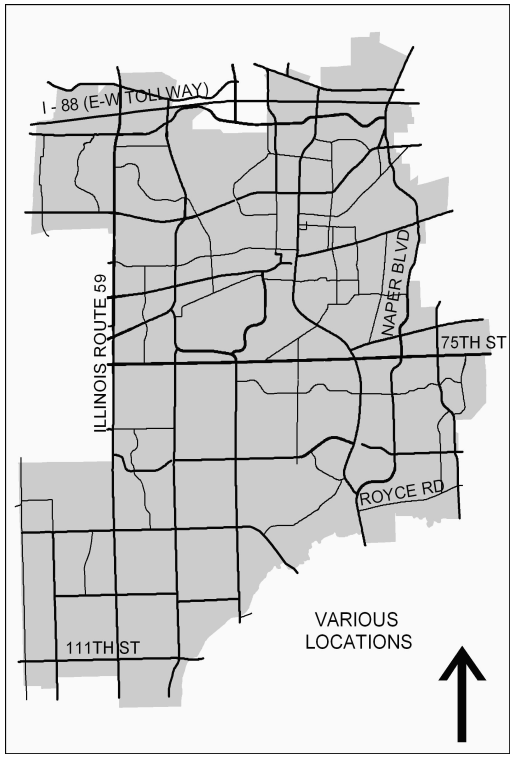
Criteria Need **WF Number:**

Project Purpose:

This project supports the implementation of the Pedestrian component of the Comprehensive Transportation Plan. FUNCTION(S): Preservation, Bicycle and Pedestrian, 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 renew the city's previously successful utilization of funding supplemented by community development block grant funds to implement ADA sidewalk improvements in specific focus areas. 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. NOTE: Work in FY 12-13 is proposed to perform sidewalk conformance work at the signalized intersection of Chicago and Washington and Benton and Washington to install audible pedestrian signal improvements.



External Funding Sources Available

Community Development Block Grant funding

Projected Timetable

Construction in FY12-13, and the establishment of an annual program for FY 14-17.

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

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	200	400	600	800	1,000	3,000
Subtotal	200	400	600	800	1,000	3,000
					Prior Year(s) Impact	0
					Total Project Impact	3,000

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Other Government	28,000	51,500	53,045	54,636	56,275	243,457
Unfunded Capital	0	48,500	46,955	45,363	43,725	184,543
Subtotal	28,000	100,000	100,000	100,000	100,000	428,000
					Prior Year(s) Expenditures	0
					Total All Sources	428,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	0	0	0	28,000	100,000	100,000	100,000	100,000	428,000
Subtotal	0	0	0	28,000	100,000	100,000	100,000	100,000	428,000
								Prior Year(s) Expenditures	0
								Total Project Cost	428,000

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

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

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

Project Purpose:

This project supports the implementation of the Intelligent Transportation Systems component of the Comprehensive Transportation Plan. It also supports the goals of the countywide Transportation Coordination Initiative. FUNCTION: Reduce Congestion.

Project Narrative:

This project consists of installing new centralized traffic signal management software, connecting the three city maintained traffic signal systems along Washington Street with 2.4 miles of fiber optic cable, and upgrade the existing signal cabinets to replace the existing dial up system with ethernet communications. This system will allow virtual connectivity with the City of Aurora's existing traffic management system and DuPage County. In addition, the system will provide the capability to leverage the existing fiber network, create additional operating efficiencies in the signal corridors, respond to maintenance issues more quickly and add new features such as real time traffic monitoring and intersection video monitoring. Later phases will be added to integrate additional signal corridors. This project is dependent upon the acquisition of outside funding.

External Funding Sources Available

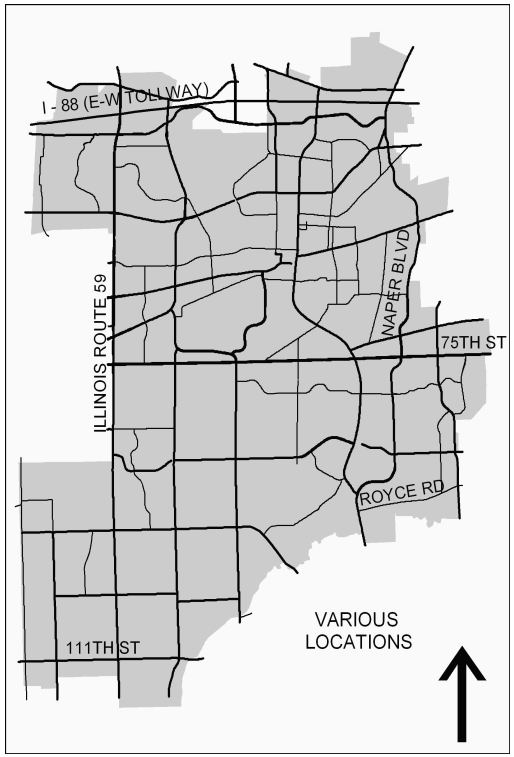
Congestion Mitigation and Air Quality Funding (Federal)

Projected Timetable

Design Engineering in FY13-14. Construction in FY14-15.

Impact on Operating Budget

The new traffic signal will add annual traffic signal and software maintenance by $18,500.



Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	0	18,500	18,500	18,500	18,500	74,000
Subtotal	0	18,500	18,500	18,500	18,500	74,000
					Prior Year(s) Impact	0
					Total Project Impact	74,000

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Other Government	0	82,400	891,156	0	0	973,556
Unfunded Capital	0	20,600	222,789	0	0	243,389
Subtotal	0	103,000	1,113,945	0	0	1,216,945
					Prior Year(s) Expenditures	0
					Total All Sources	1,216,945

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	0	0	0	0	0	1,007,855	0	0	1,007,855
Engineering	0	0	0	0	103,000	106,090	0	0	209,090
Subtotal	0	0	0	0	103,000	1,113,945	0	0	1,216,945
								Prior Year(s) Expenditures	0
								Total Project Cost	1,216,945

Project Number: TC218 **Project Title:** 95th Street and Knoch Knolls Road Traffic Signal

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

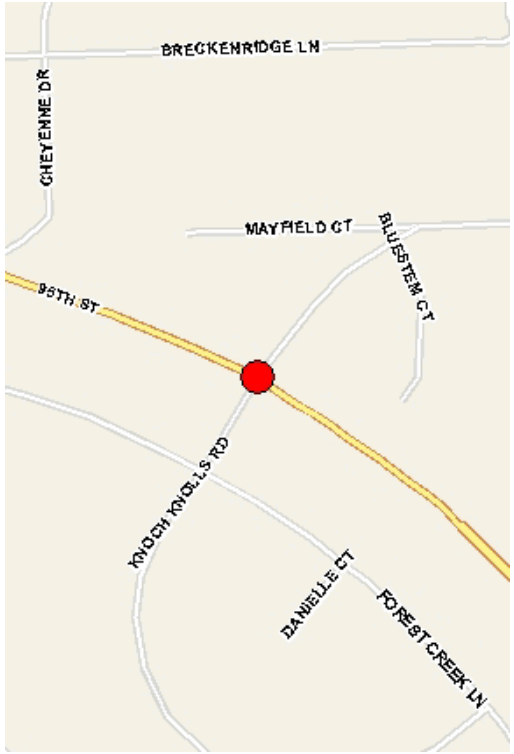
Project Purpose: **Criteria** **WF Number:**

This project supports the implementation of the Traffic Safety component of the Comprehensive Transportation Plan. Need

FUNCTION(S): Safety.

Project Narrative:

The purpose of the project is to design and install a new traffic signal at the intersection of 95th Street and Knoch Knolls Road. The intersection is currently controlled by an all-way stop, and will remain an all-way stop when the 95th Street Extension (BR017) is opened following construction. It is anticipated that the intersection may meet traffic signal warrants a short time after BR017 is completed. Signal installation will be considered when warrants are met and approved by Will County.



External Funding Sources Available

Will County

Projected Timetable

Design Engineering in FY12-13 and Construction in FY13-14.

Impact on Operating Budget

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

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Other Government	0	154,500	0	0	0	154,500
Unfunded Capital	35,000	154,500	0	0	0	189,500
Subtotal	35,000	309,000	0	0	0	344,000
					Prior Year(s) Expenditures	0
					Total All Sources	344,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	0	0	0	0	309,000	0	0	0	309,000
Engineering	0	0	0	35,000	0	0	0	0	35,000
Subtotal	0	0	0	35,000	309,000	0	0	0	344,000
								Prior Year(s) Expenditures	0
								Total Project Cost	344,000

Non-Recurring

Fire

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

Department: **Fire**

Page	WF #	Estimated Total Cost	Funding Source		FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
MB096	(none)	Previous Year - No Change		Training Facility Refurbishment					
		161,787	U		161,787	0	0	0	0
	Project Total	**161,787**			**161,787**	**0**	**0**	**0**	**0**
	Department Total	**161,787**			**161,787**	**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) 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

Project Number: MB096 **Project Title:** Training Facility Refurbishment

Department Name: Fire **CIP Status:** Previous Year - No Change **Category Code:** A **Sector:** Northwest

Project Purpose:

To refurbish and repair the Fire Department training facility.

Criteria **WF Number:** (none)

Strategic Objectives Link

Project Narrative:

Since 1989, the Fire Department has utilized the Fire Training Facility located at Fire Station 4 to provide valuable instruction, practice and reinforcement of the many different psychomotor skill sets required for the provision of efficient and effective fire suppression & rescue services. The facility was scheduled for regular refurbishment in FY09-10. Due to budgetary deficit, the projected was pushed forward into FY11, but was subsequently dropped. The Fire Department proposes this project for FY13. Regular periodic maintenance is necessary to maintain a safe training environment as the building materials degrade quickly due to the rapid heating and cooling associated with the Live Fire training conditions. A structural analysis of the facility was completed in August of 2010. This analysis, completed by a third party, independent contractor, revealed significant degradation to the building exterior and interior.

External Funding Sources Available

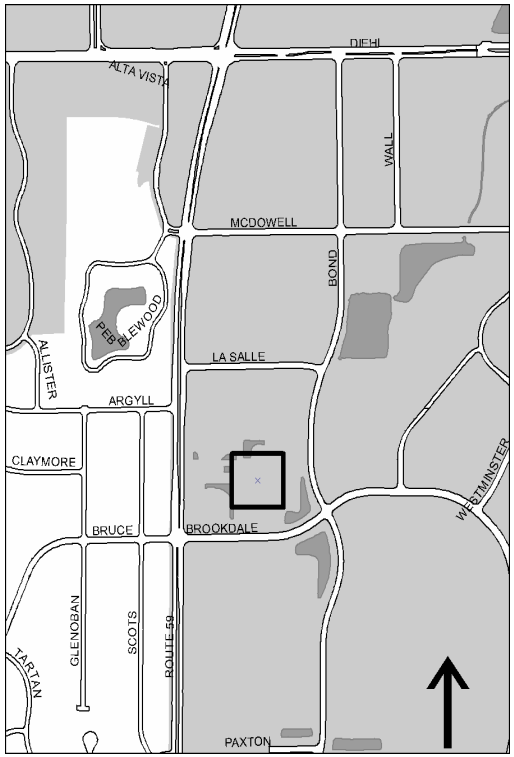
None

Projected Timetable

This project will begin and be completed in FY13.

Impact on Operating Budget

Annual cleaning and maintenance cost of approximately $1,200



Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	1,200	1,200	1,200	1,200	1,200	6,000
Subtotal	1,200	1,200	1,200	1,200	1,200	6,000
					Prior Year(s) Impact	0
					Total Project Impact	6,000

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Unfunded Capital	161,787	0	0	0	0	161,787
Subtotal	161,787	0	0	0	0	161,787
					Prior Year(s) Expenditures	0
					Total All Sources	161,787

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Equip. & Maint.	0	0	0	161,787	0	0	0	0	161,787
Subtotal	0	0	0	161,787	0	0	0	0	161,787
								Prior Year(s) Expenditures	0
								Total Project Cost	161,787

Technology

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

Department: **Information Technology**

Page	WF #	Estimated Total Cost	Funding Source		FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
CE112		Changed - Non Recurring		Disaster Recovery Data Center					
		22,703	F		0	0	22,703	0	0
		34,055	J		0	0	34,055	0	0
		56,758	U		0	0	56,758	0	0
	Project Total	**113,516**			**0**	**0**	**113,516**	**0**	**0**
EG004		Changed - Non Recurring		City Website Redesign					
		24,205	F		0	24,205	0	0	0
		24,205	J		0	24,205	0	0	0
		48,410	U		0	48,410	0	0	0
	Project Total	**96,820**			**0**	**96,820**	**0**	**0**	**0**
MB159		Changed - Non Recurring		Municipal Center Data Center Redesign					
		32,500	A		32,500	0	0	0	0
		15,400	F		15,400	0	0	0	0
		23,100	J		23,100	0	0	0	0
		82,000	Q		82,000	0	0	0	0
	Project Total	**153,000**			**153,000**	**0**	**0**	**0**	**0**
	Department Total	**363,336**			**153,000**	**96,820**	**113,516**	**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) 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

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:**

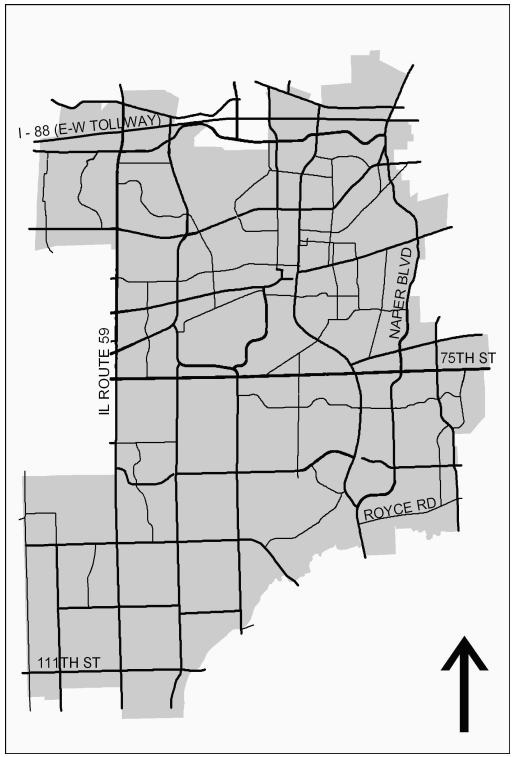
Project Purpose:

To implement a disaster recovery data center utilizing the city's connection to Northern Illinois University's (NIU) network to ensure enterprise-wide data and application availability and enable continuity of service delivery to the city's residents and customers.

Project Narrative:

A remote data center located at a minimum of forty miles from a primary data center is a common business practice required to ensure the continuity of critical business operations. Connecting through the Northern Illinois University's (NIU) network, the city will place a secondary data storage system and application server in NIU's 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, greatly reducing the recovery time. As the city has become more reliant on technology, the need for improved disaster recovery methodologies has grown significantly. Staff depends on many of the computer systems being available 24/7and if these mission critical applications were not available during a localized or regional disaster, the resulting loss in productivity could be detrimental to any recovery efforts.

External Funding Sources Available



Projected Timetable

Complete Request For Proposal process by 8/25/2014, equipment installation, configuration and testing to be completed by 12/1/2014.

Impact on Operating Budget

Annual maintenance for the hardware and software will be $5,000 a year for the first three years and then rise to $15,000 a year to cover the storage area network hardware. The network connection and co-location charges will be $18,000 per year.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	0	0	0	23,000	23,000	46,000
Subtotal	0	0	0	23,000	23,000	46,000
					Prior Year(s) Impact	0
					Total Project Impact	46,000

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Water Utility	0	0	22,703	0	0	22,703
Electric Utility	0	0	34,055	0	0	34,055
Unfunded Capital	0	0	56,758	0	0	56,758
Subtotal	0	0	113,516	0	0	113,516
					Prior Year(s) Expenditures	0
					Total All Sources	113,516

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Equip. & Maint.	0	0	0	0	0	101,846	0	0	101,846
Operating Expenditure	0	0	0	0	0	11,670	0	0	11,670
Subtotal	0	0	0	0	0	113,516	0	0	113,516
								Prior Year(s) Expenditures	0
								Total Project Cost	113,516

Project Number: EG004 **Project Title:** City Website Redesign

Department Name: Information Technology **CIP Status:** Changed - Non Recurring **Category Code:** B **Sector:** Various

Project Purpose:

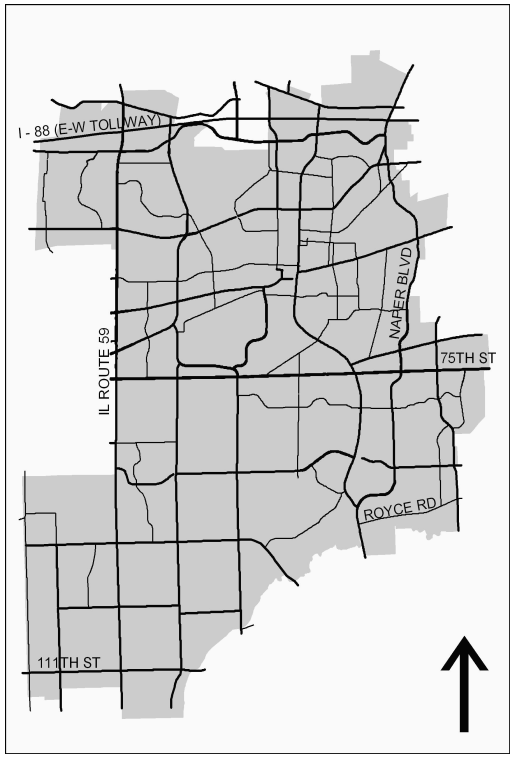
The purpose of this project is to redesign and reorganize the City's website and enable the city to take advantage of new business models for managing the website's content.

Criteria
Medium Priority

WF Number:

Project Narrative:

The city's website has not undergone a redesign and restructuring since 2006. Since the last redesign there have been numerous additions to the functionality of the website, such as a Freedom of Information Act (FOIA) request system, citizen service request system, and electronic meeting agendas. In addition, thousands of pages of new web content providing information on city services have also been added to the city's website. While these enhancements have provided valuable functionality and information to the city's residents and businesses, a redesign is required at this time to ensure that the content and features of the website are meeting the needs of all visitors to the site, including mobile users and those requiring Americans with Disabilities Act (ADA) accommodations.



External Funding Sources Available

None

Projected Timetable

Release RFP and select vendor by October 2013, develop redesign for website by February 2014, migrate content and roll out redesigned website in April 2014.

Impact on Operating Budget

If the City decides to move to an externally hosted website there will be an annual maintenance fee.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	0	0	12,000	12,000	12,000	36,000
Subtotal	0	0	12,000	12,000	12,000	36,000
					Prior Year(s) Impact	0
					Total Project Impact	36,000

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Water Utility	0	24,205	0	0	0	24,205
Electric Utility	0	24,205	0	0	0	24,205
Unfunded Capital	0	48,410	0	0	0	48,410
Subtotal	0	96,820	0	0	0	96,820
					Prior Year(s) Expenditures	0
					Total All Sources	96,820

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Consultant	0	0	0	0	86,520	0	0	0	86,520
Softwr & Maint.	0	0	0	0	10,300	0	0	0	10,300
Subtotal	0	0	0	0	96,820	0	0	0	96,820
								Prior Year(s) Expenditures	0
								Total Project Cost	96,820

Project Number: MB159 **Project Title:** Municipal Center Data Center Redesign

Department Name: Information Technology **CIP Status:** Changed - Non Recurring **Category Code:** A **Sector:** Various

Project Purpose: **Criteria** **WF Number:**

Redesign and optimize the data center located in the Municipal Center to optimize space and HVAC efficiency. High Priority

Project Narrative:

The City's data center, located in the Municipal Center building, was originally designed in the late 1980s to accommodate equipment associated with that time. A redesign of the data center is now required to ensure that the current computer and network equipment is kept at a constant optimal temperature. The current layout of the equipment and duct work in the computer room is causing the cooling systems to be over taxed and to rely on additional cooling capacity from the building's cooling system to maintain a constant temperature. A large fluctuation in the temperature of the computer room can adversely affect the equipment and reduce its service life. The Public Buildings Operation group is working to make some temporary changes to the HVAC system, but a complete redesign of the room is required to configure the equipment in such a way that the cooling capacity is optimized and energy usage is reduced.

External Funding Sources Available

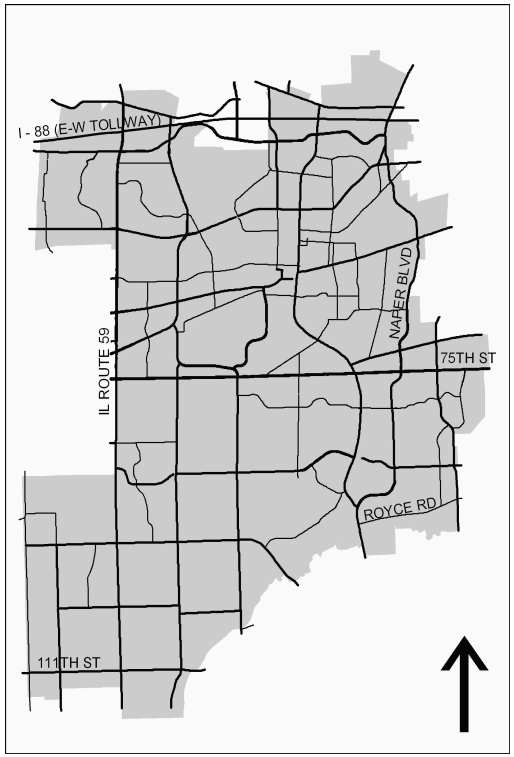
None

Projected Timetable

Complete Request For Proposal process by 6/25/2012, redesign to be completed by 9/1/2012.

Impact on Operating Budget

The redesign will reduce the energy consumption up to 37%, saving the City $4,500 annually. This energy savings will be achieved by relocating the server racks and upgrading the HVAC duct work to improve air flow and by reducing the overall size of the data center.



Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	0	(4,500)	(4,500)	(4,500)	(4,500)	(18,000)
Subtotal	0	(4,500)	(4,500)	(4,500)	(4,500)	(18,000)
					Prior Year(s) Impact	0
					Total Project Impact	(18,000)

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
General Fund	32,500	0	0	0	0	32,500
Water Utility	15,400	0	0	0	0	15,400
Electric Utility	23,100	0	0	0	0	23,100
Equipment Replacement Fund	82,000	0	0	0	0	82,000
Subtotal	153,000	0	0	0	0	153,000
					Prior Year(s) Expenditures	0
					Total All Sources	153,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	0	0	0	98,000	0	0	0	0	98,000
Equip. & Maint.	0	0	0	55,000	0	0	0	0	55,000
Subtotal	0	0	0	153,000	0	0	0	0	153,000
								Prior Year(s) Expenditures	0
								Total Project Cost	153,000

Naper Settlement

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

Department: **Naper Settlement**

Page	WF #	Estimated Total Cost	Funding Source		FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
NS030	(none)	Previous Year - No Change		Landscape Master Restoration Plan					
		65,269	U		0	37,132	0	28,138	0
	Project Total	**65,269**			**0**	**37,132**	**0**	**28,138**	**0**
NS045	(none)	Previous Year - No Change		Sprinkler System Expansion					
		32,782	U		0	0	32,782	0	0
	Project Total	**32,782**			**0**	**0**	**32,782**	**0**	**0**
	Department Total	**98,051**			**0**	**37,132**	**32,782**	**28,138**	**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) 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

Project Number: NS030 **Project Title:** Landscape Master Restoration Plan

Department Name: Naper Settlement **CIP Status:** Previous Year - No Change **Category Code:** B **Sector:** Northwest

Criteria **WF Number:** (none)

Customer Satisfaction, Accreditation, Educational, Environmental Sustainability

Project Purpose:

This project addresses the design of hard and soft scapes which modify or create outdoor interpreted spaces throughout the City's 12-acre museum site. Updated plans are necessary to incorporate site changes, both completed as part of the roadways/stormwater management project and planned through the long-range master site plan.

Project Narrative:

Historically appropriate landscaping was identified through marketing studies and community focus groups as a continuing long-term goal for Naper Settlement. Landscaping provides an important visual and educational element which enhances the experience of the visitor as well as site and space renters. The original plan developed in 2001 addressed 22 specific land parcels, seven of which have been implemented (Mansion, Murray House, Conestoga Wagon, Prairie, Chapel, Annex & Picnic Area, and Meeting House). An update to the existing Master Landscape Plan is needed to coordinate existing site features and future development plans through a synthesized and prioritized approach. This project covers only the landscape architect's designs and specifications for each area; implementation has historically been accomplished through the Heritage Society's private fundraising efforts.

External Funding Sources Available

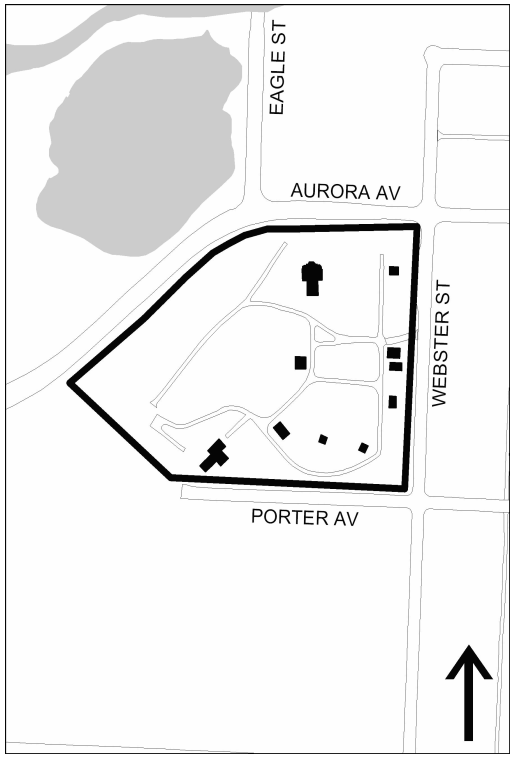
Naperville Heritage Society will seek outside funding for implementation.

Projected Timetable

FY13-14 update to landscape site plan; FYs15-20 landscape planning. The areas planned will be prioritized based on the update developed in FY13-14.

Impact on Operating Budget

Completion of plans will have no immediate operating budget impact. Once designs are implemented operating costs and staff time are expected to increase approximately $12,000 per year. The majority of the cost is maintenance of the gardens.



Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Unfunded Capital	0	37,132	0	28,138	0	65,269
Subtotal	0	37,132	0	28,138	0	65,269
					Prior Year(s) Expenditures	0
					Total All Sources	65,269

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Consultant	0	0	0	0	37,132	0	28,138	0	65,269
Subtotal	0	0	0	0	37,132	0	28,138	0	65,269
								Prior Year(s) Expenditures	0
								Total Project Cost	65,269

Project Number: NS045 **Project Title:** Sprinkler System Expansion

Department Name: Naper Settlement **CIP Status:** Previous Year - No Change **Category Code:** B **Sector:** Northwest

Project Purpose:

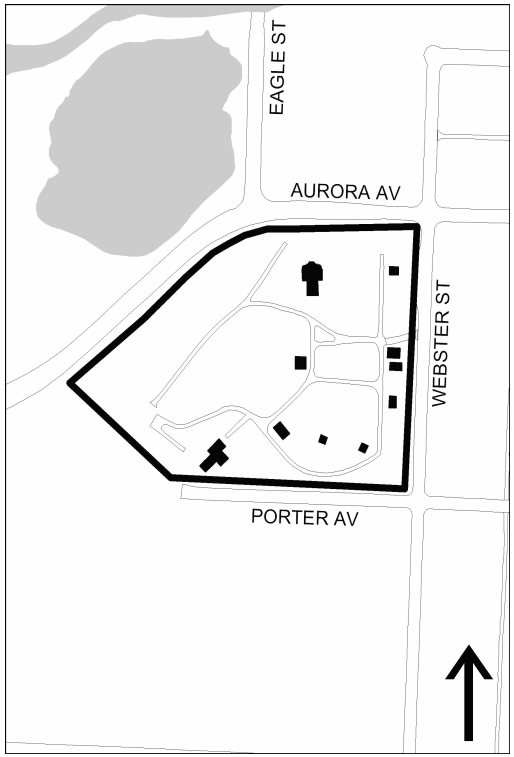
Expand existing lawn sprinkler system to provide efficient watering coverage to highly visible garden and specialty areas.

Criteria **WF Number:** (none)

Cost/Benefit, Operational Efficiency, Customer Satisfaction, Environmental Sustainability

Project Narrative:

This project provides for the installation of expanded sprinkler lines, distribution heads, and controllers in highly visible gardens at key buildings or locations on the museum grounds. 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 is scheduled for FY14-15.



External Funding Sources Available

None

Projected Timetable

Originally planned as a four-year phased approach, the project has been stretched out due to budget constraints. The FY14-15 plan provides coverage for Chapel landscaping, the Murray House yard and the Rose Garden.

Impact on Operating Budget

Decreased water costs of approximately $480 annually per system due to more efficient watering. Sprinkler maintenance costs anticipated to increase $180 for each new system.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	(1,200)	(1,200)	(1,200)	(1,500)	(1,500)	(6,600)
Subtotal	(1,200)	(1,200)	(1,200)	(1,500)	(1,500)	(6,600)
					Prior Year(s) Impact	0
					Total Project Impact	(6,600)

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Unfunded Capital	0	0	32,782	0	0	32,782
Subtotal	0	0	32,782	0	0	32,782
					Prior Year(s) Expenditures	16,351
					Total All Sources	49,133

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	16,351	0	0	0	0	32,782	0	0	32,782
Subtotal	16,351	0	0	0	0	32,782	0	0	32,782
								Prior Year(s) Expenditures	16,351
								Total Project Cost	49,133

DPU-Electric

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

Department: **Public Utilities - Electric**

Page	WF #	Estimated Total Cost	Funding Source		FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
EU69	60373, 60374	Changed - Non Recurring		Bulk Electric Power Supply Metering Installation					
		287,117	J		0	0	63,654	54,636	168,826
	Project Total	**287,117**			**0**	**0**	**63,654**	**54,636**	**168,826**
EU77	Various	Changed - Non Recurring		Smart Grid Initiative Projects					
		694,645	GE		694,645	0	0	0	0
		694,645	J		694,645	0	0	0	0
	Project Total	**1,389,290**			**1,389,290**	**0**	**0**	**0**	**0**
	Department Total	**1,676,407**			**1,389,290**	**0**	**63,654**	**54,636**	**168,826**

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) 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

Project Number: EU69 **Project Title:** Bulk Electric Power Supply Metering Installation

Department Name: Electric **CIP Status:** Changed - Non Recurring **Category Code:** LR **Sector:** Various

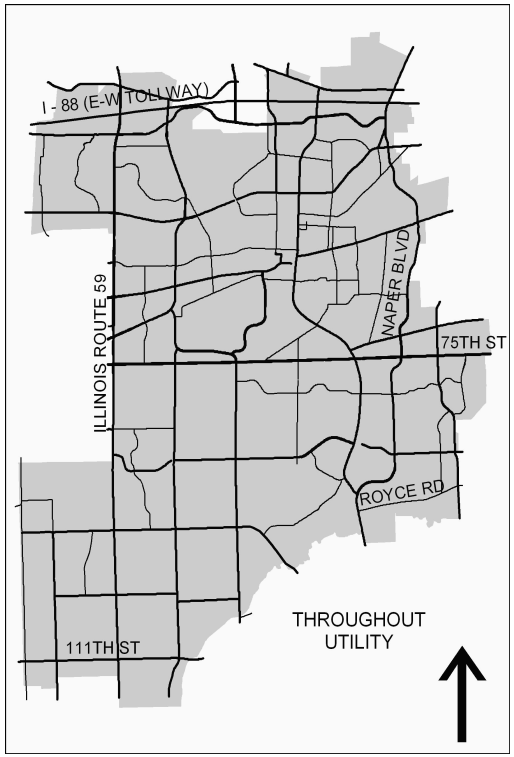
Criteria Legally Required Projects **WF Number:** 60373, 60374

Project Purpose:

Install bulk electric power supply metering equipment to comply with new requirements for electric utilities that purchase wholesale bulk power. This project supports the "City Services" category of the City's "Strategic Plan".

Project Narrative:

This project will fund anticipated bulk power meters required for the wholesale purchase of power. Modifications to contract(s) and changes to Federal guidelines will require this project in the future.



External Funding Sources Available

None

Projected Timetable

To be determined once project is live.

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.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Electric Utility	0	0	63,654	54,636	168,826	287,117
Subtotal	0	0	63,654	54,636	168,826	287,117
					Prior Year(s) Expenditures	180,587
					Total All Sources	467,703

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Benefits	10,798	0	227	0	0	0	0	0	0
Construction	40,669	75,000	24,305	0	0	63,654	54,636	168,826	287,117
Salaries	35,785	0	679	0	0	0	0	0	0
Supplies	68,125	0	0	0	0	0	0	0	0
Subtotal	155,377	75,000	25,210	0	0	63,654	54,636	168,826	287,117
								Prior Year(s) Expenditures	180,587
								Total Project Cost	467,703

Project Number: EU77 **Project Title:** Smart Grid Initiative Projects

Department Name: Electric **CIP Status:** Changed - Non Recurring **Category Code:** A **Sector:** Various

Criteria Technology Projects **WF Number:** Various

Project Purpose:

This project supports the "Strategic Plan's City Services" category by providing reliable service delivery systems using new technologies and innovations. The project involves sub-projects that are determined to be necessary and defined in the recent grant application to the US Department of Energy (USDOE).

Project Narrative:

Project includes installation of intelligent electric infrastructure including advanced customer meters. Customers will be able to view their electric usage online through a secure internet connection. Total project cost is expected to be $22 million. The City's portion of grant awarded in fall, 2009 with matching DOE funds is $11 million with projects to be completed within 3 yrs after grant award. The date of the DOE award by Naperville City Council was April 20, 2010. Contract expires on April 20, 2013.

With this grant awarded, more sub-projects will be added to encompass the breadth of work as declared in the documentation of the initiative. Existing EU50: Advanced Metering Infrastructure (AMI) & EU72: Naperville Asset Management System (NAMS) are also components of the Naperville Smart Grid Initiative, & have been included as sub-projects under this encompassing EU77.

External Funding Sources Available

$10,994,110 federal grant matching funds for SmartGrid EU77.

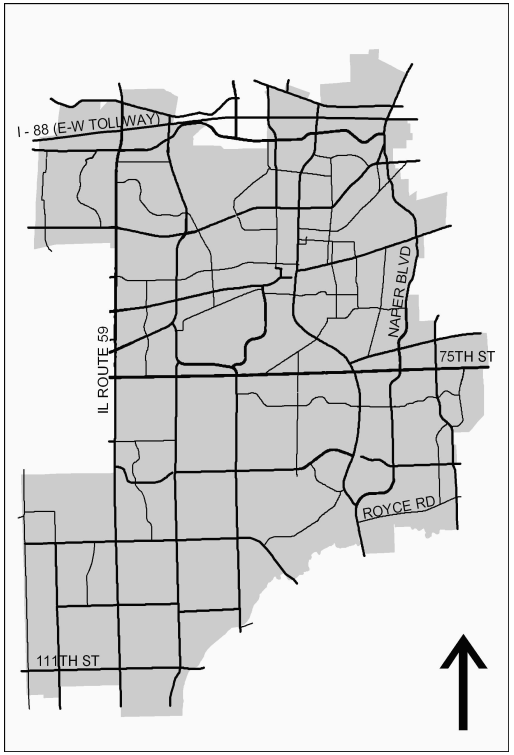
Projected Timetable

Fall 2009: Project initiation, FY10-12: Project implementation

FY13: Project closeout and conversion to operational status

Impact on Operating Budget

Projected Utility net savings based on: 1) Electric meter reading savings, 2) Implementation of Conservation Voltage Reduction Program Savings, and 3) Annual maintenance costs



Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	(225,148)	(403,838)	(1,316,816)	(1,558,736)	(1,575,062)	(5,079,600)
Subtotal	(225,148)	(403,838)	(1,316,816)	(1,558,736)	(1,575,062)	(5,079,600)
					Prior Year(s) Impact	0
					Total Project Impact	(5,079,600)

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Other Government - Enterprise	694,645	0	0	0	0	694,645
Electric Utility	694,645	0	0	0	0	694,645
Subtotal	1,389,290	0	0	0	0	1,389,290
					Prior Year(s) Expenditures	20,598,930
					Total All Sources	21,988,220

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Benefits	116,635	0	13,323	0	0	0	0	0	0
Construction	0	12,218,000	0	1,389,290	0	0	0	0	1,389,290
Salaries	343,105	0	38,785	0	0	0	0	0	0
Services	3,018,812	0	2,047,716	0	0	0	0	0	0
Supplies	4,003,170	0	11,017,384	0	0	0	0	0	0
Subtotal	7,481,723	12,218,000	13,117,207	1,389,290	0	0	0	0	1,389,290
								Prior Year(s) Expenditures	20,598,930
								Total Project Cost	21,988,220

DPU-Water

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

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

Page	WF #	Estimated Total Cost	Funding Source		FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
WU07	TBD	Changed - Non Recurring		Mill Street PAS 15E - Booster Station Addition					
		1,073,539	F		0	0	0	119,107	954,432
	Project Total	**1,073,539**			**0**	**0**	**0**	**119,107**	**954,432**
WU32	TBD	Changed - Non Recurring		Southeast Waterworks Pumps & Controls Replacement					
		624,444	F		667	19,913	341,610	262,254	0
		11,290	W		1,333	9,957	0	0	0
	Project Total	**635,734**			**2,000**	**29,870**	**341,610**	**262,254**	**0**
WWU35	TBD	Changed - Non Recurring		SWRC - Phosphorus Removal - Preliminary Engineering (IEPA Permit Pending Requirement)					
		326,398	F		0	0	0	0	326,398
	Project Total	**326,398**			**0**	**0**	**0**	**0**	**326,398**
WWU36	TBD	Changed - Non Recurring		Treatment Plant - Upgrades & Improvements					
		3,166,615	F		95,000	1,474,960	1,596,655	0	0
		927,480	W		190,000	737,480	0	0	0
	Project Total	**4,094,095**			**285,000**	**2,212,440**	**1,596,655**	**0**	**0**
WWU38	TBD	Changed - Non Recurring		Springbrook Water Reclamation Center - Roadway Improvements					
		68,000	F		68,000	0	0	0	0
		136,000	W		136,000	0	0	0	0
	Project Total	**204,000**			**204,000**	**0**	**0**	**0**	**0**
	Department Total	**6,333,765**			**491,000**	**2,242,310**	**1,938,264**	**381,362**	**1,280,829**

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) 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

Project Number: WU07 **Project Title:** Mill Street PAS 15E - Booster Station Addition

Department Name: Water/ Wastewater **CIP Status:** Changed - Non Recurring **Category Code:** C **Sector:** Northwest

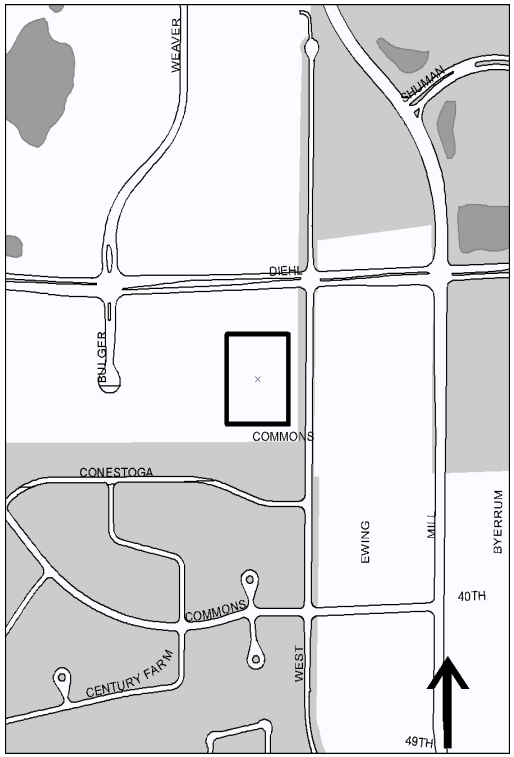
Project Purpose:

This project supports the provision of water service to new customers as a demonstration of Naperville's commitment to provide essential services.

Criteria Growth-related System Demands **WF Number:** TBD

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). Change in project status is due to the change in project scope, eliminating the storage component of the project and associated costs, as well as a change in the projected time table.



External Funding Sources Available

None

Projected Timetable

Engineering planned for FY15-16. Construction scheduled for late FY15-16 but the majority in FY16-17.

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

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Water Utility	0	0	0	119,107	954,432	1,073,539
Subtotal	0	0	0	119,107	954,432	1,073,539
					Prior Year(s) Expenditures	0
					Total All Sources	1,073,539

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	0	0	0	0	0	0	20,762	954,432	975,193
Engineering	0	0	0	0	0	0	98,345	0	98,345
Subtotal	0	0	0	0	0	0	119,107	954,432	1,073,539
								Prior Year(s) Expenditures	0
								Total Project Cost	1,073,539

Project Number: WU32 **Project Title:** Southeast Waterworks Pumps & Controls Replacement

Department Name: Water/ Wastewater **CIP Status:** Changed - Non Recurring **Category Code:** A **Sector:** Southeast

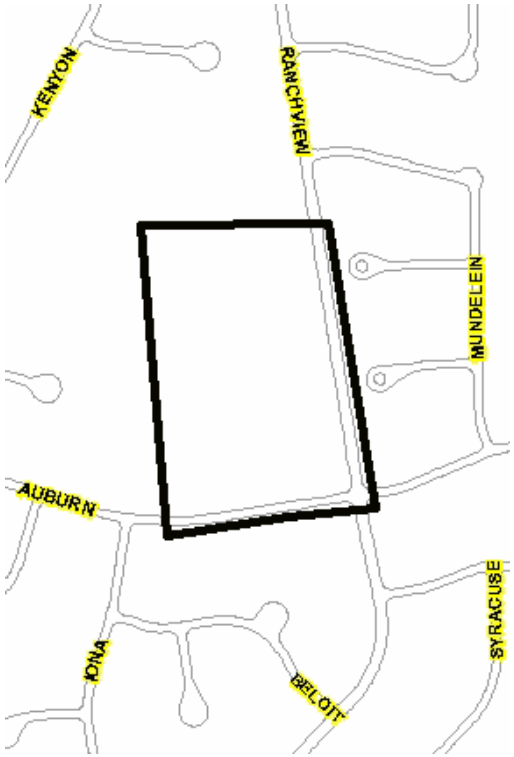
Project Purpose:

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 Growth-related System Demands **WF Number:** TBD

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

None

Projected Timetable

Engineering: FY12-13 and FY13-14; Construction: FY14-15 to FY15-16.

Impact on Operating Budget

No new personnel; Nominal impact on Operations & Maintenance budget.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Water Utility	667	19,913	341,610	262,254	0	624,444
Unfunded Water	1,333	9,957	0	0	0	11,290
Subtotal	2,000	29,870	341,610	262,254	0	635,734
					Prior Year(s) Expenditures	161,938
					Total All Sources	797,672

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Benefits	1,007	0	0	0	0	0	0	0	0
Construction	106,827	2,000	50,527	2,000	2,060	341,610	262,254	0	607,924
Engineering	0	0	0	0	27,810	0	0	0	27,810
Salaries	3,577	0	0	0	0	0	0	0	0
Subtotal	111,411	2,000	50,527	2,000	29,870	341,610	262,254	0	635,734
								Prior Year(s) Expenditures	161,938
								Total Project Cost	797,672

Project Number: WWU35 **Project Title:** SWRC - Phosphorus Removal - Preliminary Engineering (IEPA Permit Pending Requirement)

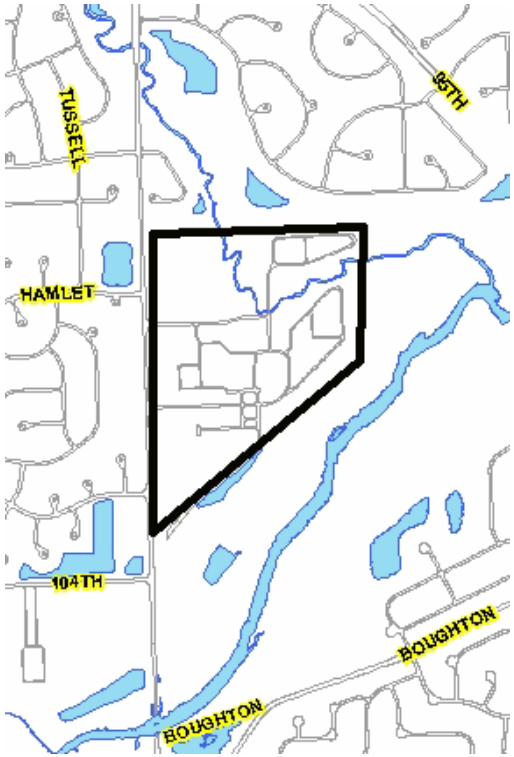
Department Name: Water/ Wastewater **CIP Status:** Changed - Non Recurring **Category Code:** B **Sector:** Southeast

Project Purpose: **Criteria** Mandate **WF Number:** TBD

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:

The City's NPDES (National Pollutant Discharge Elimination System) Permit was renewed by the Illinois EPA in April, 2011. This project anticipates a phosphorus removal (and possibly total nitrogen removal) limit will be written into the next NPDES permit when it's renewed in 5 years. 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 FY16-17 for major modifications to the existing wastewater treatment systems/processes (est: $40 Million), or possibly a complete re-construction of the Springbrook Water Reclamation Plant (est: $90 Million).



External Funding Sources Available

None

Projected Timetable

Preliminary Engineering: FY16-17

Impact on Operating Budget

Nominal Operating & Maintenance-related expenditures anticipated.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Water Utility	0	0	0	0	326,398	326,398
Subtotal	0	0	0	0	326,398	326,398
					Prior Year(s) Expenditures	0
					Total All Sources	326,398

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	0	0	0	0	0	0	0	25,887	25,887
Engineering	0	0	0	0	0	0	0	300,511	300,511
Subtotal	0	0	0	0	0	0	0	326,398	326,398
								Prior Year(s) Expenditures	0
								Total Project Cost	326,398

Project Number: WWU36 **Project Title:** Treatment Plant - Upgrades & Improvements

Department Name: Water/ Wastewater **CIP Status:** Changed - Non Recurring **Category Code:** A **Sector:** Southeast

Project Purpose:

This project supports Naperville's commitment to provide essential services to the residents.

Criteria Age-related Infrastructure Renewal

WF Number: TBD

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

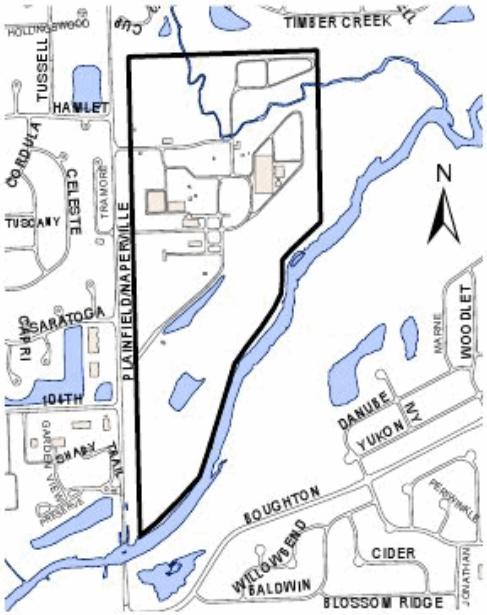
Projected Timetable

Engineering and Construction scheduled annually through FY14-15. Projected budget increase in FY13-14 attributed to anticipated construction scheduling demands.

Impact on Operating Budget

No new personnel; nominal impact on Operations & Maintenance budget.

WWU36
SWRC N. Plant
Upgrades & Improvements



Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Water Utility	95,000	1,474,960	1,596,655	0	0	3,166,615
Unfunded Water	190,000	737,480	0	0	0	927,480
Subtotal	285,000	2,212,440	1,596,655	0	0	4,094,095
					Prior Year(s) Expenditures	138,476
					Total All Sources	4,232,570

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Benefits	2,470	0	1,038	0	0	0	0	0	0
Construction	12,295	0	110,052	35,000	2,192,870	1,586,046	0	0	3,813,916
Engineering	0	267,000	0	250,000	19,570	10,609	0	0	280,179
Salaries	8,529	0	4,093	0	0	0	0	0	0
Subtotal	23,294	267,000	115,182	285,000	2,212,440	1,596,655	0	0	4,094,095
								Prior Year(s) Expenditures	138,476
								Total Project Cost	4,232,570

Project Number: WWU38 **Project Title:** Springbrook Water Reclamation Center - Roadway Improvements

Department Name: Water/ Wastewater **CIP Status:** Changed - Non Recurring **Category Code:** A **Sector:** Southeast

Project Purpose:

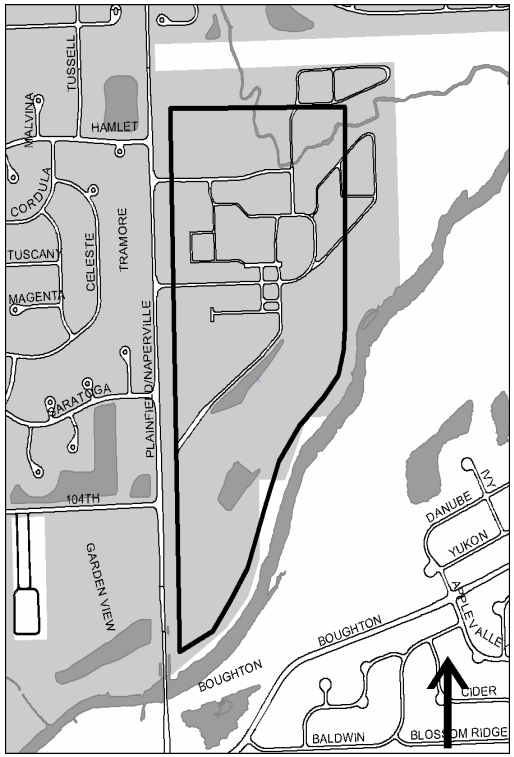
This project supports Naperville's commitment to provide essential services to the residents.

Criteria Age-related Infrastructure Renewal

WF Number: TBD

Project Narrative:

This project proposes the reconstruction/repaving of the deteriorated roadways within the Springbrook Water Reclamation Plant. Historically, annual maintenance of the roadway has been budgeted in the O&M budget but recent excessive biosolids hauling, plant construction, and harsh winters have degraded the condition of the roadway beyond patching and resurfacing. The roadways are necessary to allow for manpower and equipment to maintain plant operations and the removal of residual plant solids.



External Funding Sources Available

None

Projected Timetable

Design/Construction: FY12-13

Impact on Operating Budget

No additional personnel; Nominal Operating and Maintenance expenses anticipated.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Water Utility	68,000	0	0	0	0	68,000
Unfunded Water	136,000	0	0	0	0	136,000
Subtotal	204,000	0	0	0	0	204,000
					Prior Year(s) Expenditures	0
					Total All Sources	204,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	0	0	0	204,000	0	0	0	0	204,000
Subtotal	0	0	0	204,000	0	0	0	0	204,000
								Prior Year(s) Expenditures	0
								Total Project Cost	204,000

Public Works

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

Department: **Public Works**

Page	WF #	Estimated Total Cost	Funding Source		FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
CE084	(none)	Previous Year - No Change		Stormwater Asset Management and Master Plan					
		200,000	U		200,000	0	0	0	0
	Project Total	**200,000**			**200,000**	**0**	**0**	**0**	**0**
MB112	(none)	Changed - Non Recurring		HHW Replacement Storage Locker					
		196,000	G		196,000	0	0	0	0
	Project Total	**196,000**			**196,000**	**0**	**0**	**0**	**0**
MB121	(none)	Changed - Non Recurring		Lower Deck Restorations/Sealing and Joint Repair					
		95,481	U		0	0	95,481	0	0
	Project Total	**95,481**			**0**	**0**	**95,481**	**0**	**0**
MB136	(none)	Previous Year - No Change		Municipal Center Plaza Restoration and Replacement Program					
		118,000	U		15,000	103,000	0	0	0
	Project Total	**118,000**			**15,000**	**103,000**	**0**	**0**	**0**
MB137	(none)	Changed - Non Recurring		Concrete Joint and Platform Rehabilitation at Wash. Underpass					
		60,000	N		60,000	0	0	0	0
	Project Total	**60,000**			**60,000**	**0**	**0**	**0**	**0**
MB161		Changed - Non Recurring		Electric Service Center Roof Replacement					
		1,150,497	J		275,000	283,250	291,748	300,500	0
	Project Total	**1,150,497**			**275,000**	**283,250**	**291,748**	**300,500**	**0**
MB167		Changed - Non Recurring		Municipal Center Elevator Repair					
		77,250	U		0	77,250	0	0	0
	Project Total	**77,250**			**0**	**77,250**	**0**	**0**	**0**
MB168		Previous Year - No Change		Fire Sprinkler Replacement					
		40,000	U		40,000	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) 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

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

Department: **Public Works**

Page	WF #	Estimated Total Cost	Funding Source		FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
	Project Total	**40,000**			**40,000**	**0**	**0**	**0**	**0**
MB170		Previous Year - No Change		Tuck-Point Masonry at Burlington Commuter Station					
		55,000	N		55,000	0	0	0	0
	Project Total	**55,000**			**55,000**	**0**	**0**	**0**	**0**
	Department Total	**1,992,228**			**841,000**	**463,500**	**387,229**	**300,500**	**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) 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

Project Number: CE084 **Project Title:** Stormwater Asset Management and Master Plan

Department Name: Public Works **CIP Status:** Previous Year - No Change **Category Code:** C **Sector:** Various

Project Purpose: **Criteria** **WF Number:** (none)

This project supports the City's Strategic Plan through City Services. Need

Project Narrative:

This project is to complete the stormwater asset management plan. The project will deliver a comprehensive stormwater database in GIS using field survey and as-built data sources. The database will include the ability to manage and plan the maintenance activities of the stormwater system with Azteca Cityworks service requests and work orders. The contractors will perform data collection, conversion services, attribution and will deliver a complete field verified stormwater atlas. The asset inventory of Area A, primarily located north of 75th Street, is complete, a section of 120 grids. This project will complete Area B, a section of 77 grids, located primarily south of 75th Street. Bid 12-065 was awarded to Woolpert in FY11-12 for a total of $349,457, the remaining budgeted funds in FY12-13 will be used for additional work as needed.

External Funding Sources Available

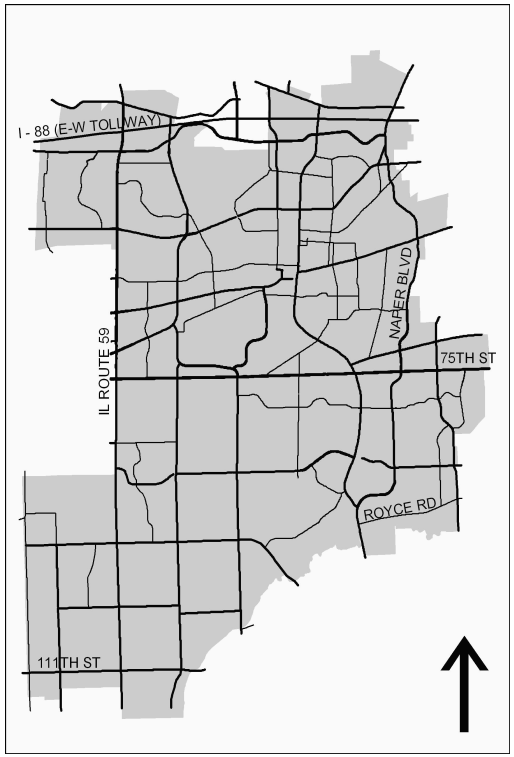
None

Projected Timetable

Procure consultant in 2011 with data collection in 2012 and 2013.

Impact on Operating Budget

No impact on operating budget.



Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Unfunded Capital	200,000	0	0	0	0	200,000
Subtotal	200,000	0	0	0	0	200,000
					Prior Year(s) Expenditures	506,475
					Total All Sources	706,475

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Consultant	0	200,000	0	200,000	0	0	0	0	200,000
Services	157,018	0	349,457	0	0	0	0	0	0
Subtotal	157,018	200,000	349,457	200,000	0	0	0	0	200,000
								Prior Year(s) Expenditures	506,475
								Total Project Cost	706,475

Project Number: MB112 **Project Title:** HHW Replacement Storage Locker

Department Name: Public Works **CIP Status:** Changed - Non Recurring **Category Code:** A **Sector:** Northwest

Project Purpose: **Criteria** **WF Number:** (none)

This project supports the Strategic Plan through City Services and Residential Life. Need

Project Narrative:

This project will replace the storage lockers being used to properly store household hazardous waste (HHW) collected at the regional HHW drop-off facility. The lockers were originally installed in 1994 and have an estimated useful life of 10-12 years. Therefore these lockers are 5 years past their estimated useful life. The lockers have undergone maintenance and repairs on 2 occasions during its useful life. Without replacement of the lockers there is a potential for hazardous material to escape confinement. Based upon an environmental assessment completed in 2011, the southern storage locker was in poor condition with significant rust damage on the doorframe, vents and rear corners, and the consultant recommended that the facility not utilize the locker until replaced. The southern storage locker is 280 square feet and the northern storage locker is 240 square feet. This project will replace both storage lockers in

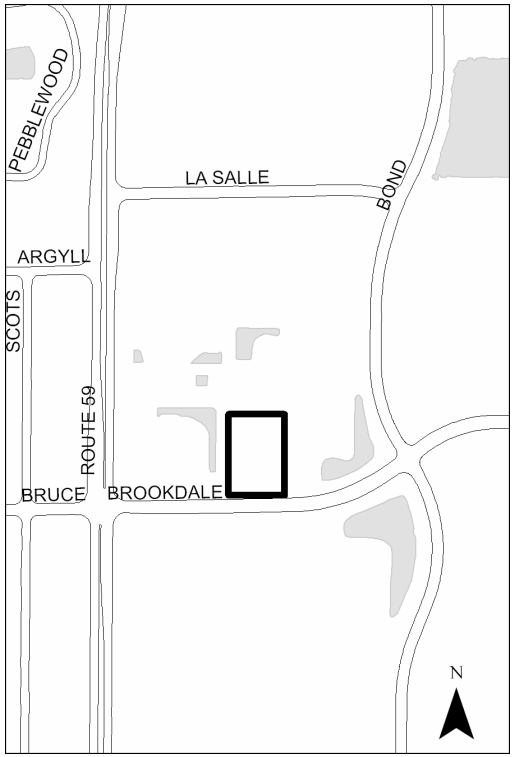
External Funding Sources Available

Will be funded from the DuPage County Solid Waste Escrow Fund

Projected Timetable

Replace southern and northern lockers in FY13

Impact on Operating Budget



Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Other Government	196,000	0	0	0	0	196,000
Subtotal	196,000	0	0	0	0	196,000
					Prior Year(s) Expenditures	0
					Total All Sources	196,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	0	0	0	196,000	0	0	0	0	196,000
Subtotal	0	0	0	196,000	0	0	0	0	196,000
								Prior Year(s) Expenditures	0
								Total Project Cost	196,000

Project Number: MB121 **Project Title:** Lower Deck Restorations/Sealing and Joint Repair

Department Name: Public Works **CIP Status:** Changed - Non Recurring **Category Code:** B **Sector:** Northwest

Project Purpose: **Criteria** **WF Number:** (none)

This project supports the City's Strategic Plan through City Services and Residential Life. Need

Project Narrative:

The lower deck of the Municipal Center is in need of maintenance. The wearing surface, installed in 1991, has not undergone restoration. This maintenance project should defer significant expenditures on this portion of the municipal center for at least another 10 years. Without this maintenance, the driving surface will continue to crack and deteriorate. This will increase the future repair and restoration expenses. This project was originally planned for FY08-09. Based on professional review, it was determined the work could be deferred until FY14-15 without jeopardizing the integrity of the facility. The City has monitored the lower deck and determined the repair work will need to be completed in FY14-15. The work will consist of joint and crackfilling and miscellaneous concrete repairs.

External Funding Sources Available

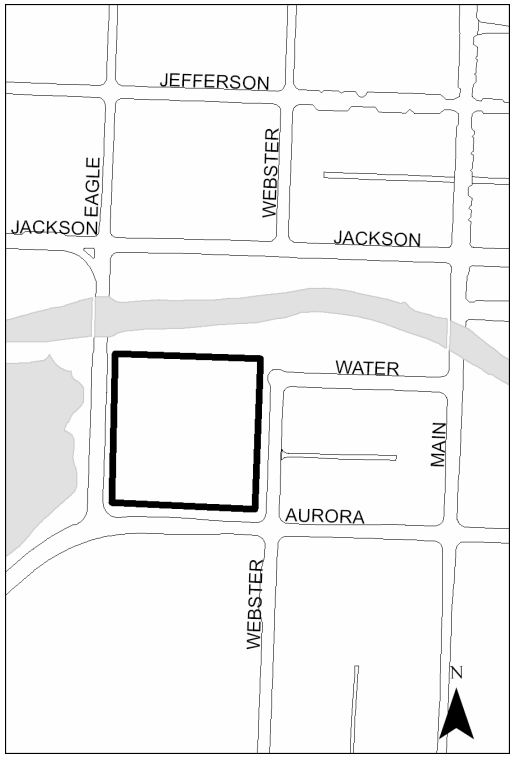
None

Projected Timetable

Project to be completed in FY14-15

Impact on Operating Budget

Smaller patch work type fixes will not be needed for several years through the operating budget. Annual savings from the work will save the City an estimated $4,000.



Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	0	0	0	(4,000)	(4,000)	(8,000)
Subtotal	0	0	0	(4,000)	(4,000)	(8,000)
					Prior Year(s) Impact	0
					Total Project Impact	(8,000)

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Unfunded Capital	0	0	95,481	0	0	95,481
Subtotal	0	0	95,481	0	0	95,481
					Prior Year(s) Expenditures	0
					Total All Sources	95,481

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	0	0	0	0	0	95,481	0	0	95,481
Subtotal	0	0	0	0	0	95,481	0	0	95,481
								Prior Year(s) Expenditures	0
								Total Project Cost	95,481

Project Number: MB136 **Project Title:** Municipal Center Plaza Restoration and Replacement Program

Department Name: Public Works **CIP Status:** Previous Year - No Change **Category Code:** B **Sector:** Northwest

Project Purpose: **Criteria** **WF Number:** (none)

This project supports the City's Strategic Plan through City Services and Residential Life.

Need

Project Narrative:

The restoration and replacement of the aggregate and concrete plazas at the Municipal Center is a two phase project. The first phase of the program repaired and replaced the aggregate paver sections and concrete panels in the plaza north of the Municipal Center and south of the DuPage River in fiscal year 2010. The second phase of the program will repair and replace sections of the front plaza at the Municipal Center. This plaza has been repaired three times in the past 18 years. This program will evaluate the existing design and installation necessary to propose solutions resulting in longer service life and aesthetically acceptable alterations. This project will include a complete replacement of the main entry stairway and handicap ramp and may include the removal and replacement of the aggregate with concrete or alternate materials.

External Funding Sources Available

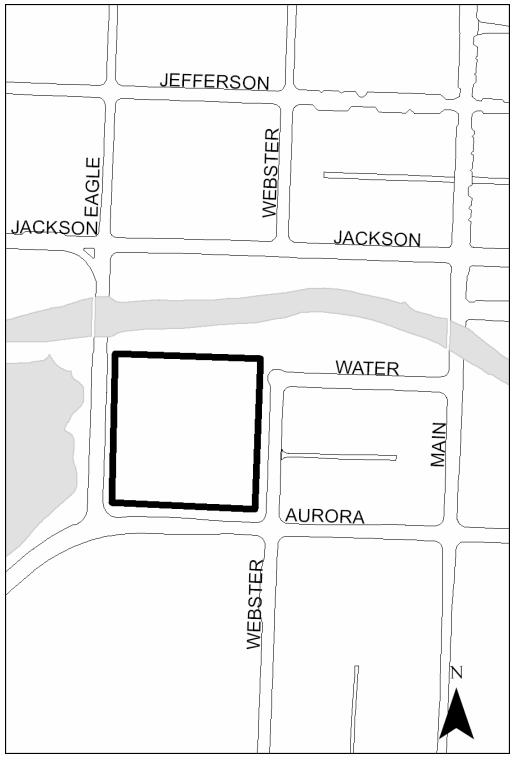
None

Projected Timetable

The work on the North plaza was FY09-10 and the design and construction of the main entrance plaza is scheduled for FY12-13 and FY13-14 respectively.

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

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	(3,500)	(3,500)	(7,000)	(7,000)	(7,000)	(28,000)
Subtotal	(3,500)	(3,500)	(7,000)	(7,000)	(7,000)	(28,000)
					Prior Year(s) Impact	0
					Total Project Impact	(28,000)

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Unfunded Capital	15,000	103,000	0	0	0	118,000
Subtotal	15,000	103,000	0	0	0	118,000
					Prior Year(s) Expenditures	178,967
					Total All Sources	296,967

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	177,677	0	0	0	103,000	0	0	0	103,000
Engineering	0	0	0	15,000	0	0	0	0	15,000
Services	1,291	0	0	0	0	0	0	0	0
Subtotal	178,967	0	0	15,000	103,000	0	0	0	118,000
								Prior Year(s) Expenditures	178,967
								Total Project Cost	296,967

Project Number: MB137 **Project Title:** Concrete Joint and Platform Rehabilitation at Wash. Underpass

Department Name: Public Works **CIP Status:** Changed - Non Recurring **Category Code:** B **Sector:** Northwest

Project Purpose: **Criteria** **WF Number:** (none)

Project supports the Strategic Plan through City Services, Residential Life and Transportation

Need

Project Narrative:

This project is a continuation of work started in FY07-08 by Metra to patch, joint/crack repair and seal, repair tactile surfaces and grind trip hazards and replace minor concrete sections due to age and the vibrations of the platform. This work will fully repair, replace, & rehabilitate the platform at the Washington St. Underpass. Metra has begun and is in the process of completing the replacement & rehabilitation work, which was slated to begin in Spring of 2010 but was deferred until 2011. The City is using funds budgeted in FY12 to complete repairs on the sidewalk by the pedestrian tunnel and some minor pedestrian ramp work. The City has budgeted additional funds in FY13 for additional rehabilitation and replacement work that is required on concrete sections around the commuter station platforms for consistency throughout the station. The work will be done in Spring of 2012 to minimize commuter disruption.

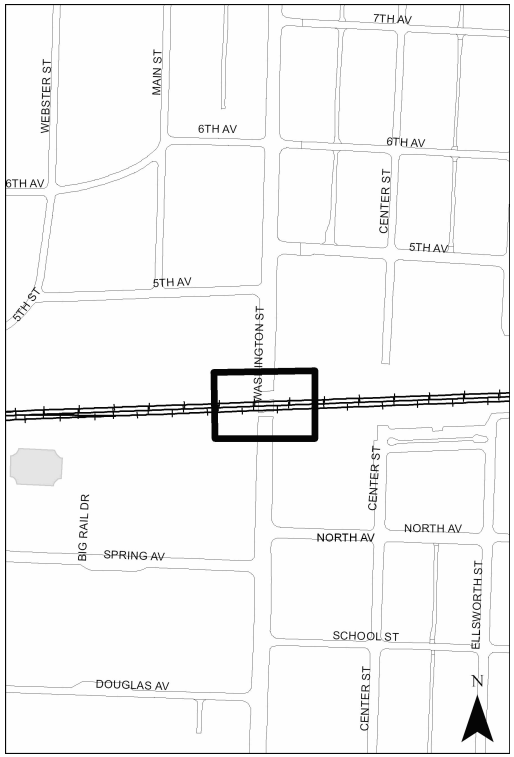
External Funding Sources Available

Projected Timetable

Project Will be started in FY11-12 and continued in FY12-13

Impact on Operating Budget

This project will reduce the concrete repair line item in the Burlington Fund by $3,000 annually



Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	(3,000)	(3,000)	(3,000)	(3,000)	(3,000)	(15,000)
Subtotal	(3,000)	(3,000)	(3,000)	(3,000)	(3,000)	(15,000)
					Prior Year(s) Impact	0
					Total Project Impact	(15,000)

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Commuter Parking Fund	60,000	0	0	0	0	60,000
Subtotal	60,000	0	0	0	0	60,000
					Prior Year(s) Expenditures	0
					Total All Sources	60,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	0	50,000	0	60,000	0	0	0	0	60,000
Engineering	0	0	0	0	0	0	0	0	0
Subtotal	0	50,000	0	60,000	0	0	0	0	60,000
								Prior Year(s) Expenditures	0
								Total Project Cost	60,000

Project Number: MB161 **Project Title:** Electric Service Center Roof Replacement

Department Name: Public Works **CIP Status:** Changed - Non Recurring **Category Code:** B **Sector:** Southeast

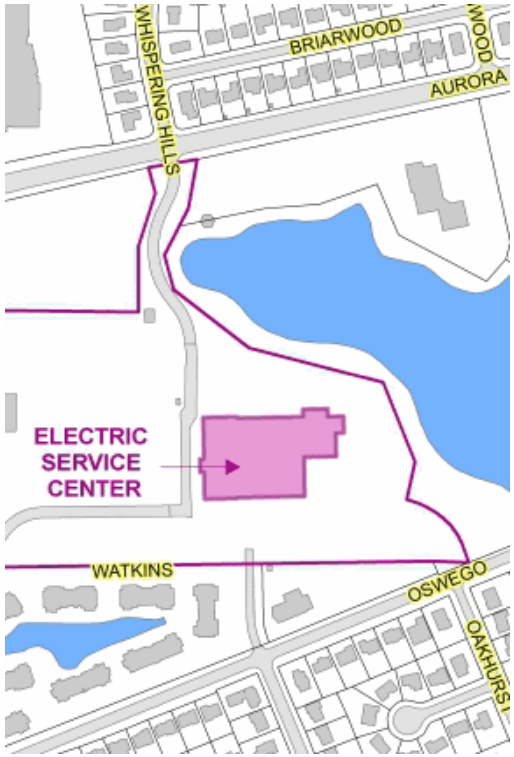
Project Purpose: **Criteria** **WF Number:**

The project supports the City's Strategic Plan through Residential Life & City Services. Need

Project Narrative:

This project seeks to replace the roof at the Electric Service Center. The roof suffered major roof problems last fall 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 22 years old when the replacement is planned to begin. Public Works plans to remove and replace the roof over a 4 year period. The Municipal Center roof replacement, an original component of this project, was moved to a new CIP project, MB176.

External Funding Sources Available



Projected Timetable

FY13-FY16 - roof replacement at 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

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	0	(4,250)	(4,250)	(4,250)	(4,250)	(17,000)
Subtotal	0	(4,250)	(4,250)	(4,250)	(4,250)	(17,000)
					Prior Year(s) Impact	0
					Total Project Impact	(17,000)

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Electric Utility	275,000	283,250	291,748	300,500	0	1,150,497
Subtotal	275,000	283,250	291,748	300,500	0	1,150,497
					Prior Year(s) Expenditures	0
					Total All Sources	1,150,497

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	0	0	0	275,000	283,250	291,748	300,500	0	1,150,497
Subtotal	0	0	0	275,000	283,250	291,748	300,500	0	1,150,497
								Prior Year(s) Expenditures	0
								Total Project Cost	1,150,497

Project Number: MB167 **Project Title:** Municipal Center Elevator Repair

Department Name: Public Works **CIP Status:** Changed - Non Recurring **Category Code:** A **Sector:** Northwest

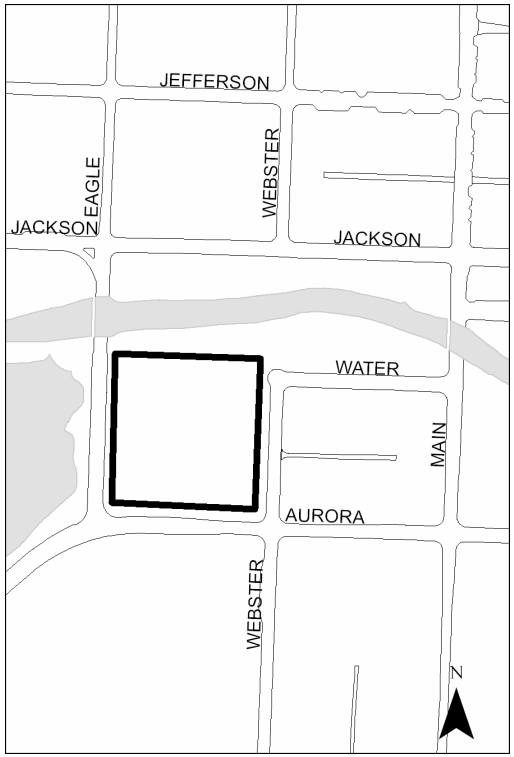
Project Purpose: **Criteria** **WF Number:**

This project supports the City's Strategic Plan through City Services and Residential Life. Need

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. Repairs were completed for this elevator and cost approximately $69,500. The repair work on the East elevator was originally scheduled for FY10-11 but is being deferred to FY13-14 based upon quarterly hydraulic testing. DPW will continue to test the elevator quarterly for cracks and water seepage and will plan future work based upon test results. The planned work will prevent future failures that will cost the City in both elevator operating time and additional repair funds. The repairs are expected to provide a long-term solution that will last 30-50 years with regular maintenance.

External Funding Sources Available



Projected Timetable

Will repair the elevator hydraulic cylinder in FY13-14

Impact on Operating Budget

Will reduce the annual maintenance cost by approximately $250

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	0	(250)	(250)	(250)	(250)	(1,000)
Subtotal	0	(250)	(250)	(250)	(250)	(1,000)
					Prior Year(s) Impact	0
					Total Project Impact	(1,000)

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Unfunded Capital	0	77,250	0	0	0	77,250
Subtotal	0	77,250	0	0	0	77,250
					Prior Year(s) Expenditures	0
					Total All Sources	77,250

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	0	0	0	0	77,250	0	0	0	77,250
Subtotal	0	0	0	0	77,250	0	0	0	77,250
								Prior Year(s) Expenditures	0
								Total Project Cost	77,250

Project Number: MB168 **Project Title:** Fire Sprinkler Replacement

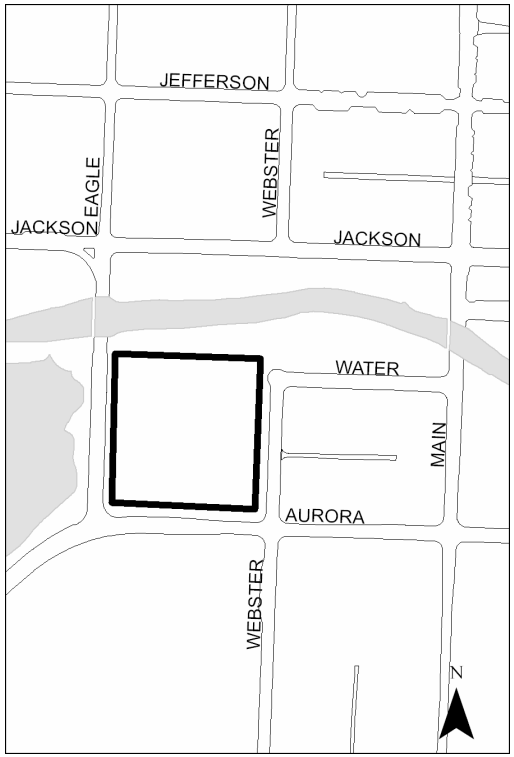
Department Name: Public Works **CIP Status:** Previous Year - No Change **Category Code:** B **Sector:** Northeast

Project Purpose: **Criteria** **WF Number:**

This project relates to the City's Strategic Plan through City Services. Need

Project Narrative:

Remove the existing piping and install new dry system piping using galvanized pipe and black fittings at the city hall lower level parking garage and the police department parking garage. Both systems were originally installed in 1990-91 and have had minor repairs and replacements performed as needed. However there have been continual issues with rotting pipes and leaks in both systems as well as two to three accidental deployments per year over the past three years. The project removed and replaced the sprinkler system at the Municipal Center in FY11-12 and will remove and replace the sprinkler system at the Police Station in FY12-13.



External Funding Sources Available

Projected Timetable

FY12 - Municipal Center Replacement (To be Completed by end of FY12)

FY13 - Police Station Replacement

Impact on Operating Budget

This will reduce minor repairs and replacement by approximately $450 annually per system

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	(450)	(900)	(900)	(900)	900	(2,250)
Subtotal	(450)	(900)	(900)	(900)	900	(2,250)
					Prior Year(s) Impact	0
					Total Project Impact	(2,250)

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Unfunded Capital	40,000	0	0	0	0	40,000
Subtotal	40,000	0	0	0	0	40,000
					Prior Year(s) Expenditures	0
					Total All Sources	40,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	0	40,000	0	40,000	0	0	0	0	40,000
Subtotal	0	40,000	0	40,000	0	0	0	0	40,000
								Prior Year(s) Expenditures	0
								Total Project Cost	40,000

Project Number: MB170 **Project Title:** Tuck-Point Masonry at Burlington Commuter Station

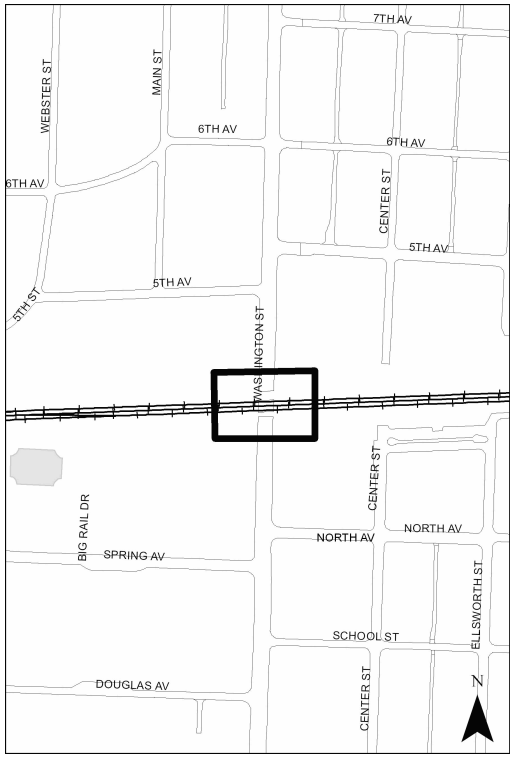
Department Name: Public Works **CIP Status:** Previous Year - No Change **Category Code:** B **Sector:** Northeast

Project Purpose: **Criteria** **WF Number:**

Project supports the Strategic Plan through City Services, Residential Life and Transportation Need

Project Narrative:

Tuck-Point the main building and columns at the Burlington commuter train station. There are several masonry areas that are deteriorating, especially near the front canopy of the building. The interior brickwork will also be evaluated and repaired where needed. Some bricks will need to be replaced and sealants will also be examined. This project will grind out all the 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

Projected Timetable

Project to be completed after Metra's completion of platform repair and rehabilitation work.

Impact on Operating Budget

Will reduce operating budget by $500 annually

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Commuter Parking Fund	55,000	0	0	0	0	55,000
Subtotal	55,000	0	0	0	0	55,000
					Prior Year(s) Expenditures	0
					Total All Sources	55,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	0	0	0	55,000	0	0	0	0	55,000
Subtotal	0	0	0	55,000	0	0	0	0	55,000
								Prior Year(s) Expenditures	0
								Total Project Cost	55,000

Riverwalk

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

Department: **Riverwalk**

Page	WF #	Estimated Total Cost	Funding Source		FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
PA027	(none)	Changed - Non Recurring		North Central College Stairway and Access Improvements					
		31,000	C		31,000	0	0	0	0
		50,000	D		50,000	0	0	0	0
		5,000	G		5,000	0	0	0	0
	Project Total	**86,000**			**86,000**	**0**	**0**	**0**	**0**
PA028	(none)	Previous Year - No Change		Moser Bridge Shoreline Stabilization					
		27,810	U		27,810	0	0	0	0
	Project Total	**27,810**			**27,810**	**0**	**0**	**0**	**0**
PA037		Changed - Non Recurring		Riverwalk Rehabilitation between Eagle Street and Smykal Pavilion					
		220,326	U		0	51,500	0	0	168,826
	Project Total	**220,326**			**0**	**51,500**	**0**	**0**	**168,826**
PA042		Previous Year - No Change		Riverbank Retaining Wall Assessment West Extension					
		90,000	U		90,000	0	0	0	0
	Project Total	**90,000**			**90,000**	**0**	**0**	**0**	**0**
	Department Total	**424,136**			**203,810**	**51,500**	**0**	**0**	**168,826**

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) 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

Project Number: PA027 **Project Title:** North Central College Stairway and Access Improvements

Department Name: Riverwalk **CIP Status:** Changed - Non Recurring **Category Code:** C **Sector:** Northeast

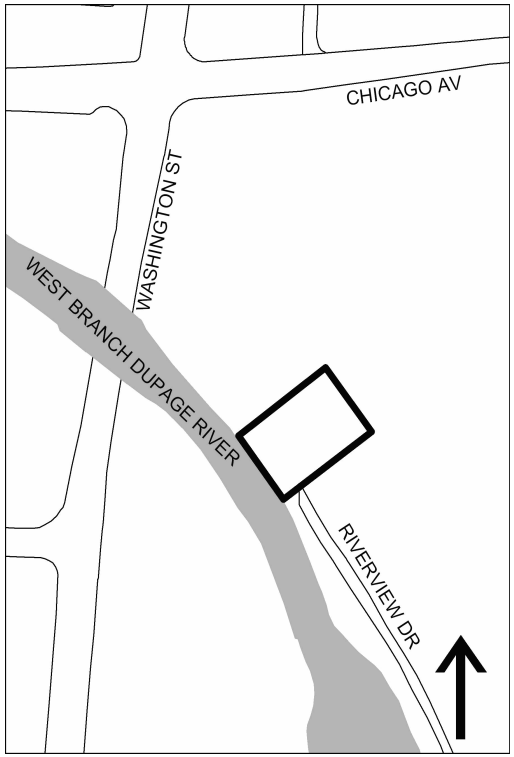
Project Purpose:

This project supports the implementation of the Naperville Riverwalk Development Guidelines.

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

Project Narrative:

In coordination with North Central College's stadium gateway improvements, access improvements will be made with the Riverwalk. The project includes a stairway and path from the Moser Bridge to the stadium entrance. NOTE: Project timeline moved from FY 15-16 to FY 11-12.



External Funding Sources Available

$25,000 North Central College, $25,000 Riverwalk, $5,000 from Park District, $31,000 from Creamery

Projected Timetable

Engineering and design are scheduled for FY 11-12 with construction in the spring and summer of 2012.

Impact on Operating Budget

On the Riverwalk side, this project will include an enhanced stairway, additional length of pathway and additional lighting. These will be added and maintained as assets of the Riverwalk.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Capital Projects Fund	31,000	0	0	0	0	31,000
Developer Contribution	50,000	0	0	0	0	50,000
Other Government	5,000	0	0	0	0	5,000
Subtotal	86,000	0	0	0	0	86,000
					Prior Year(s) Expenditures	0
					Total All Sources	86,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	0	25,000	0	86,000	0	0	0	0	86,000
Subtotal	0	25,000	0	86,000	0	0	0	0	86,000
								Prior Year(s) Expenditures	0
								Total Project Cost	86,000

Project Number: PA028 **Project Title:** Moser Bridge Shoreline Stabilization

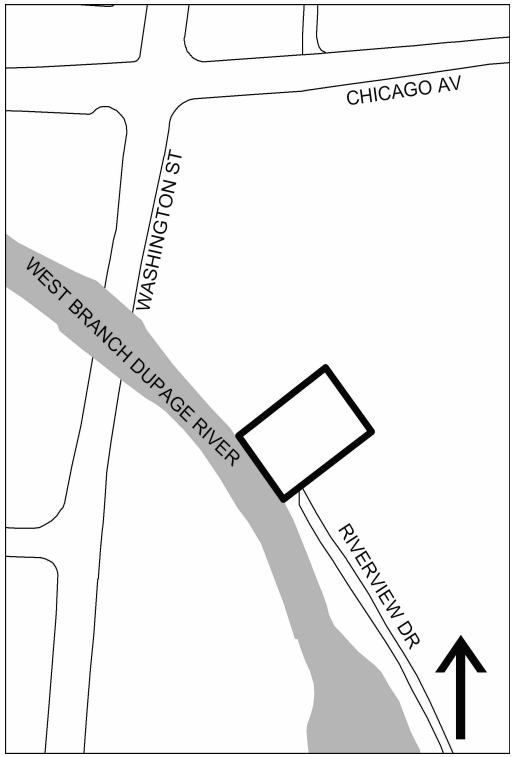
Department Name: Riverwalk **CIP Status:** Previous Year - No Change **Category Code:** B **Sector:** Northeast

Project Purpose: **Criteria** **WF Number:** (none)

This project supports the implementation of the Naperville Riverwalk Development Guidelines. Need

Project Narrative:

This project addresses the stabilization of the shoreline immediately south of the Moser Bridge on the east extension. This will utilize a natural treatment with native plant material along the east side of the river south.



External Funding Sources Available

None

Projected Timetable

Project was designed and permitted in FY08-09 with construction in FY12-13. The County stormwater permit expires on December 31, 2013.

Impact on Operating Budget

This project will decrease maintenance costs by eliminating shoreline stabilization problems through the installation of sustainable native plant materials.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Unfunded Capital	27,810	0	0	0	0	27,810
Subtotal	27,810	0	0	0	0	27,810
					Prior Year(s) Expenditures	15,928
					Total All Sources	43,738

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	0	0	0	27,810	0	0	0	0	27,810
Engineering	15,928	0	0	0	0	0	0	0	0
Subtotal	15,928	0	0	27,810	0	0	0	0	27,810
								Prior Year(s) Expenditures	15,928
								Total Project Cost	43,738

Project Number: PA037 **Project Title:** Riverwalk Rehabilitation between Eagle Street and Smykal 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.

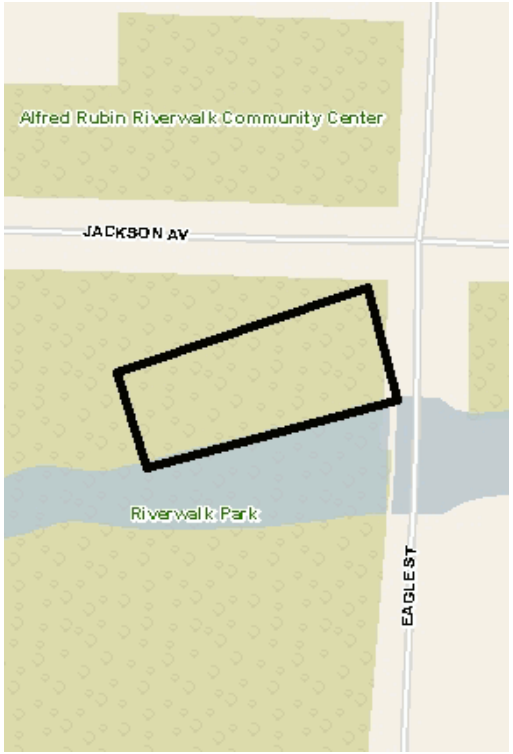
Criteria

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.



External Funding Sources Available

None

Projected Timetable

Preliminary work/set project scope in FY13-14;Engineering/design in FY 16-17; Construction is planned beyond the FY 17-18 budget years.

Impact on Operating Budget

New assets may need additional maintenance but they will be chosen with minimizing-maintenance in mind.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Unfunded Capital	0	51,500	0	0	168,826	220,326
Subtotal	0	51,500	0	0	168,826	220,326
					Prior Year(s) Expenditures	0
					Total All Sources	220,326

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	51,500	0	0	168,826	220,326
Subtotal	0	0	0	0	51,500	0	0	168,826	220,326
								Prior Year(s) Expenditures	0
								Total Project Cost	220,326

Project Number: PA042 **Project Title:** Riverbank Retaining Wall Assessment West Extension

Department Name: Riverwalk **CIP Status:** Previous Year - No Change **Category Code:** A **Sector:** Northwest

Project Purpose: **Criteria** **WF Number:**

This project supports the implementation of the Riverwalk Asset Management Plan. Need

Project Narrative:

PA036 was postponed from FY2011 and combined with this project as both projects consist of similar work. This project includes core samples and their evaluation regarding the bulkhead wall and lower walkways on the north and south sides of the DuPage River from the Eagle Street Bridge to the staircase west of the covered pedestrian bridge. The project also includes a core study of the existing retaining walls along the north shoreline of the DuPage River from the covered bridge near the Riverwalk Eatery west to the metal bridge near the Carillon Visitor Center.

External Funding Sources Available

None

Projected Timetable

The assessment is scheduled to take place in FY 12-13.

Impact on Operating Budget

The outcome of the study will determine the impact on the budget.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Unfunded Capital	90,000	0	0	0	0	90,000
Subtotal	90,000	0	0	0	0	90,000
					Prior Year(s) Expenditures	0
					Total All Sources	90,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Engineering	0	0	0	90,000	0	0	0	0	90,000
Subtotal	0	0	0	90,000	0	0	0	0	90,000
								Prior Year(s) Expenditures	0
								Total Project Cost	90,000

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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**

Page	WF #	Estimated Total Cost	Funding Source		FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
BR005	(none)	Changed - Non Recurring		North Aurora Road Underpass at the CN Railroad					
		14,485,191	G		0	1,185,530	567,582	983,454	11,748,626
		5,558,706	U		0	540,750	164,440	983,454	3,870,063
	Project Total	**20,043,898**			**0**	**1,726,280**	**732,021**	**1,966,909**	**15,618,688**
BR007	(none)	Previous Year - No Change		Washington St. Pedestrian Bridge over the WB DuPage River					
		1,164,157	U		0	103,000	132,613	0	928,545
	Project Total	**1,164,157**			**0**	**103,000**	**132,613**	**0**	**928,545**
BR017	(none)	Changed - Non Recurring		Bridge for Relocated 95th Street Over the DuPage River					
		5,002,000	U		1,500,000	3,502,000	0	0	0
	Project Total	**5,002,000**			**1,500,000**	**3,502,000**	**0**	**0**	**0**
BR028	(none)	Changed - Non Recurring		Columbia Street Bridge Rehabilitation					
		200,000	U		200,000	0	0	0	0
	Project Total	**200,000**			**200,000**	**0**	**0**	**0**	**0**
BR031		Previous Year - No Change		Downtown Washington Street Bridge Rehabilitation					
		358,718	U		0	30,900	0	327,818	0
	Project Total	**358,718**			**0**	**30,900**	**0**	**327,818**	**0**
BW015	(none)	Previous Year - No Change		Springbrook Prairie to Virgil Gilman Trail					
		977,858	U		0	0	180,353	278,645	518,860
	Project Total	**977,858**			**0**	**0**	**180,353**	**278,645**	**518,860**
CS009		Changed - Non Recurring		Washington Street Streetscape					
		337,631	U		0	0	0	38,245	299,385
	Project Total	**337,631**			**0**	**0**	**0**	**38,245**	**299,385**
MB138	none	Changed - Non Recurring		Water Street District Improvements					

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) 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

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

Department: **Transportation, Engineering & Development**

Page	WF #	Estimated Total Cost	Funding Source		FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
		9,004,072	TF		0	0	0	0	9,004,072
		4,783,598	U		0	0	4,783,598	0	0
	Project Total	**13,787,670**			**0**	**0**	**4,783,598**	**0**	**9,004,072**
MB163		Changed - Non Recurring		Downtown Parking Solution					
		28,391,879	O		0	0	5,631,257	2,869,501	19,891,121
	Project Total	**28,391,879**			**0**	**0**	**5,631,257**	**2,869,501**	**19,891,121**
MB164		Previous Year - No Change		5th Avenue Area Bus Depot					
		1,284,644	N		0	159,135	0	1,125,509	0
	Project Total	**1,284,644**			**0**	**159,135**	**0**	**1,125,509**	**0**
SC033	(none)	Changed - Non Recurring		North Aurora Road.: Frontenac Rd. to Weston Ridge Dr.					
		3,593,856	G		0	154,500	371,315	163,909	2,904,132
		2,266,001	OR		0	0	0	0	2,266,001
		5,358,466	U		0	669,500	689,585	622,854	3,376,527
	Project Total	**11,218,323**			**0**	**824,000**	**1,060,900**	**786,763**	**8,546,660**
SC190	(none)	Changed - Non Recurring		248th Street: 95th St. to 115th St.					
		4,400,000	OR		0	2,200,000	2,200,000	0	0
	Project Total	**4,400,000**			**0**	**2,200,000**	**2,200,000**	**0**	**0**
SC196	(none)	Changed - Non Recurring		95th Street and Book Road					
		2,172,132	U		0	0	107,151	236,029	1,828,952
	Project Total	**2,172,132**			**0**	**0**	**107,151**	**236,029**	**1,828,952**
SC220	(none)	Changed - Non Recurring		Route 59 Improvement: Aurora Avenue to Ferry Road					
		250,000	D		250,000	0	0	0	0
		2,200,000	OR		2,200,000	0	0	0	0
		2,111,500	U		0	2,111,500	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) 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

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

Department: **Transportation, Engineering & Development**

Page	WF #	Estimated Total Cost	Funding Source		FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
	Project Total	**4,561,500**			**2,450,000**	**2,111,500**	**0**	**0**	**0**
SC240		Changed - Non Recurring		Main Street: Benton to Van Buren					
		185,658	U		0	0	185,658	0	0
	Project Total	**185,658**			**0**	**0**	**185,658**	**0**	**0**
SL134		Previous Year - No Change		5th Avenue Area Pedestrian Lighting					
		117,700	N		25,000	92,700	0	0	0
	Project Total	**117,700**			**25,000**	**92,700**	**0**	**0**	**0**
SW011	(none)	Changed - Non Recurring		Huffman Street/Steeple Run Watershed Improvements					
		2,370,000	U		2,370,000	0	0	0	0
	Project Total	**2,370,000**			**2,370,000**	**0**	**0**	**0**	**0**
TC037	(none)	Changed - Non Recurring		Osler Drive and West Street					
		44,802	D		0	0	0	44,802	0
	Project Total	**44,802**			**0**	**0**	**0**	**44,802**	**0**
TC166	(none)	Previous Year - No Change		Mill Street and Diehl Commons Road					
		80,807	G		0	0	0	7,649	73,158
		273,837	U		0	0	0	26,225	247,612
	Project Total	**354,645**			**0**	**0**	**0**	**33,875**	**320,770**
TC193	(none)	Changed - Non Recurring		Ogden Avenue Corridor Enhancement Initiative					
		112,551	U		0	0	0	0	112,551
	Project Total	**112,551**			**0**	**0**	**0**	**0**	**112,551**
TC195		Changed - Non Recurring		Route 59 and Lacrosse					
		576,700	G		72,000	504,700	0	0	0
		64,650	U		8,000	56,650	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) 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

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

Department: **Transportation, Engineering & Development**

Page	WF #	Estimated Total Cost	Funding Source		FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
	Project Total	**641,350**			**80,000**	**561,350**	**0**	**0**	**0**
TC207		Changed - Non Recurring		South Downtown Traffic Improvements					
		76,252	D		0	0	7,957	68,295	0
		228,757	U		0	0	23,870	204,886	0
	Project Total	**305,009**			**0**	**0**	**31,827**	**273,182**	**0**
TC211		Changed - Non Recurring		5th Avenue Area Multi-Modal Improvements					
		107,841	N		0	12,360	95,481	0	0
	Project Total	**107,841**			**0**	**12,360**	**95,481**	**0**	**0**
TC212		Changed - Non Recurring		Downtown Wayfinding					
		102,625	E		12,500	90,125	0	0	0
		102,625	U		12,500	90,125	0	0	0
	Project Total	**205,250**			**25,000**	**180,250**	**0**	**0**	**0**
TC214		Previous Year - No Change		111th St/Hassert Blvd and Chokeberry Drive Traffic Signal					
		250,000	U		250,000	0	0	0	0
	Project Total	**250,000**			**250,000**	**0**	**0**	**0**	**0**
TC215		Changed - Non Recurring		Ogden Avenue and Fort Hill Drive Pedestrian Signal					
		30,000	U		30,000	0	0	0	0
	Project Total	**30,000**			**30,000**	**0**	**0**	**0**	**0**
	Department Total	**98,625,215**			**6,930,000**	**11,503,475**	**15,140,858**	**7,981,278**	**57,069,604**

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) 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

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

Project Purpose:

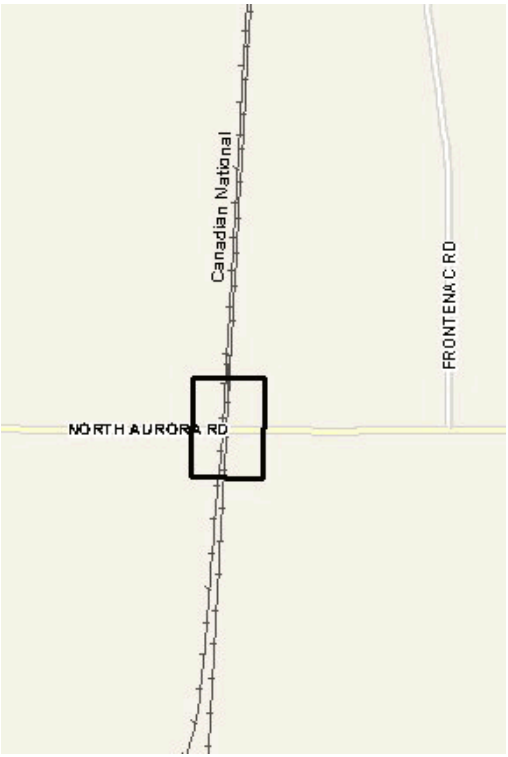
This project supports the implementation of the Road Improvement Plan and Coordinated Roadway Improvement component of the Comprehensive Transportation Plan. FUNCTION(S): Reduce Congestion, Safety, and Bicycle and Pedestrian.

Criteria **WF Number:** (none)

Coordination, Funding, Investment, Need

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 $28 million. NOTE: Engineering, land acquisition, and construction of the project have been reprogrammed to permit the establishment of funding from federal programs and partner agencies. The critical path of this project is securing funding from the City of Aurora, the ICC, and federal programs.



External Funding Sources Available

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

Projected Timetable

Design Engineering in FY13-14. Land Acquisition in FY13-14 and FY14-15. Construction Engineering in FY15-16. Construction in FY16-17 and FY17-18.

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

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Other Government	0	1,185,530	567,582	983,454	11,748,626	14,485,191
Unfunded Capital	0	540,750	164,440	983,454	3,870,063	5,558,706
Subtotal	0	1,726,280	732,021	1,966,909	15,618,688	20,043,898
					Prior Year(s) Expenditures	609,945
					Total All Sources	20,653,843

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	0	0	0	0	0	0	0	15,618,688	15,618,688
Engineering	515,722	1,200,000	94,223	0	1,596,500	0	1,966,909	0	3,563,409
Land Acquisition	0	300,000	0	0	129,780	732,021	0	0	861,801
Subtotal	515,722	1,500,000	94,223	0	1,726,280	732,021	1,966,909	15,618,688	20,043,898
								Prior Year(s) Expenditures	609,945
								Total Project Cost	20,653,843

Project Number: BR007 **Project Title:** Washington St. Pedestrian Bridge over the WB DuPage River

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

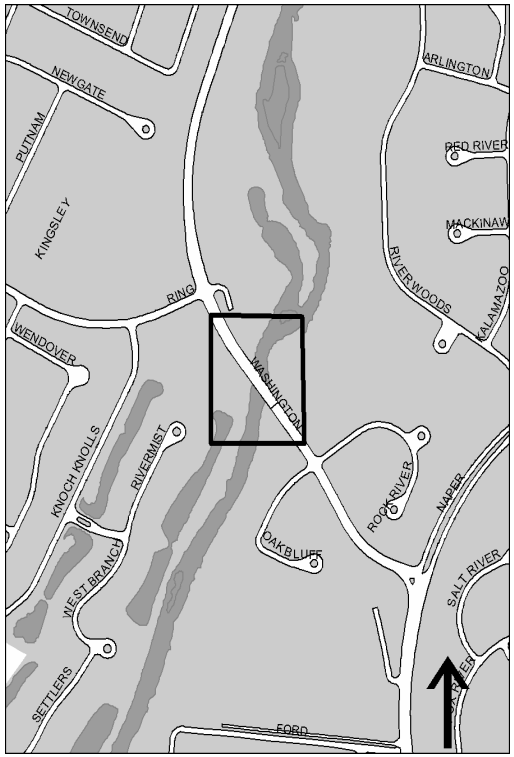
Project Purpose:

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

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

Project Narrative:

This project includes the construction of a pedestrian bridge over the West Branch of the DuPage River adjacent to Washington Street. The existing roadway bridge does not have pedestrian walkways. Alternatives include the addition of sidewalks to the existing structure(s) or the installation of a new structure(s). The City will seek to apply for Federal funding for construction. A feasibility study is underway to accurately determine the scope and funding for the project prior to submitting the grant application. The total cost of this project, including engineering, construction engineering, and construction, is estimated from $750,000 to $1.5 million depending upon the scope.



External Funding Sources Available

None

Projected Timetable

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

Impact on Operating Budget

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

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Unfunded Capital	0	103,000	132,613	0	928,545	1,164,157
Subtotal	0	103,000	132,613	0	928,545	1,164,157
					Prior Year(s) Expenditures	0
					Total All Sources	1,164,157

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	0	0	0	0	0	0	0	844,132	844,132
Engineering	0	30,000	0	0	103,000	132,613	0	84,413	320,026
Subtotal	0	30,000	0	0	103,000	132,613	0	928,545	1,164,157
								Prior Year(s) Expenditures	0
								Total Project Cost	1,164,157

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

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

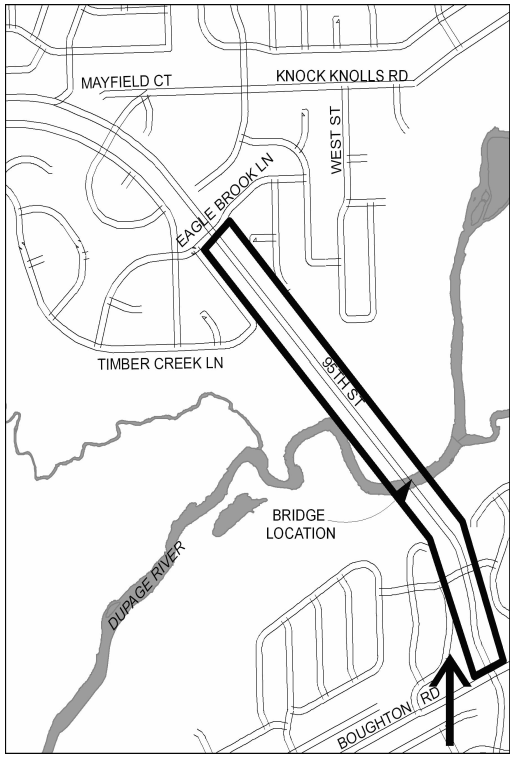
Project Purpose:

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

This project supports the implementation of the 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 accommodate a new roadway alignment across the DuPage River providing a new traffic corridor between Boughton Road and Plainfield-Naperville Road. The first stage of the project, north of the bridge, was constructed in association with the Timber Creek Subdivision. Total costs for the project, including engineering, land acquisition and construction, are approximately $31.0 million. The City is sharing 25% of the engineering and construction costs and previously made a portion of its contribution when the first stage of the project was completed. The City's remaining cost share is programmed below. Note: Funding has been reprogrammed for FY 12-13 and FY 13-14.



External Funding Sources Available

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

Projected Timetable

Construction in FY 12-13 and FY 13-14.

Impact on Operating Budget

Will County will maintain the bridge and roadway after improvements.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Unfunded Capital	1,500,000	3,502,000	0	0	0	5,002,000
Subtotal	1,500,000	3,502,000	0	0	0	5,002,000
					Prior Year(s) Expenditures	0
					Total All Sources	5,002,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	0	0	0	1,500,000	3,502,000	0	0	0	5,002,000
Subtotal	0	0	0	1,500,000	3,502,000	0	0	0	5,002,000
								Prior Year(s) Expenditures	0
								Total Project Cost	5,002,000

Project Number: BR028 **Project Title:** Columbia Street Bridge Rehabilitation

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

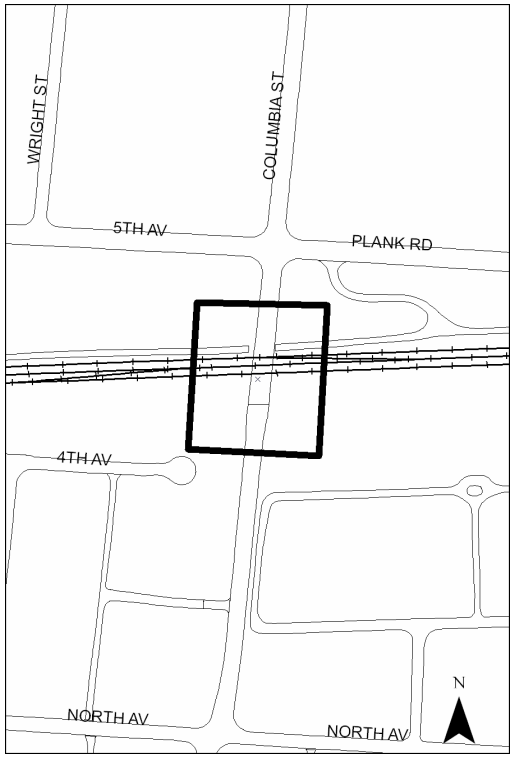
Project Purpose: **Criteria** **WF Number:** (none)

This project supports the implementation of the Traffic Safety component of the Comprehensive Transportation Plan. Need

FUNCTION(S): Preservation and Safety.

Project Narrative:

This project consists of bridge repairs and erosion control improvements including sidewalk rehabilitation, slope wall repairs, bridge railing replacement, general concrete repairs and the placement of stone riprap. The sidewalk work will involve the structural rehabilitation of the beam under the bridge deck. This is critical to prevent significant deterioration of the bridge deck. The bridge joint and pavement resurfacing work was completed in FY09-10. An engineering firm was hired by the city in FY11-12 to complete the design and construction engineering for the remainder of the bridge repair work; construction of this work will occur in FY12-13. NOTE: Construction cost was lowered based on revised estimate in 2011.



External Funding Sources Available

None

Projected Timetable

Construction Engineering/Permitting completed in FY11-12. Construction in FY12-13.

Impact on Operating Budget

This project will reduce the operating budget for the first few years after construction. Afterwards, the maintenance costs will return to current costs.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	(95)	(95)	(95)	(95)	(95)	(475)
Subtotal	(95)	(95)	(95)	(95)	(95)	(475)
					Prior Year(s) Impact	0
					Total Project Impact	(475)

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Unfunded Capital	200,000	0	0	0	0	200,000
Subtotal	200,000	0	0	0	0	200,000
					Prior Year(s) Expenditures	254,430
					Total All Sources	454,430

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	143,894	0	0	200,000	0	0	0	0	200,000
Engineering	60,800	110,000	49,736	0	0	0	0	0	0
Subtotal	204,694	110,000	49,736	200,000	0	0	0	0	200,000
								Prior Year(s) Expenditures	254,430
								Total Project Cost	454,430

Project Number: BR031 **Project Title:** Downtown Washington Street Bridge Rehabilitation

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

Project Purpose:

This project supports the implementation of the Road Improvement Plan. FUNCTION(S): Safety, Preservation

Criteria

Funding, Need

WF Number:

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 need to be evaluated to determine an appropriate scope of work. The total cost of the project, including engineering, land acquisition, and construction is estimated range from $2,000,000 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.

External Funding Sources Available

Federal Highway Administraton (Bridge Replacement & Rehabilitiation Program)

Projected Timetable

Bridge Condition Evaluation in FY13-14. Preliminary Engineering in FY15-16.

Impact on Operating Budget

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

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Unfunded Capital	0	30,900	0	327,818	0	358,718
Subtotal	0	30,900	0	327,818	0	358,718
					Prior Year(s) Expenditures	0
					Total All Sources	358,718

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Engineering	0	0	0	0	30,900	0	327,818	0	358,718
Subtotal	0	0	0	0	30,900	0	327,818	0	358,718
								Prior Year(s) Expenditures	0
								Total Project Cost	358,718

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

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

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.

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

Project Narrative:

This project involves the construction of a bikeway on the west side of Book Road from Leverenz Road to the north property line of 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 $1,400,000 to $1,500,000 (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.

External Funding Sources Available

None

Projected Timetable

Design Engineering in FY14-15; Land Acquisition in FY14-15 and 15-16; Construction and Construction Engineering in FY16-17.

Impact on Operating Budget

This project will add annual maintenance costs estimated at $945 beginning in FY16-17.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Unfunded Capital	0	0	180,353	278,645	518,860	977,858
Subtotal	0	0	180,353	278,645	518,860	977,858
					Prior Year(s) Expenditures	482,149
					Total All Sources	1,460,007

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	452,149	0	0	0	0	0	0	441,200	441,200
Engineering	30,000	0	0	0	0	83,811	0	77,660	161,471
Land Acquisition	0	0	0	0	0	96,542	278,645	0	375,187
Subtotal	482,149	0	0	0	0	180,353	278,645	518,860	977,858
								Prior Year(s) Expenditures	482,149
								Total Project Cost	1,460,007

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

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

Project Purpose:

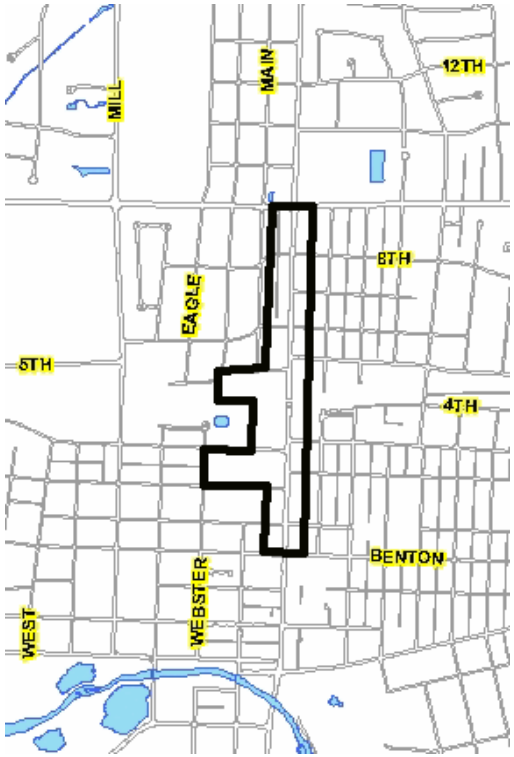
This project supports the Pedestrian component of the Comprehensive Transportation Plan and the implementation of the 5th Avenue Study. FUNCTION(S): Bicycle and Pedestrian.

Criteria
Coordination

WF Number:

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 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. Total costs for the project, including engineering and construction, range from $775,000 to $825,000.



External Funding Sources Available

None

Projected Timetable

Design Engineering in FY15-16. Construction and Construction Engineering FY16-17 through FY18-19.

Impact on Operating Budget

The introduction of additional landscaping and specialty pavements will increase maintenance cost. Costs will be assessed upon final design details. Budget estimate is $2,000 per block.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	0	0	0	0	12,000	12,000
Subtotal	0	0	0	0	12,000	12,000
					Prior Year(s) Impact	0
					Total Project Impact	12,000

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Unfunded Capital	0	0	0	38,245	299,385	337,631
Subtotal	0	0	0	38,245	299,385	337,631
					Prior Year(s) Expenditures	0
					Total All Sources	337,631

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	0	0	0	0	0	0	0	270,122	270,122
Engineering	0	0	0	0	0	0	38,245	29,263	67,509
Subtotal	0	0	0	0	0	0	38,245	299,385	337,631
								Prior Year(s) Expenditures	0
								Total Project Cost	337,631

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

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

Project Purpose:

This project supports the implementation of the 2008 Strategic Plan Goal #17 and the Parking component of the Comprehensive Transportation Plan. FUNCTION(s): Congestion Reduction.

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

Project Narrative:

This project involves building a parking garage with an estimated 555 stalls (445 public stalls, 110 private stalls). It also includes renovating and improving the Riverwalk on the south side of the river from the covered bridge to Main Street. Construction of the garage will be completed as part of the proposed Water Street District Development. The budgeted amount is the City's estimated share of the construction costs and will be modified based on the final negotiation of the Development Agreement. The developer will fund public improvements until the Tax Increment Financing (TIF) revenue bond issuance. NOTE: Construction of this project has been reprogrammed to FY14-15 and is dependent upon the start of the Water Street District development.

External Funding Sources Available

None

Projected Timetable

Construction of the Water Street Deck is tentatively expected to begin construction in FY14-15 depending upon the developer's schedule.

Impact on Operating Budget

A new 550 space parking deck will add annual maintenance and operating costs. The estimated cost is $167,000 per year beginning in FY15-16. Note: FY15-16 operating costs are $80,000 to account for less than one year of service.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	0	0	0	80,000	167,000	247,000
Subtotal	0	0	0	80,000	167,000	247,000
					Prior Year(s) Impact	0
					Total Project Impact	247,000

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
TIF	0	0	0	0	9,004,072	9,004,072
Unfunded Capital	0	0	4,783,598	0	0	4,783,598
Subtotal	0	0	4,783,598	0	9,004,072	13,787,670
					Prior Year(s) Expenditures	0
					Total All Sources	13,787,670

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	0	0	0	0	0	4,783,598	0	9,004,072	13,787,670
Subtotal	0	0	0	0	0	4,783,598	0	9,004,072	13,787,670
								Prior Year(s) Expenditures	0
								Total Project Cost	13,787,670

Project Number: MB163 **Project Title:** Downtown Parking Solution

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

Project Purpose:

This project supports the implementation of the 2008 Strategic Plan Initiative #16, the Continuous Improvement Model for Downtown Parking and the Downtown Plan. FUNCTION(S): Reduce Congestion (parking).

Criteria Coordination, Investment, Need

WF Number:

Project Narrative:

This project involves the construction of a public parking facility in the Downtown Business District to meet the parking needs identified in the Continuous Improvement Model (CIM). Total costs for a 500 space parking deck, including engineering, land acquisition and construction range from $28,000,000 to $30,000,000. The final costs will depend upon the location that is selected and the number of parking spaces provided. The engineering portion of the project will include a public input process to identify the location of the parking facility and discuss the parking deck design and associated costs. The timing of the engineering has been scheduled based upon the results of the 2009 CIM and to coordinate with the Water Street Parking Deck. NOTE: The funding source has been revised to reflect the use of the Downtown Parking Fund.

External Funding Sources Available

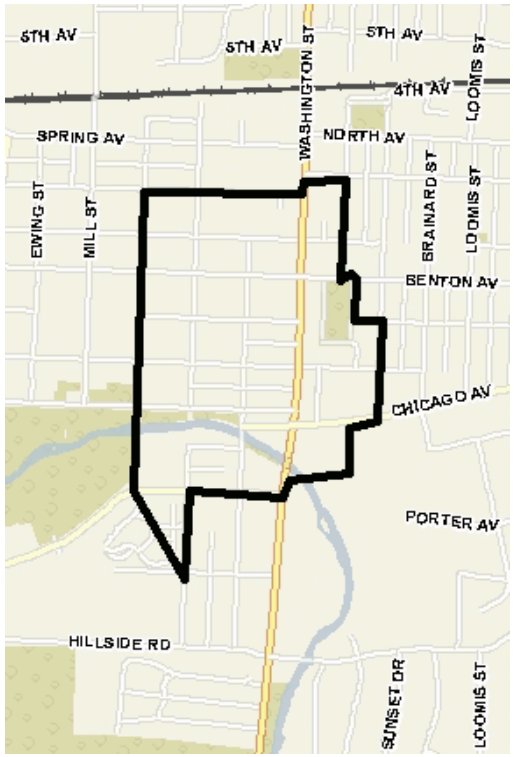
None

Projected Timetable

Preliminary/Design Engineering in FY14-15. Land Acquisition in FY14-15. Construction and Construction Engineering in FY15-16 and 16-17.

Impact on Operating Budget

A new 500 space parking deck will add annual maintenance and operating costs. The estimated cost is $150,000 per year beginning in FY16-17. Note: FY16-17 operating costs are $75,000 to account for less than one year of service.



Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	0	0	0	0	75,000	75,000
Subtotal	0	0	0	0	75,000	75,000
					Prior Year(s) Impact	0
					Total Project Impact	75,000

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Other Operating	0	0	5,631,257	2,869,501	19,891,121	28,391,879
Subtotal	0	0	5,631,257	2,869,501	19,891,121	28,391,879
					Prior Year(s) Expenditures	0
					Total All Sources	28,391,879

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	0	0	0	0	0	0	2,318,767	19,591,735	21,910,502
Engineering	0	0	0	0	0	809,467	550,734	299,385	1,659,587
Land Acquisition	0	0	0	0	0	4,821,791	0	0	4,821,791
Subtotal	0	0	0	0	0	5,631,257	2,869,501	19,891,121	28,391,879
								Prior Year(s) Expenditures	0
								Total Project Cost	28,391,879

Project Number: MB164 **Project Title:** 5th Avenue Area Bus Depot

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

Project Purpose:

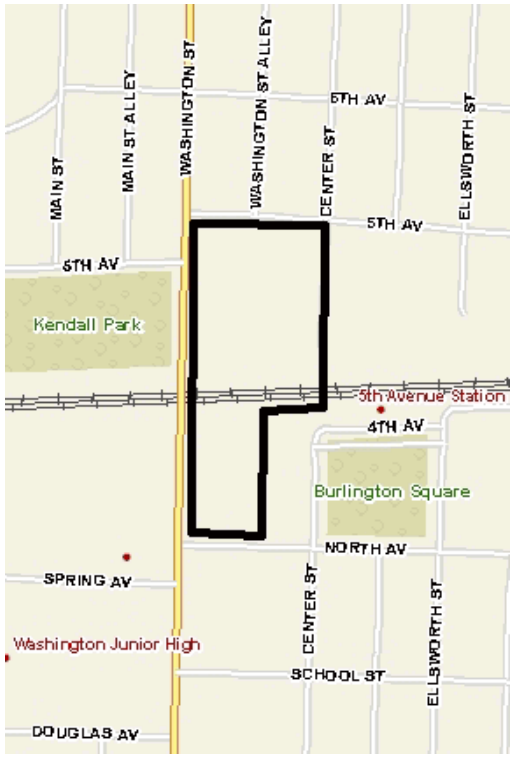
This project supports the implementation of the 5th Avenue Study and the Transit component of the Comprehensive Transportation Plan. FUNCTION(S): Reduce Congestion.

Criteria
Investment, Need

WF Number:

Project Narrative:

This project involves conducting a study to analyze the feasibility of constructing a bus depot in the vicinity of the Naperville Metra Station. Following completion of the study, more detailed design engineering and construction funding amounts for the bus depot plan will be incorporated into the Capital Improvement Program. Total cost for the project, including engineering and construction, ranges from $500,000 to $1.5 million depending upon the access configuration.



External Funding Sources Available

RTA Community Planning Program Grant

Projected Timetable

The Feasibility Study was initiated in May 2011 and is expected to be completed by late winter 2012. Note: The study was budgeted in FY 10-11. Engineering in FY 13-14. Construction in FY 15-16.

Impact on Operating Budget

The anticipated maintenance costs will be determined during the detailed engineering of the improvements.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Commuter Parking Fund	0	159,135	0	1,125,509	0	1,284,644
Subtotal	0	159,135	0	1,125,509	0	1,284,644
					Prior Year(s) Expenditures	79,159
					Total All Sources	1,363,803

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	0	0	79,159	0	0	0	0	0	0
Engineering	0	0	0	0	159,135	0	1,125,509	0	1,284,644
Subtotal	0	0	79,159	0	159,135	0	1,125,509	0	1,284,644
								Prior Year(s) Expenditures	79,159
								Total Project Cost	1,363,803

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

Project Purpose:

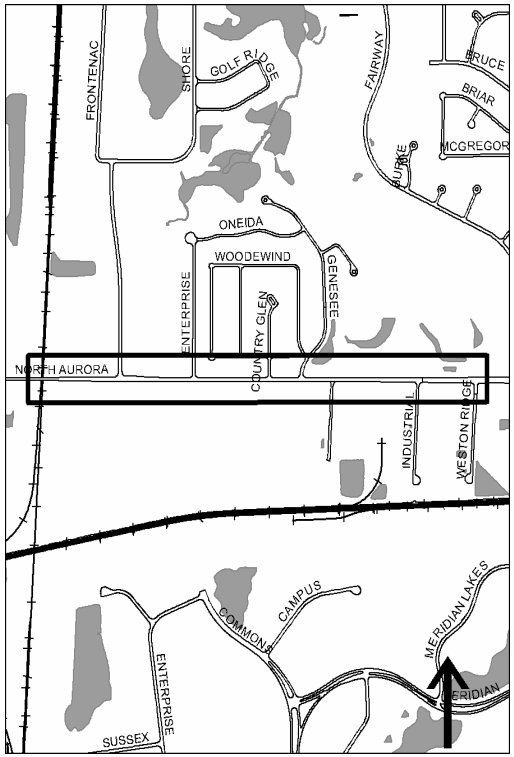
This project supports the implementation of the Road Improvement Plan. FUNCTION(S): Reduce Congestion, Bicycle and Pedestrian, and Safety.

Criteria Coordination, Funding, Investment, Need

WF Number: (none)

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. The total cost of construction for the road improvements is $10.8 million. NOTE: Design Engineering, Land Acquisition, and Construction have been reprogrammed to coordinate with the process required to receive federal funds.



External Funding Sources Available

Naperville Township, Federal STP

Projected Timetable

Preliminary Engineering complete pending federal review. Design Engineering in FY13-14. Land Acquisition in FY13-14 and FY14-15. Construction Engineering in FY15-16, Construction in FY16-17 and FY17-18.

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 $5,000 per year beginning in FY18-19.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	0	0	0	0	5,000	5,000
Subtotal	0	0	0	0	5,000	5,000
					Prior Year(s) Impact	0
					Total Project Impact	5,000

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Other Government	0	154,500	371,315	163,909	2,904,132	3,593,856
Other Road Funding Source	0	0	0	0	2,266,001	2,266,001
Unfunded Capital	0	669,500	689,585	622,854	3,376,527	5,358,466
Subtotal	0	824,000	1,060,900	786,763	8,546,660	11,218,323
					Prior Year(s) Expenditures	371,547
					Total All Sources	11,589,870

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	0	0	0	0	0	0	0	8,546,660	8,546,660
Engineering	306,434	600,000	65,113	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	306,434	600,000	65,113	0	824,000	1,060,900	786,763	8,546,660	11,218,323
								Prior Year(s) Expenditures	371,547
								Total Project Cost	11,589,870

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

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

Project Purpose: **Criteria** **WF Number:** (none)

This project supports the Road Improvement Plan and Annexation Agreements for the 248th Assemblage. Need

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. This project will be phased to coordinate with adjacent redevelopment in accordance with the Annexation Agreements for the 248th Assemblage. The initial phase of the work will construct the east side of the new roadway. The balance of the improvement will be installed in coordination with the assemblage. NOTE: The continued deterioration of the existing rural roadway has prompted a need to reprogram the project into FY13-14.

External Funding Sources Available

None

Projected Timetable

Construction of the east half of the road from 103rd to 95th Street in FY13-14 and FY14-15.

Impact on Operating Budget

The initial stage of this project will replace the existing road, thus create no change in current operational expenses.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Other Road Funding Source	0	2,200,000	2,200,000	0	0	4,400,000
Subtotal	0	2,200,000	2,200,000	0	0	4,400,000
					Prior Year(s) Expenditures	7,269,772
					Total All Sources	11,669,772

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	6,866,962	0	0	0	2,200,000	2,200,000	0	0	4,400,000
Engineering	402,810	0	0	0	0	0	0	0	0
Subtotal	7,269,772	0	0	0	2,200,000	2,200,000	0	0	4,400,000
								Prior Year(s) Expenditures	7,269,772
								Total Project Cost	11,669,772

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

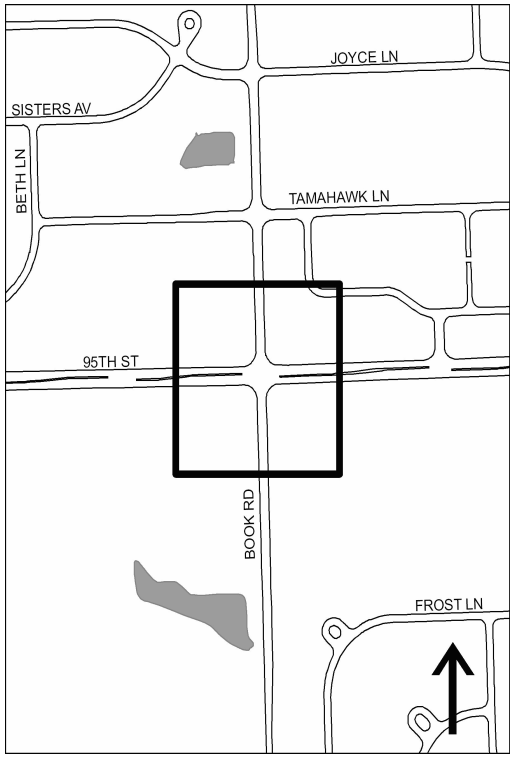
Department Name: Transportation, Engineering & Development **CIP Status:** Changed - Non Recurring **Category Code:** C **Sector:** Southwest

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

This project supports the implementation of 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. NOTE: Costs have been revised based on current estimates.



External Funding Sources Available

None

Projected Timetable

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

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 FY16-17.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	0	0	0	0	1,350	1,350
Subtotal	0	0	0	0	1,350	1,350
					Prior Year(s) Impact	0
					Total Project Impact	1,350

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Unfunded Capital	0	0	107,151	236,029	1,828,952	2,172,132
Subtotal	0	0	107,151	236,029	1,828,952	2,172,132
					Prior Year(s) Expenditures	0
					Total All Sources	2,172,132

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	0	0	0	0	0	0	0	1,631,988	1,631,988
Engineering	0	0	0	0	0	107,151	143,147	196,964	447,262
Land Acquisition	0	0	0	0	0	0	92,882	0	92,882
Subtotal	0	0	0	0	0	107,151	236,029	1,828,952	2,172,132
								Prior Year(s) Expenditures	0
								Total Project Cost	2,172,132

Project Number: SC220 **Project Title:** Route 59 Improvement: Aurora Avenue to Ferry Road

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

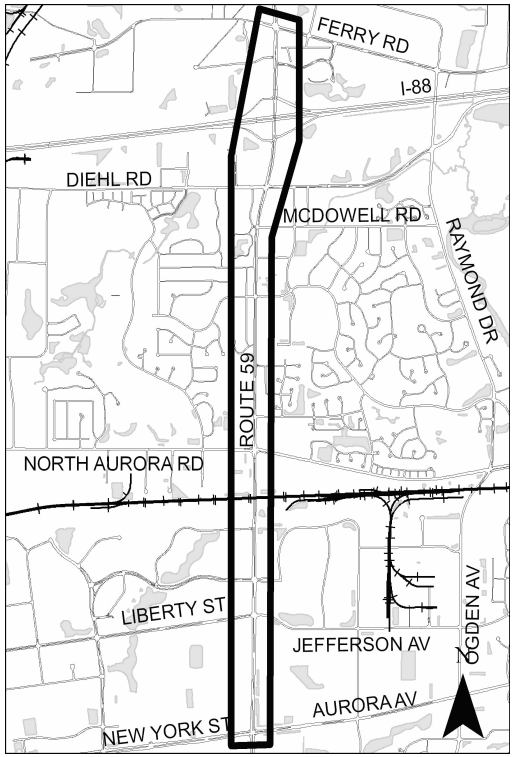
Project Purpose:

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

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

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. NOTE: Construction costs have been revised to match the proposed funding requirements of IDOT. A developer contribution has been added for the installation of a traffic signal at Jefferson and Westridge Plaza.



External Funding Sources Available

Illinois Department of Transportation, Developers

Projected Timetable

Construction in FY 12-13 and FY 13-14.

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

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	0	0	4,500	4,500	4,500	13,500
Subtotal	0	0	4,500	4,500	4,500	13,500
					Prior Year(s) Impact	0
					Total Project Impact	13,500

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Developer Contribution	250,000	0	0	0	0	250,000
Other Road Funding Source	2,200,000	0	0	0	0	2,200,000
Unfunded Capital	0	2,111,500	0	0	0	2,111,500
Subtotal	2,450,000	2,111,500	0	0	0	4,561,500
					Prior Year(s) Expenditures	928,014
					Total All Sources	5,489,514

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	0	0	0	2,450,000	2,111,500	0	0	0	4,561,500
Engineering	906,613	0	14,180	0	0	0	0	0	0
Services	7,222	0	0	0	0	0	0	0	0
Subtotal	913,834	0	14,180	2,450,000	2,111,500	0	0	0	4,561,500
								Prior Year(s) Expenditures	928,014
								Total Project Cost	5,489,514

Project Number: SC240 **Project Title:** Main Street: Benton to Van Buren

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

Project Purpose:

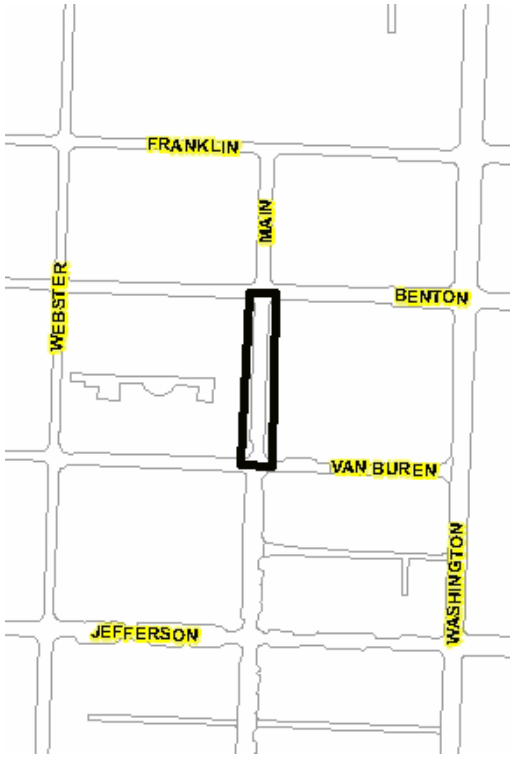
This project supports the implementation of the Downtown Plan and pavement maintenance. FUNCTION(S): Infrastructure Maintenance/Preservation

Criteria Coordination, Funding

WF Number:

Project Narrative:

This project will involve street construction work for one block of Main Street including replacement of storm sewer on Benton Avenue. Coordination will occur with the Naper-Main and the Main Street Promenade developments. Each developer will install new sidewalks, curbs and other street and parkway features as defined by the Downtown Plan Guidelines with the respective developments. The City's share of the cost is associated with the reconstruction of the street pavement. NOTE: Construction will be coordinated with the adjacent retail/private development projects.



External Funding Sources Available

None

Projected Timetable

Construction in FY14-15 pending start of adjacent developments.

Impact on Operating Budget

Annual maintenance of $2,000 will be added for streetscape elements.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	0	0	0	2,000	2,000	4,000
Subtotal	0	0	0	2,000	2,000	4,000
					Prior Year(s) Impact	0
					Total Project Impact	4,000

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Unfunded Capital	0	0	185,658	0	0	185,658
Subtotal	0	0	185,658	0	0	185,658
					Prior Year(s) Expenditures	0
					Total All Sources	185,658

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	0	0	0	0	0	164,440	0	0	164,440
Engineering	0	0	0	0	0	21,218	0	0	21,218
Subtotal	0	0	0	0	0	185,658	0	0	185,658
								Prior Year(s) Expenditures	0
								Total Project Cost	185,658

Project Number: SL134 **Project Title:** 5th Avenue Area Pedestrian Lighting

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

Project Purpose:

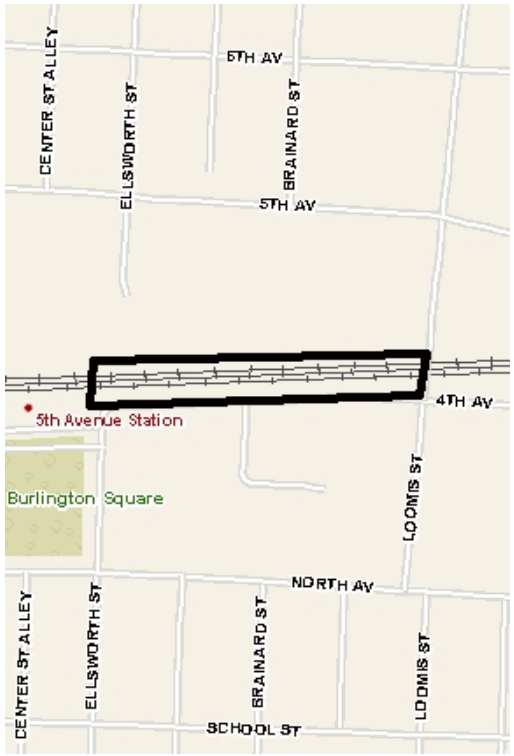
This project supports the implementation of the Fifth Avenue Study and the Pedestrian component of the Comprehensive Transportation Plan. FUNCTION(S): Bicycle and Pedestrian.

Criteria Need

WF Number:

Project Narrative:

This project involves the installation of pedestrian lighting along key commuter walk routes in the vicinity of the Naperville Metra station.



External Funding Sources Available

None

Projected Timetable

Design Engineering in FY12-13. Construction in FY13-14.

Impact on Operating Budget

Estimated energy and maintenance costs are $240 per year.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	0	240	240	240	240	960
Subtotal	0	240	240	240	240	960
					Prior Year(s) Impact	0
					Total Project Impact	960

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Commuter Parking Fund	25,000	92,700	0	0	0	117,700
Subtotal	25,000	92,700	0	0	0	117,700
					Prior Year(s) Expenditures	0
					Total All Sources	117,700

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	0	0	0	0	92,700	0	0	0	92,700
Engineering	0	0	0	25,000	0	0	0	0	25,000
Subtotal	0	0	0	25,000	92,700	0	0	0	117,700
								Prior Year(s) Expenditures	0
								Total Project Cost	117,700

Project Number: SW011 **Project Title:** Huffman Street/Steeple Run Watershed Improvements

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

Project Purpose:

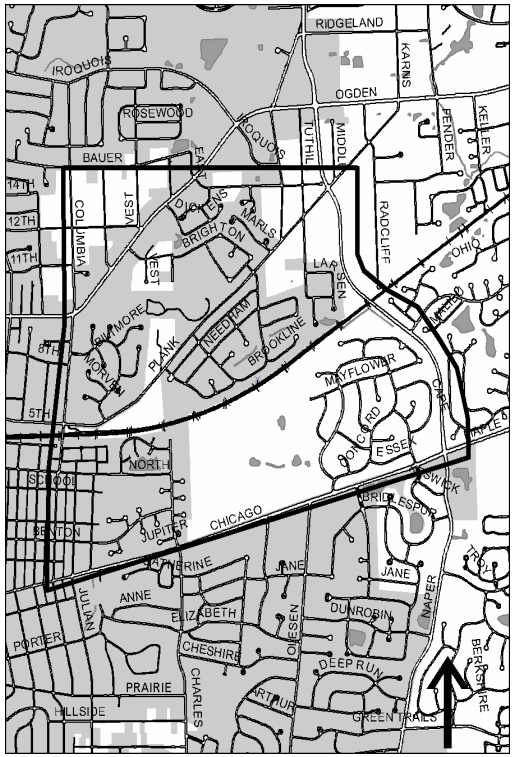
This project supports the implementation of the Steeple Run Watershed study. FUNCTION(S): Stormwater and Safety.

Criteria Funding, Mandate, Investment, Need

WF Number: (none)

Project Narrative:

This project involved the construction of storm sewer system improvements and improved stormwater detention facilities to relieve damaging flooding in the Steeple Run Watershed. Improvements included: providing additional storm water storage at Country Commons Park, enlargement of the Old Plank Park basin, drainage improvements in the Spring Hill subdivision, and the installation of a new oversized storm sewer along Huffman Street. The final improvement, under construction in 2012, will be the installation of a flood wall along the southwest edge of the Country Commons Park basin to improve the integrity of the reservoir. Note: Funding for construction has been reprogrammed to FY 12-13 to account for permitting delays.



External Funding Sources Available

DuPage County

Projected Timetable

Construction Engineering of the Country Commons floodwall in FY11-12. Construction of the floodwall in FY12-13.

Impact on Operating Budget

This work increases maintenance costs needed to maintain the pumping stations and stormwater control features.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	10,000	12,000	12,000	12,000	12,000	58,000
Subtotal	10,000	12,000	12,000	12,000	12,000	58,000
					Prior Year(s) Impact	0
					Total Project Impact	58,000

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Unfunded Capital	2,370,000	0	0	0	0	2,370,000
Subtotal	2,370,000	0	0	0	0	2,370,000
					Prior Year(s) Expenditures	11,657,105
					Total All Sources	14,027,105

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	5,807,575	2,370,000	2,174,148	2,370,000	0	0	0	0	2,370,000
Engineering	1,465,115	180,000	117,899	0	0	0	0	0	0
Land Acquisition	2,088,390	0	0	0	0	0	0	0	0
Services	3,978	0	0	0	0	0	0	0	0
Subtotal	9,365,058	2,550,000	2,292,046	2,370,000	0	0	0	0	2,370,000
								Prior Year(s) Expenditures	11,657,105
								Total Project Cost	14,027,105

Project Number: TC037 **Project Title:** Osler Drive and West Street

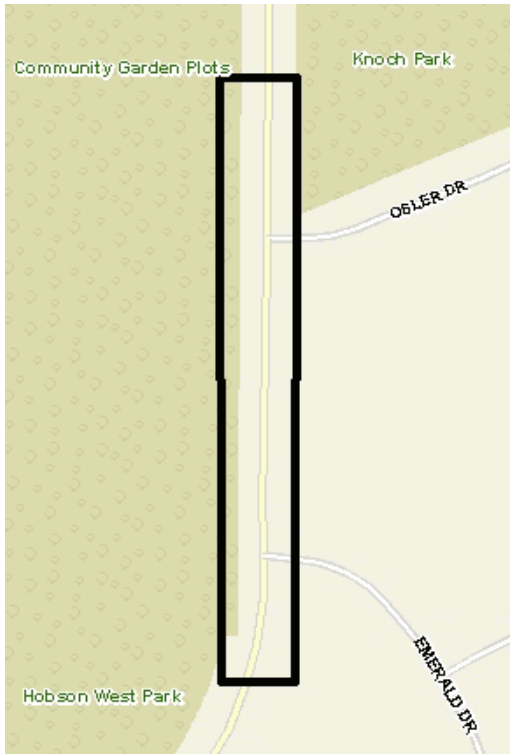
Department Name: Transportation, Engineering & Development **CIP Status:** Changed - Non Recurring **Category Code:** C **Sector:** Northwest

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

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

Project Narrative:

This project will include the installation of a new traffic signal at the intersection of Osler Drive and West Street and interconnect to the existing signal at Martin Avenue and West Street. The project will also include the construction of a right turn lane on Emerald Drive at West Street. Edward Hospital and the Naperville Park District will share in the cost of the engineering and construction of the traffic signal. Edward Hospital will share in the operating expenses related to the traffic signal. NOTE: The start of the project has moved to FY15-16.



External Funding Sources Available

Edward Hospital, Naperville Park District

Projected Timetable

Design Engineering in FY15-16. Construction in FY17-18.

Impact on Operating Budget

The new signal will add annual maintenance and operating costs ($1,220) and the right turn lane will add 0.03 lane miles of pavement to the city's system, increasing pavement maintenance and snow plowing costs ($50) beginning in FY17-18.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Developer Contribution	0	0	0	44,802	0	44,802
Subtotal	0	0	0	44,802	0	44,802
					Prior Year(s) Expenditures	16,473
					Total All Sources	61,275

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	0	0	0	0	0	0	0	0	0
Engineering	16,473	0	0	0	0	0	44,802	0	44,802
Subtotal	16,473	0	0	0	0	0	44,802	0	44,802
								Prior Year(s) Expenditures	16,473
								Total Project Cost	61,275

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

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

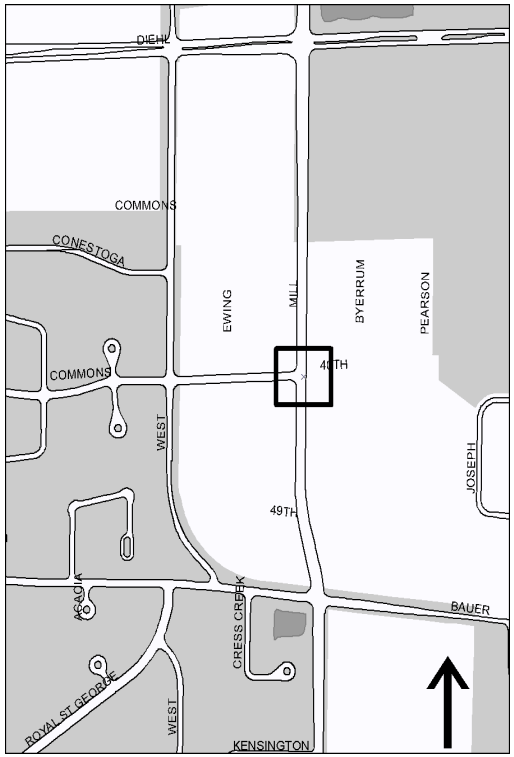
Project Purpose:

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

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

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.



External Funding Sources Available

Naperville Park District, Future Developer Recapture (west side)

Projected Timetable

Construction of the turn lanes was budgeted in FY10-11 and completed in FY11-12. Design Engineering in FY15-16. Construction in FY16-17.

Impact on Operating Budget

This project will add annual traffic signal maintenance and operating costs estimated at $2,440 beginning in FY16-17. NOTE: FY16-17 operating costs are $1830 to account for less than one year of operations and maintenance.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	0	0	0	0	1,830	1,830
Subtotal	0	0	0	0	1,830	1,830
					Prior Year(s) Impact	0
					Total Project Impact	1,830

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Other Government	0	0	0	7,649	73,158	80,807
Unfunded Capital	0	0	0	26,225	247,612	273,837
Subtotal	0	0	0	33,875	320,770	354,645
					Prior Year(s) Expenditures	677,033
					Total All Sources	1,031,677

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	0	0	621,953	0	0	0	0	320,770	320,770
Engineering	55,079	0	0	0	0	0	33,875	0	33,875
Subtotal	55,079	0	621,953	0	0	0	33,875	320,770	354,645
								Prior Year(s) Expenditures	677,033
								Total Project Cost	1,031,677

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

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

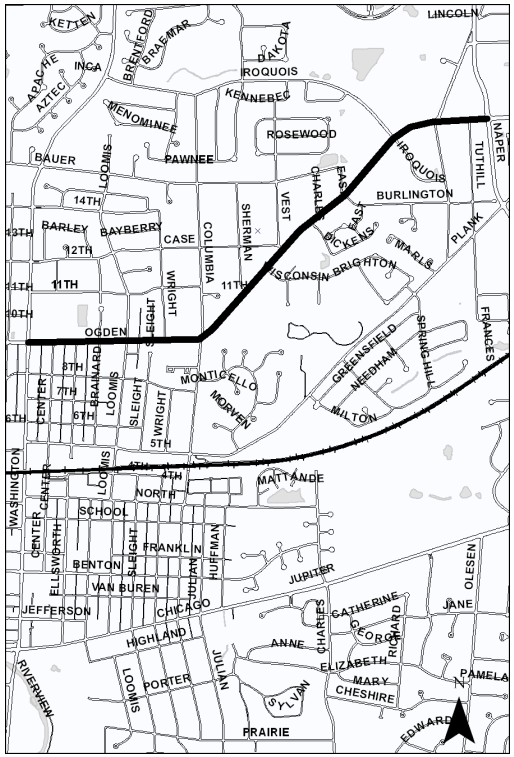
Project Purpose:

This project supports the implementation of the 2008 Strategic Plan Initiative # 7 and 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 ADA standards. The Illinois Department of Transportation 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. These elements will be programmed and budgeted once details are refined and a funding source is identified. NOTE: The year of construction has been adjusted to match IDOT's resurfacing schedule.



External Funding Sources Available

None

Projected Timetable

Construction in FY 16-17

Impact on Operating Budget

The project involves replacement of existing sidewalk. Maintenance costs will not increase.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Unfunded Capital	0	0	0	0	112,551	112,551
Subtotal	0	0	0	0	112,551	112,551
					Prior Year(s) Expenditures	296,671
					Total All Sources	409,222

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	188,322	0	0	0	0	0	0	112,551	112,551
Engineering	108,349	0	0	0	0	0	0	0	0
Subtotal	296,671	0	0	0	0	0	0	112,551	112,551
								Prior Year(s) Expenditures	296,671
								Total Project Cost	409,222

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

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

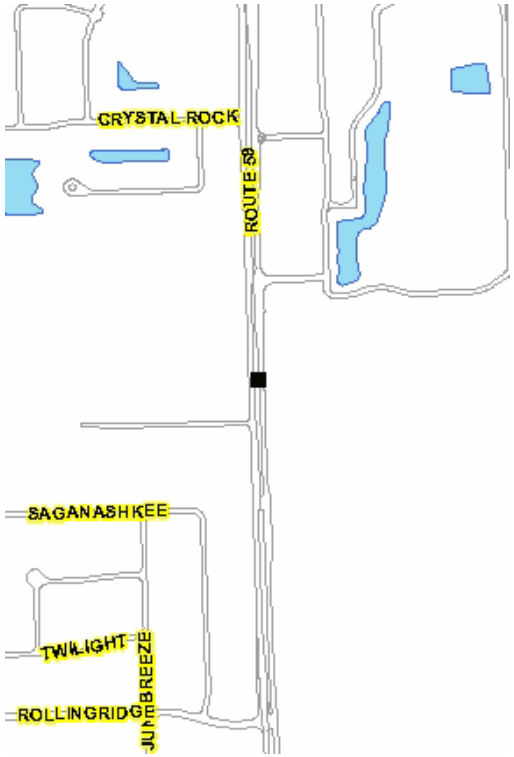
Project Purpose: **Criteria** **WF Number:**

This project supports the implementation of the Traffic Safety component of the Comprehensive Transportation Plan. Need

FUNCTION(S): Safety.

Project Narrative:

This project involves reconfiguring the intersection of Route 59 and Lacrosse Lane to three-quarter access, meaning that the right in, right out and left in turning movements would be allowed and the left out would be prohibited. NOTE: The city received a Highway Safety Improvement Program (HSIP) Grant from the Illinois Department of Transportation in 2011 to engineer and construct this project. A traffic signal could be constructed in lieu of the restricted access if the property owners on the east side of Route 59 fulfill the obligation outlined in the annexation agreement.



External Funding Sources Available

Highway Safety Improvement Program Grant (Federal)

Projected Timetable

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

Impact on Operating Budget

This project will not impact the operating budget because Route 59 is under the jurisdiction of the Illinois Department of Transportation and the side streets are private.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Other Government	72,000	504,700	0	0	0	576,700
Unfunded Capital	8,000	56,650	0	0	0	64,650
Subtotal	80,000	561,350	0	0	0	641,350
					Prior Year(s) Expenditures	69,153
					Total All Sources	710,503

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	0	0	0	0	520,150	0	0	0	520,150
Engineering	39,810	66,000	29,343	80,000	41,200	0	0	0	121,200
Subtotal	39,810	66,000	29,343	80,000	561,350	0	0	0	641,350
								Prior Year(s) Expenditures	69,153
								Total Project Cost	710,503

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

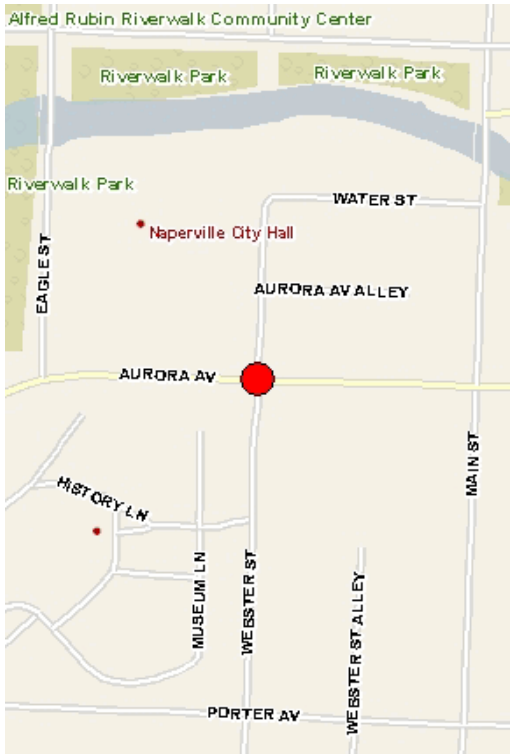
Department Name: Transportation, Engineering & Development **CIP Status:** Changed - Non Recurring **Category Code:** C **Sector:** Northwest

Project Purpose: **Criteria** Funding **WF Number:**

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. Traffic signal warrants may be met when the Water Street District Project is complete. NOTE: The project has been reprogrammed based upon the anticipated schedule of the Water Street District development.



External Funding Sources Available

Water Street Developer

Projected Timetable

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

Impact on Operating Budget

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

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	0	0	0	2,440	2,440	4,880
Subtotal	0	0	0	2,440	2,440	4,880
					Prior Year(s) Impact	0
					Total Project Impact	4,880

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Developer Contribution	0	0	7,957	68,295	0	76,252
Unfunded Capital	0	0	23,870	204,886	0	228,757
Subtotal	0	0	31,827	273,182	0	305,009
					Prior Year(s) Expenditures	0
					Total All Sources	305,009

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	0	0	0	0	0	0	273,182	0	273,182
Engineering	0	0	0	0	0	31,827	0	0	31,827
Subtotal	0	0	0	0	0	31,827	273,182	0	305,009
								Prior Year(s) Expenditures	0
								Total Project Cost	305,009

Project Number: TC211 **Project Title:** 5th Avenue Area Multi-Modal Improvements

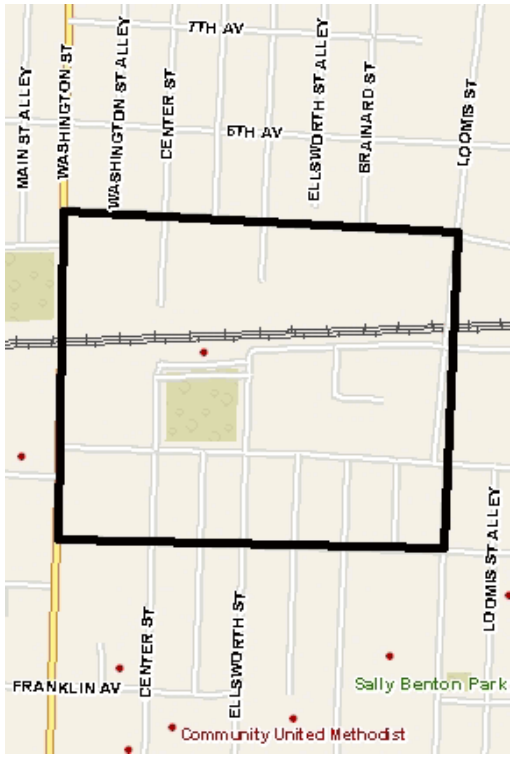
Department Name: Transportation, Engineering & Development **CIP Status:** Changed - Non Recurring **Category Code:** C **Sector:** Northeast

Project Purpose: **Criteria** Need **WF Number:**

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

Project Narrative:

This project involves improvements to multi-modal circulation and access near the Naperville Metra station. The improvements include the modification and installation of pavement markings and signage and the construction of curb bulb-outs. NOTE: The funding source was changed to utilize the Commuter Parking Fund.



External Funding Sources Available

None

Projected Timetable

Design Engineering in FY13-14. Construction in FY14-15.

Impact on Operating Budget

The work included in this project will include the removal and installation of signage, striping and curb and gutter. Therefore, there will be no net increase in maintenance costs.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Commuter Parking Fund	0	12,360	95,481	0	0	107,841
Subtotal	0	12,360	95,481	0	0	107,841
					Prior Year(s) Expenditures	0
					Total All Sources	107,841

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	0	0	0	0	0	95,481	0	0	95,481
Engineering	0	0	0	0	12,360	0	0	0	12,360
Subtotal	0	0	0	0	12,360	95,481	0	0	107,841
								Prior Year(s) Expenditures	0
								Total Project Cost	107,841

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

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

Project Purpose: **Criteria** Need **WF Number:**

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 project was modified to reflect full funding by the SSA.

External Funding Sources Available

None

Projected Timetable

Design Engineering in FY12-13. Construction in FY13-14.

Impact on Operating Budget

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

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
SSA Fund	12,500	90,125	0	0	0	102,625
Unfunded Capital	12,500	90,125	0	0	0	102,625
Subtotal	25,000	180,250	0	0	0	205,250
					Prior Year(s) Expenditures	0
					Total All Sources	205,250

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	0	0	0	0	180,250	0	0	0	180,250
Engineering	0	0	0	25,000	0	0	0	0	25,000
Subtotal	0	0	0	25,000	180,250	0	0	0	205,250
								Prior Year(s) Expenditures	0
								Total Project Cost	205,250

Project Number: TC214 **Project Title:** 111th St/Hassert Blvd and Chokeberry Drive Traffic Signal

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

Project Purpose:

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

Criteria
Investment, Need

WF Number:

Project Narrative:

The purpose of the project is to design and install a new traffic signal at the 111th St./Hassert Blvd and Chokeberry Drive intersection. This signal will primarily provide improved access to the High Meadow and South Pointe subdivisions. Access to the Harmony Grove and Saddle Creek subdivisions will also be improved. This project replaces TC165 - 111th Street/Hassert Blvd and Thatcher Drive Traffic Signal. An evaluation of various locations for signalized access (including Thatcher Drive) determined that the Chokeberry Drive intersection had the highest traffic benefits.

External Funding Sources Available

None

Projected Timetable

Construction in FY12-13.

Impact on Operating Budget

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

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	1,220	2,440	2,440	2,440	2,440	10,980
Subtotal	1,220	2,440	2,440	2,440	2,440	10,980
					Prior Year(s) Impact	0
					Total Project Impact	10,980

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Unfunded Capital	250,000	0	0	0	0	250,000
Subtotal	250,000	0	0	0	0	250,000
					Prior Year(s) Expenditures	0
					Total All Sources	250,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	0	0	0	250,000	0	0	0	0	250,000
Engineering	0	35,000	0	0	0	0	0	0	0
Subtotal	0	35,000	0	250,000	0	0	0	0	250,000
								Prior Year(s) Expenditures	0
								Total Project Cost	250,000

Project Number: TC215 **Project Title:** Ogden Avenue and Fort Hill Drive Pedestrian Signal

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

Project Purpose:

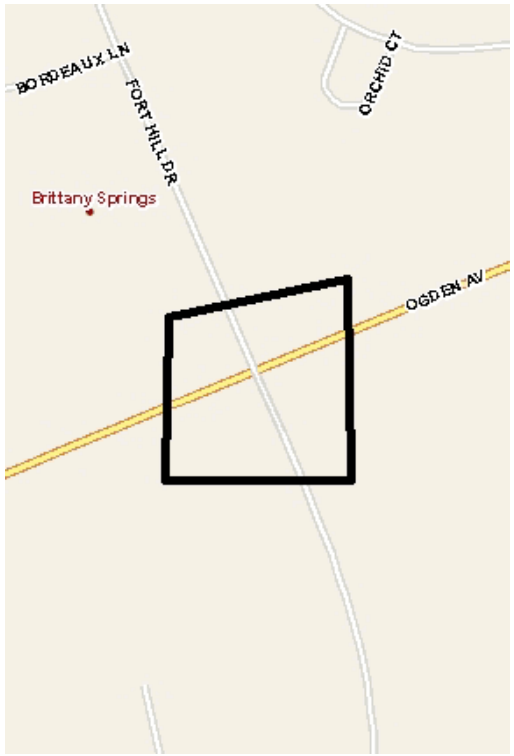
This project supports the implementation of the Traffic Safety component of the Comprehensive Transportation Plan.
FUNCTION(S): Bicycle and Pedestrian, and Safety.

Criteria
Investment, Need

WF Number:

Project Narrative:

The purpose of the project is to install a pedestrian signal and the sidewalk necessary to cross Ogden Avenue at Fort Hill Drive. Residents in the adjacent subdivisions have requested pedestrian accommodations at this location. The nearest signalized crossings of Ogden Avenue are located 1,900 feet to the west and 3,500 feet to the east, respectively. Signal improvement will have to be permitted through the Illinois Department of Transportation. NOTE: Construction costs for FY12-13 have been revised to match the current estimate of cost.



External Funding Sources Available

None

Projected Timetable

Design Engineering completed in FY 11-12; Construction in FY12-13.

Impact on Operating Budget

The new pedestrian indications will add annual energy costs of $20.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	10	20	20	20	20	90
Subtotal	10	20	20	20	20	90
					Prior Year(s) Impact	0
					Total Project Impact	90

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Unfunded Capital	30,000	0	0	0	0	30,000
Subtotal	30,000	0	0	0	0	30,000
					Prior Year(s) Expenditures	0
					Total All Sources	30,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	0	0	0	30,000	0	0	0	0	30,000
Engineering	0	15,000	0	0	0	0	0	0	0
Subtotal	0	15,000	0	30,000	0	0	0	0	30,000
								Prior Year(s) Expenditures	0
								Total Project Cost	30,000

Recurring

Technology

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

Department: **Information Technology**

Page	WF #	Estimated Total Cost	Funding Source		FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
CE034	(none)	Recurring		Geographic Information System (GIS) Land Base Additions					
		63,500	F		63,500	0	0	0	0
		63,500	J		63,500	0	0	0	0
		127,000	U		127,000	0	0	0	0
	Project Total	**254,000**			**254,000**	**0**	**0**	**0**	**0**
CE117		Changed - Recurring		Wide Area Network Equipment Replacement					
		380,000	Q		380,000	0	0	0	0
	Project Total	**380,000**			**380,000**	**0**	**0**	**0**	**0**
CE118		Changed - Recurring		Storage Area Network					
		133,900	Q		0	133,900	0	0	0
	Project Total	**133,900**			**0**	**133,900**	**0**	**0**	**0**
	Department Total	**767,900**			**634,000**	**133,900**	**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) 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

Project Number: CE034 **Project Title:** Geographic Information System (GIS) Land Base Additions

Department Name: Information Technology **CIP Status:** Recurring **Category Code:** B **Sector:** Various

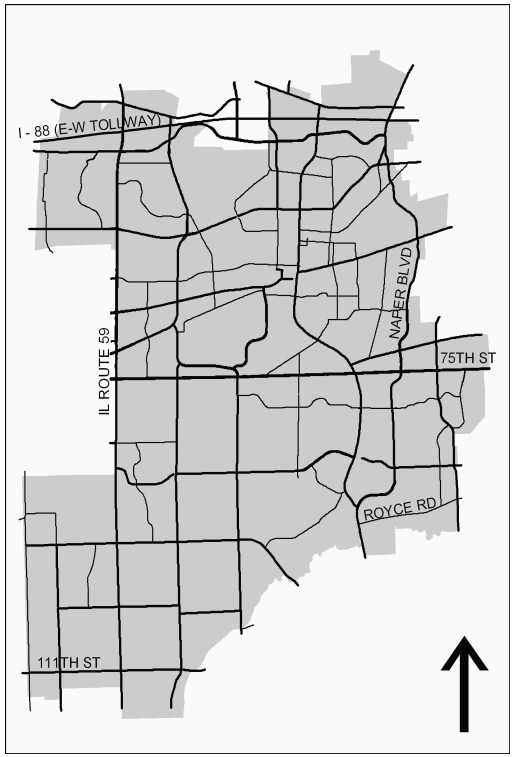
Criteria Medium Priority **WF Number:** (none)

Project Purpose:

The Geographic Information System (GIS) land base includes planimetric data (buildings, roads, etc.), topographic data (contours, elevations) and digital orthophotography (scanned aerial photos). It is used as the basis for nearly all of the City's GIS applications. Due to the growth of the City, the GIS land base needs to be updated on a recurring basis.

Project Narrative:

Previously the City updated the land base every three years, with the last update in FY 2007. In order to reduce budget costs associated with a land base update, City staff recommend a transition to an update on an as-needed basis. In FY 2013 the City will complete a full land base update including topographic, planimetric data, and digital orthophotography. The project to update the GIS land base includes the following key tasks: RFP development and selection of a vendor/consultant, ground control survey and aerial photography, LiDAR (light detection and ranging) data acquisition, development of digital orthophotography and oblique photography, and final delivery of all data products.



External Funding Sources Available

Potential cost sharing with DuPage County

Projected Timetable

RFP specification development - Sept. 2012, Award of contract - Jan. 2013, Aerial photography - Apr. 2013, Initial delivery of data - June 2013, Final data delivery - Aug. 2013.

Impact on Operating Budget

Annual revenue from sales of GIS land base data average about $1,000.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	(1,000)	0	0	0	0	(1,000)
Subtotal	(1,000)	0	0	0	0	(1,000)
					Prior Year(s) Impact	0
					Total Project Impact	(1,000)

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Water Utility	63,500	0	0	0	0	63,500
Electric Utility	63,500	0	0	0	0	63,500
Unfunded Capital	127,000	0	0	0	0	127,000
Subtotal	254,000	0	0	0	0	254,000
					Prior Year(s) Expenditures	268,046
					Total All Sources	522,046

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Engineering	0	0	0	254,000	0	0	0	0	254,000
Equipment& Furnishings	134,017	0	0	0	0	0	0	0	0
Services	134,028	0	0	0	0	0	0	0	0
Subtotal	268,046	0	0	254,000	0	0	0	0	254,000
								Prior Year(s) Expenditures	268,046
								Total Project Cost	522,046

Project Number: CE117 **Project Title:** Wide Area Network Equipment Replacement

Department Name: Information Technology **CIP Status:** Changed - Recurring **Category Code:** A **Sector:** Various

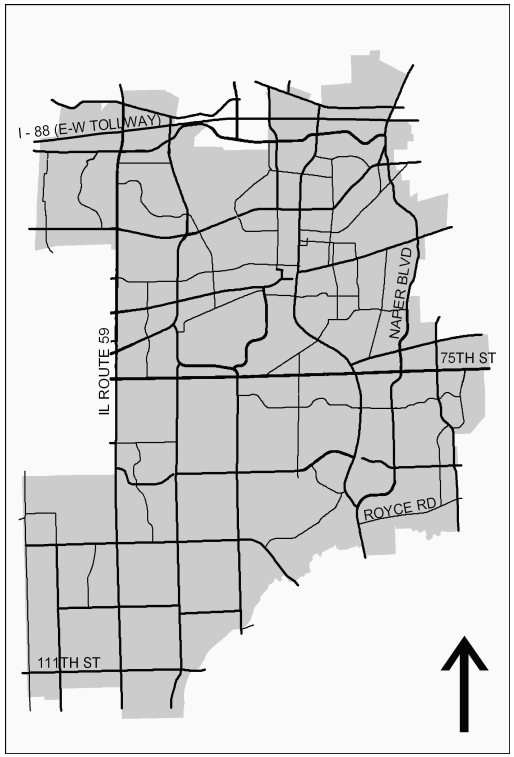
Criteria High Priority **WF Number:**

Project Purpose:

The purpose of this project is to replace the enterprise wide area network (WAN) routers that are the core components in the City's data and voice network. The routers have reached their end of life and will no longer be supported by the manufacturer.

Project Narrative:

The three core network routers for the City's enterprise wide area network will reach the end of their life in November 2012 and will no longer be supported by the manufacturer. They were originally installed in FY 2003 and are located at the Municipal Center, the Electric Service Center and the Police Department. The routers at the Municipal Center and Electric are the key components to the routing of all data and voice traffic over the network. With changes to City's network architecture, the router at the Police Department can be replaced with a less expensive unit with reduced functionality.



External Funding Sources Available

None

Projected Timetable

Release the RFP in July of 2012, and have the installation completed by November of 2012.

Impact on Operating Budget

There will be a slight decrease in the operating budget since the new equipment will be replacing older units which have higher maintenance costs.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	0	(3,000)	(3,000)	(3,000)	(3,000)	(12,000)
Subtotal	0	(3,000)	(3,000)	(3,000)	(3,000)	(12,000)
					Prior Year(s) Impact	0
					Total Project Impact	(12,000)

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Equipment Replacement Fund	380,000	0	0	0	0	380,000
Subtotal	380,000	0	0	0	0	380,000
					Prior Year(s) Expenditures	0
					Total All Sources	380,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Consultant	0	0	0	35,000	0	0	0	0	35,000
Equip. & Furnishing	0	0	0	345,000	0	0	0	0	345,000
Subtotal	0	0	0	380,000	0	0	0	0	380,000
								Prior Year(s) Expenditures	0
								Total Project Cost	380,000

Project Number: CE118 **Project Title:** Storage Area Network

Department Name: Information Technology **CIP Status:** Changed - Recurring **Category Code:** A **Sector:** Various

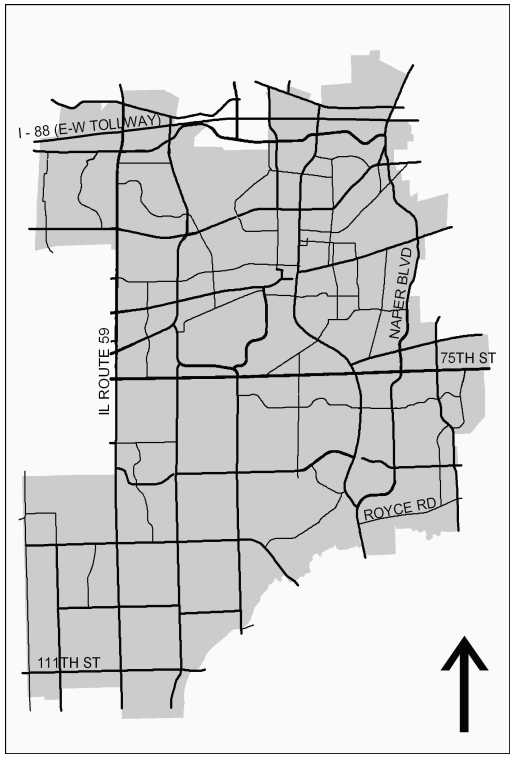
Project Purpose: **Criteria** **WF Number:**

The purpose of this project is to replace the City's Storage Area Network used for data storage that will reach its end of life in FY 2014.

High Priority

Project Narrative:

Most of the City's core business processes are now completely digital which has led to an increasing demand for data storage. In anticipation of the growing demand for data storage capacity the City's current Storage Area Network was implemented in FY 2009. The Storage Area Network 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 in FY 2009 will reach the end of their life and will no longer be supported by the manufacturer in FY 2014.



External Funding Sources Available

None

Projected Timetable

Bid to be released in July of 2013 for installation in November of 2013.

Impact on Operating Budget

This project will be replacing existing equipment so there will be no change on the operating budget.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Equipment Replacement Fund	0	133,900	0	0	0	133,900
Subtotal	0	133,900	0	0	0	133,900
					Prior Year(s) Expenditures	0
					Total All Sources	133,900

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Equip. & Maint.	0	80,000	0	0	133,900	0	0	0	133,900
Subtotal	0	80,000	0	0	133,900	0	0	0	133,900
								Prior Year(s) Expenditures	0
								Total Project Cost	133,900

Naper Settlement

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

Department: **Naper Settlement**

Page	WF #	Estimated Total Cost	Funding Source		FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
NS027	(none)	Changed - Recurring		Site Development					
		96,805	U		0	0	0	37,153	59,652
	Project Total	**96,805**			**0**	**0**	**0**	**37,153**	**59,652**
NS040	(none)	Changed - Recurring		Historic Building Expansion					
		122,004	U		0	0	122,004	0	0
	Project Total	**122,004**			**0**	**0**	**122,004**	**0**	**0**
NS044	(none)	Changed - Recurring		Life Safety and Security Improvements					
		185,000	U		185,000	0	0	0	0
	Project Total	**185,000**			**185,000**	**0**	**0**	**0**	**0**
	Department Total	**403,808**			**185,000**	**0**	**122,004**	**37,153**	**59,652**

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) 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

Project Number: NS027 **Project Title:** Site Development

Department Name: Naper Settlement **CIP Status:** Changed - Recurring **Category Code:** B **Sector:** Northwest

Project Purpose:

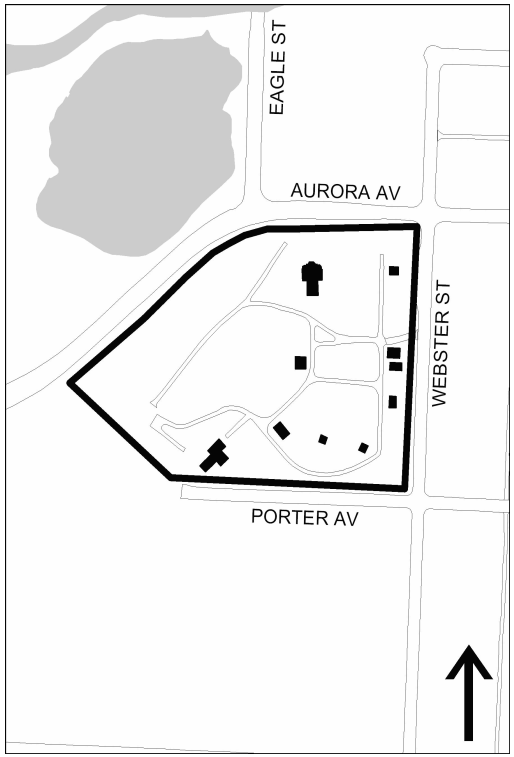
This project provides historical and architectural assessment and research, exhibit design, and rehabilitation to Naper Settlement buildings in order to open them to the public thus expanding the historical experience for museum visitors.

Criteria Customer Satisfaction, Preservation, Educational

WF Number: (none)

Project Narrative:

Restoration and renovation of existing buildings and opening them to the public has been the vision since they were moved onto the City's property over 40 years ago. Work encompasses historical research, design and construction documents, exhibitry and actual implementation. Work on the two planned buildings has been moved out one year for coordination with the long-range site development plan currently being addressed by the Naperville Heritage Society board. The Naper Haight House, a farm laborers' cottage built by John Naper, is scheduled for restoration to begin in FY15-16. Work on the Daniels House, home and medical office of Dr. Hamilton Daniels, is projected to start in FY18-19.



External Funding Sources Available

None

Projected Timetable

Naper Haight House: FY15-16 historical research & architectural assessment; FY16-17 design, construction drawings; FY17-18 renovation/exhibitry. Daniels House: FY18-19 architectural assessment and exhibition development; FY19-21 construction.

Impact on Operating Budget

Increased operating costs for cleaning, utilities, and cyclical care won't affect the budget until FY18-19 at the earliest, following completion of the Naper Haight House renovation. Increased revenue may be realized due to increased site capacity.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Unfunded Capital	0	0	0	37,153	59,652	96,805
Subtotal	0	0	0	37,153	59,652	96,805
					Prior Year(s) Expenditures	51,507
					Total All Sources	148,311

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	51,507	0	0	0	0	0	0	0	0
Consultant	0	0	0	0	0	0	37,153	59,652	96,805
Equip. & Furnishing	0	0	0	0	0	0	0	0	0
Subtotal	51,507	0	0	0	0	0	37,153	59,652	96,805
								Prior Year(s) Expenditures	51,507
								Total Project Cost	148,311

Project Number: NS040 **Project Title:** Historic Building Expansion

Department Name: Naper Settlement **CIP Status:** Changed - Recurring **Category Code:** B **Sector:** Northwest

Project Purpose:

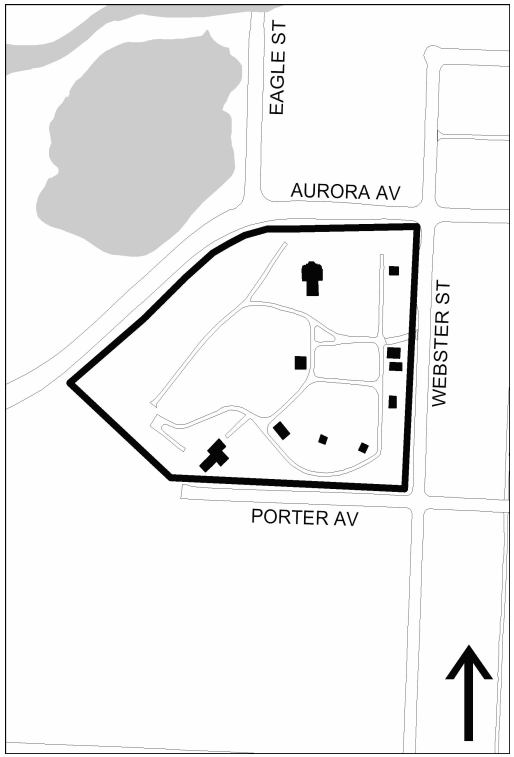
To continue the future build out development of Naper Settlement.

Criteria **WF Number:** (none)

Customer Satisfaction, Accreditation, Preservation, Educational

Project Narrative:

The master site plan development incorporated in the 12/08 approved PUD outlines the Settlement's future growth. This project addresses the City's partnership in the first steps of that development by providing for the infrastructure for the permanent placement of an 1853 structure from Naperville's downtown (28 W. Chicago Avenue) into the museum complex. Outside funding will be sought for the actual restoration of the building. Timing of receipt of the structure is unknown as the owner has not indicated any pending sale or redevelopment plans, therefore the requests for funds for its relocation and placement at Naper Settlement has been pushed out to FY14-15.



External Funding Sources Available

Naperville Heritage Society will secure outside funds for building relocation and restoration.

Projected Timetable

FY14-15 (City's portion): Engineering, construction drawings, foundation, utility rough-in and alarm protection for 1853 structure to be moved to the Settlement.

Impact on Operating Budget

Future expansion of the site will result in increased operational costs for maintenance, utilities and cleaning.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	0	0	0	12,000	12,000	24,000
Subtotal	0	0	0	12,000	12,000	24,000
					Prior Year(s) Impact	0
					Total Project Impact	24,000

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Unfunded Capital	0	0	122,004	0	0	122,004
Subtotal	0	0	122,004	0	0	122,004
					Prior Year(s) Expenditures	20,155
					Total All Sources	142,159

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	20,155	0	0	0	0	95,481	0	0	95,481
Consultant	0	0	0	0	0	26,523	0	0	26,523
Subtotal	20,155	0	0	0	0	122,004	0	0	122,004
								Prior Year(s) Expenditures	20,155
								Total Project Cost	142,159

Project Number: NS044 **Project Title:** Life Safety and Security Improvements

Department Name: Naper Settlement **CIP Status:** Changed - Recurring **Category Code:** B **Sector:** Northwest

Project Purpose:

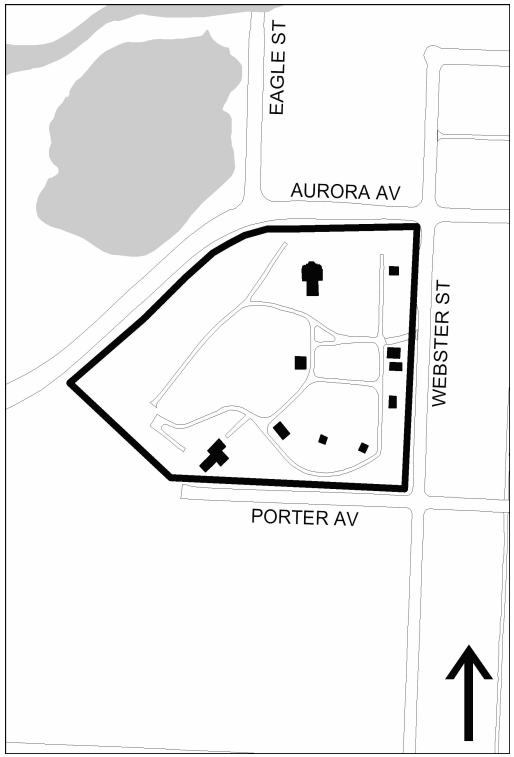
To improve and expand the life safety, accessibility and security features that protect the site, visitors and staff.

Criteria **WF Number:** (none)

Cost/Benefit, Operational Efficiency, Safety and Americans with Disabilities Act

Project Narrative:

Two areas have been identified that need improvements to make the museum complex safer, more secure and more accessible to visitors and staff. The Pre-Emption House interior chair lift needs to be replaced to insure continued Americans with Disabilities Act compliancy. The current lift is over 15 years old and replacement parts are becoming difficult to find and costly. Secondly, the Annex requires asbestos abatement and re-siding with an appropriate style material. The current fiber cement siding is 40-50 years old and the lower shingles are in poor condition. The Annex houses museum staff and is centrally located on the site. Addressable fire and burglar alarm systems and a public address system have been removed from this project as there is no immediate need; however, they will continue to be evaluated along with City fire and police representatives.



External Funding Sources Available

None

Projected Timetable

FY12-13: Pre-Emption House interior ADA lift replacement ($35,000); Annex asbestos abatement and re-siding ($150,000).

Impact on Operating Budget

The ongoing required preventative inspections and maintenance for the lift are already in the operating budget plans for the current lift. Similarly, Annex siding maintenance and repairs are in the current cyclical schedule.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	95,445
					Total All Sources	280,445

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	95,445	35,000	0	185,000	0	0	0	0	185,000
Consultant	0	0	0	0	0	0	0	0	0
Equip. & Furnishing	0	0	0	0	0	0	0	0	0
Subtotal	95,445	35,000	0	185,000	0	0	0	0	185,000
								Prior Year(s) Expenditures	95,445
								Total Project Cost	280,445

Library

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

Department: **Naperville Public Library**

Page	WF #	Estimated Total Cost	Funding Source		FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
LB014	None	Annual		Maintenance & Emergencies					
		1,250,000	L		250,000	250,001	250,000	250,000	250,000
	Project Total	**1,250,000**			**250,000**	**250,001**	**250,000**	**250,000**	**250,000**
	Department Total	**1,250,000**			**250,000**	**250,001**	**250,000**	**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) 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

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: asphalt work; boiler, 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

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Library Building Reserves	250,000	250,001	250,000	250,000	250,000	1,250,000
Subtotal	250,000	250,001	250,000	250,000	250,000	1,250,000
					Prior Year(s) Expenditures	0
					Total All Sources	1,250,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Equip. & Maint.	0	162,622	0	250,000	250,001	250,000	250,000	250,000	1,250,000
Subtotal	0	162,622	0	250,000	250,001	250,000	250,000	250,000	1,250,000
								Prior Year(s) Expenditures	0
								Total Project Cost	1,250,000

DPU-Electric

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

Department: **Public Utilities - Electric**

Page	WF #	Estimated Total Cost	Funding Source		FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
EU01	Various	Annual		Residential Electric Services - New & Existing					
		1,294,502	D		250,000	257,500	265,225	240,400	281,377
	Project Total	**1,294,502**			**250,000**	**257,500**	**265,225**	**240,400**	**281,377**
EU02	Various	Annual		Electric Meter Installations					
		609,059	D		200,000	103,000	106,090	87,418	112,551
	Project Total	**609,059**			**200,000**	**103,000**	**106,090**	**87,418**	**112,551**
EU03	Various	Annual		Facilities Installations/New Customers					
		2,813,749	D		500,000	566,500	583,495	601,000	562,755
	Project Total	**2,813,749**			**500,000**	**566,500**	**583,495**	**601,000**	**562,755**
EU05	Various	Annual		Overhead Transmission & Distribution Replacements					
		1,492,756	J		300,000	309,000	318,270	284,109	281,377
	Project Total	**1,492,756**			**300,000**	**309,000**	**318,270**	**284,109**	**281,377**
EU06	Various	Annual		Underground Transmission & Distribution - Additions					
		2,395,681	J		300,000	654,050	663,063	497,191	281,377
	Project Total	**2,395,681**			**300,000**	**654,050**	**663,063**	**497,191**	**281,377**
EU07	Various	Changed - Recurring		Underground Transmission & Distribution - Replacements					
		4,914,497	J		1,180,000	1,180,380	1,188,208	1,365,909	0
	Project Total	**4,914,497**			**1,180,000**	**1,180,380**	**1,188,208**	**1,365,909**	**0**
EU12	Various	Annual		Electrical System Relocations					
		5,041,615	J		1,586,000	1,236,000	318,270	775,836	1,125,509
	Project Total	**5,041,615**			**1,586,000**	**1,236,000**	**318,270**	**775,836**	**1,125,509**
EU13	Various	Changed - Recurring		Underground Conduit (Duct Banks) Additions					
		2,617,407	J		0	515,000	0	1,202,000	900,407

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) 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

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

Department: **Public Utilities - Electric**

Page	WF #	Estimated Total Cost	Funding Source		FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
	Project Total	**2,617,407**			**0**	**515,000**	**0**	**1,202,000**	**900,407**
EU14	Various	Annual		Underground Cable (Feeders) & Equipment Additions					
		5,200,149	J		580,000	257,500	1,750,485	1,092,727	1,519,437
	Project Total	**5,200,149**			**580,000**	**257,500**	**1,750,485**	**1,092,727**	**1,519,437**
EU22	Various	Annual		Substation Emergency Repair/Replacement Items					
		647,256	J		125,000	128,750	137,917	109,273	146,316
	Project Total	**647,256**			**125,000**	**128,750**	**137,917**	**109,273**	**146,316**
EU29	Various	Changed - Recurring		Underground Sub-transmission Circuit Additions & Upgrades					
		2,889,222	J		200,000	206,000	0	1,639,091	844,132
	Project Total	**2,889,222**			**200,000**	**206,000**	**0**	**1,639,091**	**844,132**
EU44	Various	Annual		Fiber Optic Cable for 138kV Relay Protection and Communication					
		2,635,869	J		430,000	618,000	212,180	852,327	523,362
	Project Total	**2,635,869**			**430,000**	**618,000**	**212,180**	**852,327**	**523,362**
EU47	Various	Annual		138kV Relay Improvements					
		1,063,959	J		150,000	154,500	318,270	300,500	140,689
	Project Total	**1,063,959**			**150,000**	**154,500**	**318,270**	**300,500**	**140,689**
EU49	Various	Changed - Recurring		Distribution Automation/Automatic Sectionalizing					
		1,028,111	J		0	257,500	265,225	224,009	281,377
	Project Total	**1,028,111**			**0**	**257,500**	**265,225**	**224,009**	**281,377**
EU52	Various	Changed - Recurring		Cable Replacement Program for Underground Residential Development					
		2,718,845	J		500,000	618,000	0	1,038,091	562,755
	Project Total	**2,718,845**			**500,000**	**618,000**	**0**	**1,038,091**	**562,755**

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) 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

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

Department: **Public Utilities - Electric**

Page	WF #	Estimated Total Cost	Funding Source		FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
EU57	Various	Changed - Recurring		Substation Automation					
		1,238,104	J		0	309,000	318,270	273,182	337,653
	Project Total	**1,238,104**			**0**	**309,000**	**318,270**	**273,182**	**337,653**
EU65	Various	Annual		Electric Distribution Transformer Purchases					
		2,496,669	J		500,000	515,000	530,450	388,464	562,755
	Project Total	**2,496,669**			**500,000**	**515,000**	**530,450**	**388,464**	**562,755**
EU66	Various	Changed - Recurring		Fiber Optic Cable for Metro Area Network (MAN)					
		466,020	J		50,000	51,500	106,090	145,879	112,551
	Project Total	**466,020**			**50,000**	**51,500**	**106,090**	**145,879**	**112,551**
EU72	59245/FERC 89:	Changed - Recurring		Naperville Asset Management System (NAMS)					
		665,471	J		0	0	0	327,818	337,653
	Project Total	**665,471**			**0**	**0**	**0**	**327,818**	**337,653**
EU78		Changed - Recurring		Supervisory Control And Data Acquisition					
		1,551,219	J		515,000	195,700	175,049	327,818	337,653
	Project Total	**1,551,219**			**515,000**	**195,700**	**175,049**	**327,818**	**337,653**
EU79		Changed - Recurring		Power Transformer Replacement					
		787,856	J		0	0	0	0	787,856
	Project Total	**787,856**			**0**	**0**	**0**	**0**	**787,856**
	Department Total	**44,568,017**			**7,366,000**	**8,132,880**	**7,256,556**	**11,773,041**	**10,039,540**

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) 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

Project Number: EU01 **Project Title:** Residential Electric Services - New & Existing

Department Name: Electric **CIP Status:** Annual **Category Code:** A **Sector:** Various

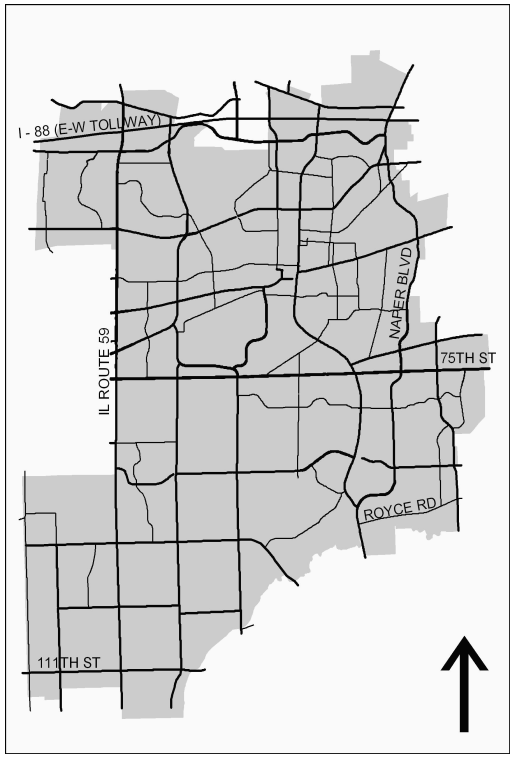
Criteria New Development **WF Number:** Various

Project Purpose:

This project provides electric service to residential electric utility customers. It is supported by the "City Services" category of the "Strategic Plan".

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

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Developer Contribution	250,000	257,500	265,225	240,400	281,377	1,294,502
Subtotal	250,000	257,500	265,225	240,400	281,377	1,294,502
					Prior Year(s) Expenditures	2,118,587
					Total All Sources	3,413,089

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Benefits	219,384	0	30,573	0	0	0	0	0	0
Construction	492,235	250,000	116,920	250,000	257,500	265,225	240,400	281,377	1,294,502
Engineering	350	0	0	0	0	0	0	0	0
Salaries	701,891	0	88,606	0	0	0	0	0	0
Services	25,946	0	198	0	0	0	0	0	0
Supplies	411,364	0	31,119	0	0	0	0	0	0
Subtotal	1,851,171	250,000	267,416	250,000	257,500	265,225	240,400	281,377	1,294,502
								Prior Year(s) Expenditures	2,118,587
								Total Project Cost	3,413,089

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:

EU02 incorporated into EU77 as part of SmartGrid Project for FY11, and 12. It will return under its own budget for FY13 and beyond. Smart Grid program deployment is for initial meter installation to be finished October 2012. All available federal funds from this grant award will be spent on initial deployment and none will be available for expenses after this.

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. Meters may also be able to read kilowatt-demand (kWd), which obtains the actual power used by a customer, and assists in planning of electric infrastructure availability. The additional funds in FY13 are for new customers and to build smart meter inventory.

Labor and materials paid by electric fees and rates; other electric service initial charges paid through FIC under EU01.

Note: new customers that need new meters, replacements, etc. in FY13 and beyond will need to be funded from EU02.

External Funding Sources Available

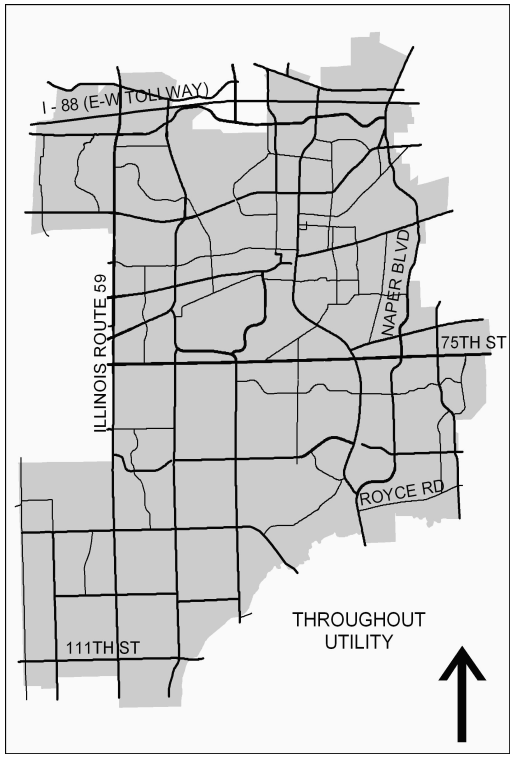
New projects only are funded by Development - Customers pay prior to work.

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

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Developer Contribution	200,000	103,000	106,090	87,418	112,551	609,059
Subtotal	200,000	103,000	106,090	87,418	112,551	609,059
					Prior Year(s) Expenditures	556,885
					Total All Sources	1,165,944

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Benefits	27,131	0	2,048	0	0	0	0	0	0
Construction	18,179	0	74,002	0	0	0	0	0	0
Salaries	79,706	0	7,609	0	0	0	0	0	0
Services	3,925	0	0	0	0	0	0	0	0
Supplies	333,170	0	11,114	200,000	103,000	106,090	87,418	112,551	609,059
Subtotal	462,111	0	94,774	200,000	103,000	106,090	87,418	112,551	609,059
								Prior Year(s) Expenditures	556,885
								Total Project Cost	1,165,944

Project Number: EU03 **Project Title:** Facilities Installations/New Customers

Department Name: Electric **CIP Status:** Annual **Category Code:** LR **Sector:** Various

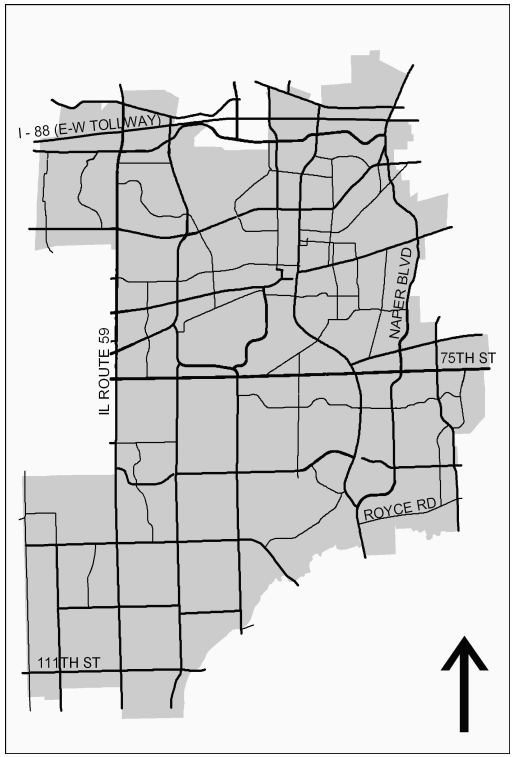
Criteria New Development **WF Number:** Various

Project Purpose:

In accordance with the City's "Strategic Plan" for "City Services", this project provides essential and reliable services. More specifically, it provides 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.



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

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Developer Contribution	500,000	566,500	583,495	601,000	562,755	2,813,749
Subtotal	500,000	566,500	583,495	601,000	562,755	2,813,749
					Prior Year(s) Expenditures	8,203,687
					Total All Sources	11,017,436

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Benefits	534,835	0	19,393	0	0	0	0	0	0
Construction	2,508,903	650,000	39,790	500,000	566,500	583,495	601,000	562,755	2,813,749
Engineering	4,209	0	1,495	0	0	0	0	0	0
Salaries	1,674,008	0	164,002	0	0	0	0	0	0
Services	283,379	0	12,525	0	0	0	0	0	0
Supplies	2,829,749	0	131,398	0	0	0	0	0	0
Subtotal	7,835,084	650,000	368,603	500,000	566,500	583,495	601,000	562,755	2,813,749
								Prior Year(s) Expenditures	8,203,687
								Total Project Cost	11,017,436

Project Number: EU05 **Project Title:** Overhead Transmission & Distribution Replacements

Department Name: Electric **CIP Status:** Annual **Category Code:** A **Sector:** Various

Criteria **WF Number:** Various

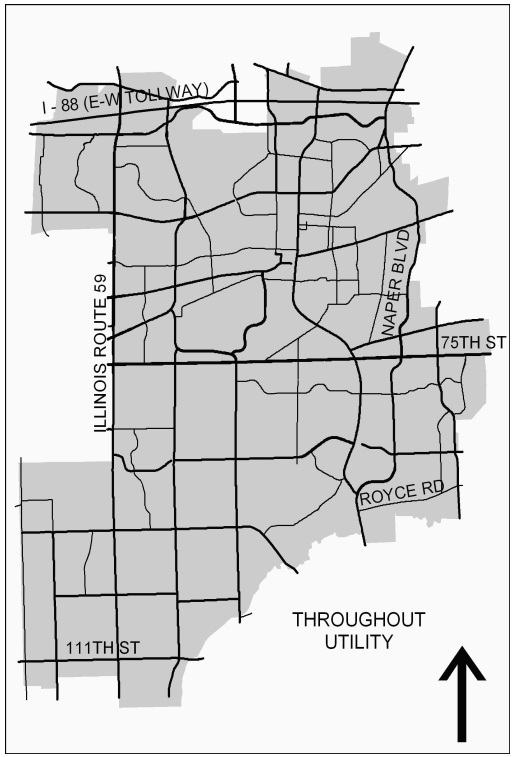
New Development, Infrastructure Replacement, Reliability Improvements

Project Purpose:

In accordance with the City's "Strategic Plan" for "City Services", this project provides essential and reliable services while maintaining the 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.



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

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Electric Utility	300,000	309,000	318,270	284,109	281,377	1,492,756
Subtotal	300,000	309,000	318,270	284,109	281,377	1,492,756
					Prior Year(s) Expenditures	2,204,331
					Total All Sources	3,697,087

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Benefits	350,637	0	20,844	0	0	0	0	0	0
Construction	86,743	300,000	8,242	300,000	309,000	318,270	284,109	281,377	1,492,756
Engineering	3,641	0	0	0	0	0	0	0	0
Salaries	1,173,950	0	62,953	0	0	0	0	0	0
Services	144,748	0	1,667	0	0	0	0	0	0
Supplies	327,831	0	23,076	0	0	0	0	0	0
Subtotal	2,087,549	300,000	116,781	300,000	309,000	318,270	284,109	281,377	1,492,756
								Prior Year(s) Expenditures	2,204,331
								Total Project Cost	3,697,087

Project Number: EU06 **Project Title:** Underground Transmission & Distribution - Additions

Department Name: Electric **CIP Status:** Annual **Category Code:** A **Sector:** Various

Criteria **WF Number:** Various

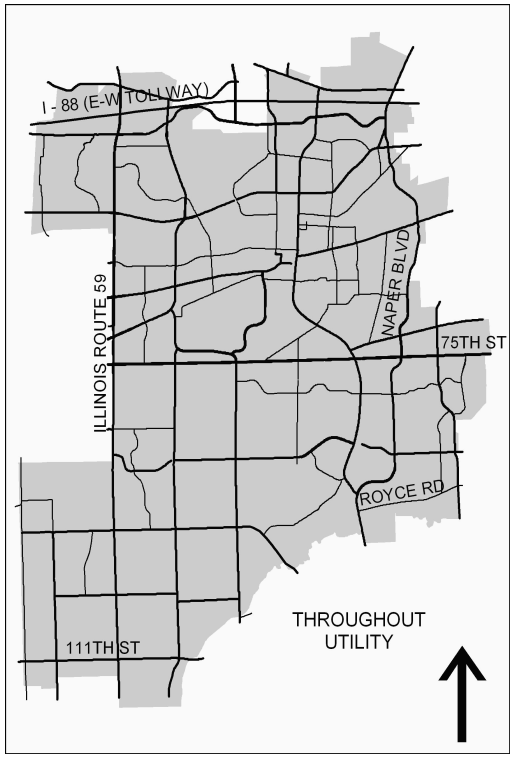
New Development, Infrastructure Replacement

Project Purpose:

In accordance with the City's "Strategic Plan" for "City Services", 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.



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

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Electric Utility	300,000	654,050	663,063	497,191	281,377	2,395,681
Subtotal	300,000	654,050	663,063	497,191	281,377	2,395,681
					Prior Year(s) Expenditures	3,565,435
					Total All Sources	5,961,115

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Benefits	47,714	0	42,709	0	0	0	0	0	0
Construction	1,585,844	300,000	31,009	0	0	0	0	0	0
Salaries	246,320	0	24,038	0	0	0	0	0	0
Services	111,907	0	7,651	0	0	0	0	0	0
Supplies	1,434,002	0	34,240	300,000	654,050	663,063	497,191	281,377	2,395,681
Subtotal	3,425,787	300,000	139,648	300,000	654,050	663,063	497,191	281,377	2,395,681
								Prior Year(s) Expenditures	3,565,435
								Total Project Cost	5,961,115

Project Number: EU07 **Project Title:** Underground Transmission & Distribution - Replacements

Department Name: Electric **CIP Status:** Changed - Recurring **Category Code:** A **Sector:** Various

Criteria **WF Number:** Various

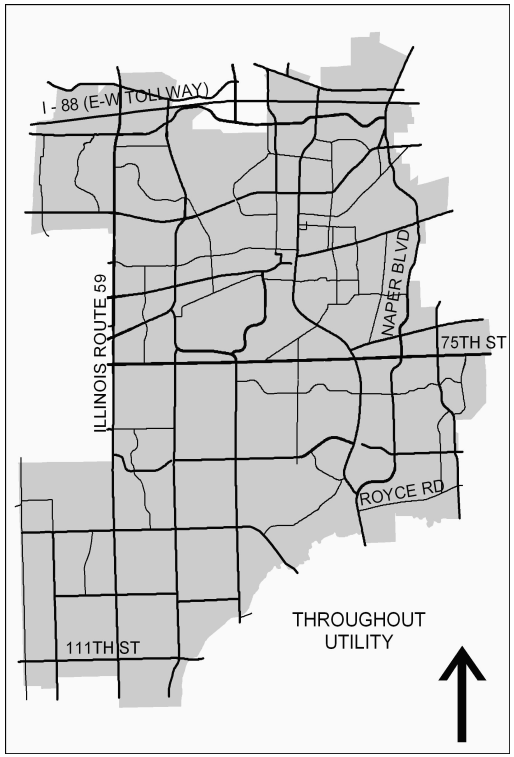
New Development, Infrastructure Replacement

Project Purpose:

In accordance with the City's "Strategic Plan" for "City Services", this project provides essential and reliable services while maintaining the infrastructure by replacing or upgrading aged underground electrical transmission or distribution facilities.

Project Narrative:

This project includes replacement/upgrade of off-site underground transmission and distribution facilities as necessary to maintain reliable electric utility service to existing 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 underground off-site work necessitated by new development in order to meet load growth.



External Funding Sources Available

None

Projected Timetable

Systematically throughout 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

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Electric Utility	1,180,000	1,180,380	1,188,208	1,365,909	0	4,914,497
Subtotal	1,180,000	1,180,380	1,188,208	1,365,909	0	4,914,497
					Prior Year(s) Expenditures	10,144,638
					Total All Sources	15,059,135

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Benefits	513,541	0	65,760	0	0	0	0	0	0
Construction	2,806,499	1,200,000	218,949	1,180,000	1,180,380	1,188,208	1,365,909	0	4,914,497
Engineering	22,725	0	0	0	0	0	0	0	0
Salaries	1,705,414	0	207,032	0	0	0	0	0	0
Services	359,983	0	31,957	0	0	0	0	0	0
Supplies	3,701,639	0	511,138	0	0	0	0	0	0
Subtotal	9,109,801	1,200,000	1,034,837	1,180,000	1,180,380	1,188,208	1,365,909	0	4,914,497
								Prior Year(s) Expenditures	10,144,638
								Total Project Cost	15,059,135

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

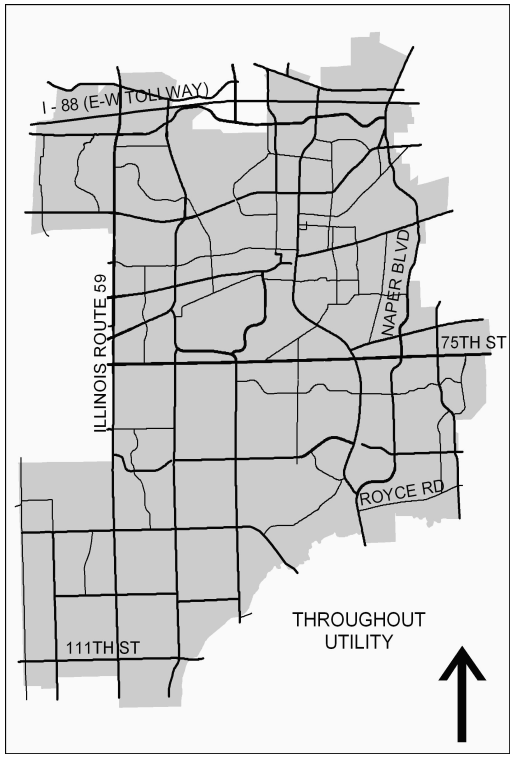
Project Purpose:

This project supports the City of Naperville's "Strategic Plan" to coordinate and encourage 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:

This project provides for the relocation of overhead and underground transmission and distribution electrical facilities in the public way. These facilities are required to be relocated to remove a conflict and to facilitate and accommodate improvements to the infrastructure (generally roadways) of the City, County, and/or State. This work is associated with bridges, highways, flood control, storm, and sewer projects located within the City of Naperville to improve essential City services for the residents.

Expenditure increases needed for FY 13 (Route 59 road widening and 95th Street Bridge and sound wall). FY 14 (Route 59 road widening).



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

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Electric Utility	1,586,000	1,236,000	318,270	775,836	1,125,509	5,041,615
Subtotal	1,586,000	1,236,000	318,270	775,836	1,125,509	5,041,615
					Prior Year(s) Expenditures	8,859,655
					Total All Sources	13,901,270

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Benefits	249,288	0	68,612	0	0	0	0	0	0
Construction	6,720,880	850,000	422,844	1,586,000	1,236,000	318,270	775,836	1,125,509	5,041,615
Engineering	30,360	0	4,864	0	0	0	0	0	0
Salaries	448,228	0	53,483	0	0	0	0	0	0
Services	251,704	0	8,426	0	0	0	0	0	0
Supplies	581,547	0	19,419	0	0	0	0	0	0
Subtotal	8,282,007	850,000	577,648	1,586,000	1,236,000	318,270	775,836	1,125,509	5,041,615
								Prior Year(s) Expenditures	8,859,655
								Total Project Cost	13,901,270

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

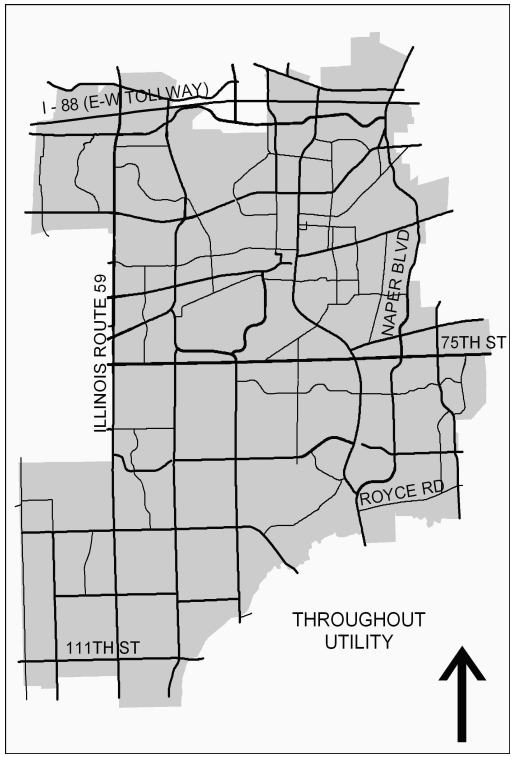
New Development, Reliability Improvements

Project Purpose:

The project is designed to install new duct bank systems for the off-site distribution of electricity to residential and commercial customers in the City of Naperville. The service is essential to public safety, the development of the community, and to provide a reliable energy delivery system.

Project Narrative:

The underground duct bank systems' measure of success is reliable and consistent service. A measure of performance is a low System Average Interruptible Duration Index (SAIDI) that measures the amount of time in minutes a customer can expect to be without power during the year. Some minor cable additions are also included throughout the electrical system.



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

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Electric Utility	0	515,000	0	1,202,000	900,407	2,617,407
Subtotal	0	515,000	0	1,202,000	900,407	2,617,407
					Prior Year(s) Expenditures	17,272,029
					Total All Sources	19,889,436

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Benefits	115,563	0	2,685	0	0	0	0	0	0
Construction	13,054,000	1,800,000	463,822	0	515,000	0	1,202,000	900,407	2,617,407
Engineering	76,341	0	0	0	0	0	0	0	0
Salaries	380,318	0	8,227	0	0	0	0	0	0
Services	1,086,351	0	29,535	0	0	0	0	0	0
Supplies	2,040,866	0	14,321	0	0	0	0	0	0
Subtotal	16,753,439	1,800,000	518,590	0	515,000	0	1,202,000	900,407	2,617,407
								Prior Year(s) Expenditures	17,272,029
								Total Project Cost	19,889,436

Project Number: EU14 **Project Title:** Underground Cable (Feeders) & Equipment Additions

Department Name: Electric **CIP Status:** Annual **Category Code:** B **Sector:** Various

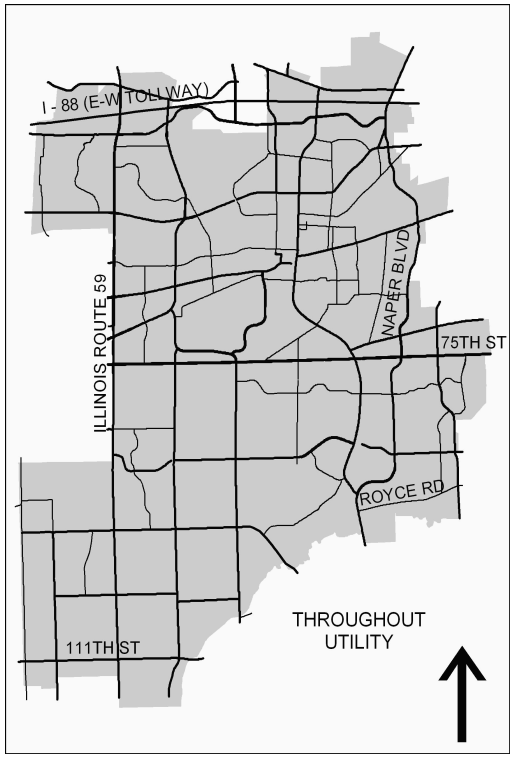
Criteria Reliability Improvements **WF Number:** Various

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. Projects provide for load relief and are part of the "Strategic Plan" for provision of essential services.

Project Narrative:

These projects involve installation of off-site facilities for improved electric facilities by looping circuits, providing additional capacity for load growth, and balancing the loads to provide load management for efficient use of the installed facilities. Design costs included. Minor conduit additions are also included throughout the electrical system. 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 be expected to be without power during the year. Expenditure increases needed beginning FY 15 (Pebblewood to Westside to improve load distribution, Naper-Wheaton to Iroquois to build a link in the eventual tie between Indian Hill Sub and Chicago Sub to improve load distribution, Naper to Royce to tie Royce Sub to Springbrook Sub for improved load distribution.



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

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Electric Utility	580,000	257,500	1,750,485	1,092,727	1,519,437	5,200,149
Subtotal	580,000	257,500	1,750,485	1,092,727	1,519,437	5,200,149
					Prior Year(s) Expenditures	6,870,355
					Total All Sources	12,070,504

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Benefits	215,001	0	0	0	0	0	0	0	0
Construction	1,337,494	500,000	2,238	580,000	257,500	1,750,485	1,092,727	1,519,437	5,200,149
Salaries	705,200	0	0	0	0	0	0	0	0
Services	625,604	0	1,688	0	0	0	0	0	0
Supplies	3,983,132	0	0	0	0	0	0	0	0
Subtotal	6,866,430	500,000	3,925	580,000	257,500	1,750,485	1,092,727	1,519,437	5,200,149
								Prior Year(s) Expenditures	6,870,355
								Total Project Cost	12,070,504

Project Number: EU22 **Project Title:** Substation Emergency Repair/Replacement Items

Department Name: Electric **CIP Status:** Annual **Category Code:** A **Sector:** Various

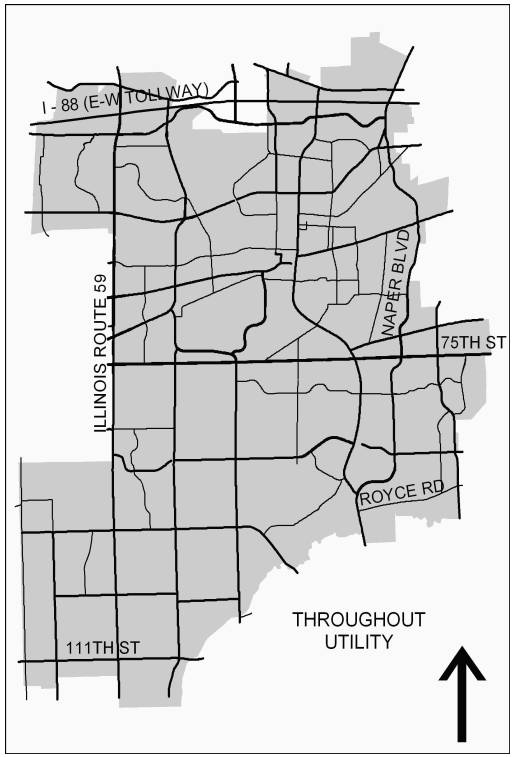
Project Purpose: **Criteria** **WF Number:** Various

Emergency replacement of capital equipment to maintain the reliability of the power delivery system. It is supported by the "City Services" category of the "Strategic Plan".

Infrastructure Replacement

Project Narrative:

These funds are used for projects that result from the unplanned, but immediate need to replace damaged or malfunctioning capital equipment. Equipment failure occurs due to natural elements, aging, wildlife contact, and manufacture defect, among other quantifiable reasons. Critical equipment have an identical spare in storage so that the spare can be installed with minimal downtime in case of such instances.



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

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Electric Utility	125,000	128,750	137,917	109,273	146,316	647,256
Subtotal	125,000	128,750	137,917	109,273	146,316	647,256
					Prior Year(s) Expenditures	664,015
					Total All Sources	1,311,271

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Benefits	39,779	0	0	0	0	0	0	0	0
Construction	386,454	125,000	66,309	125,000	128,750	137,917	109,273	146,316	647,256
Salaries	143,087	0	0	0	0	0	0	0	0
Services	4,190	0	0	0	0	0	0	0	0
Supplies	24,197	0	0	0	0	0	0	0	0
Subtotal	597,706	125,000	66,309	125,000	128,750	137,917	109,273	146,316	647,256
								Prior Year(s) Expenditures	664,015
								Total Project Cost	1,311,271

Project Number: EU29 **Project Title:** Underground Sub-transmission Circuit Additions & Upgrades

Department Name: Electric **CIP Status:** Changed - Recurring **Category Code:** B **Sector:** Various

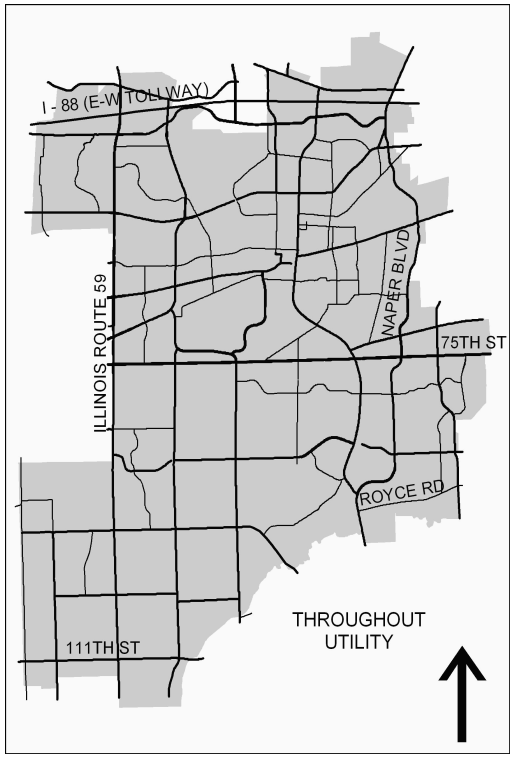
Criteria Reliability Improvements **WF Number:** Various

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. This supports the "Strategic Plan" to provide cost effective infrastructure.

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.



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

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Electric Utility	200,000	206,000	0	1,639,091	844,132	2,889,222
Subtotal	200,000	206,000	0	1,639,091	844,132	2,889,222
					Prior Year(s) Expenditures	1,517,134
					Total All Sources	4,406,357

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Benefits	39,833	0	26	0	0	0	0	0	0
Construction	328,204	500,000	0	200,000	206,000	0	1,639,091	844,132	2,889,222
Engineering	1,050	0	0	0	0	0	0	0	0
Salaries	129,390	0	85	0	0	0	0	0	0
Services	366,495	0	21	0	0	0	0	0	0
Supplies	652,029	0	0	0	0	0	0	0	0
Subtotal	1,517,001	500,000	133	200,000	206,000	0	1,639,091	844,132	2,889,222
								Prior Year(s) Expenditures	1,517,134
								Total Project Cost	4,406,357

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

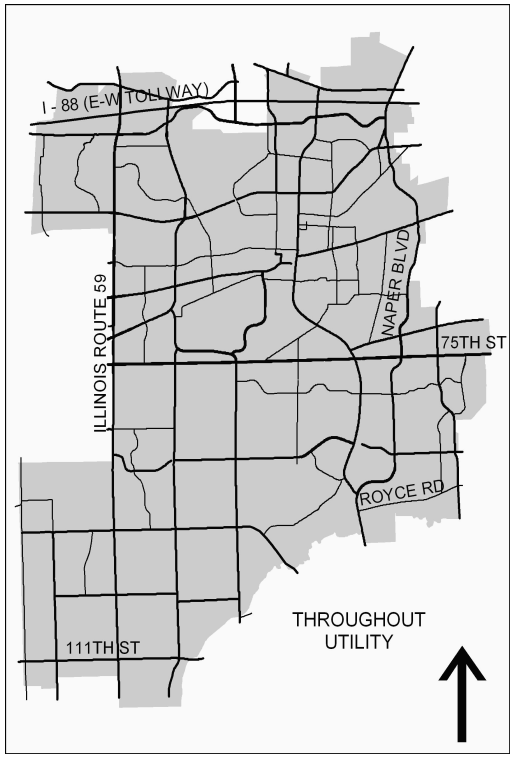
Criteria Technology Projects **WF Number:** Various

Project Purpose:

This project supports the "Strategic Plan" by using technology to deliver "City Services" efficiently. The project includes the design and installation of fiber optic cable and equipment needed to create communication paths between the Electrical Service Center and all electrical substations.

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.



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

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Electric Utility	430,000	618,000	212,180	852,327	523,362	2,635,869
Subtotal	430,000	618,000	212,180	852,327	523,362	2,635,869
					Prior Year(s) Expenditures	1,877,677
					Total All Sources	4,513,546

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Benefits	91,325	0	1,762	0	0	0	0	0	0
Construction	1,314,495	305,000	0	430,000	618,000	212,180	852,327	523,362	2,635,869
Salaries	292,775	0	5,313	0	0	0	0	0	0
Services	3,888	0	8,582	0	0	0	0	0	0
Supplies	106,991	0	52,547	0	0	0	0	0	0
Subtotal	1,809,473	305,000	68,204	430,000	618,000	212,180	852,327	523,362	2,635,869
								Prior Year(s) Expenditures	1,877,677
								Total Project Cost	4,513,546

Project Number: EU47 **Project Title:** 138kV Relay Improvements

Department Name: Electric **CIP Status:** Annual **Category Code:** B **Sector:** Various

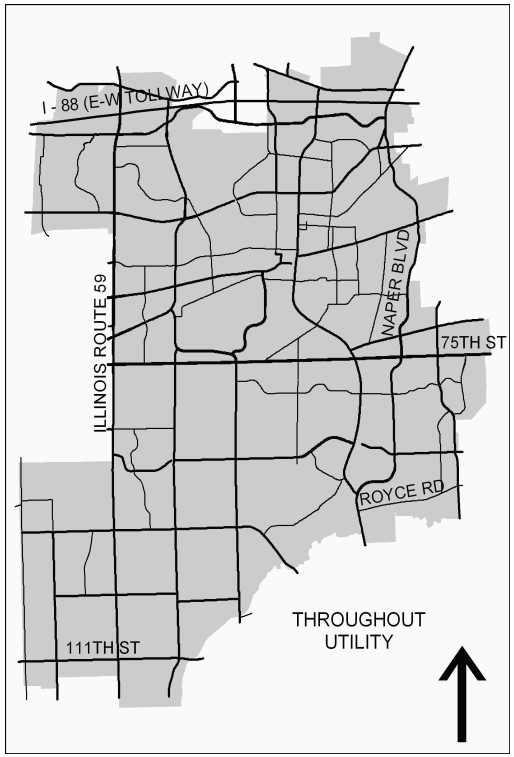
Criteria Reliability Improvements **WF Number:** Various

Project Purpose:

This project includes strategic, system-wide improvements to protective relay systems to reduce outages and enhance system reliability. It is supported by the "City Services" category of the "Strategic Plan".

Project Narrative:

This project improves the reliability of service by coordinating relays that protect transmission lines, transformers, and switchgear. $150,000 is needed in FY 14-15 and $150,000 in 15-16 to replace the Circuit Shield devices. Generally, Circuit Shield devices are used for transformer protection with the exception of Westside Substation, where they are used for 12kV bus protection. Relays upgraded from electromechanical to microprocessor type due to age of relays, 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.



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

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Electric Utility	150,000	154,500	318,270	300,500	140,689	1,063,959
Subtotal	150,000	154,500	318,270	300,500	140,689	1,063,959
					Prior Year(s) Expenditures	361,425
					Total All Sources	1,425,384

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Benefits	32,180	0	6,638	0	0	0	0	0	0
Construction	90,212	150,000	0	150,000	154,500	318,270	300,500	140,689	1,063,959
Salaries	111,356	0	19,763	0	0	0	0	0	0
Services	674	0	6,339	0	0	0	0	0	0
Supplies	5,982	0	88,281	0	0	0	0	0	0
Subtotal	240,405	150,000	121,021	150,000	154,500	318,270	300,500	140,689	1,063,959
								Prior Year(s) Expenditures	361,425
								Total Project Cost	1,425,384

Project Number: EU49 **Project Title:** Distribution Automation/Automatic Sectionalizing

Department Name: Electric **CIP Status:** Changed - Recurring **Category Code:** B **Sector:** Various

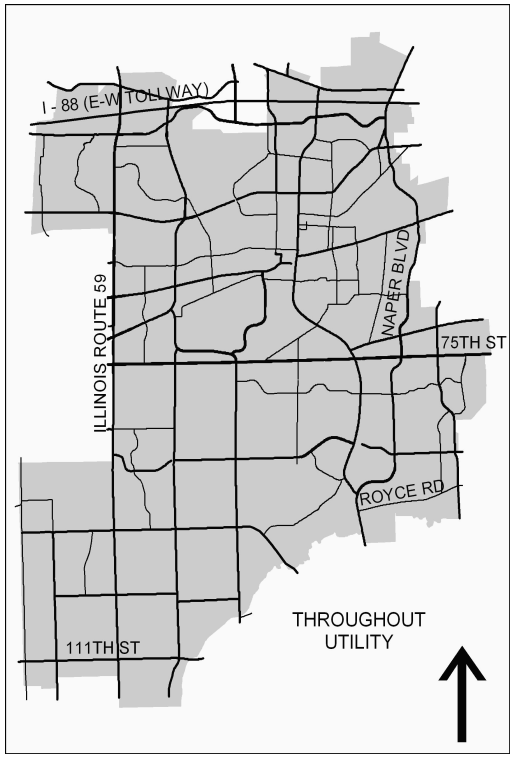
Criteria Reliability Improvements **WF Number:** Various

Project Purpose:

EU49 will be incorporated into EU77 as part of the SmartGrid Project for FY12, & 13. It supports the "Strategic Plan" of providing service delivery systems to deliver "City Services" by employing new technologies and innovations. Project involves design and installation of Distribution/Automation Sectionalizing units at various points on the electric system.

Project Narrative:

Distribution Automation (DA) provides automatic feeder reconfiguration after power line disturbance has occurred by means of isolating faulted sections of the feeder. DA is critical to utility operations because it reduces downtime and minimizes the number of affected customers during power failures on medium voltage feeders. Project is measured by reduction of customer outages in areas where DA equipment is installed by electric outage measurement indices.



External Funding Sources Available

$11 million federal grant matching funds for SmartGrid EU77.

Projected Timetable

Systematically throughout fiscal year. This project will require no additional staffing or resources. Project spending is to occur in FY12 & FY13 under SmartGrid EU77.

Impact on Operating Budget

There will be no impact on the operating budget.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Electric Utility	0	257,500	265,225	224,009	281,377	1,028,111
Subtotal	0	257,500	265,225	224,009	281,377	1,028,111
					Prior Year(s) Expenditures	1,834,190
					Total All Sources	2,862,301

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Benefits	33,065	0	159	0	0	0	0	0	0
Construction	214,940	0	2,350	0	257,500	265,225	224,009	281,377	1,028,111
Salaries	108,650	0	495	0	0	0	0	0	0
Services	44,257	0	0	0	0	0	0	0	0
Supplies	1,425,573	0	4,700	0	0	0	0	0	0
Subtotal	1,826,485	0	7,704	0	257,500	265,225	224,009	281,377	1,028,111
								Prior Year(s) Expenditures	1,834,190
								Total Project Cost	2,862,301

Project Number: EU52 **Project Title:** Cable Replacement Program for Underground Residential Development

Department Name: Electric **CIP Status:** Changed - Recurring **Category Code:** B **Sector:** Various

Project Purpose:

This project supports the City of Naperville "Strategic Plan" by committing to improving the infrastructure of residential subdivisions throughout the City of Naperville.

Criteria Reliability Improvements **WF Number:** Various

Project Narrative:

This project includes replacing aging single-phase and three-phase feeder cables, transformers, fuse cans, and plug cans. The means to accomplish this is to install new cable, transformers, conduit, switch gear and vaults throughout the existing subdivision. 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. Subprojects are initiated after the subdivision meets certain criteria as in age of subdivision, age of cable, amount of faults in a subdivision, loads on transformers, and surrounding areas' needs of upgrades. The work includes upgrading the existing aged feeders entering and leaving the subdivision as well as identifying possible voltage drop and/or voltage flicker corrections. Also includes the installation of secondary cables and pedestals to improve reliability.

External Funding Sources Available

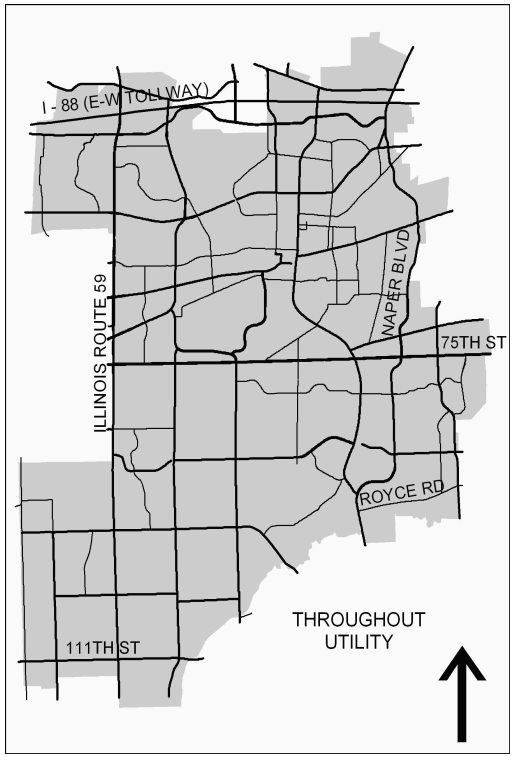
None

Projected Timetable

Systematically throughout the fiscal year. Cable replacement or cable injection work planned for Signal Point, Hunter's Woods, University Heights, and Buttonwood/Countryside, starting in FY13 and spanning future years.

Impact on Operating Budget

There will be no impact on the operating budget.



Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Electric Utility	500,000	618,000	0	1,038,091	562,755	2,718,845
Subtotal	500,000	618,000	0	1,038,091	562,755	2,718,845
					Prior Year(s) Expenditures	6,749,054
					Total All Sources	9,467,900

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Benefits	420,902	0	13,121	0	0	0	0	0	0
Construction	2,176,959	400,000	277,680	500,000	618,000	0	1,038,091	562,755	2,718,845
Engineering	19,530	0	0	0	0	0	0	0	0
Salaries	1,430,086	0	36,939	0	0	0	0	0	0
Services	753,311	0	4,037	0	0	0	0	0	0
Supplies	1,570,784	0	45,705	0	0	0	0	0	0
Subtotal	6,371,573	400,000	377,482	500,000	618,000	0	1,038,091	562,755	2,718,845
								Prior Year(s) Expenditures	6,749,054
								Total Project Cost	9,467,900

Project Number: EU57 **Project Title:** Substation Automation

Department Name: Electric **CIP Status:** Changed - Recurring **Category Code:** B **Sector:** Various

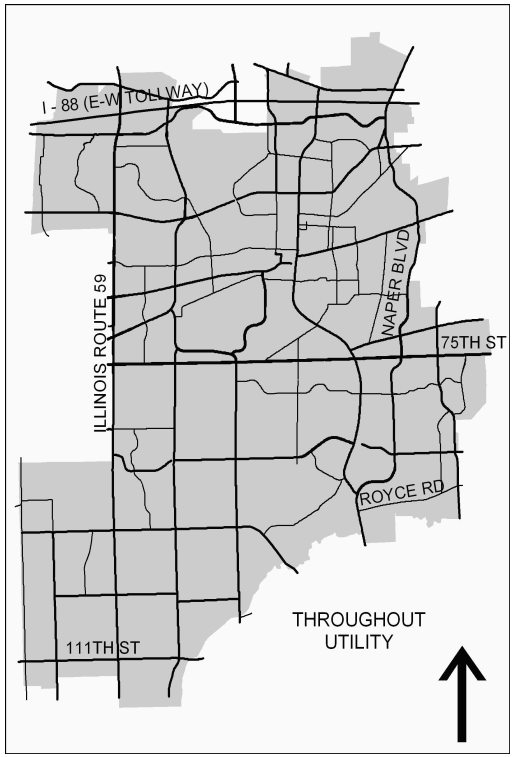
Criteria Reliability Improvements **WF Number:** Various

Project Purpose:

$11 million federal grant matching funds for SmartGrid EU77. This project improves the reliability of service to customers by using technology to integrate the Supervisory Control and Data Acquisition (SCADA) system with the Distribution Automation (DA) system. It is supported by the "City Services" category of the "Strategic Plan".

Project Narrative:

The integration of the Supervisory Control and Data Acquisition (SCADA) system with the Distribution Automation (DA) system greatly enhances the real-time data available to the Electric Service Center Control Room. This permits the Control Room to respond to outages faster and with improved precision as to the location of the fault.



External Funding Sources Available

EU57 will be incorporated into EU77 as part of the SmartGrid Project for FY12, & 13.

Projected Timetable

Systematically throughout fiscal year. This project will require no additional staffing or resources. Note that FY12 & FY13 budgeted project spending moved into EU77 Smart Grid.

Impact on Operating Budget

There will be no impact on the operating budget.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Electric Utility	0	309,000	318,270	273,182	337,653	1,238,104
Subtotal	0	309,000	318,270	273,182	337,653	1,238,104
					Prior Year(s) Expenditures	1,383,918
					Total All Sources	2,622,022

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Benefits	72,243	0	0	0	0	0	0	0	0
Construction	1,013,208	0	8,535	0	309,000	318,270	273,182	337,653	1,238,104
Salaries	234,370	0	0	0	0	0	0	0	0
Services	25,314	0	4,761	0	0	0	0	0	0
Supplies	25,488	0	0	0	0	0	0	0	0
Subtotal	1,370,622	0	13,296	0	309,000	318,270	273,182	337,653	1,238,104
								Prior Year(s) Expenditures	1,383,918
								Total Project Cost	2,622,022

Project Number: EU65 **Project Title:** Electric Distribution Transformer Purchases

Department Name: Electric **CIP Status:** Annual **Category Code:** A **Sector:** Various

Project Purpose:

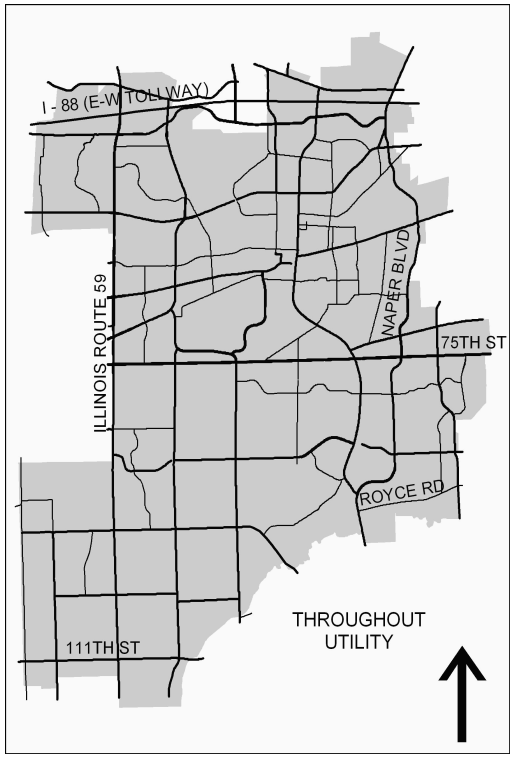
In accordance with the City's "Strategic Plan" for "City Services"; this project provides essential and reliable services.

Criteria **WF Number:** Various

New Development, Infrastructure Replacement, Reliability Improvements, Utility Relocation

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

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Electric Utility	500,000	515,000	530,450	388,464	562,755	2,496,669
Subtotal	500,000	515,000	530,450	388,464	562,755	2,496,669
					Prior Year(s) Expenditures	4,144,889
					Total All Sources	6,641,558

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Benefits	19,109	0	1,220	0	0	0	0	0	0
Construction	0	500,000	0	500,000	515,000	530,450	388,464	562,755	2,496,669
Salaries	71,884	0	3,991	0	0	0	0	0	0
Services	11,847	0	0	0	0	0	0	0	0
Supplies	3,965,515	0	71,323	0	0	0	0	0	0
Subtotal	4,068,355	500,000	76,534	500,000	515,000	530,450	388,464	562,755	2,496,669
								Prior Year(s) Expenditures	4,144,889
								Total Project Cost	6,641,558

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

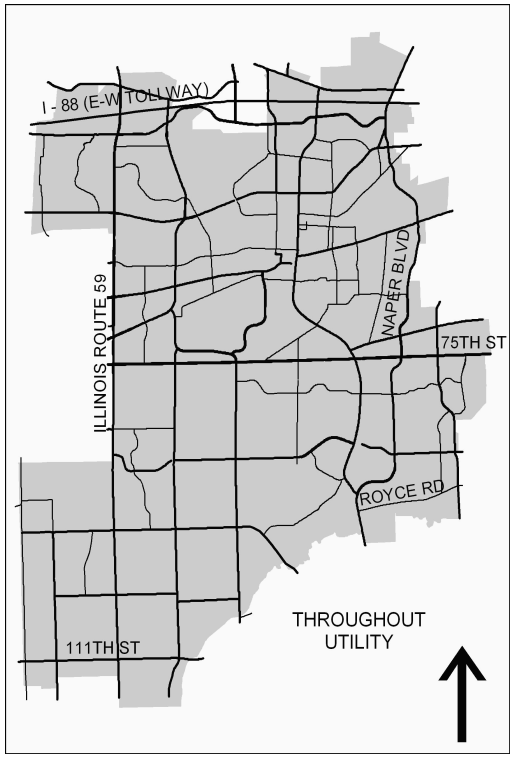
Criteria Technology Projects **WF Number:** Various

Project Purpose:

This project supports the "City Services" category of the "Strategic Plan" by utilizing municipal facilities and infrastructure as community assets that provide necessary services. Project includes the design and installation of fiber optic cable and communications equipment to connect to various locations.

Project Narrative:

The Metropolitan Area Network (MAN) is the expansion of the electrical substations' fiber optic network. This project was initiated as a direct response to the City's strategic plan vision to maximize use of municipal facilities and infrastructure as community assets. It was determined by the City's staff that utilizing and expanding the utility fiber optic network as infrastructure for the City's MAN would bring significant cost savings to the City and libraries. 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.



External Funding Sources Available

Public Library, Northern Illinois University, City of Aurora

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

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Electric Utility	50,000	51,500	106,090	145,879	112,551	466,020
Subtotal	50,000	51,500	106,090	145,879	112,551	466,020
					Prior Year(s) Expenditures	361,680
					Total All Sources	827,700

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Benefits	17,980	0	648	0	0	0	0	0	0
Construction	217,892	175,000	21,385	50,000	51,500	106,090	145,879	112,551	466,020
Salaries	60,797	0	1,849	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	337,798	175,000	23,882	50,000	51,500	106,090	145,879	112,551	466,020
								Prior Year(s) Expenditures	361,680
								Total Project Cost	827,700

Project Number: EU72 **Project Title:** Naperville Asset Management System (NAMS)

Department Name: Electric **CIP Status:** Changed - Recurring **Category Code:** B **Sector:** Various

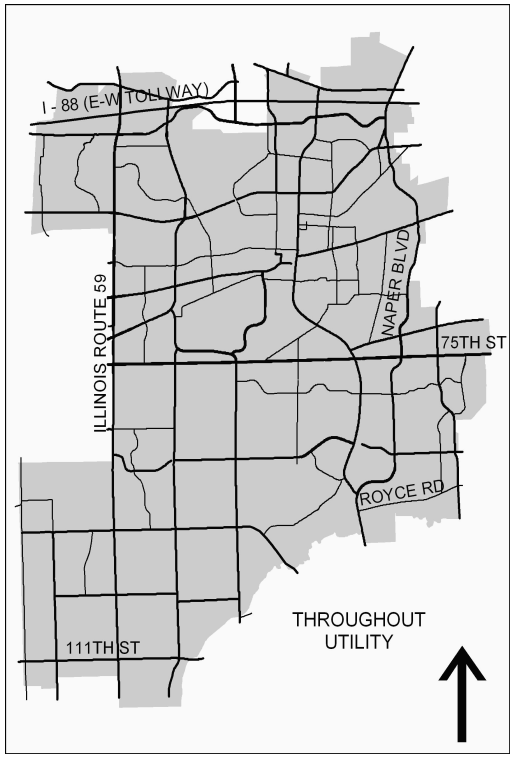
Criteria Technology Projects **WF Number:** 59245/FERC 892015

Project Purpose:

This project supports the "City Services" category of the "Strategic Plan." It was identified in the City's Strategic Technology Plan, and it will provide better customer service.

Project Narrative:

The Naperville Asset Management System (NAMS) will allow personnel to track field equipment and attributes, test equipment, and plan accordingly to maintain/replace those which do not meet operational and/or safety guidelines. This is in line with the City's "Strategic Technology Plan", in that it will provide better customer service.



External Funding Sources Available

$11 million federal grant matching funds for SmartGrid EU77.

Projected Timetable

Impact on Operating Budget

No impact identified at this time.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Electric Utility	0	0	0	327,818	337,653	665,471
Subtotal	0	0	0	327,818	337,653	665,471
					Prior Year(s) Expenditures	0
					Total All Sources	665,471

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Consultant	0	0	0	0	0	0	327,818	337,653	665,471
Subtotal	0	0	0	0	0	0	327,818	337,653	665,471
								Prior Year(s) Expenditures	0
								Total Project Cost	665,471

Project Number: EU78 **Project Title:** Supervisory Control And Data Acquisition

Department Name: Electric **CIP Status:** Changed - Recurring **Category Code:** B **Sector:** Various

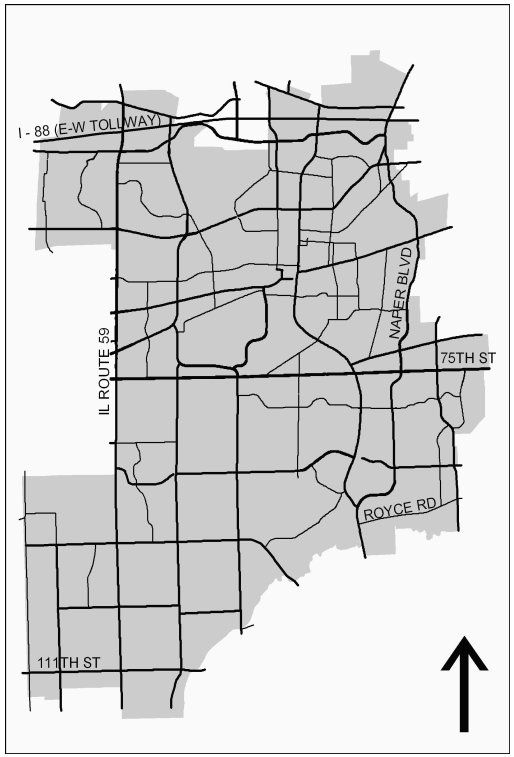
Criteria Technology Projects **WF Number:**

Project Purpose:

This project improves the reliability of service to customers by using the Supervisory Control and Data Acquisition (SCADA) system to monitor and control the substation electrical system. It is supported by the "City Services" category of the "Strategic Plan".

Project Narrative:

Supervisory Control And Data Acquisition is used to monitor and control the various devices located within each substation. The key components include the master station and workstations located in the Electric Service Center, and the Remote Terminal Units 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 realtime monitoring and control of the substations.



External Funding Sources Available

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

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Electric Utility	515,000	195,700	175,049	327,818	337,653	1,551,219
Subtotal	515,000	195,700	175,049	327,818	337,653	1,551,219
					Prior Year(s) Expenditures	0
					Total All Sources	1,551,219

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Equip. & Furnishing	0	0	0	515,000	195,700	175,049	327,818	337,653	1,551,219
Subtotal	0	0	0	515,000	195,700	175,049	327,818	337,653	1,551,219
								Prior Year(s) Expenditures	0
								Total Project Cost	1,551,219

Project Number: EU79 **Project Title:** Power Transformer Replacement

Department Name: Electric **CIP Status:** Changed - Recurring **Category Code:** A **Sector:** Various

Project Purpose:

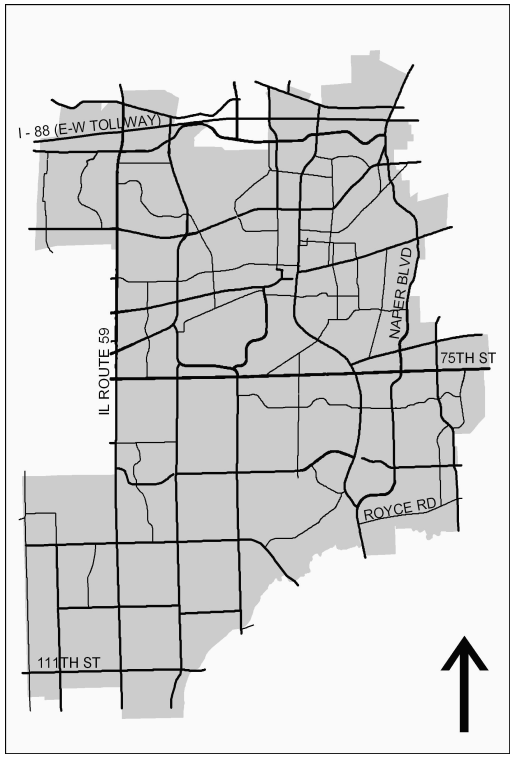
Replace old power transformers that are approaching their end of life to maintain system performance and reliability.

Criteria Infrastructure Replacement

WF Number:

Project Narrative:

Naperville has a total of (16) electric substations with two (2) power transformers in each substation. Some of these power transformers are 40 to 50 years old and approaching their end of useful life. Since these power transformers allow the distribution of power to customers, it is absolutely essential that they are replaced before failure occurs. To maintain system performance and reliability, being proactive on replacing the antiquated power transformers is important. The funds budgeted beginning in FY 17 should fund replacement of 1 transformer. DPU-E estimates a need to spend this amount ($0.8 million) every two years for 8 years beginning in FY 17.



External Funding Sources Available

Projected Timetable

First replacement in FY16-17

Impact on Operating Budget

No impact on operating budget. This will improve system reliability.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Electric Utility	0	0	0	0	787,856	787,856
Subtotal	0	0	0	0	787,856	787,856
					Prior Year(s) Expenditures	0
					Total All Sources	787,856

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Equip. & Maint.	0	0	0	0	0	0	0	787,856	787,856
Subtotal	0	0	0	0	0	0	0	787,856	787,856
								Prior Year(s) Expenditures	0
								Total Project Cost	787,856

DPU-Water

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

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

Page	WF #	Estimated Total Cost	Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
WU04A	TBD	Annual		Water Distrib. System - Rehabilitation/Replacements - Service Lines				
		107,738	F	8,250	17,510	26,523	27,318	28,138
		24,990	W	16,750	8,240	0	0	0
	Project Total	**132,728**		**25,000**	**25,750**	**26,523**	**27,318**	**28,138**
WU04B	Multiple - TBD	Annual		Water Distrib. System - Rehabilitation/Replacements - Mains				
		2,632,371	F	395,666	501,266	610,018	603,185	522,236
		1,041,968	W	791,334	250,634	0	0	0
	Project Total	**3,674,339**		**1,187,000**	**751,900**	**610,018**	**603,185**	**522,236**
WU05	Multiple - TBD	Recurring		Water Utility Infrastructure Relocation - Misc. Locations				
		748,917	F	74,000	225,226	183,536	132,220	133,936
		260,614	W	148,000	112,614	0	0	0
	Project Total	**1,009,531**		**222,000**	**337,840**	**183,536**	**132,220**	**133,936**
WU08	TBD	Annual		Water Main Oversizing Payments - New Developments				
		107,993	F	8,333	17,682	26,523	27,318	28,138
		25,507	W	16,667	8,840	0	0	0
	Project Total	**133,501**		**25,000**	**26,523**	**26,523**	**27,318**	**28,138**
WU10	Various - TBD	Annual		Water Distribution System - Additions/Extensions				
		2,498,520	F	78,667	87,206	148,526	1,029,349	1,154,772
		200,937	W	157,333	43,604	0	0	0
	Project Total	**2,699,457**		**236,000**	**130,810**	**148,526**	**1,029,349**	**1,154,772**
WU19	TBD	Annual		Water Metering Additions - New				
		322,435	F	25,000	51,500	79,568	81,955	84,413
		75,750	W	50,000	25,750	0	0	0
	Project Total	**398,185**		**75,000**	**77,250**	**79,568**	**81,955**	**84,413**

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) 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

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

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

Page	WF #	Estimated Total Cost	Funding Source		FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
WU20	TBD	Annual		Water Metering Replacement					
		1,223,951	F		146,667	257,500	265,225	273,182	281,377
		422,083	W		293,333	128,750	0	0	0
	Project Total	**1,646,034**			**440,000**	**386,250**	**265,225**	**273,182**	**281,377**
WU22	TBD	Recurring		Automatic Meter Reading (AMR/AMI) Project - Pilot					
		1,321,854	F		3,333	6,867	424,360	437,091	450,204
		10,100	W		6,667	3,433	0	0	0
	Project Total	**1,331,954**			**10,000**	**10,300**	**424,360**	**437,091**	**450,204**
WU29	TBD	Recurring		Emergency Standby Well Rehabilitation					
		859,817	F		67,000	136,990	212,180	218,545	225,102
		202,010	W		133,000	69,010	0	0	0
	Project Total	**1,061,827**			**200,000**	**206,000**	**212,180**	**218,545**	**225,102**
WU33	TBD	Changed - Recurring		SCADA Improvements and Upgrades					
		124,446	F		124,446	0	0	0	0
		252,662	W		252,662	0	0	0	0
	Project Total	**377,108**			**377,108**	**0**	**0**	**0**	**0**
WWU05	TBD	Changed - Recurring		Wastewater Utility Infrastructure Relocation - Various Locations					
		655,535	F		38,333	216,987	149,587	124,571	126,057
		185,160	W		76,667	108,493	0	0	0
	Project Total	**840,695**			**115,000**	**325,480**	**149,587**	**124,571**	**126,057**
WWU06	TBD	Annual		Sanitary Sewer System Rehab/Replacement-Interceptors/Trunk Sewers/Mainlines & Services					
		9,466,697	F		734,000	1,512,040	2,336,102	2,406,185	2,478,371
		2,224,020	W		1,468,000	756,020	0	0	0
	Project Total	**11,690,717**			**2,202,000**	**2,268,060**	**2,336,102**	**2,406,185**	**2,478,371**

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) 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

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

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

Page	WF #	Estimated Total Cost	Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
WWU09	TBD	Annual		Sanitary Sewer Oversizing Payments - New Developments				
		107,910	F	8,250	17,682	26,523	27,318	28,138
		25,590	W	16,750	8,840	0	0	0
	Project Total	**133,501**		**25,000**	**26,523**	**26,523**	**27,318**	**28,138**
WWU10	TBD	Recurring		Sanitary Sewer Capacity Improvements				
		392,225	F	177,666	36,393	57,289	60,100	60,777
		373,531	W	355,334	18,197	0	0	0
	Project Total	**765,756**		**533,000**	**54,590**	**57,289**	**60,100**	**60,777**
WWU28	TBD	Recurring		SWRC - Tertiary Treatment (Sand Filters) Replacement				
		2,843,213	F	391,334	423,673	638,662	690,603	698,941
		994,503	W	782,666	211,837	0	0	0
	Project Total	**3,837,716**		**1,174,000**	**635,510**	**638,662**	**690,603**	**698,941**
WWU34	Multiple - TBD	Annual		Sanitary Sewer Lift Station Rehabilitation Program				
		1,354,741	F	165,000	206,000	318,270	327,818	337,653
		438,000	W	335,000	103,000	0	0	0
	Project Total	**1,792,741**		**500,000**	**309,000**	**318,270**	**327,818**	**337,653**
	Department Total	**31,525,792**		**7,346,108**	**5,571,785**	**5,502,888**	**6,466,758**	**6,638,252**

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) 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

Project Number: WU04A **Project Title:** Water Distrib. System - Rehabilitation/Replacements - Service Lines

Department Name: Water/ Wastewater **CIP Status:** Annual **Category Code:** LR **Sector:** Various

Project Purpose:

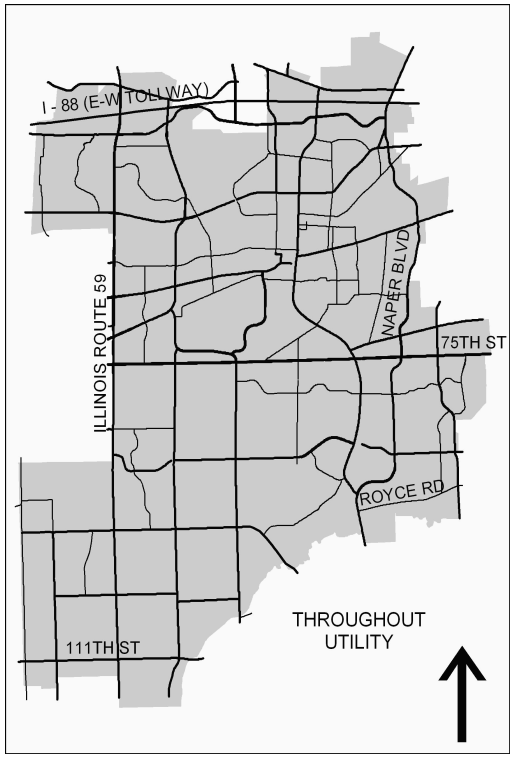
This project supports the delivery of municipal services that are reliable and responsive to the needs of the citizens by updating essential utility infrastructure.

Criteria **WF Number:** TBD

Legally Required Projects, Age-related Infrastructure Renewal

Project Narrative:

Project WU04A provides for replacement of older Lead (Pb) water service lines that do not meet United States Environmental Protection Agency safe drinking standards.



External Funding Sources Available

None

Projected Timetable

Ongoing, driven by customer demand.

Impact on Operating Budget

Selection of water service lines for replacement is driven by customer demand rather than maintenance & repair costs. Therefore, the replacement program does not significantly affect ongoing maintenance costs.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Water Utility	8,250	17,510	26,523	27,318	28,138	107,738
Unfunded Water	16,750	8,240	0	0	0	24,990
Subtotal	25,000	25,750	26,523	27,318	28,138	132,728
					Prior Year(s) Expenditures	198,250
					Total All Sources	330,979

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Benefits	8,115	0	126	0	0	0	0	0	0
Construction	155,044	25,000	5,000	25,000	25,750	26,523	27,318	28,138	132,728
Salaries	22,236	0	323	0	0	0	0	0	0
Services	3,584	0	0	0	0	0	0	0	0
Supplies	3,823	0	0	0	0	0	0	0	0
Subtotal	192,802	25,000	5,449	25,000	25,750	26,523	27,318	28,138	132,728
								Prior Year(s) Expenditures	198,250
								Total Project Cost	330,979

Project Number: WU04B **Project Title:** Water Distrib. System - Rehabilitation/Replacements - Mains

Department Name: Water/ Wastewater **CIP Status:** Annual **Category Code:** A **Sector:** Various

Project Purpose:

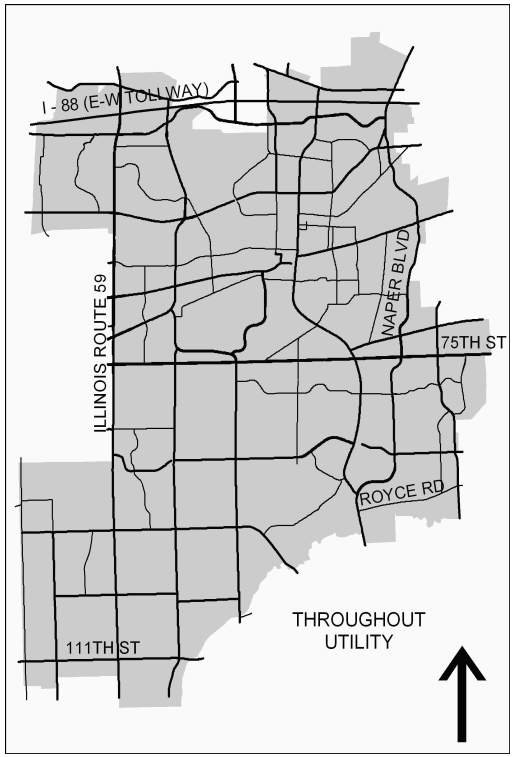
This project supports the delivery of municipal services that are reliable and responsive to the needs of the citizens by updating essential utility infrastructure.

Criteria **WF Number:** Multiple - TBD

Growth-related System Demands, Age-related Infrastructure Renewal

Project Narrative:

Project WU04B provides for replacement or rehabilitation of water mains in areas that have experienced frequent main breaks, corrosion or hydraulic deficiencies. It also provides for replacement of hydrants and valves that have failed or are inoperable. This project has been coordinated with the City's Road Improvement Program.



External Funding Sources Available

None

Projected Timetable

Projects planned for FY13 include the replacement of water main at the intersection of Columbia and 5th Ave. and the replacement/upsizing of small diameter water mains on Spring St. from Mill to Washington Street and near the Downtown area.

Impact on Operating Budget

No new personnel; Nominal impact on Operations & Maintenance budget.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Water Utility	395,666	501,266	610,018	603,185	522,236	2,632,371
Unfunded Water	791,334	250,634	0	0	0	1,041,968
Subtotal	1,187,000	751,900	610,018	603,185	522,236	3,674,339
					Prior Year(s) Expenditures	1,256,646
					Total All Sources	4,930,985

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Benefits	77,979	0	12,374	0	0	0	0	0	0
Construction	423,292	513,000	278,795	1,187,000	751,900	610,018	603,185	522,236	3,674,339
Salaries	221,786	0	29,717	0	0	0	0	0	0
Services	22,867	0	1,142	0	0	0	0	0	0
Supplies	176,389	0	12,306	0	0	0	0	0	0
Subtotal	922,312	513,000	334,334	1,187,000	751,900	610,018	603,185	522,236	3,674,339
								Prior Year(s) Expenditures	1,256,646
								Total Project Cost	4,930,985

Project Number: WU05 **Project Title:** Water Utility Infrastructure Relocation - Misc. Locations

Department Name: Water/ Wastewater **CIP Status:** Recurring **Category Code:** LR **Sector:** Various

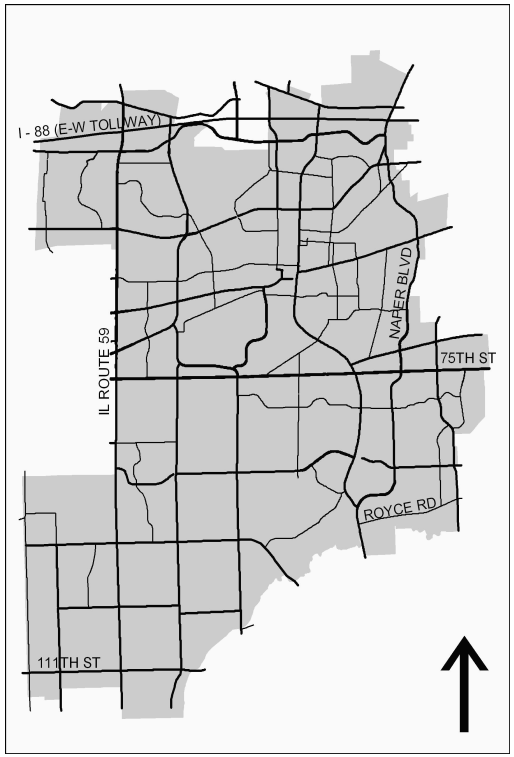
Criteria Mandate **WF Number:** Multiple - TBD

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 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 and North Aurora Road west of Route 59. Project changes from FY12 budget reflect the updated roadway improvement schedule.



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

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Water Utility	74,000	225,226	183,536	132,220	133,936	748,917
Unfunded Water	148,000	112,614	0	0	0	260,614
Subtotal	222,000	337,840	183,536	132,220	133,936	1,009,531
					Prior Year(s) Expenditures	1,896,010
					Total All Sources	2,905,541

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Benefits	22,405	0	1,321	0	0	0	0	0	0
Construction	1,703,455	106,000	0	219,000	334,750	182,475	130,035	132,810	999,069
Engineering	38,575	2,000	0	3,000	3,090	1,061	2,185	1,126	10,462
Salaries	73,495	0	5,509	0	0	0	0	0	0
Services	41,684	0	9,566	0	0	0	0	0	0
Subtotal	1,879,614	108,000	16,396	222,000	337,840	183,536	132,220	133,936	1,009,531
								Prior Year(s) Expenditures	1,896,010
								Total Project Cost	2,905,541

Project Number: WU08 **Project Title:** Water Main Oversizing Payments - New Developments

Department Name: Water/ Wastewater **CIP Status:** Annual **Category Code:** A **Sector:** Various

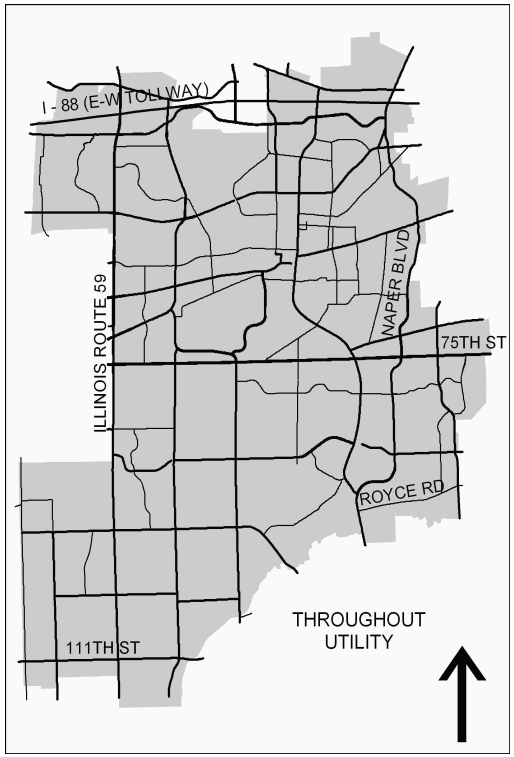
Project Purpose:

This project supports the provision of water service to new customers as a demonstration of Naperville's commitment to provide essential services.

Criteria Growth-related System Demands **WF Number:** TBD

Project Narrative:

Some water main extensions in new developments throughout the utility service area are oversized from 8" to 10" and 12" or 16" diameter in accordance with the City's Master Water Utility Plan. Payments are made to the developer for the incremental costs of water main oversizing with offsetting revenues collected from the Infrastructure Availability Charges.



External Funding Sources Available

None

Projected Timetable

Ongoing through FY17, as requested by developers.

Impact on Operating Budget

Nominal impact on Operating and Maintenance budget -- oversizing payments funded by Infrastructure Availability charges (IAC).

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Water Utility	8,333	17,682	26,523	27,318	28,138	107,993
Unfunded Water	16,667	8,840	0	0	0	25,507
Subtotal	25,000	26,523	26,523	27,318	28,138	133,501
					Prior Year(s) Expenditures	0
					Total All Sources	133,501

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	0	25,000	0	25,000	26,523	26,523	27,318	28,138	133,501
Services	0	0	0	0	0	0	0	0	0
Subtotal	0	25,000	0	25,000	26,523	26,523	27,318	28,138	133,501
								Prior Year(s) Expenditures	0
								Total Project Cost	133,501

Project Number: WU10 **Project Title:** Water Distribution System - Additions/Extensions

Department Name: Water/ Wastewater **CIP Status:** Annual **Category Code:** A **Sector:** Various

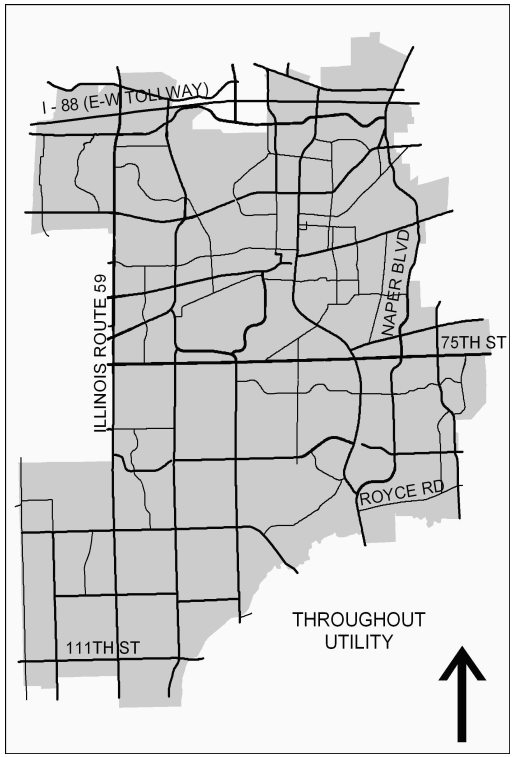
Criteria Growth-related System Demands **WF Number:** Various - TBD

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 small 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.



External Funding Sources Available

None

Projected Timetable

Engineering and construction ongoing through FY16-17 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

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Water Utility	78,667	87,206	148,526	1,029,349	1,154,772	2,498,520
Unfunded Water	157,333	43,604	0	0	0	200,937
Subtotal	236,000	130,810	148,526	1,029,349	1,154,772	2,699,457
					Prior Year(s) Expenditures	3,220,307
					Total All Sources	5,919,764

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Benefits	41,795	0	7,310	0	0	0	0	0	0
Construction	2,328,497	856,000	686,973	234,000	128,750	146,404	1,021,700	1,146,894	2,677,748
Engineering	0	63,000	0	2,000	2,060	2,122	7,649	7,879	21,709
Salaries	119,288	0	22,005	0	0	0	0	0	0
Services	0	0	14,213	0	0	0	0	0	0
Supplies	225	0	0	0	0	0	0	0	0
Subtotal	2,489,805	919,000	730,502	236,000	130,810	148,526	1,029,349	1,154,772	2,699,457
								Prior Year(s) Expenditures	3,220,307
								Total Project Cost	5,919,764

Project Number: WU19 **Project Title:** Water Metering Additions - New

Department Name: Water/ Wastewater **CIP Status:** Annual **Category Code:** A **Sector:** Various

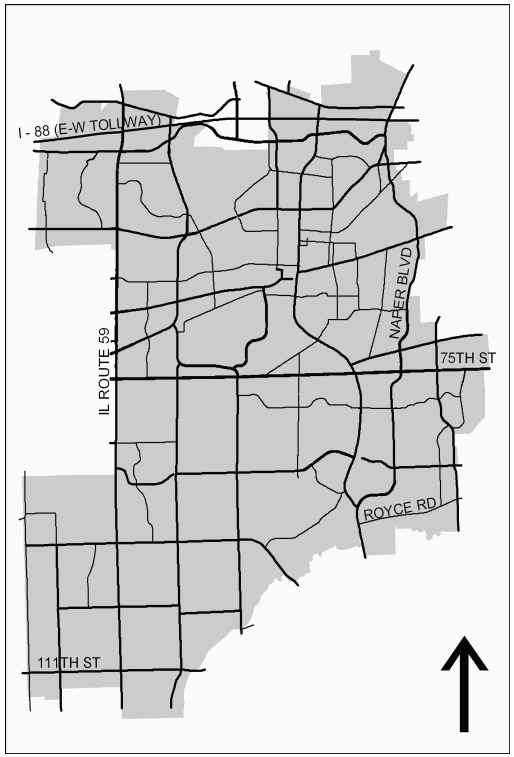
Criteria Growth-related System Demands **WF Number:** TBD

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.



External Funding Sources Available

None

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

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Water Utility	25,000	51,500	79,568	81,955	84,413	322,435
Unfunded Water	50,000	25,750	0	0	0	75,750
Subtotal	75,000	77,250	79,568	81,955	84,413	398,185
					Prior Year(s) Expenditures	683,903
					Total All Sources	1,082,088

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Benefits	49,412	0	4,021	0	0	0	0	0	0
Construction	330,005	75,000	664	75,000	77,250	79,568	81,955	84,413	398,185
Salaries	158,223	0	10,943	0	0	0	0	0	0
Services	23,121	0	0	0	0	0	0	0	0
Supplies	80,966	0	26,547	0	0	0	0	0	0
Subtotal	641,728	75,000	42,175	75,000	77,250	79,568	81,955	84,413	398,185
								Prior Year(s) Expenditures	683,903
								Total Project Cost	1,082,088

Project Number: WU20 **Project Title:** Water Metering Replacement

Department Name: Water/ Wastewater **CIP Status:** Annual **Category Code:** A **Sector:** Various

Criteria **WF Number:** TBD

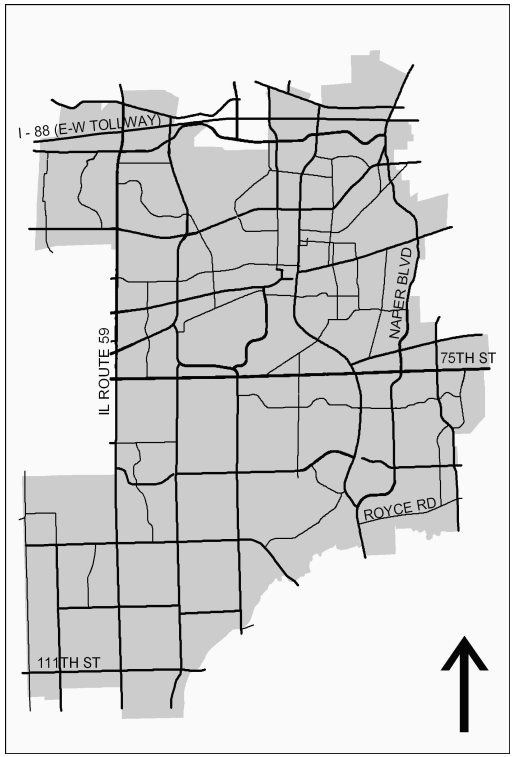
Age-related Infrastructure Renewal

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 comply with water accountability standards of the Illinois Department of Natural Resources and the American Water Works Association (AWWA).



External Funding Sources Available

None

Projected Timetable

This project will utilize contractor services to replace approximately 11,000 water meters between FY12-13 and FY16-17.

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

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	(63,158)	(179,541)	(266,619)	(334,327)	(402,034)	(1,245,679)
Subtotal	(63,158)	(179,541)	(266,619)	(334,327)	(402,034)	(1,245,679)
					Prior Year(s) Impact	0
					Total Project Impact	(1,245,679)

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Water Utility	146,667	257,500	265,225	273,182	281,377	1,223,951
Unfunded Water	293,333	128,750	0	0	0	422,083
Subtotal	440,000	386,250	265,225	273,182	281,377	1,646,034
					Prior Year(s) Expenditures	2,480,110
					Total All Sources	4,126,144

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Benefits	114,590	0	5,280	0	0	0	0	0	0
Construction	1,083,257	440,000	125,026	189,000	162,740	102,907	105,995	109,174	669,816
Equip. & Furnishing	0	0	0	251,000	223,510	162,318	167,187	172,203	976,218
Salaries	350,451	0	14,213	0	0	0	0	0	0
Services	69,833	0	688	0	0	0	0	0	0
Supplies	583,988	0	132,784	0	0	0	0	0	0
Subtotal	2,202,118	440,000	277,991	440,000	386,250	265,225	273,182	281,377	1,646,034
								Prior Year(s) Expenditures	2,480,110
								Total Project Cost	4,126,144

Project Number: WU22 **Project Title:** Automatic Meter Reading (AMR/AMI) Project - Pilot

Department Name: Water/ Wastewater **CIP Status:** Recurring **Category Code:** B **Sector:** Various

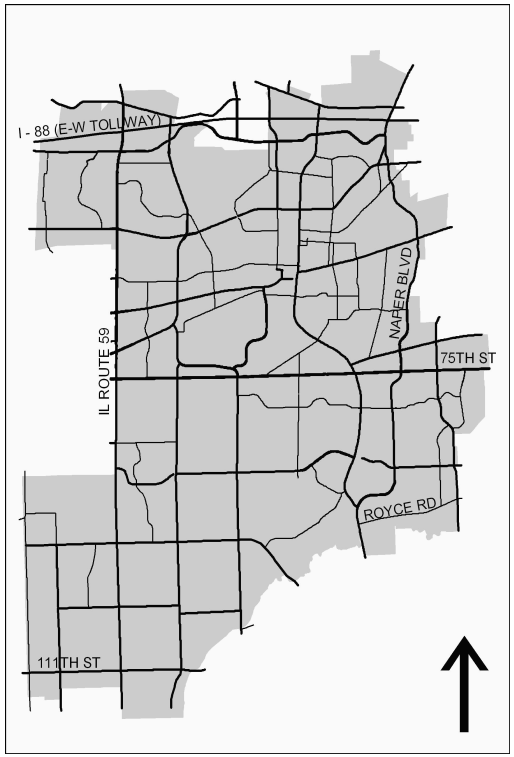
Project Purpose: **Criteria** **WF Number:** TBD

This project supports the use of technology to deliver meter reading services efficiently.

Project Coordination

Project Narrative:

This pilot project is an ongoing joint effort with DPU-Electric (Project EU77) to find and implement the most efficient and cost-effective Automatic Meter Reading (AMR/AMI) program available for both water and electric utility customers. Implementation of this project will replace the existing outside readers with transmitters. The existing meters will be retained and re-utilized. A 10 percent annual reduction in meter-reading costs is anticipated beginning in FY15-16.



External Funding Sources Available

None

Projected Timetable

Implementation of AMR/AMI to water-only customers in various locations throughout the City anticipated through FY 2013-14, with widespread implementation anticipated to begin in FY 2014-15.

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

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	0	0	0	(23,000)	(46,000)	(69,000)
Subtotal	0	0	0	(23,000)	(46,000)	(69,000)
					Prior Year(s) Impact	0
					Total Project Impact	(69,000)

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Water Utility	3,333	6,867	424,360	437,091	450,204	1,321,854
Unfunded Water	6,667	3,433	0	0	0	10,100
Subtotal	10,000	10,300	424,360	437,091	450,204	1,331,954
					Prior Year(s) Expenditures	3,131
					Total All Sources	1,335,086

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Benefits	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0
Equip. & Furnishing	0	10,000	0	10,000	10,300	424,360	437,091	450,204	1,331,954
Salaries	0	0	0	0	0	0	0	0	0
Services	3,131	0	0	0	0	0	0	0	0
Supplies	0	0	0	0	0	0	0	0	0
Subtotal	3,131	10,000	0	10,000	10,300	424,360	437,091	450,204	1,331,954
								Prior Year(s) Expenditures	3,131
								Total Project Cost	1,335,086

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

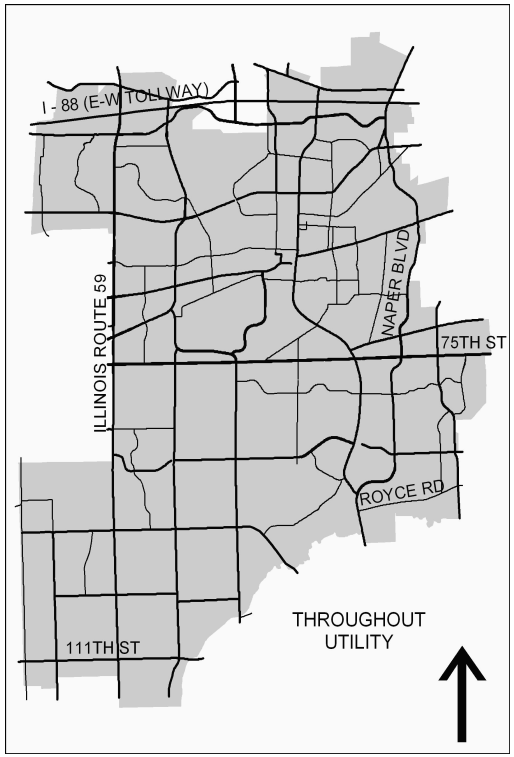
Age-related Infrastructure Renewal

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 replacement of well equipment and rehabilitation of the 8 remaining groundwater wells and the City's emergency water supply. 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 $200,000 per year for 8 years. Annual O&M costs to operate and test the wells is approximately $125,000 per year.



External Funding Sources Available

None

Projected Timetable

Construction: ongoing through FY16-17, and beyond 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

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Water Utility	67,000	136,990	212,180	218,545	225,102	859,817
Unfunded Water	133,000	69,010	0	0	0	202,010
Subtotal	200,000	206,000	212,180	218,545	225,102	1,061,827
					Prior Year(s) Expenditures	86,543
					Total All Sources	1,148,370

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	52,293	50,000	34,250	200,000	206,000	212,180	218,545	225,102	1,061,827
Subtotal	52,293	50,000	34,250	200,000	206,000	212,180	218,545	225,102	1,061,827
								Prior Year(s) Expenditures	86,543
								Total Project Cost	1,148,370

Project Number: WU33 **Project Title:** SCADA Improvements and Upgrades

Department Name: Water/ Wastewater **CIP Status:** Changed - Recurring **Category Code:** A **Sector:** Various

Project Purpose:

This project supports the delivery of municipal services that are reliable and responsible to the needs of the citizens by updating essential utility infrastructure.

Criteria Growth-related System Demands **WF Number:** TBD

Project Narrative:

This project provides extension of the City's fiber communication network to all remote Water Supply sites. This is the last year of the transition of Water Supply SCADA data transmission phone line communications system to City-owned fiber network, greatly expanding the capacity & capabilities of the system. Faster, more reliable transmission of critical real-time information, and future security upgrades at lower cost are some of the benefits. In addition to completing the fiber communication extension, security cameras will be installed at remote water facilities and linked to the Utility's SCADA system to enhance security. The total FY12-13 budget for security cameras, including server and storage upgrades, totals $277,108. The remaining $100,000 is for the completion of the fiber communication network extension to remote Water Booster & Pumping Stations.

External Funding Sources Available

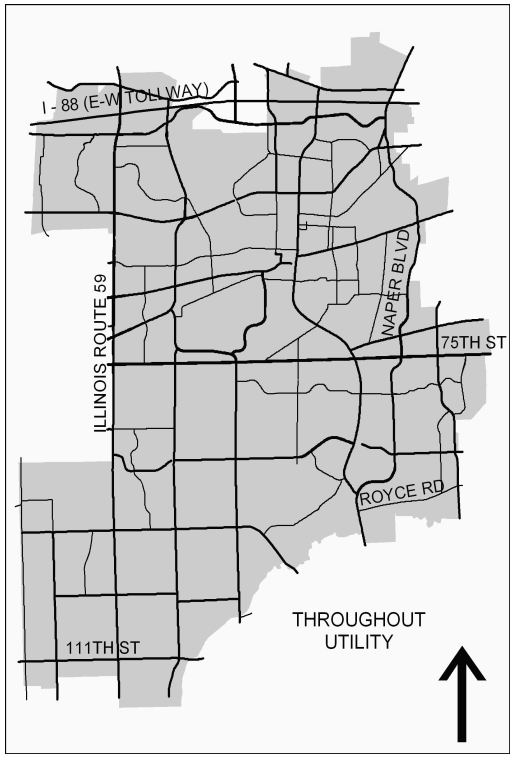
None

Projected Timetable

Construction/installation: FY12-13.

Impact on Operating Budget

No additional personnel; nominal Operating and Maintenance expenses anticipated.



Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Water Utility	124,446	0	0	0	0	124,446
Unfunded Water	252,662	0	0	0	0	252,662
Subtotal	377,108	0	0	0	0	377,108
					Prior Year(s) Expenditures	1,034,043
					Total All Sources	1,411,151

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Benefits	32,591	0	10,244	0	0	0	0	0	0
Construction	443,961	650,000	59,478	377,108	0	0	0	0	377,108
Salaries	87,622	0	31,649	0	0	0	0	0	0
Services	17,707	0	14,352	0	0	0	0	0	0
Supplies	251,290	0	85,150	0	0	0	0	0	0
Subtotal	833,170	650,000	200,873	377,108	0	0	0	0	377,108
								Prior Year(s) Expenditures	1,034,043
								Total Project Cost	1,411,151

Project Number: WWU05 **Project Title:** Wastewater Utility Infrastructure Relocation - Various Locations

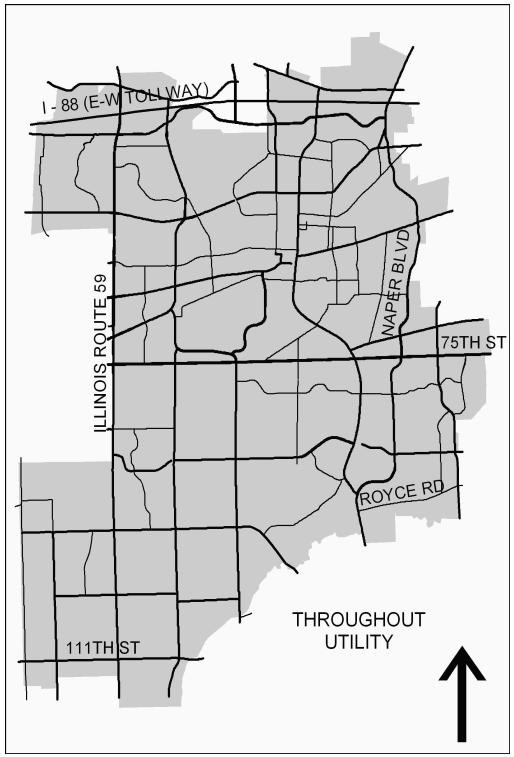
Department Name: Water/ Wastewater **CIP Status:** Changed - Recurring **Category Code:** LR **Sector:** Various

Project Purpose: **Criteria** Mandate **WF Number:** TBD

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 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 two major projects known at this time are Route 59 from Ferry Road to Aurora Avenue and North Aurora road west of Route 59. Project changes from FY12 budget reflect the updated roadway improvement schedule.



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

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Water Utility	38,333	216,987	149,587	124,571	126,057	655,535
Unfunded Water	76,667	108,493	0	0	0	185,160
Subtotal	115,000	325,480	149,587	124,571	126,057	840,695
					Prior Year(s) Expenditures	845,141
					Total All Sources	1,685,836

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Benefits	18,452	0	1,067	0	0	0	0	0	0
Construction	729,590	106,000	6,787	113,000	323,420	146,404	122,385	123,806	829,016
Engineering	0	2,000	0	2,000	2,060	3,183	2,185	2,251	11,679
Salaries	53,408	0	4,345	0	0	0	0	0	0
Services	27,723	0	3,769	0	0	0	0	0	0
Subtotal	829,173	108,000	15,968	115,000	325,480	149,587	124,571	126,057	840,695
								Prior Year(s) Expenditures	845,141
								Total Project Cost	1,685,836

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:

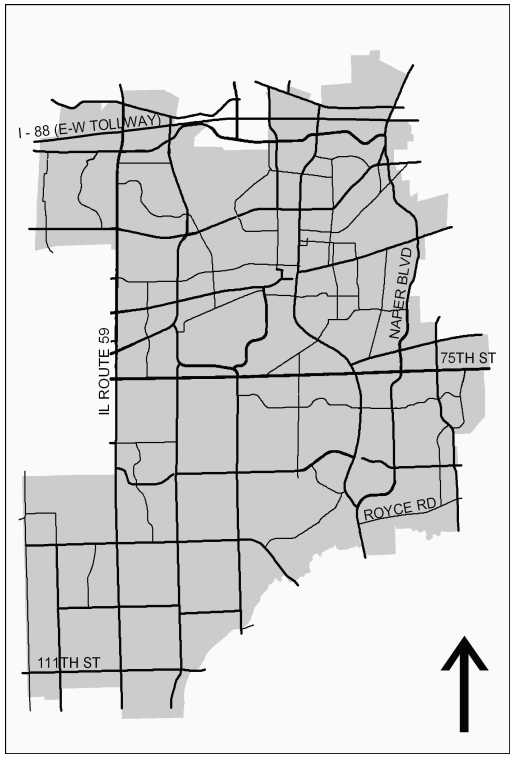
This project is for the preservation of existing essential sanitary sewer system assets by rehabilitating sanitary sewer system infrastructure in targeted areas that are known to have high levels of groundwater infiltration.

Criteria **WF Number:** TBD

Age-related Infrastructure Renewal

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.



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

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Water Utility	734,000	1,512,040	2,336,102	2,406,185	2,478,371	9,466,697
Unfunded Water	1,468,000	756,020	0	0	0	2,224,020
Subtotal	2,202,000	2,268,060	2,336,102	2,406,185	2,478,371	11,690,717
					Prior Year(s) Expenditures	952,653
					Total All Sources	12,643,370

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Benefits	0	0	541	0	0	0	0	0	0
Construction	0	2,202,000	950,228	2,202,000	2,268,060	2,336,102	2,406,185	2,478,371	11,690,717
Salaries	0	0	1,396	0	0	0	0	0	0
Supplies	0	0	488	0	0	0	0	0	0
Subtotal	0	2,202,000	952,653	2,202,000	2,268,060	2,336,102	2,406,185	2,478,371	11,690,717
								Prior Year(s) Expenditures	952,653
								Total Project Cost	12,643,370

Project Number: WWU09 **Project Title:** Sanitary Sewer Oversizing Payments - New Developments

Department Name: Water/ Wastewater **CIP Status:** Annual **Category Code:** A **Sector:** Various

Project Purpose:

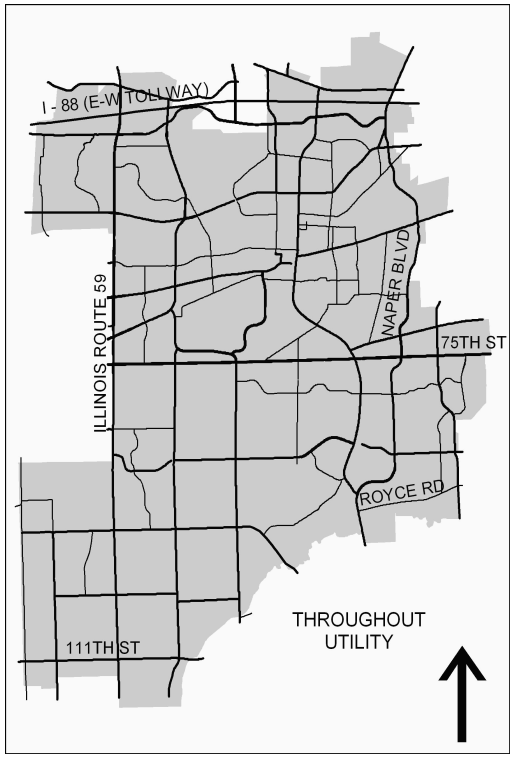
This project supports the provision of wastewater service to new customers as a demonstration of Naperville's commitment to provide essential services.

Criteria **WF Number:** TBD

Growth-related System Demands

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 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 with off-setting revenues collected from the Infrastructure Availability Charges.



External Funding Sources Available

None

Projected Timetable

Ongoing, as requested by developers.

Impact on Operating Budget

No impact on Operations & Maintenance budget -- oversizing payments funded by Infrastructure Availability Charges (IAC).

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Water Utility	8,250	17,682	26,523	27,318	28,138	107,910
Unfunded Water	16,750	8,840	0	0	0	25,590
Subtotal	25,000	26,523	26,523	27,318	28,138	133,501
					Prior Year(s) Expenditures	391,600
					Total All Sources	525,101

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	391,600	25,000	0	25,000	26,523	26,523	27,318	28,138	133,501
Services	0	0	0	0	0	0	0	0	0
Subtotal	391,600	25,000	0	25,000	26,523	26,523	27,318	28,138	133,501
								Prior Year(s) Expenditures	391,600
								Total Project Cost	525,101

Project Number: WWU10 **Project Title:** Sanitary Sewer Capacity Improvements

Department Name: Water/ Wastewater **CIP Status:** Recurring **Category Code:** A **Sector:** Various

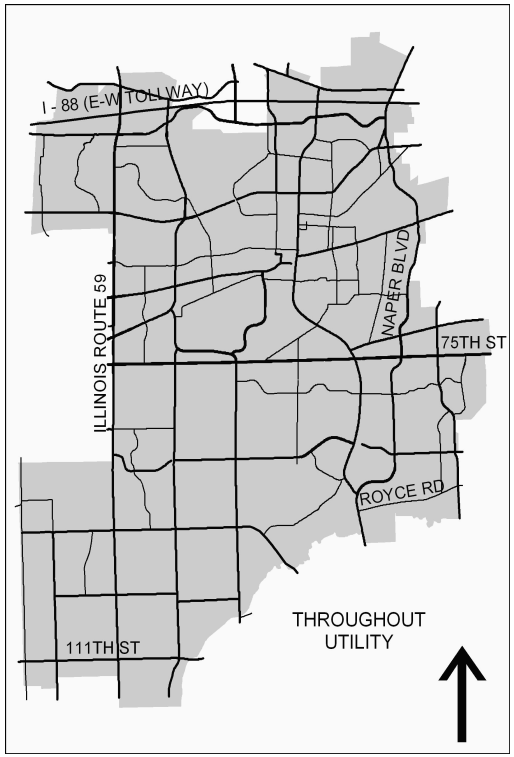
Criteria Growth-related System Demands **WF Number:** TBD

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 or provide relief sewers to eliminate sewer back ups into basements and prevent illicit discharges. Final project locations to be determined. The FY13 project is to provide a relief sewer on Porter Avenue.



External Funding Sources Available

None

Projected Timetable

Engineering scheduled for FY12-13. Construction planned annually FY12-13 through FY16-17.

Impact on Operating Budget

Nominal impact on system Operating & Maintenance budget.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Water Utility	177,666	36,393	57,289	60,100	60,777	392,225
Unfunded Water	355,334	18,197	0	0	0	373,531
Subtotal	533,000	54,590	57,289	60,100	60,777	765,756
					Prior Year(s) Expenditures	143,538
					Total All Sources	909,294

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Benefits	3,249	0	0	0	0	0	0	0	0
Construction	114,794	3,000	0	523,000	54,590	57,289	60,100	60,777	755,756
Engineering	0	0	0	10,000	0	0	0	0	10,000
Salaries	10,822	0	0	0	0	0	0	0	0
Services	14,672	0	0	0	0	0	0	0	0
Subtotal	143,538	3,000	0	533,000	54,590	57,289	60,100	60,777	765,756
								Prior Year(s) Expenditures	143,538
								Total Project Cost	909,294

Project Number: WWU28 **Project Title:** SWRC - Tertiary Treatment (Sand Filters) Replacement

Department Name: Water/ Wastewater **CIP Status:** Recurring **Category Code:** A **Sector:** Southeast

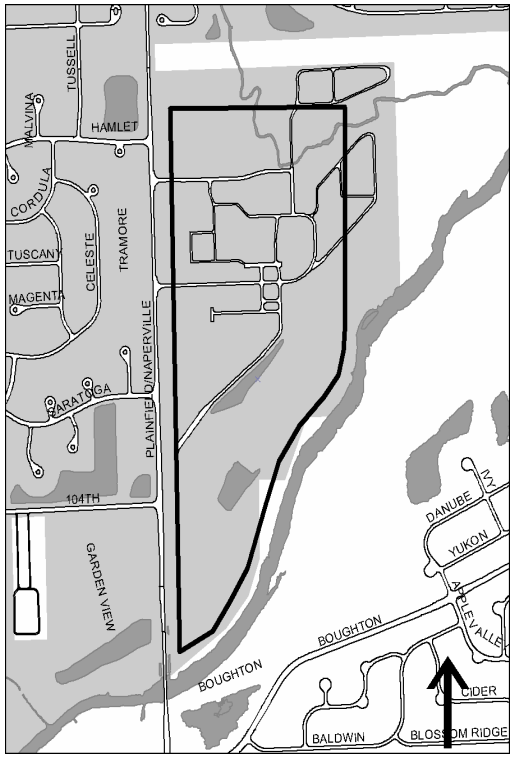
Criteria Age-related Infrastructure Renewal **WF Number:** TBD

Project Purpose:

This project supports the delivery of municipal services that are reliable and responsive to the needs of the citizens by preserving essential utility infrastructure.

Project Narrative:

This project is to repair the 8 original tertiary sand filters at the Springbrook Water Reclamation plant. The 30+ year old filters are near the end of their service life. A replacement filtration system was researched and evaluated to provide filtration capacity for the entire built-out plant in the same areas where filters 1-8 now reside. Capacity of the new filters must be able to accommodate future projected loadings due to anticipated regulatory requirements for the removal of phosphorus and nitrogen from the wastewater stream prior to discharge to the DuPage River. Funding in FY12 covered the repair costs for the two filters that were damaged and out of service. Two additional filters will be repaired in FY13. The remaining years assume repairs to one filter per year until all are replaced.



External Funding Sources Available

None

Projected Timetable

Design Engineering and Construction programmed annually FY12-13 through FY16-17.

Impact on Operating Budget

No new personnel; Nominal impact on system Operating & Maintenance budget.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Water Utility	391,334	423,673	638,662	690,603	698,941	2,843,213
Unfunded Water	782,666	211,837	0	0	0	994,503
Subtotal	1,174,000	635,510	638,662	690,603	698,941	3,837,716
					Prior Year(s) Expenditures	184,861
					Total All Sources	4,022,577

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Benefits	5,244	0	3,664	0	0	0	0	0	0
Construction	50,329	1,195,000	97,164	1,169,000	633,450	636,540	688,418	696,690	3,824,098
Engineering	0	75,000	0	5,000	2,060	2,122	2,185	2,251	13,618
Salaries	16,607	0	11,343	0	0	0	0	0	0
Services	0	0	510	0	0	0	0	0	0
Subtotal	72,180	1,270,000	112,681	1,174,000	635,510	638,662	690,603	698,941	3,837,716
								Prior Year(s) Expenditures	184,861
								Total Project Cost	4,022,577

Project Number: WWU34 **Project Title:** Sanitary Sewer Lift Station Rehabilitation Program

Department Name: Water/ Wastewater **CIP Status:** Annual **Category Code:** A **Sector:** Various

Project Purpose:

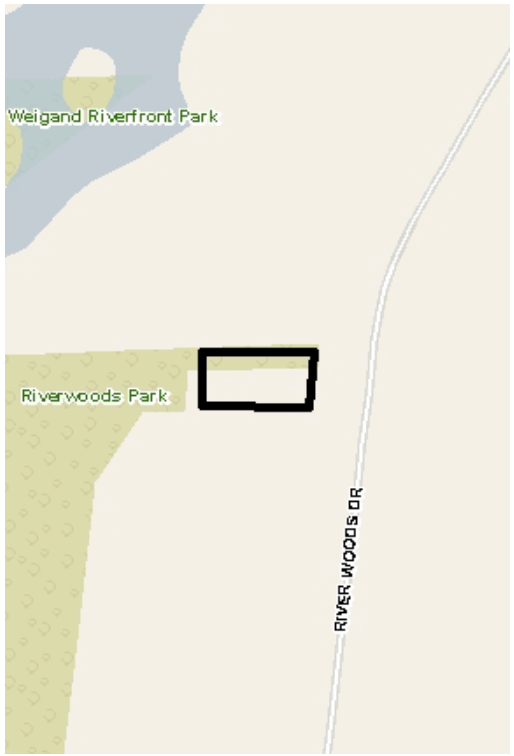
This project supports the delivery of municipal services that are reliable and responsive to the needs of the citizens by maintaining the utility infrastructure.

Criteria **WF Number:** Multiple - TBD

Age-related Infrastructure Renewal

Project Narrative:

This project will rehabilitate six of the City's oldest 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 at all lift stations.



External Funding Sources Available

None

Projected Timetable

This project will rehabilitate one lift station per fiscal year. The Huffman lift station will be rehabilitated in FY 2012-13, 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

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Water Utility	165,000	206,000	318,270	327,818	337,653	1,354,741
Unfunded Water	335,000	103,000	0	0	0	438,000
Subtotal	500,000	309,000	318,270	327,818	337,653	1,792,741
					Prior Year(s) Expenditures	750,765
					Total All Sources	2,543,506

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Benefits	14,855	0	9,286	0	0	0	0	0	0
Construction	373,509	300,000	239,504	500,000	309,000	318,270	327,818	337,653	1,792,741
Salaries	43,823	0	29,343	0	0	0	0	0	0
Services	2,343	0	3,579	0	0	0	0	0	0
Supplies	34,524	0	0	0	0	0	0	0	0
Subtotal	469,054	300,000	281,711	500,000	309,000	318,270	327,818	337,653	1,792,741
								Prior Year(s) Expenditures	750,765
								Total Project Cost	2,543,506

Public Works

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

Department: **Public Works**

Page	WF #	Estimated Total Cost	Funding Source		FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
MB145	(none)	Changed - Recurring		Carpeting at City Hall					
		424,487	U		0	107,635	156,085	160,767	0
	Project Total	**424,487**			**0**	**107,635**	**156,085**	**160,767**	**0**
MB160		Changed - Recurring		Downtown Parking Deck Maintenance Program					
		199,772	E		42,800	156,972	0	0	0
	Project Total	**199,772**			**42,800**	**156,972**	**0**	**0**	**0**
PA020	(none)	Changed - Recurring		Annual Tree Planting Program					
		88,634	U		0	0	0	0	88,634
	Project Total	**88,634**			**0**	**0**	**0**	**0**	**88,634**
PA040		Annual		Emerald Ash Borer Removal and Replacement Program					
		1,984,723	U		975,000	511,266	290,819	103,809	103,828
	Project Total	**1,984,723**			**975,000**	**511,266**	**290,819**	**103,809**	**103,828**
SC223	(none)	Annual		Alley Improvement Program					
		530,914	R		100,000	103,000	106,090	109,273	112,551
	Project Total	**530,914**			**100,000**	**103,000**	**106,090**	**109,273**	**112,551**
SL125	(none)	Changed - Recurring		Capital Upgrade/Replacement of Street Lighting Systems					
		208,318	U		0	128,750	79,568	0	0
	Project Total	**208,318**			**0**	**128,750**	**79,568**	**0**	**0**
SL135	(none)	Changed - Recurring		Street Light Upgrade - Knoch Knolls and Gartner Road					
		65,200	U		65,200	0	0	0	0
	Project Total	**65,200**			**65,200**	**0**	**0**	**0**	**0**
SW001	(none)	Annual		Annual Stormwater Management Projects					
		690,188	U		130,000	133,900	137,917	142,055	146,316

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) 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

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

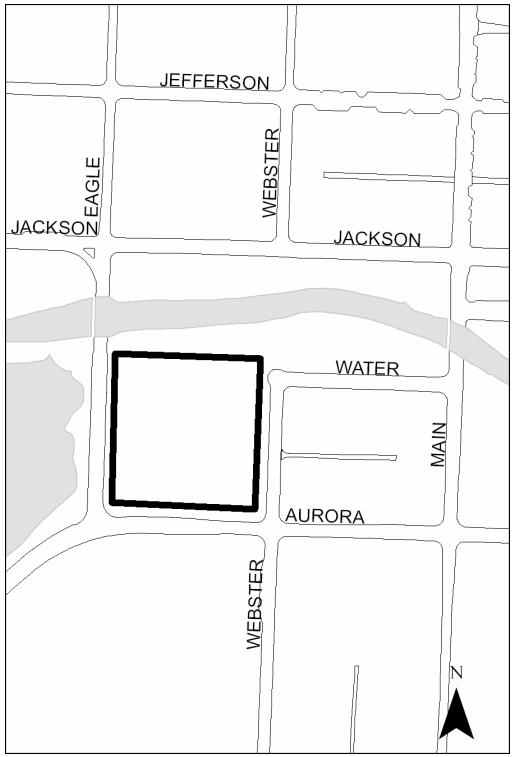
Department: **Public Works**

Page	WF #	Estimated Total Cost	Funding Source		FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
	Project Total	**690,188**			**130,000**	**133,900**	**137,917**	**142,055**	**146,316**
SW017	(none)	Annual		Storm Sewer Lining Program					
		5,009,136	U		700,000	1,030,000	1,060,900	1,092,727	1,125,509
	Project Total	**5,009,136**			**700,000**	**1,030,000**	**1,060,900**	**1,092,727**	**1,125,509**
SW025		Recurring		Storm Sewer Extension Program					
		270,822	U		75,000	15,450	79,568	16,391	84,413
	Project Total	**270,822**			**75,000**	**15,450**	**79,568**	**16,391**	**84,413**
SW026		Recurring		Stormwater System Replacement Program					
		323,797	U		35,000	103,000	37,132	109,273	39,393
	Project Total	**323,797**			**35,000**	**103,000**	**37,132**	**109,273**	**39,393**
	Department Total	**9,795,989**			**2,123,000**	**2,289,973**	**1,948,078**	**1,734,294**	**1,700,644**

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) 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

Project Number: MB145 **Project Title:** Carpeting at City Hall
Department Name: Public Works **CIP Status:** Changed - Recurring **Category Code:** C **Sector:** Northwest
Project Purpose: **Criteria** **WF Number:** (none)
Project related to City's Strategic Plan through City Services Need

Project Narrative:
This project will replace the carpeting at City Hall on all three levels. The current carpeting is reaching 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.



External Funding Sources Available

Projected Timetable
Ground Level FY13-14, Main Level FY14-15, Upper Level FY15-16

Impact on Operating Budget
This project will have minimal impact on the operating budget. This is a cost neutral project.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Unfunded Capital	0	107,635	156,085	160,767	0	424,487
Subtotal	0	107,635	156,085	160,767	0	424,487
					Prior Year(s) Expenditures	0
					Total All Sources	424,487

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	0	0	0	0	107,635	156,085	160,767	0	424,487
Subtotal	0	0	0	0	107,635	156,085	160,767	0	424,487
								Prior Year(s) Expenditures	0
								Total Project Cost	424,487

Project Number: MB160 **Project Title:** Downtown Parking Deck Maintenance Program

Department Name: Public Works **CIP Status:** Changed - Recurring **Category Code:** A **Sector:** Northeast

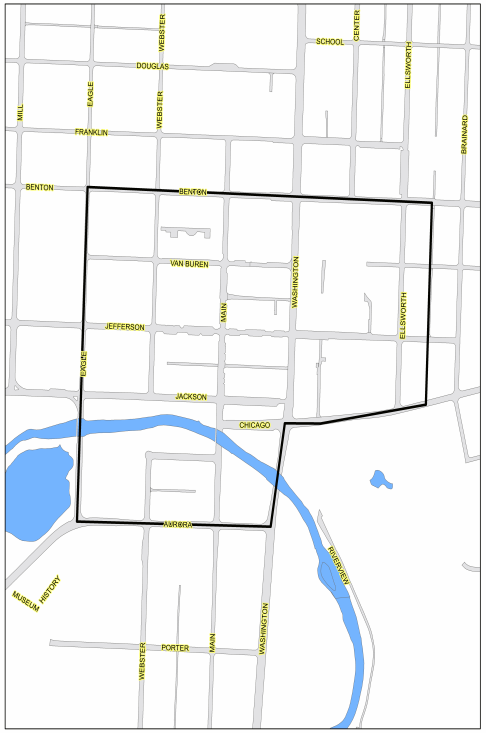
Project Purpose: **Criteria** **WF Number:**

Project supports the Strategic Plan through City Services, Residential Life and Transportation Need

Project Narrative:

The Chicago Ave. and Van Buren Parking Decks were built in 1986 and 2001 respectively. These decks require on-going maintenance based on a detailed inspection report. In FY10-11 both the Chicago Ave. and Van Buren Decks had structural and concrete repairs and the application of joint and surface sealers. Additional work was also added in FY11 for shear connector repairs and replacements. In FY11-12, the Van Buren Deck had the floor slab sealed, the coves sealed, expansion joint replacements, a new traffic topping membrane, which prevents against salt migration into concrete and steel supports, and additional sealants and concrete repairs. In FY12-13, the Van Buren Deck will require waterproofing repairs. expansion joint repair and will also require repairs to the stair/elevator lobby enclosures. In FY13-14, the Chicago Avenue Deck will require striping and other concrete repairs.

External Funding Sources Available



Projected Timetable

Annual maintenance work including: lighting repairs, drainage controls, concrete work and painting.
FY12-13 - Van Buren Deck - Waterproofing repairs and repairs to the stair/elevator lobby enclosures.

Impact on Operating Budget

This project will help to reduce emergency repair costs associated with the downtown parking decks.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
SSA Fund	42,800	156,972	0	0	0	199,772
Subtotal	42,800	156,972	0	0	0	199,772
					Prior Year(s) Expenditures	343,232
					Total All Sources	543,004

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	304,981	284,490	0	38,520	141,275	0	0	0	179,795
Engineering	38,251	31,610	0	4,280	15,697	0	0	0	19,977
Subtotal	343,232	316,100	0	42,800	156,972	0	0	0	199,772
								Prior Year(s) Expenditures	343,232
								Total Project Cost	543,004

Project Number: PA020 **Project Title:** Annual Tree Planting Program

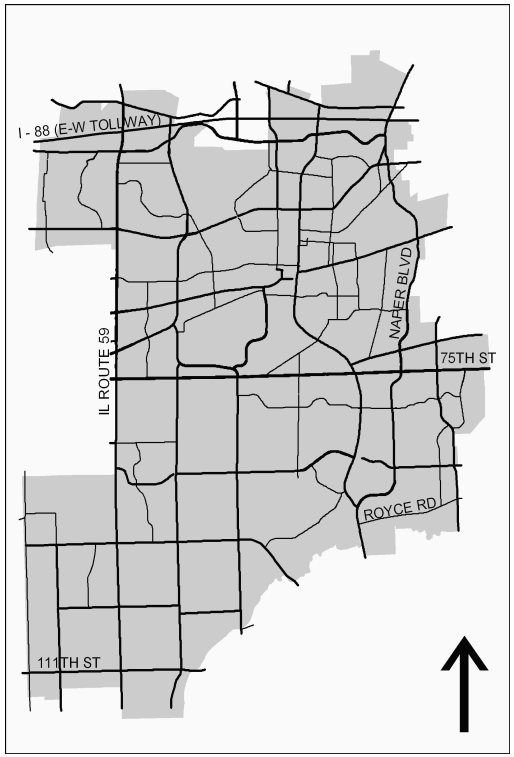
Department Name: Public Works **CIP Status:** Changed - Recurring **Category Code:** B **Sector:** Various

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

This project supports the City's Strategic Plan through City Services and Residential Life and this project supports Implementation Strategy #23 of the Ogden Avenue Corridor Enhancement Initiative.

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. 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. With council authorization, DPW extended the program starting in FY11. There were 2,780 sites identified for planting with 350 trees planted in FY11. The plan was to plant 225 trees in FY11-12 and FY12-13 and 330 trees in the next six years to complete the program, however the arterial tree planting program is being put on hold until FY17 to offset the cost of tree removal and replacement in PA040 - Emerald Ash Borer Program.



External Funding Sources Available

Projected Timetable

In FY16-17, 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.

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

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	0	0	0	0	11,180	11,180
Subtotal	0	0	0	0	11,180	11,180
					Prior Year(s) Impact	0
					Total Project Impact	11,180

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Unfunded Capital	0	0	0	0	88,634	88,634
Subtotal	0	0	0	0	88,634	88,634
					Prior Year(s) Expenditures	811,543
					Total All Sources	900,177

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	772,593	78,750	38,950	0	0	0	0	88,634	88,634
Subtotal	772,593	78,750	38,950	0	0	0	0	88,634	88,634
								Prior Year(s) Expenditures	811,543
								Total Project Cost	900,177

Project Number: PA040 **Project Title:** Emerald Ash Borer Removal and Replacement Program

Department Name: Public Works **CIP Status:** Annual **Category Code:** B **Sector:** Various

Project Purpose: **Criteria** **WF Number:**

This project supports the City's Strategic Plan through City Services and Residential Life

Need

Project Narrative:

The Emerald Ash Borer (EAB) was first identified in Naperville in June of 2008 and has since been found in all subdivisions throughout the City. Since 2008, the City has treated 6,054 of the City's 15,695 parkway ash trees. These ash trees account for 26% of the city's parkway tree inventory. In order to prevent the spread of EAB, DPW has developed a containment strategy which consists of removing ash trees that cannot be saved and treating the remaining ash trees citywide. The City plans to remove approximately 3,800 trees over the next 6 years. City crews can remove approximately 400 trees annually with the remainder of removals performed by contractors. This project will fund the removal and replacement of all trees removed by contractors and fund the replacement of all trees removed by city crews. On average, tree removals cost $500 per tree, restoration costs $125 per tree and a replacement tree costs $250.

External Funding Sources Available

Staff is seeking grant opportunities

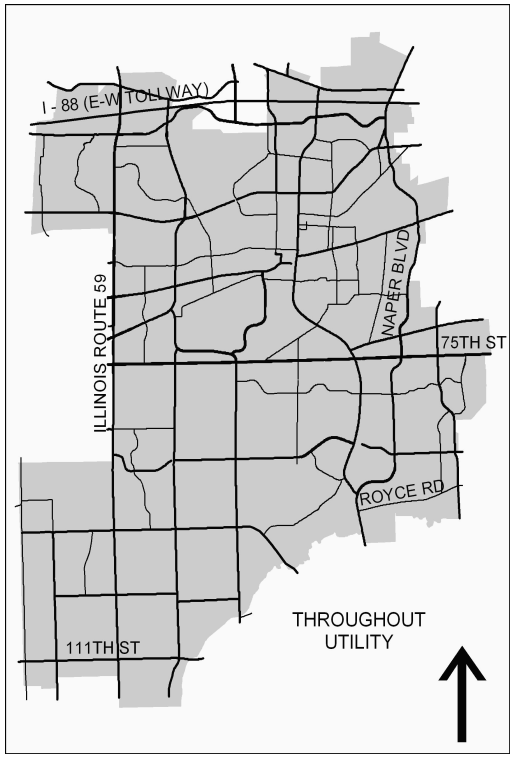
Projected Timetable

FY13 - Remove and Replace 1,400 trees (400 in-house and 1,000 contracted)

FY14 - Remove and Replace 853 trees (400 in-house and 453 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

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Unfunded Capital	975,000	511,266	290,819	103,809	103,828	1,984,723
Subtotal	975,000	511,266	290,819	103,809	103,828	1,984,723
					Prior Year(s) Expenditures	144,520
					Total All Sources	2,129,242

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	0	151,750	144,520	975,000	511,266	290,819	103,809	103,828	1,984,723
Subtotal	0	151,750	144,520	975,000	511,266	290,819	103,809	103,828	1,984,723
								Prior Year(s) Expenditures	144,520
								Total Project Cost	2,129,242

Project Number: SC223 **Project Title:** Alley Improvement Program

Department Name: Public Works **CIP Status:** Annual **Category Code:** A **Sector:** Various

Project Purpose: **Criteria** **WF Number:** (none)

This project supports the City's strategic plan through City Services, Residential Life, and Transportation. Need

Project Narrative:

The alley improvement program began in 2004, and involves engineering individual alleys for improved stormwater drainage. The City has completed 34 of 61 alleys and seeks to reconstruct 2 alleys annually until all alleys have been improved. The reconstruction involves the excavation of the existing pavement and sub-soil. A base course is placed and compacted, concrete curb and new bituminous asphalt pavement is installed with an inverted "V" shape to drain water out to the adjoining streets into the storm sewer system. Often, the site conditions warrant further improvements such as additional piping or infrastructure that must be installed prior to reconstruction of the alley. In FY12-13, DPW plans to reconstruct the alley on Ellsworth and Center from 5th to 6th and between Ellsworth and Center from 7th to 8th.

External Funding Sources Available

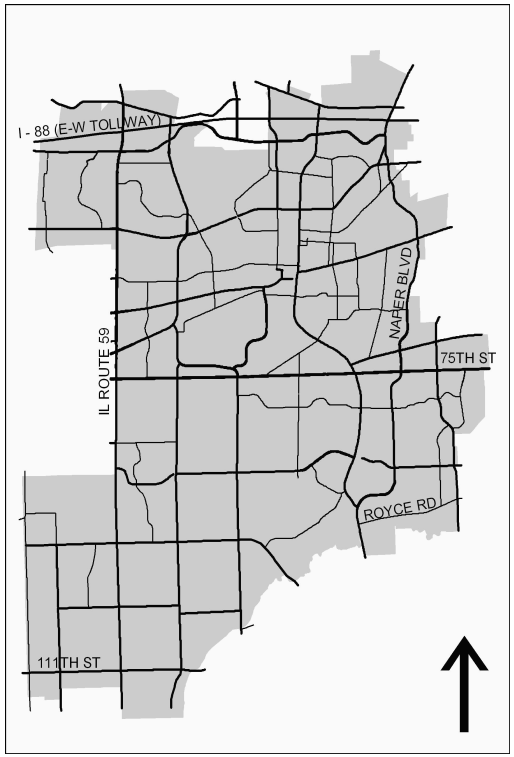
None

Projected Timetable

Annual project to improve alleyways throughout the City. At the current rate of completion, it will take the City an additional 12 years to complete all alley segments.

Impact on Operating Budget

The General Fund funds the personnel expense associated with alley improvements. 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

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Road & Bridge Fund	100,000	103,000	106,090	109,273	112,551	530,914
Subtotal	100,000	103,000	106,090	109,273	112,551	530,914
					Prior Year(s) Expenditures	1,296,319
					Total All Sources	1,827,233

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Benefits	153,539	0	11,578	0	0	0	0	0	0
Construction	29,696	83,335	57,615	87,500	90,125	92,829	95,614	98,482	464,549
Engineering	18,368	16,665	5,300	12,500	12,875	13,261	13,659	14,069	66,364
Equipment& Furnishings	650	0	0	0	0	0	0	0	0
Salaries	437,329	0	30,166	0	0	0	0	0	0
Services	97,444	0	0	0	0	0	0	0	0
Supplies	416,220	0	38,414	0	0	0	0	0	0
Subtotal	1,153,246	100,000	143,073	100,000	103,000	106,090	109,273	112,551	530,914
								Prior Year(s) Expenditures	1,296,319
								Total Project Cost	1,827,233

Project Number: SL125 **Project Title:** Capital Upgrade/Replacement of Street Lighting Systems

Department Name: Public Works **CIP Status:** Changed - Recurring **Category Code:** A **Sector:** Various

Project Purpose: **Criteria** **WF Number:** (none)

This project supports the City's Strategic Plan through Residential Life, City Services, and Transportation. Need

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 FY14, 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 FY15 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

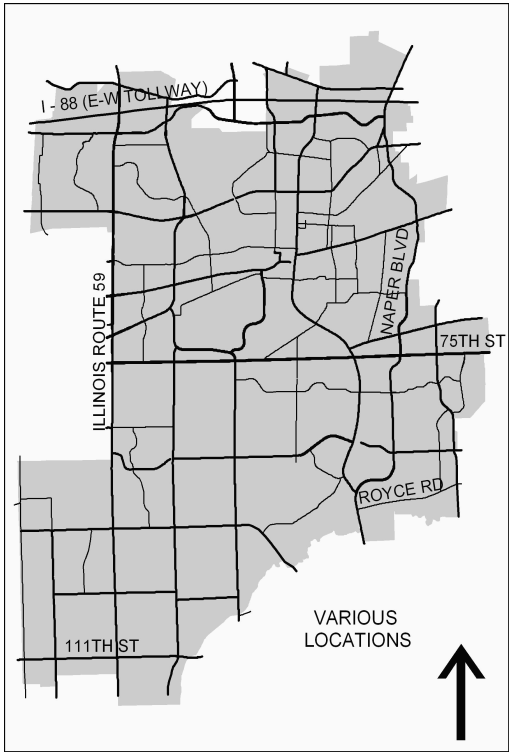
None

Projected Timetable

FY14 - 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. This program takes approximately 100 hours of staff time to administer.



Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	2,675	2,675	2,675	2,675	2,675	13,375
Subtotal	2,675	2,675	2,675	2,675	2,675	13,375
					Prior Year(s) Impact	0
					Total Project Impact	13,375

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Unfunded Capital	0	128,750	79,568	0	0	208,318
Subtotal	0	128,750	79,568	0	0	208,318
					Prior Year(s) Expenditures	443,332
					Total All Sources	651,650

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	440,682	0	0	0	128,750	79,568	0	0	208,318
Engineering	2,650	0	0	0	0	0	0	0	0
Subtotal	443,332	0	0	0	128,750	79,568	0	0	208,318
								Prior Year(s) Expenditures	443,332
								Total Project Cost	651,650

Project Number: SL135 **Project Title:** Street Light Upgrade - Knoch Knolls and Gartner Road

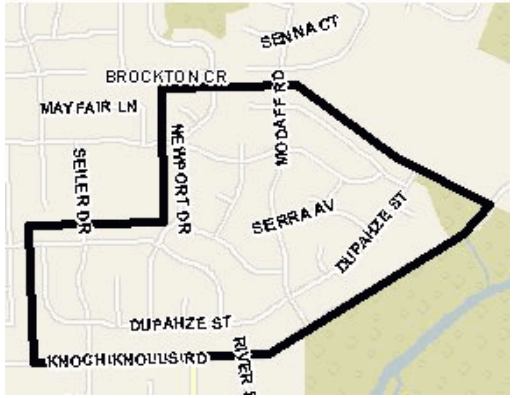
Department Name: Public Works **CIP Status:** Changed - Recurring **Category Code:** B **Sector:** Northwest

Project Purpose: **Criteria** **WF Number:** (none)

This project supports the City's Strategic Plan through Residential Life, City Services and Transportation. Need

Project Narrative:

This project seeks to complete the capital upgrades to the residential street lighting system started in FY11-12 in the Knoch Knolls subdivision. This project will bring all the street lights in the Knoch Knolls subdivision up to City standards. This project will also have DPU-E install street lights on Gartner from Magnolia south west to 75th Street in order to bring the street lights up to city standards. The project will involve installing 22 new street lights, cabling in uni-duct along with 2 street light controllers installed by a contractor. This project will restore reliability in the street lighting system & save potential street light repair costs.



External Funding Sources Available

Labor provided by and funded through DPU-E

Projected Timetable

FY12-13 - Complete Knoch Knoll and Gartner from Magnolia to 75th Street

Impact on Operating Budget

This project reduces operational costs by reducing potential repair costs such as emergency repairs to damaged underground cable.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	(2,500)	(2,500)	(2,500)	(2,500)	(2,500)	(12,500)
Subtotal	(2,500)	(2,500)	(2,500)	(2,500)	(2,500)	(12,500)
					Prior Year(s) Impact	0
					Total Project Impact	(12,500)

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Unfunded Capital	65,200	0	0	0	0	65,200
Subtotal	65,200	0	0	0	0	65,200
					Prior Year(s) Expenditures	84,176
					Total All Sources	149,376

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Benefits	0	0	13,696	0	0	0	0	0	0
Construction	0	200,000	0	25,200	0	0	0	0	25,200
Equip. & Furnishing	0	0	0	40,000	0	0	0	0	40,000
Salaries	0	0	33,125	0	0	0	0	0	0
Supplies	0	0	37,355	0	0	0	0	0	0
Subtotal	0	200,000	84,176	65,200	0	0	0	0	65,200
								Prior Year(s) Expenditures	84,176
								Total Project Cost	149,376

Project Number: SW001 **Project Title:** Annual Stormwater Management Projects

Department Name: Public Works **CIP Status:** Annual **Category Code:** B **Sector:** Various

Project Purpose: **Criteria** **WF Number:** (none)

This project supports the City's Strategic Plan through Residential Life and City Services. Need

Project Narrative:

Provides for ongoing and emergency stormwater management construction projects such as erosion control, reconstruction of overflow routes, and unexpected sewer additions addressing customer service issues. This project also provides for structure rebuilds and repairs, patching work and open drainage repairs and cleanings. Annually, the City receives approximately 175 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, which help to address localized flooding issues. 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

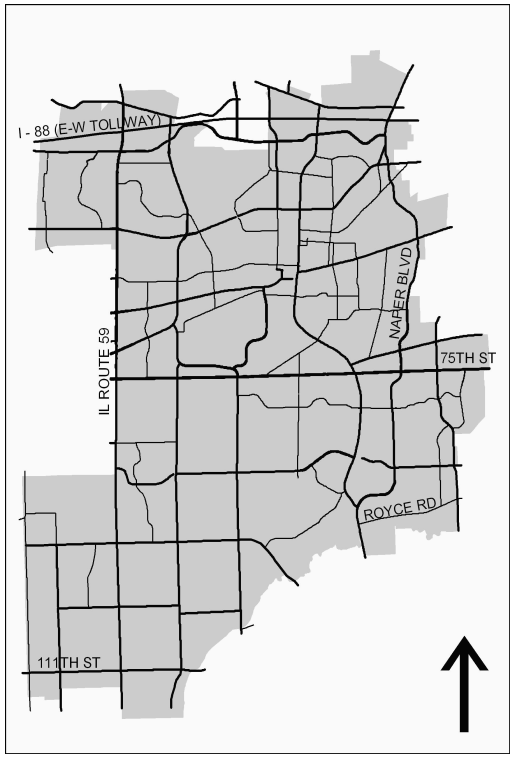
None

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

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	546,350
					Total All Sources	1,236,538

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	343,419	130,000	60,710	130,000	133,900	137,917	142,055	146,316	690,188
Engineering	20,449	0	13,774	0	0	0	0	0	0
Equipment& Furnishings	1,000	0	0	0	0	0	0	0	0
Services	87,948	0	0	0	0	0	0	0	0
Supplies	13,555	0	5,496	0	0	0	0	0	0
Subtotal	466,371	130,000	79,979	130,000	133,900	137,917	142,055	146,316	690,188
								Prior Year(s) Expenditures	546,350
								Total Project Cost	1,236,538

Project Number: SW017 **Project Title:** Storm Sewer Lining Program

Department Name: Public Works **CIP Status:** Annual **Category Code:** A **Sector:** Various

Project Purpose: **Criteria** **WF Number:** (none)

This project supports the City's Strategic Plan through Residential Life and City Services. Need

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 10,000-15,000 linear feet of storm sewer pipe planned for FY13, depending on the size of pipe that range from 8 inches to 36 inches in diameter. The City has re-lined approximately 118,686 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

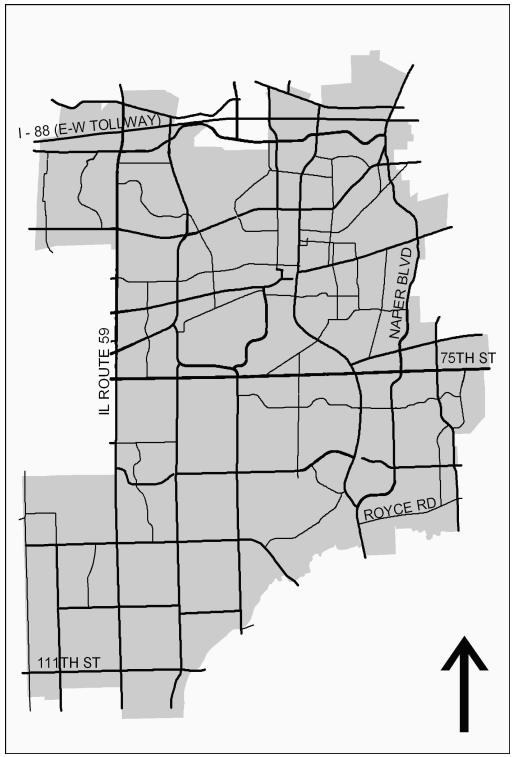
Projected Timetable

FY13 - East of Olesen to Lisle Border and South of Chicago - Grids 88, 103, 118

FY14 - West Highlands

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

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Unfunded Capital	700,000	1,030,000	1,060,900	1,092,727	1,125,509	5,009,136
Subtotal	700,000	1,030,000	1,060,900	1,092,727	1,125,509	5,009,136
					Prior Year(s) Expenditures	4,730,102
					Total All Sources	9,739,238

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	3,581,888	1,000,000	1,000,000	700,000	1,030,000	1,060,900	1,092,727	1,125,509	5,009,136
Equipment& Furnishings	148,214	0	0	0	0	0	0	0	0
Subtotal	3,730,102	1,000,000	1,000,000	700,000	1,030,000	1,060,900	1,092,727	1,125,509	5,009,136
								Prior Year(s) Expenditures	4,730,102
								Total Project Cost	9,739,238

Project Number: SW025 **Project Title:** Storm Sewer Extension Program

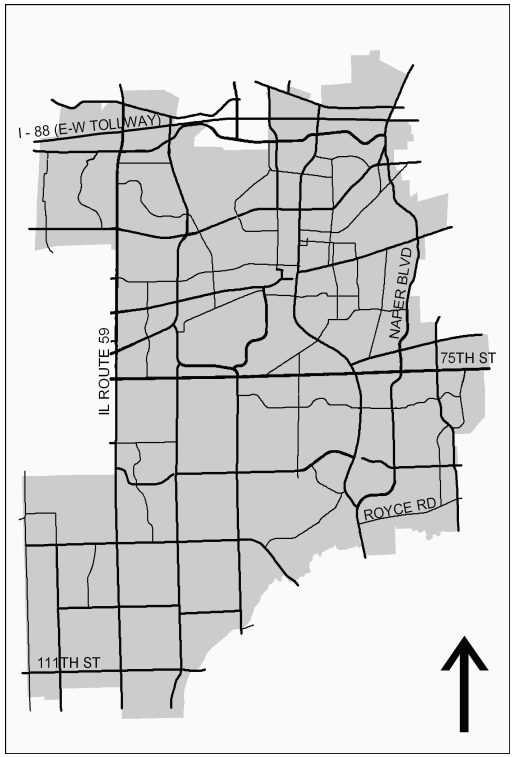
Department Name: Public Works **CIP Status:** Recurring **Category Code:** B **Sector:** Northwest

Project Purpose: **Criteria** **WF Number:**

This project supports the City's Strategic Plan through Residential Life and City Services. Coordination

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 - 2014, 2016

Construction Work - FY2013 ,2015, 2017

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

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	(500)	(500)	(1,000)	(1,000)	(1,000)	(4,000)
Subtotal	(500)	(500)	(1,000)	(1,000)	(1,000)	(4,000)
					Prior Year(s) Impact	0
					Total Project Impact	(4,000)

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Unfunded Capital	75,000	15,450	79,568	16,391	84,413	270,822
Subtotal	75,000	15,450	79,568	16,391	84,413	270,822
					Prior Year(s) Expenditures	0
					Total All Sources	270,822

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	0	0	0	75,000	0	79,568	0	84,413	238,981
Engineering	0	15,000	0	0	15,450	0	16,391	0	31,841
Subtotal	0	15,000	0	75,000	15,450	79,568	16,391	84,413	270,822
								Prior Year(s) Expenditures	0
								Total Project Cost	270,822

Project Number: SW026 **Project Title:** Stormwater System Replacement Program

Department Name: Public Works **CIP Status:** Recurring **Category Code:** A **Sector:** Various

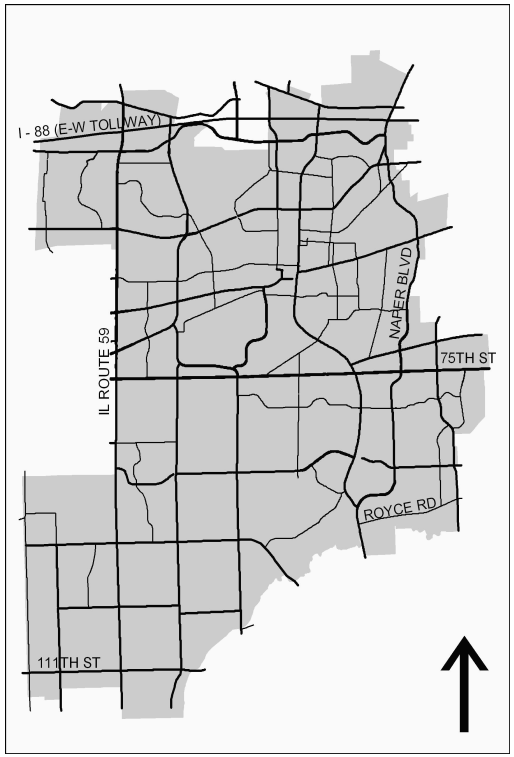
Project Purpose: **Criteria** **WF Number:**

This project supports the City's Strategic Plan through Residential Life and City Services. Coordination

Project Narrative:

This program seeks to replace deteriorated galvanized steel piping with new culverts and repair sections of the City's stormwater system. The current system is failing and causing pavement failures on major collector roads, creating sinkholes and other stormwater system failures. These projects will replace large pipes that are over 20 inches in diameter and will require the full closure of road sections. TED and DPW have identified five areas that will need replacement: Hobson Mill Road, Prairie School Basin, Oakridge Basin, 4th Avenue Culvert and Farmstead Ditch. The program will seek to do engineering work in year one and construction work in year two and alternate engineering and construction going forward to replace and repair culverts throughout the City. Costs may vary for each identified area, based upon engineering work completed prior to the replacement of the culverts.

External Funding Sources Available



Projected Timetable

Engineering Work - FY2013, 2015, 2017

Construction Work - FY2014, 2016

Impact on Operating Budget

Will Reduce the amount of emergency stormwater work for DPW and reduce the amount of emergency roadway work completed by TED.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	(1,000)	(2,000)	(2,000)	(2,000)	(2,000)	(9,000)
Subtotal	(1,000)	(2,000)	(2,000)	(2,000)	(2,000)	(9,000)
					Prior Year(s) Impact	0
					Total Project Impact	(9,000)

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Unfunded Capital	35,000	103,000	37,132	109,273	39,393	323,797
Subtotal	35,000	103,000	37,132	109,273	39,393	323,797
					Prior Year(s) Expenditures	26,916
					Total All Sources	350,713

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	11,052	100,000	1,916	0	103,000	0	109,273	0	212,273
Engineering	7,094	0	6,854	35,000	0	37,132	0	39,393	111,524
Subtotal	18,146	100,000	8,770	35,000	103,000	37,132	109,273	39,393	323,797
								Prior Year(s) Expenditures	26,916
								Total Project Cost	350,713

Riverwalk

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

Department: **Riverwalk**

Page	WF #	Estimated Total Cost	Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
PA022	(none)	Annual		Annual Riverwalk Rehabilitation Program				
		285,457	U	70,000	51,500	53,045	54,636	56,275
	Project Total	**285,457**		**70,000**	**51,500**	**53,045**	**54,636**	**56,275**
	Department Total	**285,457**		**70,000**	**51,500**	**53,045**	**54,636**	**56,275**

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) 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

Project Number: PA022 **Project Title:** Annual Riverwalk Rehabilitation Program

Department Name: Riverwalk **CIP Status:** Annual **Category Code:** A **Sector:** Northwest

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

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. The document is a valuable tool to assess future needs of the Riverwalk.

External Funding Sources Available

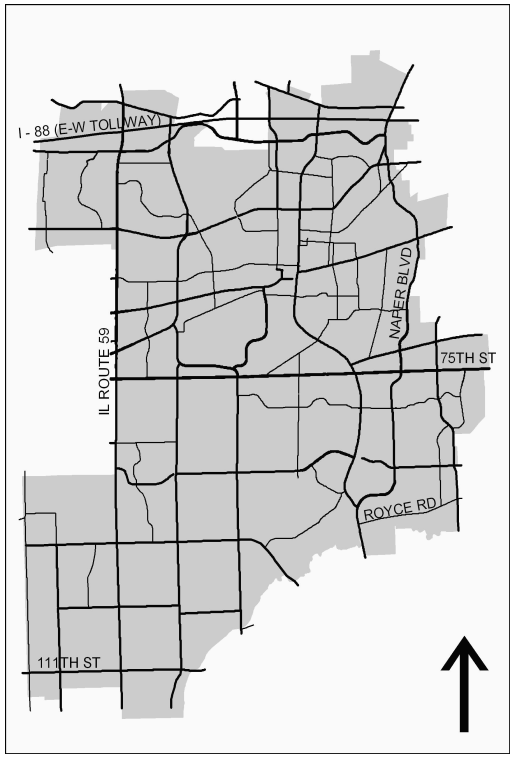
None

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

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Unfunded Capital	70,000	51,500	53,045	54,636	56,275	285,457
Subtotal	70,000	51,500	53,045	54,636	56,275	285,457
					Prior Year(s) Expenditures	269,304
					Total All Sources	554,761

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	218,629	50,000	8,736	70,000	51,500	53,045	54,636	56,275	285,457
Engineering	8,553	0	15,400	0	0	0	0	0	0
Services	17,986	0	0	0	0	0	0	0	0
Subtotal	245,168	50,000	24,136	70,000	51,500	53,045	54,636	56,275	285,457
								Prior Year(s) Expenditures	269,304
								Total Project Cost	554,761

TED

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

Department: **Transportation, Engineering & Development**

Page	WF #	Estimated Total Cost	Funding Source		FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
CS006	(none)	Annual		New Sidewalk Improvements					
		150,000	G		150,000	0	0	0	0
		1,350,000	U		150,000	300,000	300,000	300,000	300,000
	Project Total	**1,500,000**			**300,000**	**300,000**	**300,000**	**300,000**	**300,000**
MB035	(none)	Recurring		Municipal Parking Lot Maintenance					
		206,463	E		90,000	79,310	0	37,153	0
		1,301,611	N		730,000	374,920	0	196,691	0
		770,908	U		325,000	267,800	53,045	108,180	16,883
	Project Total	**2,278,981**			**1,145,000**	**722,030**	**53,045**	**342,024**	**16,883**
MP004	(none)	Annual		Sidewalk & Curb Replacement Program					
		425,000	P		85,000	85,000	85,000	85,000	85,000
		1,450,000	U		290,000	290,000	290,000	290,000	290,001
	Project Total	**1,875,000**			**375,000**	**375,000**	**375,000**	**375,000**	**375,000**
MP009	(none)	Annual		Street Maintenance Improvement Program					
		2,666,918	G		1,266,000	0	1,400,918	0	0
		18,338,001	H		4,034,000	3,605,000	3,602,342	3,495,030	3,601,629
		10,618,272	LH		2,000,000	2,060,000	2,121,800	2,185,454	2,251,018
		23,081,113	OR		3,800,000	5,236,660	3,774,746	5,220,170	5,049,538
		3,495,695	R		700,000	698,340	700,194	699,345	697,816
	Project Total	**58,200,000**			**11,800,000**	**11,600,000**	**11,600,000**	**11,600,000**	**11,600,000**
MP016		Recurring		Bikeway System Maintenance Program					
		861,827	U		0	206,000	212,180	218,545	225,102
	Project Total	**861,827**			**0**	**206,000**	**212,180**	**218,545**	**225,102**
SC099	(none)	Annual		Street Safety and Improvement Program					

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) 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

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

Department: **Transportation, Engineering & Development**

Page	WF #	Estimated Total Cost	Funding Source		FY12-13	FY13-14	FY14-15	FY15-16	FY16-17
		375,000	U		75,000	75,000	75,000	75,000	74,999
	Project Total	**375,000**			**75,000**	**75,000**	**75,000**	**75,000**	**74,999**
TC184	(none)	Recurring		LED Replacement Program					
		406,000	U		200,000	206,000	0	0	0
	Project Total	**406,000**			**200,000**	**206,000**	**0**	**0**	**0**
	Department Total	**65,496,809**			**13,894,999**	**13,484,030**	**12,615,226**	**12,910,568**	**12,591,984**

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) 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

Project Number: CS006 **Project Title:** New Sidewalk Improvements

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

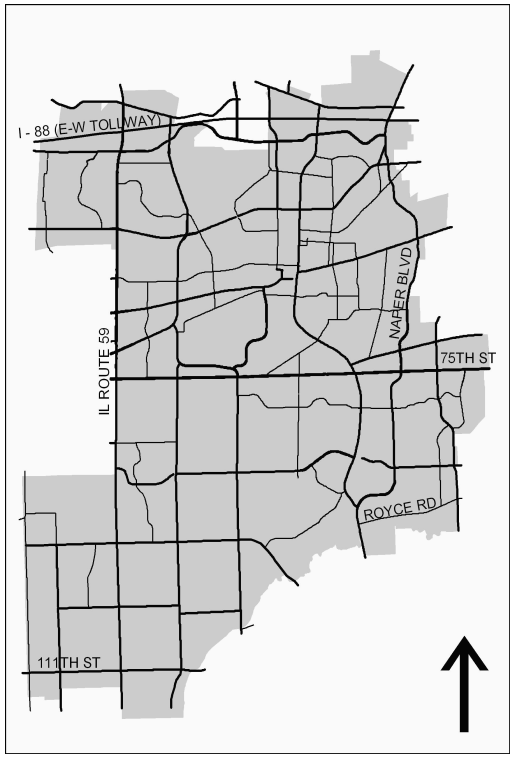
Criteria Need **WF Number:** (none)

Project Purpose:

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

Project Narrative:

This project provides new public sidewalk installation to fill gaps along arterial and collector roadways and on school walk routes. The city has applied for Federal Funding through the Safe Route to School Program. NOTE: At the August 16, 2011, City Council approved the locations for FY12-13 program. The FY 12-13 work locations include gaps along Book Road, Naperville/Wheaton Road, and in the East Highlands, Laird Woods and Naperville Heights Subdivisions.



External Funding Sources Available

Illinois Department of Transportation

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

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Other Government	150,000	0	0	0	0	150,000
Unfunded Capital	150,000	300,000	300,000	300,000	300,000	1,350,000
Subtotal	300,000	300,000	300,000	300,000	300,000	1,500,000
					Prior Year(s) Expenditures	987,372
					Total All Sources	2,487,372

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	825,504	180,000	153,295	300,000	300,000	300,000	300,000	300,000	1,500,000
Engineering	8,573	0	0	0	0	0	0	0	0
Subtotal	834,077	180,000	153,295	300,000	300,000	300,000	300,000	300,000	1,500,000
								Prior Year(s) Expenditures	987,372
								Total Project Cost	2,487,372

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

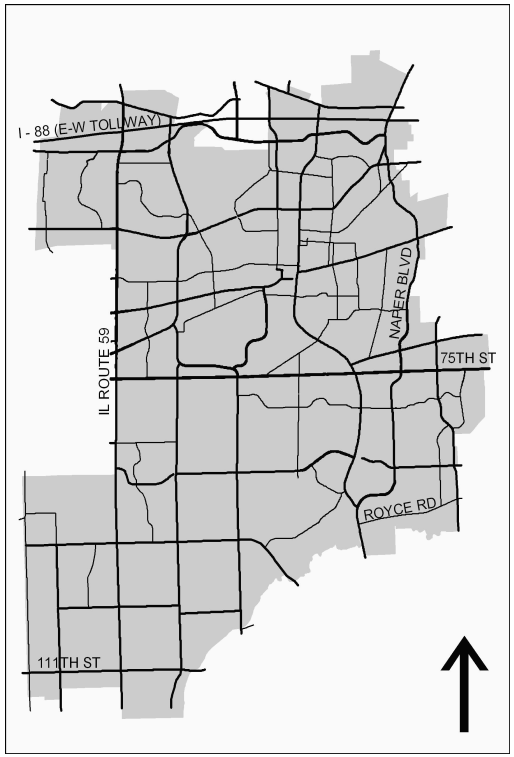
Department Name: Transportation, Engineering & Development **CIP Status:** Recurring **Category Code:** B **Sector:** Various

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

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. FY12-13 involves resurfacing West part of RT59 parking lot, Park View, 4th Avenue, Van Buren, Police Department and Fire Station 5 Parking lots. In addition, routine maintenance will take place at Fire Stations #1, #2, #3, and #7. FY 13-14 involves resurfacing Kroehler, Central Park Parking Lot, Fire Station #6.



External Funding Sources Available

None

Projected Timetable

See narrative

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

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
SSA Fund	90,000	79,310	0	37,153	0	206,463
Commuter Parking Fund	730,000	374,920	0	196,691	0	1,301,611
Unfunded Capital	325,000	267,800	53,045	108,180	16,883	770,908
Subtotal	1,145,000	722,030	53,045	342,024	16,883	2,278,981
					Prior Year(s) Expenditures	590,833
					Total All Sources	2,869,815

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	511,051	551,000	0	1,145,000	722,030	53,045	342,024	16,883	2,278,981
Engineering	66,782	0	0	0	0	0	0	0	0
Equipment& Furnishings	13,000	0	0	0	0	0	0	0	0
Subtotal	590,833	551,000	0	1,145,000	722,030	53,045	342,024	16,883	2,278,981
								Prior Year(s) Expenditures	590,833
								Total Project Cost	2,869,815

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

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

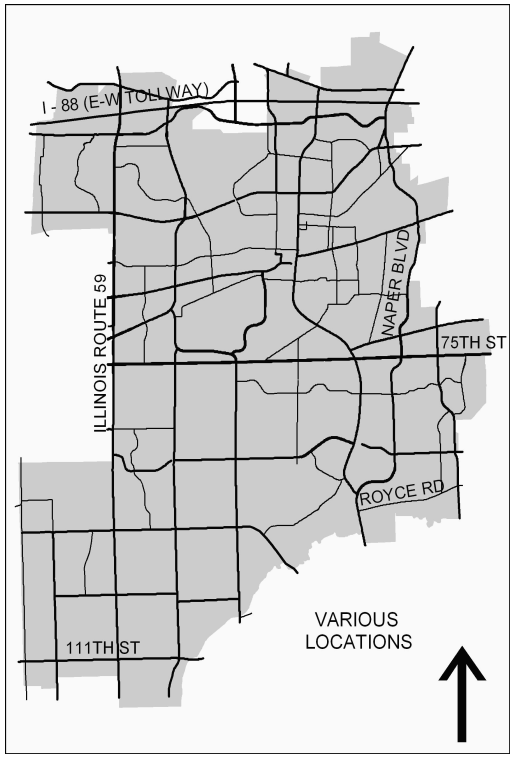
Project Purpose:

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

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

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.



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

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Private Contributions	85,000	85,000	85,000	85,000	85,000	425,000
Unfunded Capital	290,000	290,000	290,000	290,000	290,001	1,450,000
Subtotal	375,000	375,000	375,000	375,000	375,000	1,875,000
					Prior Year(s) Expenditures	2,229,953
					Total All Sources	4,104,953

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	1,993,469	375,000	200,312	375,000	375,000	375,000	375,000	375,000	1,875,000
Engineering	36,110	0	0	0	0	0	0	0	0
Services	63	0	0	0	0	0	0	0	0
Subtotal	2,029,641	375,000	200,312	375,000	375,000	375,000	375,000	375,000	1,875,000
								Prior Year(s) Expenditures	2,229,953
								Total Project Cost	4,104,954

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

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

Project Purpose:

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

Criteria **WF Number:** (none)

Coordination, Funding, Need

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. NOTE: The city has secured $1,066,000 for FY12-13 through Local Agency Pavement Preservation (LAPP) funding through DuPage Mayors and Managers Council in December 2009 to resurface Book Road (87th Street to 111th Street) and Diehl Road (Rt 59 to Raymond Dr). The Wheatland Township share of the Book Road project amounts to $200,000, which raises the FY 12-13 budget from $11.6 million to $11.8 million.

External Funding Sources Available

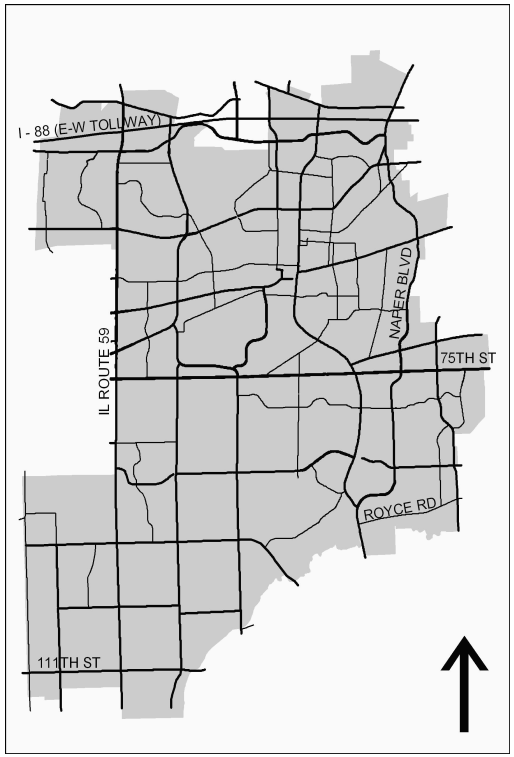
Local Agency Pavement Preservation (Federal), Wheatland Township

Projected Timetable

This is an annual construction project.

Impact on Operating Budget

Other Road Funding Source in FY13 includes $2.5 million of MFT fund balance and $1.3 million transfer from the General Fund. Deferral of this work will increase future maintenance program quantities and correspond to an increased cost of the work.



Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Other Government	1,266,000	0	1,400,918	0	0	2,666,918
Motor Fuel Tax	4,034,000	3,605,000	3,602,342	3,495,030	3,601,629	18,338,001
Local Motor Fuel Tax	2,000,000	2,060,000	2,121,800	2,185,454	2,251,018	10,618,272
Other Road Funding Source	3,800,000	5,236,660	3,774,746	5,220,170	5,049,538	23,081,113
Road & Bridge Fund	700,000	698,340	700,194	699,345	697,816	3,495,695
Subtotal	11,800,000	11,600,000	11,600,000	11,600,000	11,600,000	58,200,000
					Prior Year(s) Expenditures	42,026,333
					Total All Sources	100,226,334

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	26,939,547	10,500,000	8,395,079	11,715,000	11,497,000	11,568,173	11,600,000	11,600,000	57,980,173
Engineering	6,608,714	100,000	82,994	85,000	103,000	31,827	0	0	219,827
Subtotal	33,548,260	10,600,000	8,478,073	11,800,000	11,600,000	11,600,000	11,600,000	11,600,000	58,200,000
								Prior Year(s) Expenditures	42,026,333
								Total Project Cost	100,226,334

Project Number: MP016 **Project Title:** Bikeway System Maintenance Program

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

Project Purpose:

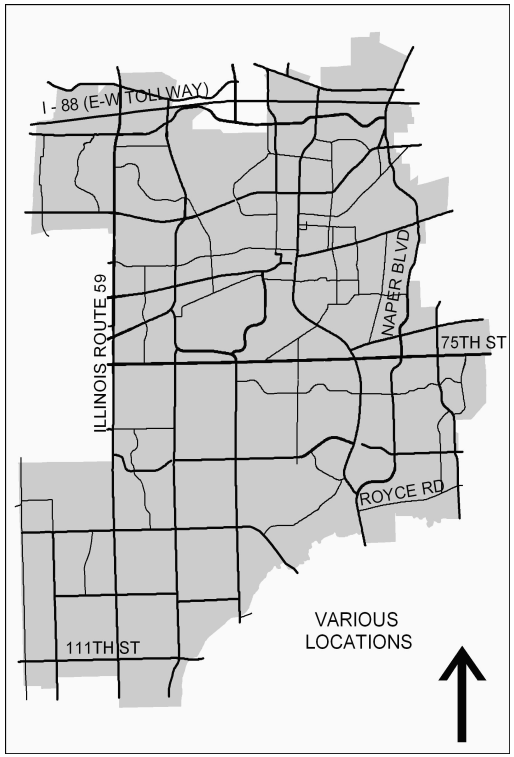
This project supports the Bicycle Plan component of the Comprehensive Transportation Plan. FUNCTION(S): Preservation and Bicycle and Pedestrian.

Criteria Coordination, Need

WF Number:

Project Narrative:

This program is intended to address the recurring capital maintenance requirements of city-owned trails and paths such as the Modaff trail south of 75th Street, along Book Road, 248th Street, and Freedom Drive. The City's current network of off-street paths consists of nearly 8.2 miles of pavement and continues to expand. 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. FY13-14 is programmed to be the first year of implementation based on the current age and condition of city trails.



External Funding Sources Available

None

Projected Timetable

Construction to begin in FY13-14.

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

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Unfunded Capital	0	206,000	212,180	218,545	225,102	861,827
Subtotal	0	206,000	212,180	218,545	225,102	861,827
					Prior Year(s) Expenditures	0
					Total All Sources	861,827

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	0	0	0	0	206,000	212,180	218,545	225,102	861,827
Subtotal	0	0	0	0	206,000	212,180	218,545	225,102	861,827
								Prior Year(s) Expenditures	0
								Total Project Cost	861,827

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

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

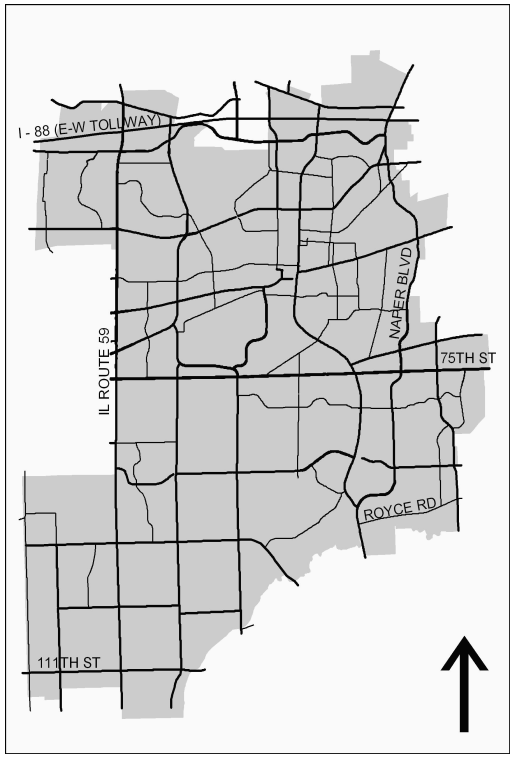
Criteria Investment, Need **WF Number:** (none)

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 FY12-13, projects include funding for modifications to pedestrian facilities associated pedestrian enhancements at the 75th Street and Fort Hill Drive intersection and installation of accessible pedestrian signals at the intersection of Chicago Avenue and Washington Street.



External Funding Sources Available

None

Projected Timetable

This is an annual project.

Impact on Operating Budget

Impacts will vary from year to year depending upon the type of safety improvement implemented. Anticipated maintenance costs will be determined after the design is known.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Unfunded Capital	75,000	75,000	75,000	75,000	74,999	375,000
Subtotal	75,000	75,000	75,000	75,000	74,999	375,000
					Prior Year(s) Expenditures	377,282
					Total All Sources	752,282

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	99,410	80,000	55,196	60,000	60,000	60,000	60,000	60,001	300,001
Engineering	219,374	20,000	3,301	15,000	15,000	15,000	15,000	15,000	74,999
Subtotal	318,784	100,000	58,497	75,000	75,000	75,000	75,000	75,000	375,001
								Prior Year(s) Expenditures	377,282
								Total Project Cost	752,282

Project Number: TC184 **Project Title:** LED Replacement Program

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

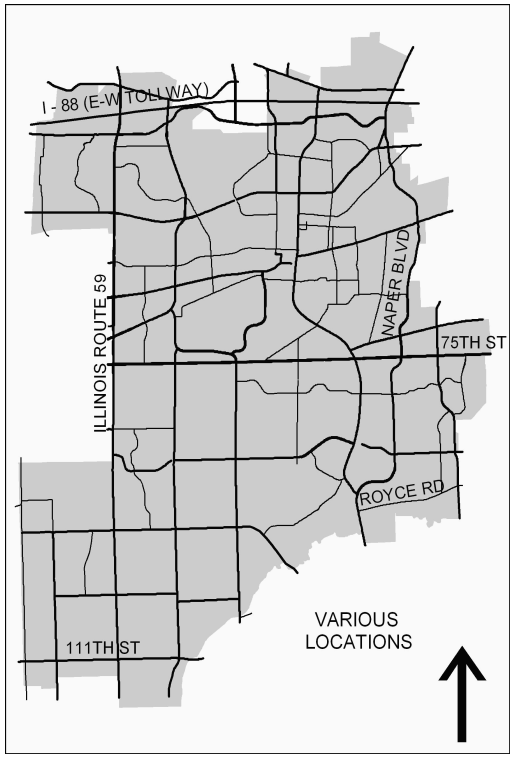
Project Purpose:

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

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

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 2005 and 2006 and have a provided significant reduction in energy savings with enhanced visibility. These lamps will fall below current minimum visibility standards after 7 years of service. The 5 year warranty on the original lamps also expired in August 2010 and the City will be paying for future lamp outages through the signal maintenance contract. This project has been programmed over three years to maximize the useful life of the lamps. NOTE: Construction costs for have been adjusted based upon the current LED lamp inventory.



External Funding Sources Available

None

Projected Timetable

Construction is currently underway. Construction will continue in FY 12-13 and FY 13-14.

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

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Unfunded Capital	200,000	206,000	0	0	0	406,000
Subtotal	200,000	206,000	0	0	0	406,000
					Prior Year(s) Expenditures	573,033
					Total All Sources	979,033

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	573,033	50,000	0	200,000	206,000	0	0	0	406,000
Subtotal	573,033	50,000	0	200,000	206,000	0	0	0	406,000
								Prior Year(s) Expenditures	573,033
								Total Project Cost	979,033

Appendix

Project Number: EQ036 **Project Title:** Sound System Equipment Replacement

Department Name: Community Relations **CIP Status:** Appendix A **Category Code:** A **Sector:**

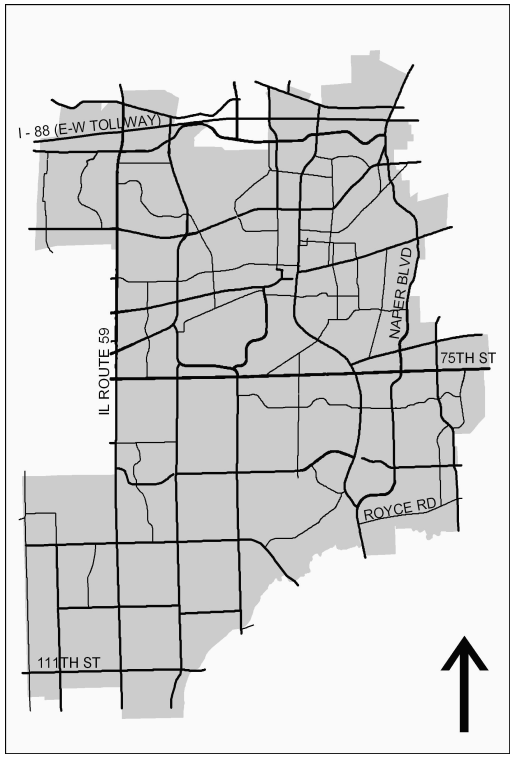
Criteria High Priority **WF Number:**

Project Purpose:

The purpose of this project is to replace nonfunctional, antiquated & inadequate sound system equipment located in the City Council Chambers in order to provide improved amplification for Council, staff & audience attending meetings as well as those watching from home on the city's government access station.

Project Narrative:

The sound system in the Council Chambers is inadequate for the Council members, staff and audience to clearly hear meeting. proceedings both in person & via City channel broadcast. The main sound system equipment(i.e. speakers, amplifiers, wiring) is the original equip. installed when the Municipal Ctr. opened in February 1992. In cooperation with NCTV17, City staff conducted a full audio system analysis, and the audio consultant recommended a complete audio system replacement in Council Chambers. In October 2011, Council approved inclusion of replacement of video equipment as well, to fully integrate the audio components for optimal performance.



External Funding Sources Available

Projected Timetable

Impact on Operating Budget

There would be minimal impact on Operating Budget for maintenance and support of new equipment since CMO has annually budgeted for maintenance and support of the existing equipment.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Capital Projects Fund	114,382	0	0	0	0	114,382
Subtotal	114,382	0	0	0	0	114,382
					Prior Year(s) Expenditures	197,777
					Total All Sources	312,159

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	3,325	0	155,647	0	0	0	0	0	0
Equip. & Furnishing	0	75,000	0	114,382	0	0	0	0	114,382
Equipment& Furnishings	3,305	0	35,500	0	0	0	0	0	0
Subtotal	6,630	75,000	191,147	114,382	0	0	0	0	114,382
								Prior Year(s) Expenditures	197,777
								Total Project Cost	312,159

Project Number: CE110 **Project Title:** Implementation of Fiber Manager GIS Software

Department Name: Electric **CIP Status:** Appendix A **Category Code:** A **Sector:** Various

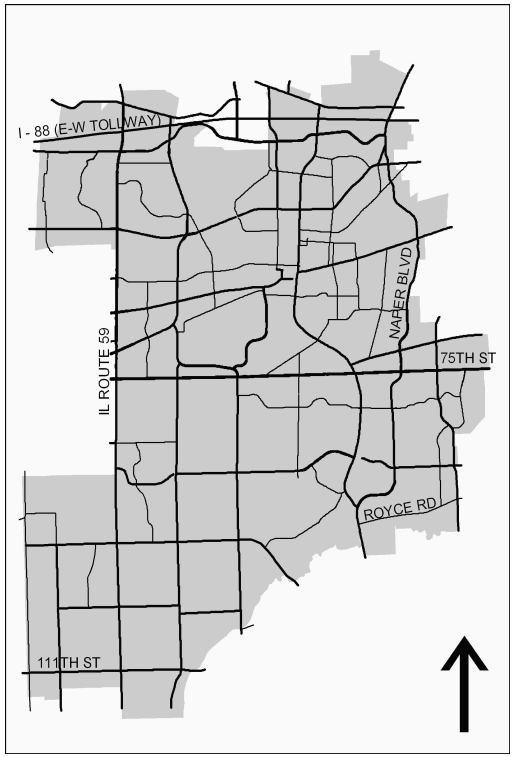
Criteria Technology Projects **WF Number:** TBD

Project Purpose:

This project supports the Public Utilities strategy - "Deliver Sufficient Infrastructure and Comprehensive Asset Management". This project involves implementing a system for managing the City's Fiber Optic data while leveraging the existing Geographic Information Systems database.

Project Narrative:

The City's existing data about its Fiber Optic communication system is currently managed through a combination of CAD drawings, Word documents and Excel spreadsheets. While this system has proven effective in the past, as the City continues the rapid expansion of its Fiber Optic system, a more automated means for managing the existing infrastructure and planning expansion projects will be required. This project will allow the migration of fiber data to the GIS system to effectively manage fiber assets. The system implemented for fiber strand management will provide a graphic interface for the management of complex connections. Fiber path tracing and analysis could then be performed.



External Funding Sources Available

None

Projected Timetable

Implementation of Fiber Manager will take place in the 2nd and 3rd quarters of FY10-11.

Impact on Operating Budget

Supported by existing staff. An annual maintenance fee will be added to the Operating Budget after implementation for $1,350 per license, annually. Since the plan is to purchase two licenses, the annual cost will be $2,700, starting FY 11-12 after implementation.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	2,700	2,700	2,700	0	0	8,100
Subtotal	2,700	2,700	2,700	0	0	8,100
					Prior Year(s) Impact	0
					Total Project Impact	8,100

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Subtotal	0	0	0	0	0	0
					Prior Year(s) Expenditures	95,191
					Total All Sources	95,191

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Benefits	0	0	0	0	0	0	0	0	0
Equipment& Furnishings	0	0	95,191	0	0	0	0	0	0
Salaries	0	0	0	0	0	0	0	0	0
Softwr & Maint.	0	0	0	0	0	0	0	0	0
Subtotal	0	0	95,191	0	0	0	0	0	0
								Prior Year(s) Expenditures	95,191
								Total Project Cost	95,191

Project Number: EU70 **Project Title:** Westside Substation - Replace 138kV Oil Circuit Breakers

Department Name: Electric **CIP Status:** Appendix A **Category Code:** A **Sector:** Northwest

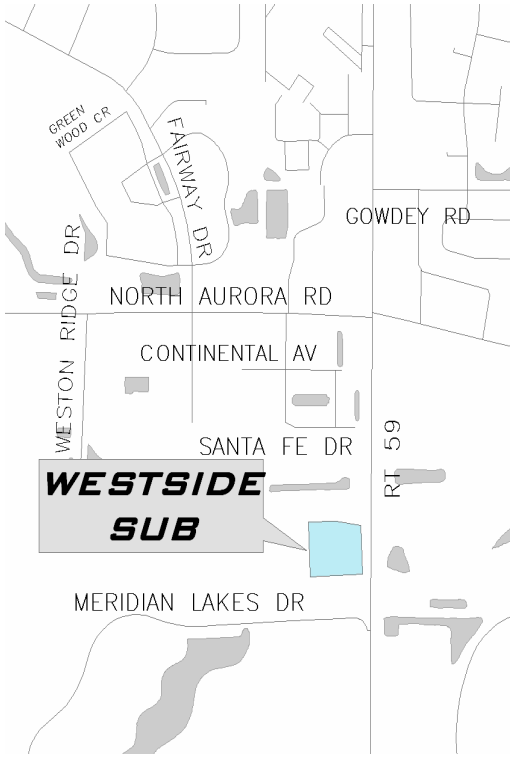
Project Purpose:

Replace the old 138 kV oil circuit breakers at Westside Substation with new 138 kV SF6 circuit breakers. It is supported by the "City Services" category of the "Strategic Plan."

Criteria Reliability Improvements **WF Number:** 59519

Project Narrative:

There are three 138kV oil circuit breakers at Westside Substation that are over 20 years old and approaching the end of useful life. This type of circuit breaker was once the industry standard, but today is approaching antique status. In the last couple years, it has become increasingly difficult to obtain replacement parts necessary to keep these three circuit breakers operational. Since about 60% of the City's power is delivered through Westside Substation, these circuit breakers must be replaced to maintain system performance and reliability.



External Funding Sources Available

None

Projected Timetable

The replacement of the Oil Circuit Breakers (OCB) 10RXA138, 10R1000 and 10R1600 is scheduled for FY11-12. Work budgeted for FY11 is being deferred to and now budgeted in FY12 due to availability of internal resources to complete project.

Impact on Operating Budget

No impact on operating budget. Will improve system reliability.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Subtotal	0	0	0	0	0	0
					Prior Year(s) Expenditures	215,354
					Total All Sources	215,354

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Benefits	5,380	0	190	0	0	0	0	0	0
Construction	165,326	150,000	0	0	0	0	0	0	0
Salaries	19,675	0	676	0	0	0	0	0	0
Services	18,668	0	5,439	0	0	0	0	0	0
Supplies	0	0	0	0	0	0	0	0	0
Subtotal	209,049	150,000	6,304	0	0	0	0	0	0
								Prior Year(s) Expenditures	215,354
								Total Project Cost	215,354

Project Number: EU73 **Project Title:** Washington St. and 75th St. Relocations Due to Road Widening

Department Name: Electric **CIP Status:** Appendix A **Category Code:** A **Sector:** Southeast

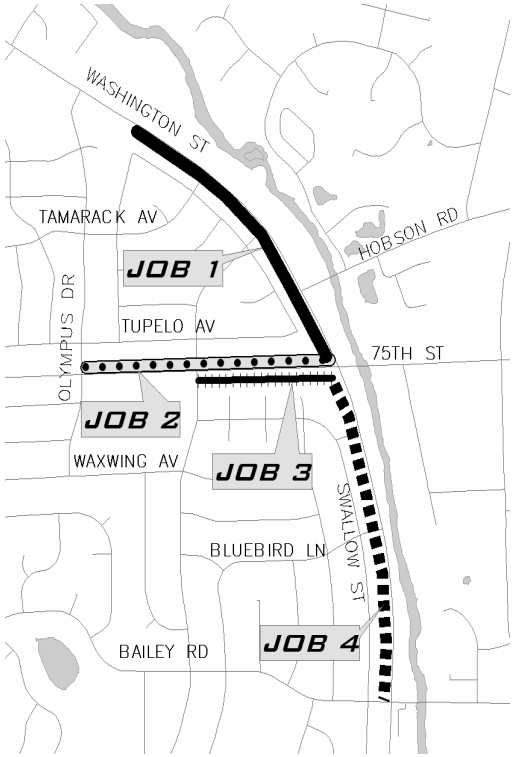
Criteria Utility Relocation **WF Number:** 59481, 59482, 59484, 59

Project Purpose:

Provide electrical utility clearance to the proposed new sound walls for the intersection road widening per City project number MB103, in conjunction with interchange improvements to Washington St. and 75th St. Work includes the relocation/installation of manholes, conduits, cables, switchgear, and transformers.

Project Narrative:

The purpose of this project is to provide electrical utility clearance to the proposed new sound walls per City project number MB103, in conjunction with interchange improvements to Washington St. and 75th St. Coordinate with SC141, and the Transportation and Engineering Development Department (TED). TED project also includes new bike path. There are a total of four (4) DPU-E sub-projects under this project. This work is also part of the Electric Department's EU12 Project to install cable and conduit in the new 75th St. bridge across the DuPage River.



External Funding Sources Available

None

Projected Timetable

In conjunction with the timetable for project MB103.

Impact on Operating Budget

There will be no impact on the operating budget.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Subtotal	0	0	0	0	0	0
					Prior Year(s) Expenditures	2,548,134
					Total All Sources	2,548,134

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Benefits	43,543	0	341	0	0	0	0	0	0
Construction	1,431,582	0	14,566	0	0	0	0	0	0
Engineering	127,027	0	44,743	0	0	0	0	0	0
Salaries	131,759	0	1,047	0	0	0	0	0	0
Services	194,914	0	2,331	0	0	0	0	0	0
Supplies	546,525	0	9,755	0	0	0	0	0	0
Subtotal	2,475,351	0	72,783	0	0	0	0	0	0
								Prior Year(s) Expenditures	2,548,134
								Total Project Cost	2,548,134

Project Number: EU74 **Project Title:** Huffman St. Flood Control with Improvements

Department Name: Electric **CIP Status:** Appendix A **Category Code:** B **Sector:** Northeast

Criteria Utility Relocation **WF Number:** 58972, 59751

Project Purpose:

This project supports the City of Naperville's "Strategic Plan" to coordinate and encourage cooperation between City departments, other utilities, and the County. This project includes design costs and construction of underground 12 kV and 34 kV circuits with duct banks and cable.

Project Narrative:

Provide for the relocation of overhead and underground electrical facilities in the public way. This work is required to reduce the impact on the electrical service for the residents that live in the area. The electric facilities are to be relocated to remove conflicts and to facilitate and accommodate improvements. This work is a special-use project and will be active for more than one (1) year. This site is included in the FY08-09 and FY09-10 budget. The timeliness of this project is essential to allow the completion of the Huffman Street flood control improvements. The relocated electrical duct bank will allow maintenance of a two-way feed to Chicago Ave., Washington St., and Edward Hospital substations during the construction of the flood control improvements.

External Funding Sources Available

Transportation, Engineering, & Development

Projected Timetable

FY08-09: engineering and start of construction. FY09-10: completion of construction.

Impact on Operating Budget

There will be no impact on the operating budget.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Subtotal	0	0	0	0	0	0
					Prior Year(s) Expenditures	2,393,957
					Total All Sources	2,393,957

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Benefits	41,913	0	0	0	0	0	0	0	0
Construction	1,228,737	0	0	0	0	0	0	0	0
Salaries	134,475	0	0	0	0	0	0	0	0
Services	234,927	0	0	0	0	0	0	0	0
Supplies	753,905	0	0	0	0	0	0	0	0
Subtotal	2,393,957	0	0	0	0	0	0	0	0
								Prior Year(s) Expenditures	2,393,957
								Total Project Cost	2,393,957

Project Number: EU76 **Project Title:** Rt. 59: Relocate 138kV Line from Westside Sub. to Aurora Avenue.

Department Name: Electric **CIP Status:** Appendix A **Category Code:** B **Sector:** Northwest

Criteria Utility Relocation **WF Number:** TBD

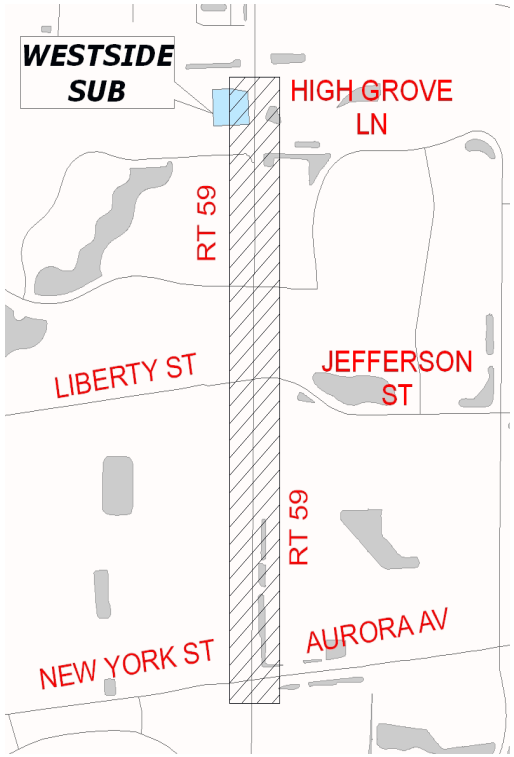
Project Purpose:

This project supports the City of Naperville's "Strategic Plan" to coordinate and encourage cooperation between City departments, other utilities, and the State of Illinois. This project includes design and construction costs of the relocation of the DPU-E transmission line between Westside Substation and Aurora Ave.

Project Narrative:

This project entails the relocation of the 138kV transmission line L1600 between Westside Substation and Aurora Ave. due to the widening of State Rt. 59 by I.D.O.T. This project is unfunded with respect to the Electric Utility Fund.

Project accelerated. State Funding has been approved for roadway portion of project with construction to begin in Fall 2012. Electric facilities must be relocated prior to roadway construction.



External Funding Sources Available

Illinois Department of Transportation(I.D.O.T.) for TED portion of roadway project.

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 the operating budget.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Subtotal	0	0	0	0	0	0
					Prior Year(s) Expenditures	220,000
					Total All Sources	220,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	0	5,000,000	220,000	0	0	0	0	0	0
Subtotal	0	5,000,000	220,000	0	0	0	0	0	0
								Prior Year(s) Expenditures	220,000
								Total Project Cost	220,000

Project Number: EQ027 **Project Title:** Cardiac Monitor Replacement

Department Name: Fire **CIP Status:** Appendix A **Category Code:** A **Sector:** Various

Project Purpose: **Criteria** **WF Number:** (none)

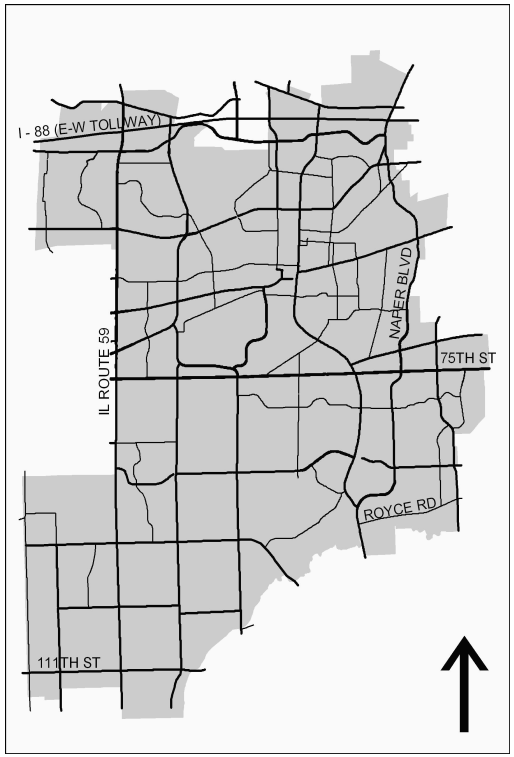
To complete the planned and timely replacement of the Department's cardiac monitor/defibrillator equipment

Strategic Objectives Link

Project Narrative:

In order to maintain quality emergency cardiac care, the department seeks to purchase 24 new monitors to replace the current cardiac defibrillators/monitors, which have been in service since 2000. The Fire Department had planned to replace this equipment in FY08, but delayed the project to minimize the impact on the operating budget. However, because the cost of the annual service contract has increased and the manufacturer's warranty has expired, the Department will see higher maintenance and repair costs. Additionally, if this project were not approved, the Department would risk an unplanned, unbudgeted emergency replacement if the monitors begin to fail. This lifesaving piece of equipment is utilized on all front line emergency vehicles and used for 2/3 of all emergency medical calls (8,000); therefore, it is critical that the Department ensures each ambulance is equipped with a reliable monitor.

External Funding Sources Available



Projected Timetable

The replacement monitors will be bid in May 2010 with the delivery of equipment by April 2011.

Impact on Operating Budget

The Department's operating budget currently includes an annual service contract. This expense will continue to be in the operating budget, as the new monitors will need regular preventive maintenance.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Subtotal	0	0	0	0	0	0
					Prior Year(s) Expenditures	508,996
					Total All Sources	508,996

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Equip. & Maint.	0	0	0	0	0	0	0	0	0
Equipment& Furnishings	508,996	0	0	0	0	0	0	0	0
Subtotal	508,996	0	0	0	0	0	0	0	0
								Prior Year(s) Expenditures	508,996
								Total Project Cost	508,996

Project Number: MB060 **Project Title:** Fire Station #10

Department Name: Fire **CIP Status:** Appendix A **Category Code:** LR **Sector:** Southwest

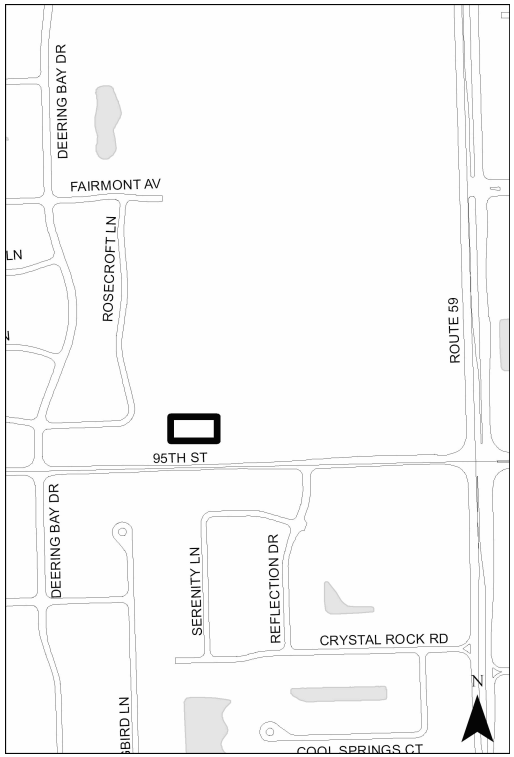
Criteria Strategic Objectives Link **WF Number:** (none)

Project Purpose:

To approach the City's goal of responding to 90% of all emergency services within six minutes and to respond to growth and development in the proposed Station 10 district

Project Narrative:

Fire Department staff foresees a need for a tenth station to meet the growing needs of the City's southwest sector. Residential & commercial properties in the southwest area are expected to generate an increase in call volume such that existing resources will be stretched beyond their capacity to provide efficient & equitable services. Department statistics show that properties within the proposed Station 10 district are currently not being served within the city's goal of 6 minutes. The project includes the purchase of a quint ladder truck that provides engine, advance-life support & ladder truck capability.



External Funding Sources Available

Staff will apply for a $140,000 grant for LEED Silver amenities.

Projected Timetable

Architecture and engineering will be completed in FY08-09, construction will begin in FY08-09 and finish in FY09-10 and the station will be operational in the second half of FY09-10.

Impact on Operating Budget

Emergency vehicle maintenance, operation & replacement costs for the Quint Ladder Truck will equal approx.$75,600/yr. Personnel costs will be approx. $970,000 in FY11. Fire Dept. will analyze call vol. data to determine if there is a need for add'l staffing.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	1,045,600	970,000	0	0	0	2,015,600
Subtotal	1,045,600	970,000	0	0	0	2,015,600
					Prior Year(s) Impact	0
					Total Project Impact	2,015,600

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Subtotal	0	0	0	0	0	0
					Prior Year(s) Expenditures	3,443,344
					Total All Sources	3,443,344

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	2,389,067	0	0	0	0	0	0	0	0
Engineering	221,537	0	0	0	0	0	0	0	0
Equip. & Furnishing	0	0	0	0	0	0	0	0	0
Equipment& Furnishings	831,431	0	1,309	0	0	0	0	0	0
Subtotal	3,442,035	0	1,309	0	0	0	0	0	0
								Prior Year(s) Expenditures	3,443,344
								Total Project Cost	3,443,344

Project Number: MB158 **Project Title:** Training Tower Repair and Refurbishment

Department Name: Fire **CIP Status:** Appendix A **Category Code:** B **Sector:** Northwest

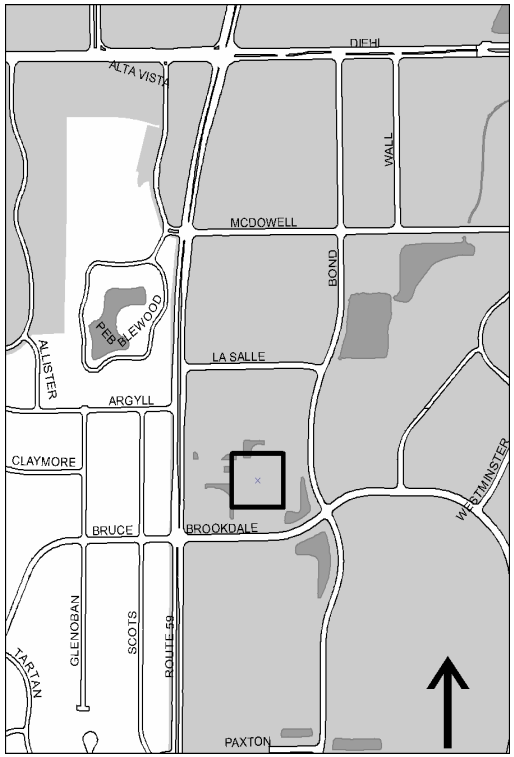
Project Purpose:

To refurbish and make repairs to the Fire Department's training structure

Criteria Strategic Objectives Link **WF Number:**

Project Narrative:

The Fire Department's training facility is in need of structural repair and refurbishment to continue its use as a facility for live fire training. Portions of the interior of the tower have deteriorated due to normal wear and tear to the point that they can no longer be safely used by Fire Department personnel. In previous years, the Fire Department had submitted a project that would upgrade the training facility at the same time as the refurbishment; however, due to budget constraints, the Fire Department recommends only making necessary and preventative repairs at this time to maintain employee safety within in the structure. Without these repairs the Fire Department can no longer continue live fire training with on-duty personnel.



External Funding Sources Available

None

Projected Timetable

This repairs and refurbishment will be completed by mid-FY10.

Impact on Operating Budget

The Training Tower requires approximately $1,000 in annual maintenance.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	1,000	1,000	0	0	0	2,000
Subtotal	1,000	1,000	0	0	0	2,000
					Prior Year(s) Impact	0
					Total Project Impact	2,000

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Subtotal	0	0	0	0	0	0
					Prior Year(s) Expenditures	1,750
					Total All Sources	1,750

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Engineering	1,750	0	0	0	0	0	0	0	0
Equip. & Maint.	0	0	0	0	0	0	0	0	0
Subtotal	1,750	0	0	0	0	0	0	0	0
								Prior Year(s) Expenditures	1,750
								Total Project Cost	1,750

Project Number: LR036 **Project Title:** Citywide Communications System Upgrade

Department Name: Information Technology **CIP Status:** Appendix A **Category Code:** A **Sector:** Various

Criteria High Priority **WF Number:** (none)

Project Purpose:

This is the project involving the replacement of the City's 20 year old public safety radio system that was approved by Council on 10/21/08; award of Request for Proposal 08-015. The system will be paid by a bond issue in early 2009. The project will be completed by 4/30/2010.

Project Narrative:

The City Council awarded the contract to Tyco Electronics on 10/21/08. Several local agencies, including the city of Aurora make up the Northeast Illinois Communication Consortium. The Council elected to pay for the system as installation progresses via bond funds for this project in January, 2009. The cost for the new system is $10,098,414. The system has been installed and coverage testing is scheduled for September of 2009. Final system acceptance testing is scheduled for October of 2009. Staff expects to complete the migration to the new system by the end of January, 2010. It will take 3-4 months to close out the project after the migration is completed. The project is expected to come in under budget, including expenditures that were absorbed in the contingency of the project, including the fiber connection between Naperville and Aurora and the emergency replacement of the Fire Station Alerting

External Funding Sources Available

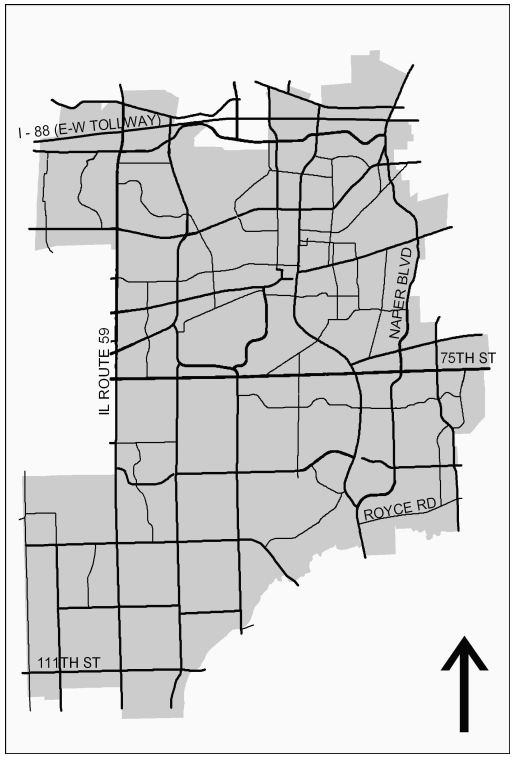
State of Illinois grant through the NICC & settlement with Sprint/Nextel

Projected Timetable

The award of contract was completed in December 2008. Equipment installation is expected to be completed by the fall of 2009. System testing and acceptance is expected to be completed by November, 2009. Conversion to the new system is expected to be

Impact on Operating Budget

The first three years of annual system maintenance is included in the purchase. Starting in 2013, the estimated annual maintenance will be $376,000 and will increase no more than 4% per fiscal year until 2020.



Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	(150,000)	376,000	0	0	0	226,000
Subtotal	(150,000)	376,000	0	0	0	226,000
					Prior Year(s) Impact	0
					Total Project Impact	226,000

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Subtotal	0	0	0	0	0	0
					Prior Year(s) Expenditures	9,602,504
					Total All Sources	9,602,504

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Consultant	0	0	0	0	0	0	0	0	0
Equip. & Furnishing	0	0	0	0	0	0	0	0	0
Equipment& Furnishings	4,730,019	0	5,476	0	0	0	0	0	0
Services	4,833,814	0	29,676	0	0	0	0	0	0
Supplies	3,518	0	0	0	0	0	0	0	0
Subtotal	9,567,352	0	35,152	0	0	0	0	0	0
								Prior Year(s) Expenditures	9,602,504
								Total Project Cost	9,602,504

Project Number: LR075 **Project Title:** Wireless Infrastructure Enhancement

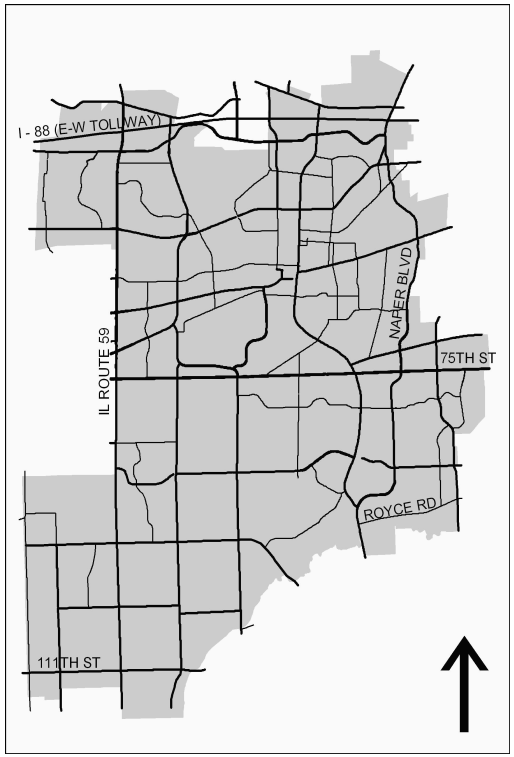
Department Name: Information Technology **CIP Status:** Appendix A **Category Code:** B **Sector:** Various

Project Purpose: **Criteria** High Priority **WF Number:** None

Reduce annual wireless communications costs by nearly $40,000 by implementing WiMax technology. The Network will allow City mobile workers to be more efficient in preforming their daily work via the use of laptop computers.

Project Narrative:

This project involves implementing new Wimax Technology for City workers. The new Wimax network will allow municipal employees to perform their work with the use of laptop computers in a real time environment. Firefighters, police officers, building, electrical inspectors and utility workers will be able to use the system. The new system is expected to cost significantly less than the services provided by cable companies and Verizon Wireless. The system will be capable of transmitting wireless video camera signals to various City monitoring locations. The costs for this project are related to establishing a local WiMax receiving station.



External Funding Sources Available

None

Projected Timetable

Complete Request for Proposal process by 8/31/2008. System installation to be completed by 4/30/2009.

Impact on Operating Budget

Starting in FY09-10, staff anticipates reducing wireless data services by approximately $40,000 annually.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Impact Detail	(40,000)	(40,000)	0	0	0	(80,000)
Subtotal	(40,000)	(40,000)	0	0	0	(80,000)
					Prior Year(s) Impact	0
					Total Project Impact	(80,000)

Funding Source Summary

Funding Source	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Subtotal	0	0	0	0	0	0
					Prior Year(s) Expenditures	85,000
					Total All Sources	85,000

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Equip. & Furnishing	0	0	0	0	0	0	0	0	0
Equipment& Furnishings	42,500	0	0	0	0	0	0	0	0
Services	42,500	0	0	0	0	0	0	0	0
Subtotal	85,000	0	0	0	0	0	0	0	0
								Prior Year(s) Expenditures	85,000
								Total Project Cost	85,000

Project Number: NS019 **Project Title:** Settlement Roadways

Department Name: Naper Settlement **CIP Status:** Appendix A **Category Code:** A **Sector:** Northwest

Project Purpose:

Reconstruction of roadways throughout Naper Settlement to make the site accessible to visitors and emergency vehicles, utilizing environmentally friendly materials to improve stormwater management, minimize wear and tear on historic floors, add to interpretation, and create a more aesthetic setting.

Criteria **WF Number:** (none)

Safety and Americans with Disabilities Act , Customer Satisfaction, Preservation, Educational, Environmental Sustainability

Project Narrative:

During FY12 Naper Settlement completed reconstruction of the site's interior roadways. The project began in FY08 with a professional evaluation of the roadways at Council's request. The recommendation utilizing Best Management Practices included a porous concrete pavers system with substantial improvements to underlayment, water drainage and erosion control. The project was designed to improve the DuPage River watershed by incorporating infiltration zones, rain gardens and cisterns. The Heritage Society secured engineering support from Tellabs of $40,000 and Wight & Co. of $5,000 in FY10, reducing the City's cost in FY11 to $20,500. Construction support was obtained from the State of IL Capital Bill, $640,000; DuPage County, $173,900; IL EPA, $656,175; and Kane and DuPage Soil and Water Conservation District, $2,700. The City provided the remaining $300,000 of construction costs.

External Funding Sources Available

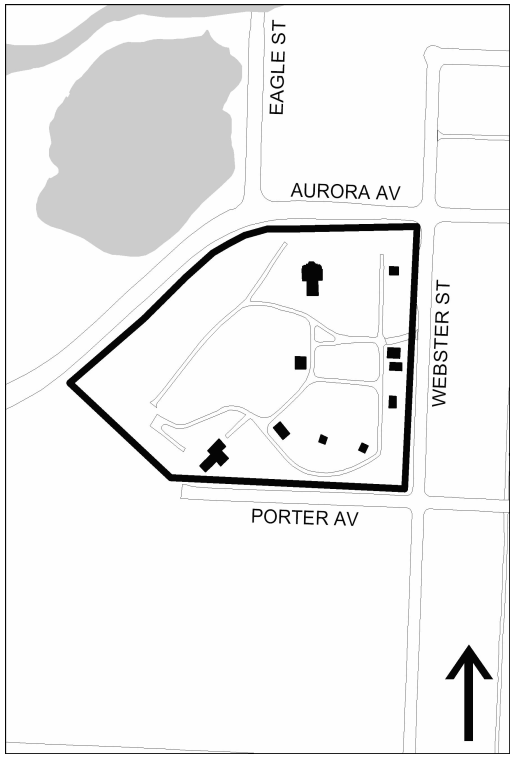
IL Capital Bill, DuPage Co., IL EPA, KDSWD, Tellabs, Wight & Co. administered by NHS.

Projected Timetable

FY11-12 - Roadway replacement.

Impact on Operating Budget

The current maintenance budget for surface sealing and crack filling will be used instead for upkeep of pavers and rain gardens. Minimal additional expenses are anticipated. Operating revenues were adversely impacted, as expected, during construction.



Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Subtotal	0	0	0	0	0	0
					Prior Year(s) Expenditures	1,211,551
					Total All Sources	1,211,551

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	61,551	2,255,065	1,450,000	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0
Subtotal	61,551	2,255,065	1,450,000	0	0	0	0	0	0
								Prior Year(s) Expenditures	1,511,551
								Total Project Cost	1,511,551

Project Number: PA026 **Project Title:** Jefferson Street Gateway Plaza

Department Name: Riverwalk **CIP Status:** Appendix A **Category Code:** C **Sector:** Northwest

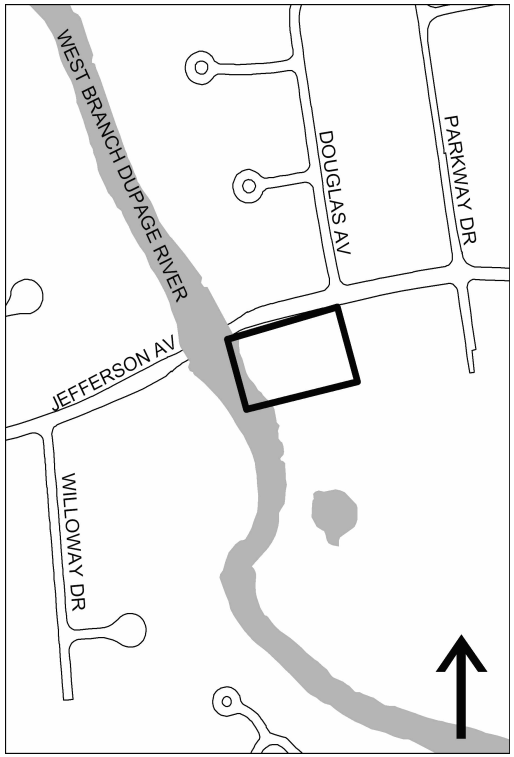
Project Purpose:

This project supports the implementation of the Naperville Riverwalk Development Guidelines.

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

Project Narrative:

Reconstruction of the Jefferson St. Bridge will move the new bridge approximately 17 feet south and significantly impact the existing sitting area and plaza. A new plaza will be developed to provide a northern gateway to the Riverwalk. NOTE: Time of construction moved to FY09-10.



External Funding Sources Available

None

Projected Timetable

Design was completed in FY05-06 with construction in FY09-10 in conjunction with the rehabilitation of the Jefferson Street bridge.

Impact on Operating Budget

Simply relocation of existing asset therefore will result in no impact.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Subtotal	0	0	0	0	0	0
					Prior Year(s) Expenditures	56,162
					Total All Sources	56,162

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Construction	41,795	0	527	0	0	0	0	0	0
Engineering	13,840	0	0	0	0	0	0	0	0
Subtotal	55,635	0	527	0	0	0	0	0	0
								Prior Year(s) Expenditures	56,162
								Total Project Cost	56,162

Project Number: WWU06C **Project Title:** Sanitary Sewer Rehabilitation/Replacements - Interceptors/Trunk Sewers

Department Name: Water/ Wastewater **CIP Status:** Appendix A **Category Code:** A **Sector:** Northwest

Project Purpose:

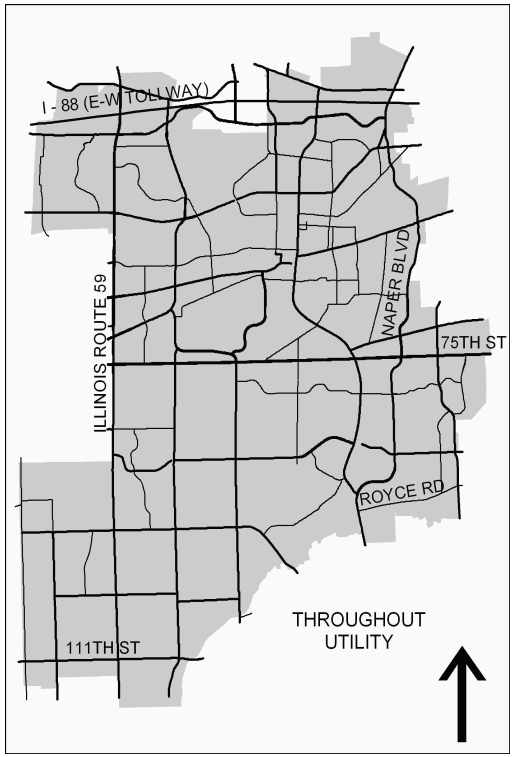
This project supports the delivery of municipal services that are reliable and responsive to the needs of the citizens by preserving essential utility infrastructure.

Criteria **WF Number:** TBD

Age-related Infrastructure Renewal

Project Narrative:

This project consists of ongoing investigation and rehabilitation of deteriorated sanitary trunk sewers using a trenchless technology process on a system-wide basis.



External Funding Sources Available

None

Projected Timetable

Work began on the T-04 Raymond/Ferry Trunk Sewer in FY 2010-11. This pipeline, which is more than 12,000 feet long, will take approximately five years to complete. Also in FY 2011-12, approximately 24 additional manholes will be rehabilitated on trunk sewers

Impact on Operating Budget

No significant impact on the operating budget is anticipated in the immediate future, although there will be reductions in sewage treatment expense due to the ongoing elimination of active groundwater leaks.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Subtotal	0	0	0	0	0	0
					Prior Year(s) Expenditures	5,343,517
					Total All Sources	5,343,517

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Benefits	37,744	0	9,338	0	0	0	0	0	0
City & Off-Site Costs	0	0	0	0	0	0	0	0	0
Construction	4,299,738	0	754,967	0	0	0	0	0	0
Engineering	6,705	0	0	0	0	0	0	0	0
Salaries	116,468	0	27,137	0	0	0	0	0	0
Services	88,576	0	628	0	0	0	0	0	0
Supplies	2,099	0	116	0	0	0	0	0	0
Subtotal	4,551,330	0	792,187	0	0	0	0	0	0
								Prior Year(s) Expenditures	5,343,517
								Total Project Cost	5,343,517

Project Number: WWU06K **Project Title:** Sanitary Sewer System Rehabilitation

Department Name: Water/ Wastewater **CIP Status:** Appendix A **Category Code:** A **Sector:** Various

Project Purpose:

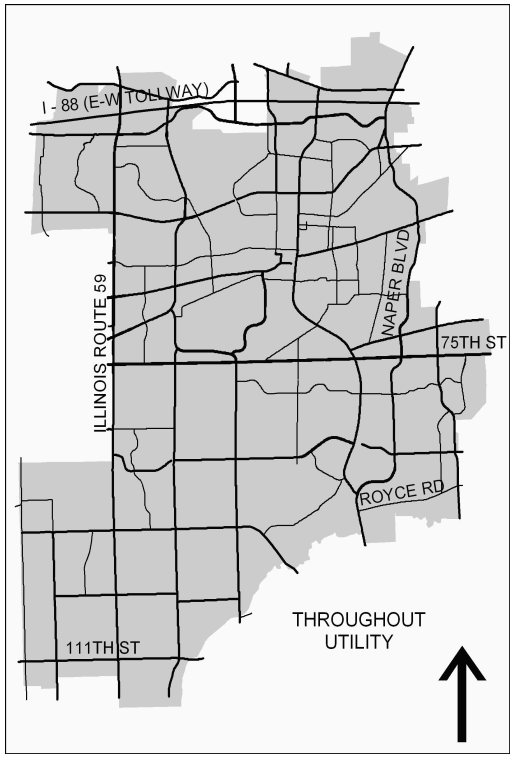
This project is for preservation of existing sewer system assets by rehabilitating sanitary sewer system infrastructure in targeted areas that are known to have high levels of groundwater infiltration.

Criteria Age-related Infrastructure Renewal

WF Number: Various - TBD

Project Narrative:

This project provides for trenchless rehabilitation of sanitary sewer mains and service laterals in areas that are known to have deteriorating sewer infrastructure and/or significant groundwater infiltration.



External Funding Sources Available

None

Projected Timetable

This project will rehabilitate approximately 13,000 linear feet of sanitary sewer mains and 150 sanitary sewer service laterals each year.

Impact on Operating Budget

Less maintenance is required in areas where rehabilitation has been completed, allowing DPU-W to avoid increases in overall system maintenance costs as the infrastructure continues to age.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Subtotal	0	0	0	0	0	0
					Prior Year(s) Expenditures	10,553,512
					Total All Sources	10,553,512

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Benefits	368,823	0	84,407	0	0	0	0	0	0
City & Off-Site Costs	0	0	0	0	0	0	0	0	0
Construction	7,257,765	0	966,837	0	0	0	0	0	0
Equipment& Furnishings	0	0	0	0	0	0	0	0	0
Salaries	695,134	0	84,199	0	0	0	0	0	0
Services	834,913	0	129,981	0	0	0	0	0	0
Supplies	96,667	0	34,785	0	0	0	0	0	0
Subtotal	9,253,302	0	1,300,211	0	0	0	0	0	0
								Prior Year(s) Expenditures	10,553,512
								Total Project Cost	10,553,512

Project Number: WWU19 **Project Title:** SWRC - Digester Aeration & Thickening Improvements

Department Name: Water/ Wastewater **CIP Status:** Appendix A **Category Code:** A **Sector:** Southeast

Project Purpose:

This project supports Naperville's commitment to provide essential services to the residents.

Criteria Age-related Infrastructure Renewal

WF Number: WF59164

Project Narrative:

This project provides the optimum processing of the sludge/biosolids produced at Springbrook Water Reclamation Center. The final improvements of sludge/biosolids produced in Springbrook wastewater treatment process are to be achieved in 2 phases. Upgrade for existing ClassB aerobic digestion system in Phase1 include mechanical thickening to increase solids concentrations in existing aerobic digesters & retrofitting digesters with effective & efficient diffused air system for dissolved oxygen transfer to the digestion process. Phase2, the heat drying process, includes a direct drum dryer along with associated solids separation & odor control equipment. The new heat drying equipment would be housed in the existing biosolids processing building. The room odors & process air odors would be treated with an odor control system. At this time PhaseII work is not programmed within the next 5 yrs.

External Funding Sources Available

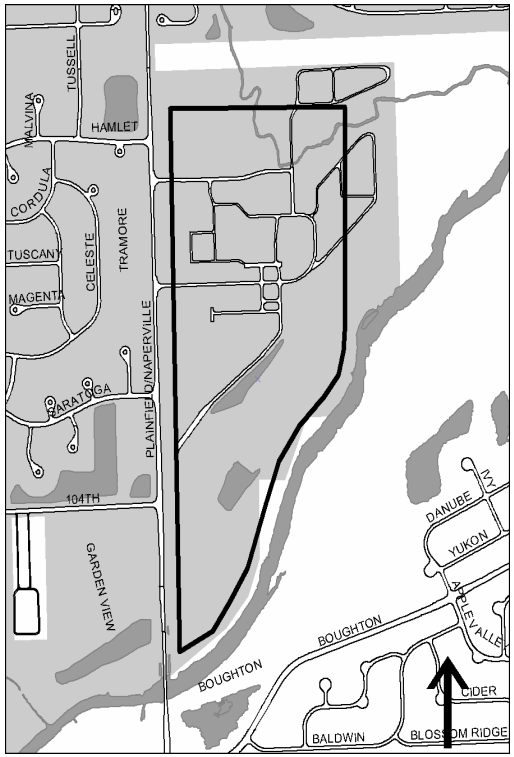
None

Projected Timetable

Construction started in FY08-09 with project completion scheduled in FY10-11.

Impact on Operating Budget

No additional personnel; Nominal Operating & Maintenance expenses anticipated.



Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Subtotal	0	0	0	0	0	0
					Prior Year(s) Expenditures	13,283,431
					Total All Sources	13,283,431

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Benefits	61,248	0	1,773	0	0	0	0	0	0
City & Off-Site Costs	0	0	0	0	0	0	0	0	0
Construction	12,066,990	0	40,806	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0
Salaries	197,148	0	6,574	0	0	0	0	0	0
Services	687,363	0	220,889	0	0	0	0	0	0
Supplies	639	0	0	0	0	0	0	0	0
Subtotal	13,013,389	0	270,042	0	0	0	0	0	0
								Prior Year(s) Expenditures	13,283,431
								Total Project Cost	13,283,431

Project Number: WWU32 **Project Title:** Wastewater Storage Facility Improvements

Department Name: Water/ Wastewater **CIP Status:** Appendix A **Category Code:** A **Sector:** Southeast

Criteria **WF Number:** TBD

Age-related Infrastructure Renewal

Project Purpose:

This project supports the delivery of municipal services that are reliable and responsive to the needs of the citizens through maintenance of the infrastructure.

Project Narrative:

This project will improve the capacity and functionality of the sanitary sewage storage lagoon at the South Sanitary Sewage Pump Station (1800 S. Washington) by clearing and grading the bottom of the storage lagoon. This work will provide improved drainage and cleanup of residual sewage while significantly reducing odor problems, and will improve the storage capacity of the lagoon during wet weather events.

External Funding Sources Available

None

Projected Timetable

The North Pump Station lagoon was completed in FY 2009-10. Work at the South Pump Station lagoon began in FY 2010-11, and will continue through FY 2012-13.

Impact on Operating Budget

This project will have a nominal effect on operating expenses.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Subtotal	0	0	0	0	0	0
					Prior Year(s) Expenditures	230,930
					Total All Sources	230,930

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Benefits	10,099	0	3,044	0	0	0	0	0	0
City & Off-Site Costs	0	100,000	0	0	0	0	0	0	0
Construction	134,282	100,000	5,925	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0
Salaries	28,619	0	8,192	0	0	0	0	0	0
Services	16,349	0	8,791	0	0	0	0	0	0
Supplies	2,621	0	13,008	0	0	0	0	0	0
Subtotal	191,970	200,000	38,960	0	0	0	0	0	0
								Prior Year(s) Expenditures	230,930
								Total Project Cost	230,930

Project Number: WWU37 **Project Title:** Springbrook Disinfection System Upgrades

Department Name: Water/ Wastewater **CIP Status:** Appendix A **Category Code:** A **Sector:** Southeast

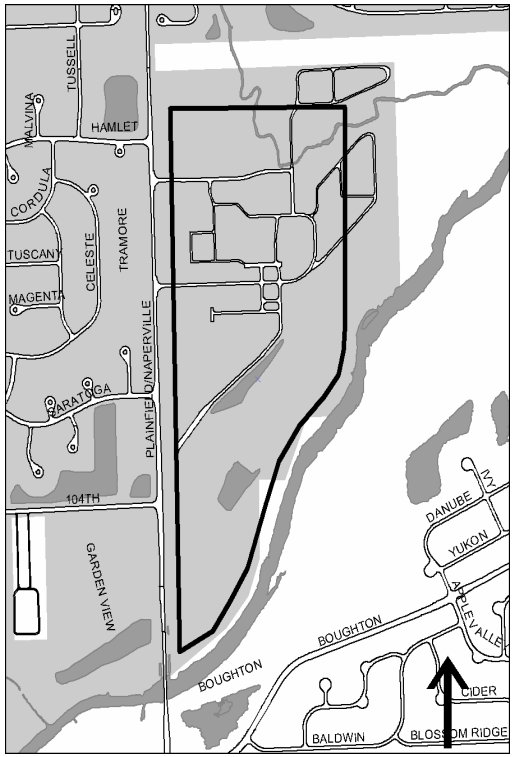
Project Purpose:

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 Age-related Infrastructure Renewal **WF Number:** TBD

Project Narrative:

This project proposes replacement of the existing Sodium Hypochlorite and Sodium Bisulfite chemical storage tanks at the Springbrook Water Reclamation Plant and associated chemical feed pumps and pump controls. The existing storage tanks are at the end of their useful life and the chemical feed pumps and controls are obsolete. Consequently, spare parts and equipment is difficult to obtain to maintain the system.



External Funding Sources Available

None

Projected Timetable

Engineering and Construction: FY11-12.

Impact on Operating Budget

No additional personnel; Nominal Operating & Maintenance expenses anticipated.

Project Budget Impact Summary

	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	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	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total Source
Subtotal	0	0	0	0	0	0
					Prior Year(s) Expenditures	419,782
					Total All Sources	419,782

Project Cost Summary

Expense Category	Prior Year(s) Expenditures	FY11-12 Budget	FY11-12 Year-to-Date	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	Total CIP
Benefits	0	0	7,085	0	0	0	0	0	0
City & Off-Site Costs	0	35,000	0	0	0	0	0	0	0
Construction	0	545,000	392,888	0	0	0	0	0	0
Engineering	0	5,000	0	0	0	0	0	0	0
Salaries	0	0	19,809	0	0	0	0	0	0
Subtotal	0	585,000	419,782	0	0	0	0	0	0
								Prior Year(s) Expenditures	419,782
								Total Project Cost	419,782

CITY OF NAPERVILLE
APPENDIX B
CAPITAL IMPROVEMENT PROGRAM BUDGET - FY 2018 through FY 2032

PROJECT #	PROJECT TITLE	ESTIMATED STARTING YEAR	PROJECT NARRATIVE
BR019	87th St. Bridge Over Springbrook Creek	2019	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 the removal of the existing two lane bridge. The bridge will be widened in order to accommodate a three lane cross-section from the 87th Street improvements.
BR024	95th Street Crossing the EJ&E Railroad	2021	This project will provide a grade separated crossing for 95th Street at the EJ&E 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.
EQ033	Automatic Vehicle Locator	2019	This project will purchase and install Automatic Vehicle Locators (AVLs) in Department of Public Works (DPW) vehicles and equipment. The project will install 65 units at a cost of $1,000 per unit and include a $10,000 cost for software purchase and implementation in the first year. Approximately 40 AVL units are currently installed in DPW vehicles and this installation of an additional 65 units will complete the DPW's fleet. AVLs are satellite controlled vehicle locators that display each unit's location on an interactive geographical mapping system. AVLs are currently in use by the City's Fire and Police Departments and have been beneficial to the dispatchers in directing calls for service to reduce response times. DPW sees the benefit of AVLs in monitoring working conditions and responding to customer calls for service during our operations of snow removal, brush pickup and leaf pickup.
EQ035	Downtown Sound System	2019	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.
MB084	Transit Facility - North Aurora Road at the BNSF & EJ&E Railroads	2025	This project consists of the design and development of the future STAR Line station site at the northwest corner of the intersection of the EJ & E and the Burlington Northern Rail lines.
MB155	Southwest Transit Facility	2025	This project involves the construction of a commuter train station for the Metra STARLine.
PA019	Rehabilitation of Phase I of the Riverwalk	2018	This project includes the evaluation and rehabilitation of the original Phase I section of the Riverwalk after 31 years of service. Improvements may include modifications to the layout to reduce maintenance costs and handle the heavy use of this section.
PA024	South Side of River East of Washington Street-Riverfront Plaza	2021	This project includes the construction of a lower walkway from the existing staircase at Washington Street southeast along the riverbank up to the landing on the south side of the Moser Pedestrian Bridge to allow pedestrian access from the low-flow walkway up to the remainder of the Riverwalk.
PA029	Physician's Shelter Access and Shoreline Improvements	2018	Starting at the Physician's Shelter on Eagle Street, a switchback walk will be installed, that follows guidelines for the Americans with Disability Act, to provide handicapped access to the water's edge for seating and fishing. Shoreline improvements will also be made at this location.

CITY OF NAPERVILLE
APPENDIX B
CAPITAL IMPROVEMENT PROGRAM BUDGET - FY 2018 through FY 2032

PROJECT #	PROJECT TITLE	ESTIMATED STARTING YEAR	PROJECT NARRATIVE
PA034	West Parking Lot BMP Improvement	2018	This project improves the conveyance of stormwater from the adjacent VFW parking lot to the river while utilizing best management practices.
PA038	Riverwalk Enhancement Adjacent to Centennial Beach	2019	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.
PA039	Asphalt Fire Lane Replacement near Carillon		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.
SC002	87th Street: Plainfield/Naperville Rd. to Book Rd.	2020	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, DuPage County, and the City.
SC003	87th St.-Modaff Rd. to Plainfield/Naperville Rd.	2020	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, DuPage County, and the City.
SC013	Bauer Road: Mill Street to Washington Street	2021	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.
SC077	Book Road: 111th St. to 117th St.	2020	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.
SC162	Rt. 34 and North Aurora Rd./ Raymond Dr.	2018	This project will add a through lane to the north, west and south approaches, and an additional right and left turn lane to the west leg, and a right turn lane to the north leg. NOTE: IDOT constructed safety improvements at the intersection in 2011 as an interim improvement to the full intersection improvement. This CIP project involves constructing the full improvement identified in the Roadway Improvement Plan.
SC164	Route 34 and Aurora Avenue	2018	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 extend of the improvement, aid in securing outside funding, and gain Illinois Department of Transportation support. The feasibility study includes three improvement strategies.
SC189	103rd Street: IL Route 59 to 248th Ave.	2020	This project involves upgrading 103rd Street to minor arterial road standards. This includes new pavement and base, curb and gutter, street lighting, sidewalk and storm sewer.
SC202	87th Street and Plainfield-Naperville Road	2022	This project will involve adding a right turn lane to the north approach of the intersection.
SC216	East Highland Area Improvements	2019	In FY09-10, the reconstruction of Woodlawn Avenue and upgrade of the roadway to city standards was completed. Julian St, Hillside Rd, and Parkside Rd were resurfaced with the final upgrade of these streets with curb, storm drainage improvements, street lighting, and sidewalks to be deferred for 8 to 10 years.

CITY OF NAPERVILLE
APPENDIX B
CAPITAL IMPROVEMENT PROGRAM BUDGET - FY 2018 through FY 2032

PROJECT #	PROJECT TITLE	ESTIMATED STARTING YEAR	PROJECT NARRATIVE
SC231	Washington Street and Naper Boulevard	2019	This project will provide a right turn lane on the north approach. The project is included in the Road Improvement Program as project I23.
SC232	Washington Street and Royce Road	2019	This project will provide a right turn lane on the north approach. The project is included in the Road Improvement Program as project I24.
SC242	87th and Book	2018	This project involves widening the north approach of the intersection of Book Road and 87th Street to provide an exclusive right turn lane.
SL129	Central Business District Street Light Upgrades	2019	This project is to upgrade the existing street lighting in the Central Business District. Work will bring area in conformance with downtown streetscape plan by adding new roadway, pedestrian, and holiday lighting circuits. The work is scheduled for FY18-19
SL137	Citywide LED Lighting Conversion	2018	This project seeks to replace a total of 11,024 street lights throughout the City. The project would replace the current high pressure sodium (HPS) light fixtures with 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 13-15 years. The conversion will reduce energy usage, relamping fees, and maintenance costs. The project is being staged over 8 years to allow for the installation of the new fixtures and to phase the large capital cost. The project is being scheduled in FY18-19, in anticipation of advances in the related technology that will allow for lighting retrofits and a reduction in price per replacement light. Staff is seeking grants for the upgrade or to work with other communities to create cost savings.
TC022	Bailey Rd. and Wehrli Rd.	2018	This project will provide the installation of a new traffic signal at the intersection of Wehrli Road and Bailey Road. The intersection is currently controlled by all-way stop signs.
TC156	Neighborhood Traffic Control Program/ Traffic Calming	2018	This project involves installing traffic calming measures on local streets in city neighborhoods. City staff will work with one to two neighborhoods each year to evaluate the traffic conditions and implement applicable traffic calming solutions, which include but are not limited to signage, striping, medians, and curb bulb-outs.
TC213	Book and Leverenz	2021	This project involves the installation of a traffic signal at the intersection of Book Road and Leverenz Road.

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)

Impact Fees (Fair Share Assessment Fund)

The City was one of the first nationally to implement an impact fee for roads. The City's policy is to "make growth pay its way." Transportation impact fees are collected from every new development (including residential) in the City to partially fund the cost of constructing new arterial and collector roadways, and traffic signals.

Because there is a timing difference between the construction of the improvements and the collection of the impact fees, some impact fee eligible projects are funded initially by bond issues.

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 Improvements Program Funding Sources (continued)

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.