



Village of Buffalo Grove  
Capital Improvement Plan  
Fiscal Year 2012 through Fiscal Year 2016

# Capital Improvement Summary

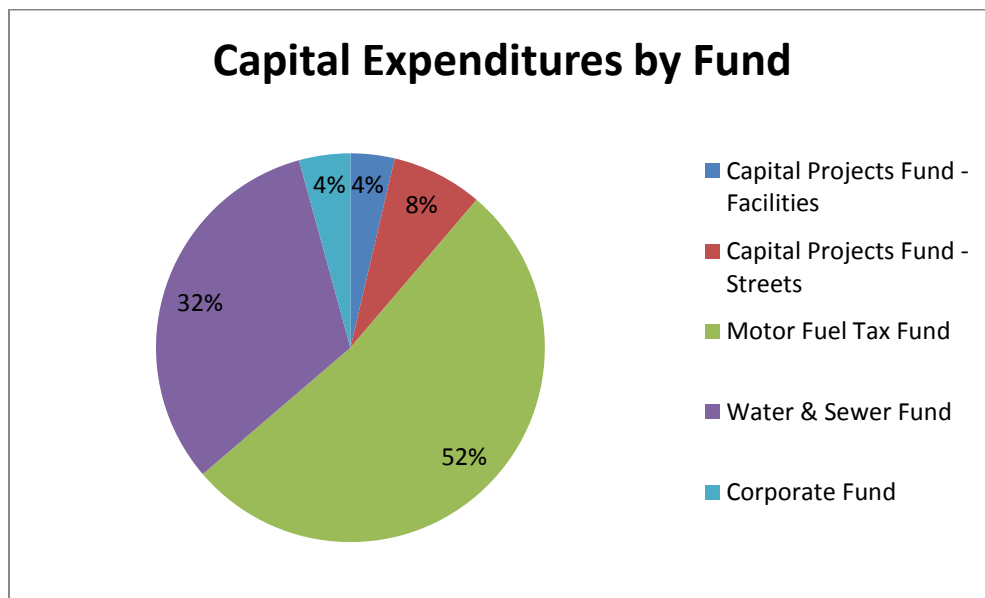
The Capital Improvement Plan is intended to be a decision-making tool for staff and the Village Board. The operational need for capital expenditures must be weighed against the ability of the Village to finance these projects. Capital improvement projects represent the equipment and infrastructure resources that all municipalities need to provide resident and business services.

The Village Board's approval of the CIP does not authorize spending on the included projects. Each project must still be accepted for the current year's budget. Projects must then go through the standard purchasing procedure including Board authorization to bid and Board award of bid. This insures that the project remains consistent with the budget and that identified funding is available at the time of award.

Staff has reviewed each project and evaluated the project using the CIP Evaluation Form (see attachment). The evaluation form measures, numerically, the merits of a project based on specific criteria. The sum of the individual scores is then used to establish a priority rating. The highest possible score is 26. There are thirteen criteria used to review projects. Each project is revisited yearly and changes in priority are made as current conditions warrant. In addition, the process includes a mid-year status evaluation of each approved budgeted project in order to gauge construction progress and initiate the cycle for the next five-year program update.

Projects are also categorized as customer/non-customer facing, obligated, and deferred. Customer facing projects offer a direct, or tangible, benefit to residents/visitors in the community. Non-customer facing projects support internal operations and typically either address maintenance deficiencies or improvement in departmental efficiencies. Obligated projects are those whereby the Village is obligated to proceed with the projects based upon contractual commitment or where a debt issuance was the funding instrument. The majority of all projects are customer-facing (90% in FY 2012).

Projects identified for FY 2012 total \$7,620,521 allocated over five funds. The following chart illustrates each fund's percentage as it relates to funding the capital program for FY 2012.



Capital Projects by Fund

	Score	Type	Budget FY 2011	Est. Actual FY 2011	Budget FY 2012	Budget FY 2013	Budget FY 2014	Budget FY 2015	Budget FY 2016	Total
<b>Capital Projects Fund - Facilities</b>										
Municipal Parking Facility Maintenance	16	N	\$ 48,000	\$ 50,000	\$ 65,000	\$ 358,500	\$ 101,000	\$ 33,000	\$ 53,600	\$ 611,100
Village Facilities Window Replacement	10	N	\$ 15,000	\$ 15,000	\$ 162,000	\$ -	\$ -	\$ -	\$ -	\$ 162,000
Carpet Replacement (Police/Fire/OVM)	10	N	\$ -	\$ -	\$ 52,000	\$ -	\$ -	\$ -	\$ -	\$ 52,000
Subtotal			\$ 63,000	\$ 65,000	\$ 279,000	\$ 358,500	\$ 101,000	\$ 33,000	\$ 53,600	\$ 825,100
<b>Capital Projects Fund - Streets</b>										
Weiland Road/Prairie Road Street Improvement	25	O	\$ 335,633	\$ 90,000	\$ 234,054	\$ -	\$ -	\$ -	\$ -	\$ 234,054
Dundee Road Streetscape Improvement	19	C	\$ 143,743	\$ 5,000	\$ 101,013	\$ -	\$ -	\$ -	\$ -	\$ 101,013
Illinois Route 22 Street Improvement		C	\$ 210,454	\$ -	\$ 210,454	\$ -	\$ -	\$ -	\$ -	\$ 210,454
Raupp Boulevard Bridge Reconstruction	19	C	\$ 23,000	\$ 15,000	\$ 32,000	\$ 132,000	\$ -	\$ -	\$ -	\$ 164,000
ComEd ROW Bikeway	13	C	\$ -	\$ -	\$ -	\$ 230,000	\$ -	\$ -	\$ -	\$ 230,000
Subtotal			\$ 712,830	\$ 110,000	\$ 577,521	\$ 362,000	\$ -	\$ -	\$ -	\$ 939,521
<b>Facilities Debt Service Fund</b>										
Public Service Center Expansion	21	D	\$ -	\$ -	\$ -	\$ 2,000,000	\$ 2,227,275	\$ -	\$ -	\$ 4,227,275
Subtotal			\$ -	\$ -	\$ -	\$ 2,000,000	\$ 2,227,275	\$ -	\$ -	\$ 4,227,275
<b>Motor Fuel Tax Fund</b>										
Annual Street Maintenance	19	C	\$ 1,750,000	\$ 1,366,200	\$ 4,000,000	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000	\$ 24,000,000
Subtotal			\$ 1,750,000	\$ 1,366,200	\$ 4,000,000	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000	\$ 24,000,000
<b>Water &amp; Sewer Fund</b>										
Villagewide Sanitary Sewer Replacement	14	C	\$ -	\$ -	\$ 650,000	\$ -	\$ 700,000	\$ -	\$ 700,000	\$ 2,050,000
Villagewide Water Main Replacement	14	C	\$ -	\$ -	\$ 160,000	\$ -	\$ 700,000	\$ -	\$ 700,000	\$ 1,560,000
Lift Station Repair and Rehabilitation	21	C	\$ 300,000	\$ 290,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 1,500,000
Pump House Repairs and Security Improvements	19	C	\$ 600,000	\$ 40,000	\$ 600,000	\$ -	\$ -	\$ -	\$ -	\$ 600,000
Well at Pump House #7	20	C	\$ 1,470,000	\$ 1,200,000	\$ 454,000	\$ -	\$ -	\$ -	\$ -	\$ 454,000
Arlington Hts Road Water Main Reinforcement	24	C	\$ 980,000	\$ 280,000	\$ 275,000	\$ -	\$ -	\$ -	\$ -	\$ 275,000
Subtotal			\$ 3,350,000	\$ 1,810,000	\$ 2,439,000	\$ 300,000	\$ 1,700,000	\$ 300,000	\$ 1,700,000	\$ 6,439,000
<b>Corporate Fund</b>										
Sidewalk/Bike Path Maintenance	20	C	\$ 150,000	\$ 149,000	\$ 325,000	\$ 325,000	\$ 325,000	\$ 325,000	\$ 325,000	\$ 1,625,000
Subtotal			\$ 150,000	\$ 149,000	\$ 325,000	\$ 325,000	\$ 325,000	\$ 325,000	\$ 325,000	\$ 1,625,000
<b>Grand Total</b>			<b>\$ 6,025,830</b>	<b>\$ 3,500,200</b>	<b>\$ 7,620,521</b>	<b>\$ 8,345,500</b>	<b>\$ 9,353,275</b>	<b>\$ 5,658,000</b>	<b>\$ 7,078,600</b>	<b>\$ 38,055,896</b>

C - Customer Facing  
N - Non-Customer Facing

D - Deferred  
O - Obligated

# Overview of Building & Grounds Improvements

The Village is responsible for maintaining 23 structures within its corporate boundaries. Village buildings and grounds must be maintained regularly to remain functional. Village facilities must also periodically be upgraded to ensure efficient operations. Expenditures in this category historically include projects that:

- Maintain the safety and appearance of Village owned property
- Maximize the life of facilities
- Maintain value of facilities through preventative maintenance before they become more expensive to repair.
- Insure that any issues affecting health and safety of building occupants are promptly addressed.

The Village's facilities include:

- Village Hall
- Public Service Center & Salt Dome
- Police Department
- Fire Station Admin, Stations 25, 26, & 27, Fire Training Facility and Classroom Trailer
- Pump Stations 1, 2, 6, & 7
- BGGC & Arboretum Clubhouses, Halfway Houses, and Maintenance Buildings
- Train Station and Warming Shelters
- Youth Center

# Municipal Parking Facility Maintenance



**Category:** Buildings & Grounds Improvements

**Fund:** Capital Projects - Facilities

**Account Number:** 511-4657

**Priority Score:** 16

**Project Type:** Non-Customer Facing

**Initial Proposal Date:** Ongoing

**Project Coordinator:** Public Works/Engineering

**Summary:** This program provides for the routine sealing, restriping, and reconstruction of municipal lots. The 2012 planned maintenance includes lots at the Buffalo Grove Golf Course Maintenance Building, Village Hall, Fire Station #26, and the Metra Station.

**Budget Impact:** This project is funded through an internal transfer from the General Fund's operating revenues.

5 Year Expenditure History						
Budgeted Amount	FY 2007 (8 month yr)	FY 2008	FY 2009	FY 2010	Estimated FY 2011	TOTAL
	\$ 101,950	\$ 42,750	\$ 43,000	\$ 359,000	\$ 48,000	\$ 594,700
<b>Actual Expenditures</b>	\$ 101,936	\$ 35,317	\$ 47,327	\$ 54,700	\$ 50,000	\$ 289,280

5 Year Projected Expenditures						
Expense Category	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	TOTAL
Land						\$ -
Engineering						\$ -
Construction	\$ 65,000	\$ 358,500	\$ 101,000	\$ 33,000	\$ 53,600	\$ 611,100
Equipment						\$ -
Contingency						\$ -
<b>Sub-Total</b>	<b>\$ 65,000</b>	<b>\$ 358,500</b>	<b>\$ 101,000</b>	<b>\$ 33,000</b>	<b>\$ 53,600</b>	<b>\$ 611,100</b>

# Village Facilities Window Replacement



**Category:** Buildings & Grounds Improvements

**Fund:** Capital Projects - Facilities

**Account Number:** 511-4611

**Priority Score:** 10

**Project Type:** Non-Customer Facing

**Initial Proposal Date:** 2011

**Project Coordinator:** Public Works

**Summary:** This line item is for fixing and replacing windows at the Police Department. In FY 2011, an engineering firm completed an exploratory inspection of the windows at the Police Headquarters and developed this cost estimate to solve various problems with the windows.

**Budget Impact:** This project is funded through an internal transfer from the General Fund's operating revenues.

5 Year Expenditure History						
	FY 2007	FY 2008	FY 2009	FY 2010	Estimated FY 2011	TOTAL
<b>Budgeted Amount</b>	\$ -	\$ -	\$ -	\$ -	\$ 15,000	\$ 15,000
<b>Actual Expenditures</b>	\$ -	\$ -	\$ -	\$ -	\$ 15,000	\$ 15,000

5 Year Projected Expenditures						
Expense Category	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	TOTAL
Land						\$ -
Engineering						\$ -
Construction	\$ 162,000	\$ -	\$ -	\$ -	\$ -	\$ 162,000
Equipment						\$ -
Contingency						\$ -
<b>Sub-Total</b>	<b>\$ 162,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 162,000</b>

# Carpet Replacement



**Category:** Buildings & Grounds Improvements

**Fund:** Capital Projects - Facilities

**Account Number:** 511-4698

**Priority Score:** 10

**Project Type:** Non-Customer Facing

**Initial Proposal Date:** 2012

**Project Coordinator:** Public Works

**Summary:** This program provides for replacement of floor coverings at the Police Department (Patrol Offices), Fire Administration Building (hallway) and spaces to be remodeled at Village Hall. The Fire Department carpet was previously requested and deferred in 2010 and 2011. This project only addresses the most severe carpet issues in high traffic areas and fixes 13% of the needed carpet repairs in the Village.

**Budget Impact:** This project is funded through an internal transfer from the General Fund's operating revenues.

5 Year Expenditure History						
Budgeted Amount	FY 2007 (8 month yr)	FY 2008	FY 2009	FY 2010	Estimated FY 2011	TOTAL
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Actual Expenditures</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

5 Year Projected Expenditures						
Expense Category	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	TOTAL
Land						\$ -
Engineering						\$ -
Construction	\$ 52,000	\$ -	\$ -	\$ -	\$ -	\$ 52,000
Equipment						\$ -
Contingency						\$ -
<b>Sub-Total</b>	<b>\$ 52,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 52,000</b>

# Overview of Street, Sidewalk & Bike Path Maintenance

The Village roadway network is comprised of state, county, and municipal roadways. Each roadway carries with it a function such as arterial, collector or local streets. The break-down is as follows:

Municipal Roadways	117.70 miles
State Roadways	8.95 miles
Cook County Roadways	7.25 miles
Lake County Roadways	10.82 miles
<b>Total</b>	<b>144.72 miles</b>

Municipal Roadways are evaluated every five years and recommendations for the next five years of street projects are developed. The projects involve traditional maintenance and rehabilitation of local streets based upon a defined service life. The defined service life is designed to maintain quality surface conditions and avoid more costly roadway rebuilds. Due to funding issues, since 2008 not all streets identified for maintenance have been repaired. Cuts in the program were necessary given the current economic climate and funding limitation both internally, and from the State of Illinois. The majority of work to be performed during the 2012 construction season will be for the rehabilitation of street surface and curb/gutter along various identified local streets.

The following streets are scheduled for repair in 2012:

Street	Miles	Street	Miles
Horatio Boulevard	0.50	Busch Parkway	1.00
Joel Lane	0.15	Krause Drive	0.08
Parkchester Road	0.24	Gardenia Lane	0.28
Newtown Drive	0.26	Windover Circle	0.07
Golfview Terrace	0.18	Common Way	0.06
Parkview Terrace	0.27	Rose Boulevard	0.36
Covington Terrace	0.13	Rose Court East	0.10
Brentwood Circle	0.06	Rose Court West	0.09
Thompson Boulevard	0.60	Cameron Way	0.16
Kingsbridge Way	0.31	Rachel Lane	0.24
Heatherdown Way	0.18	Countryside Drive	0.33
Logsdon Lane	0.20	Nichols Road (S)	0.20
Larchmont Drive	0.20	Pine Tree Circle North	0.14
		Pine Tree Circle South	0.08
<b>Total</b>			<b>6.47</b>

The Village of Buffalo Grove recognizes the need to have a network of pedestrian and mixed-use paths throughout the community. The Village currently maintains 224 miles of concrete sidewalks and bikeways. The Village actively pursues grant funding to expand or improve the current system and has created an ad-hoc bike path committee to develop suggestions for future improvements.

# Raupp Boulevard Bridge Reconstruction



**Category:** Street, Sidewalk & Bike Path Maintenance

**Fund:** Capital Projects - Facilities

**Account Number:** 511-4695

**Priority Score:** 19

**Project Type:** Customer Facing

**Initial Proposal Date:** 2011

**Project Coordinator:** Public Works/Engineering

**Summary:** This project covers the evaluation and subsequent design and construction of needed improvements to the Raupp Boulevard Bridge.

**Budget Impact:** Significant funding (80%) is provided by the Highway Bridge Replacement and Rehabilitation Program administered by the USDOT Federal Highway Administration. The remaining 20% is funded through an internal transfer from the General Fund Fund's operating revenues.

5 Year Expenditure History						
Budgeted Amount	FY 2007 (8 month yr)	FY 2008	FY 2009	FY 2010	Estimated FY 2011	TOTAL
	\$ -	\$ -	\$ -	\$ -	\$ 23,000	\$ 23,000
<b>Actual Expenditures</b>	\$ -	\$ -	\$ -	\$ -	\$ 15,000	\$ 15,000

5 Year Projected Expenditures						
Expense Category	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	TOTAL
Land						\$ -
Engineering	\$ 160,000	\$ -	\$ -	\$ -	\$ -	\$ 160,000
Construction	\$ -	\$ 660,000	\$ -	\$ -	\$ -	\$ 660,000
Equipment						\$ -
Contingency	\$ (128,000 )	\$ (528,000 )	\$ -	\$ -	\$ -	\$ (656,000 )
<b>Sub-Total</b>	<b>\$ 32,000</b>	<b>\$ 132,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 164,000</b>

# Weiland Road/Prairie Road Improvement



**Category:** Street, Sidewalk & Bike Path Maintenance

**Fund:** Capital Projects - Streets

**Account Number:** 511-4542

**Priority Score:** 25

**Project Type:** Obligated

**Initial Proposal Date:** 2008

**Project Coordinator:** Public Works/Engineering

**Summary:** This project covers Village expenses related to a proposed project to reconfigure the Weiland Road/Prairie Road Corridor from Lake Cook Road to IL Route 22.

**Budget Impact:** Lake County Department of Transportation is to provide an 83% reimbursement of the original full study cost after completion of the Phase I Study. The Cook County Highway Department is paying 100% of the supplemental expenses which resulting from expanding the study along the Lake Cook Road Corridor. The remaining expenditures are being funded through an internal transfer from the General Fund.

5 Year Expenditure History						
Budgeted Amount	FY 2007 (8 month yr)	FY 2008	FY 2009	FY 2010	Estimated FY 2011	TOTAL
	\$ 933,475	\$ 884,104	\$ 640,000	\$ 496,390	\$ 335,633	\$ 3,289,602
<b>Actual Expenditures</b>	\$ 151,564	\$ (141,377)	\$ 356,448	\$ 361,579	\$ 100,000	\$ 828,214

5 Year Projected Expenditures						
Expense Category	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	TOTAL
Land						\$ -
Engineering	\$ 234,054	\$ -	\$ -	\$ -	\$ -	\$ 234,054
Construction						\$ -
Equipment						\$ -
Contingency						\$ -
<b>Sub-Total</b>	<b>\$ 234,054</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 234,054</b>

# Dundee Road Streetscape Improvement



**Category:** Street, Sidewalk & Bike Path Maintenance

**Fund:** Capital Projects - Streets

**Account Number:** 511-4693

**Priority Score:** 19

**Project Type:** Customer Facing

**Initial Proposal Date:** 2009

**Project Coordinator:** Public Works/Engineering

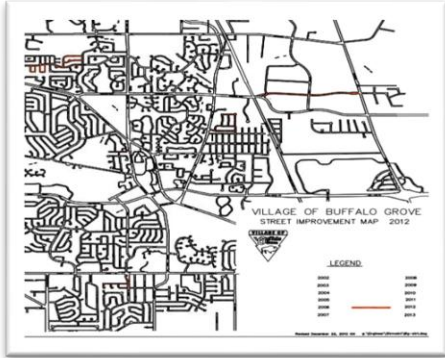
**Summary:** This project includes installation of sidewalk and multi-use path along the Dundee Road corridor. The proposed sidewalk locations were selected to complete bike routes already in place along Dundee Road, provide access to schools, heavy commercial districts and numerous town parks.

**Budget Impact:** This project is funded through an internal transfer from the General Fund's operating revenues.

5 Year Expenditure History						
	FY 2007	FY 2008	FY 2009	FY 2010	Estimated FY 2011	TOTAL
<b>Budgeted Amount</b>	\$ -	\$ -	\$ 16,000	\$ 650,211	\$ 634,212	\$ 3,701,731
<b>Actual Expenditures</b>	\$ -	\$ -	\$ -	\$ 26,084	\$ 5,000	\$ 15,000

5 Year Projected Expenditures						
Expense Category	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	TOTAL
Land						\$ -
Engineering						\$ -
Construction	\$ 101,013	\$ -	\$ -	\$ -	\$ -	\$ 101,013
Equipment						\$ -
Contingency						\$ -
<b>Sub-Total</b>	<b>\$ 101,013</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 101,013</b>

# Annual Street Maintenance



**Category:** Street, Sidewalk & Bike Path Maintenance  
**Fund:** Motor Fuel Tax Fund  
**Account Number:** 511-4511  
**Priority Score:** 19  
**Project Type:** Customer Facing  
**Initial Proposal Date:** Ongoing  
**Project Coordinator:** Public Works/Engineering

**Summary:** Annual street maintenance and rehabilitation program.

**Budget Impact:** The Village’s percentage of the State’s Motor Fuel Tax along with 20% of home rule sales tax fund this project. Additionally, due to decreasing revenues an operating fund transfer or debt financing will be required.

5 Year Expenditure History						
Budgeted Amount	FY 2007 (8 month yr)	FY 2008	FY 2009	FY 2010	Estimated FY 2011	TOTAL
	\$ 2,765,000	\$ 2,990,000	\$2,300,000	\$ 2,679,045	\$ 1,750,000	\$12,484,045
Actual Expenditures	\$ 2,463,706	\$ 2,914,130	\$ 2,243,128	\$ 1,512,258	\$ 1,366,200	\$10,499,422

5 Year Projected Expenditures						
Expense Category	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	TOTAL
Land						\$ -
Engineering	\$ 350,000	\$ 425,000	\$ 425,000	\$ 425,000	\$ 425,000	\$ 2,050,000
Construction	\$ 3,650,000	\$ 4,575,000	\$ 4,575,000	\$ 4,575,000	\$ 4,575,000	\$21,950,000
Equipment						\$ -
Contingency						\$ -
Sub-Total	\$ 4,000,000	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000	\$24,000,000

# Annual Sidewalk/Bike Path Maintenance



**Category:** Street, Sidewalk & Bike Path Maintenance

**Fund:** General Fund

**Account Number:** 461-3911

**Priority Score:** 20

**Project Type:** Customer Facing

**Initial Proposal Date:** Ongoing

**Project Coordinator:** Public Works/Engineering

**Summary:** Annual sidewalk and bike path maintenance and rehabilitation program.

**Budget Impact:** This project is funded through the General Fund.

5 Year Expenditure History						
Budgeted Amount	FY 2007 (8 month yr)	FY 2008	FY 2009	FY 2010	Estimated FY 2011	TOTAL
	\$ 200,000	\$ 250,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 900,000
<b>Actual Expenditures</b>	\$ 226,521	\$ 255,759	\$ 148,926	\$ 142,902	\$ 151,491	\$ 925,599

5 Year Projected Expenditures						
Expense Category	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	TOTAL
Land						\$ -
Engineering						\$ -
Construction	\$ 325,000	\$ 325,000	\$ 325,000	\$ 325,000	\$ 325,000	\$ 1,625,000
Equipment						\$ -
Contingency						\$ -
<b>Sub-Total</b>	<b>\$ 325,000</b>	<b>\$ 325,000</b>	<b>\$ 325,000</b>	<b>\$ 325,000</b>	<b>\$ 325,000</b>	<b>\$ 1,625,000</b>

## Overview of Water Main & Sanitary Sewer

The Village of Buffalo Grove's oldest water main was constructed in 1929 with the majority, approximately 50%, of water main put into place between 1983 and 1996. Currently, the water main system has 181 linear miles of water main and has a replacement value of approximately \$773 million. Other water system features include:

- 2,475 Hydrants
- 1,900 Valves
- 4 Pump Houses with storage reservoirs and back-up deep wells

Due to the relatively young age of the water system, between 1993 and 2007 the only capital expense was \$229,527 for the St. Mary's Road water main replacement. Since 2007 there have been \$3,085,995 capital expenses related to water system replacements and improvements.

The Village of Buffalo Grove's sanitary sewer system is a combination of gravity lines, force mains, and lift stations. There are 134.20 miles of gravity sewer and 5.07 miles of force main. Currently, there are 12 sanitary sewer lift stations in operation (6 in Cook County and 6 in Lake County).

All municipal waste is conveyed through village-owned and maintained sanitary sewer mains. The wastewater is then routed to either Lake County Public Works or Midwest Water Reclamation District (Cook County).

Expenditures in this category historically include repairs and reliability enhancements to the water and wastewater systems.

## Village Wide Sanitary Sewer Replacement Program



**Category:** Water Main & Sanitary Sewer

**Fund:** Water & Sewer Fund

**Account Number:** 542-4611

**Priority Score:** 14

**Project Type:** Customer Facing

**Initial Proposal Date:** 2012

**Project Coordinator:** Public Works

**Summary:** This program provides for sanitary sewer lining point repairs or replacements at priority locations in older portions of the Village. The locations are identified through the Annual Sanitary Sewer Televising Inspection Program.

**Budget Impact:** This program is funded by the Water & Sewer Fund reserves.

5 Year Expenditure History						
Budgeted Amount	FY 2007 (8 month yr)	FY 2008	FY 2009	FY 2010	Estimated FY 2011	TOTAL
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Actual Expenditures</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

5 Year Projected Expenditures						
Expense Category	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	TOTAL
Land						\$ -
Engineering						\$ -
Construction	\$ 650,000	\$ -	\$ 700,000	\$ -	\$ 700,000	\$ 2,050,000
Equipment						\$ -
Contingency						\$ -
<b>Sub-Total</b>	<b>\$ 650,000</b>	<b>\$ -</b>	<b>\$ 700,000</b>	<b>\$ -</b>	<b>\$ 700,000</b>	<b>\$ 2,050,000</b>

# Village Wide Water Main Replacement Program



**Category:** Water Main & Sanitary Sewer

**Fund:** Water & Sewer Fund

**Account Number:** 541-4412

**Priority Score:** 14

**Project Type:** Customer Facing

**Initial Proposal Date:** 2012

**Project Coordinator:** Public Works

**Summary:** This program provides for water main replacements at priority locations in older portions of the village as identified through the Water Service Interruption Reports.

**Budget Impact:** This program is funded by the Water & Sewer Fund reserves.

5 Year Expenditure History						
Budgeted Amount	FY 2007 (8 month yr)	FY 2008	FY 2009	FY 2010	Estimated FY 2011	TOTAL
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Actual Expenditures</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

5 Year Projected Expenditures						
Expense Category	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	TOTAL
Land						\$ -
Engineering						\$ -
Construction	\$ 160,000	\$ -	\$ 700,000	\$ -	\$ 700,000	\$ 1,560,000
Equipment						\$ -
Contingency						\$ -
<b>Sub-Total</b>	<b>\$ 160,000</b>	<b>\$ -</b>	<b>\$ 700,000</b>	<b>\$ -</b>	<b>\$ 700,000</b>	<b>\$ 1,560,000</b>

# Lift Station Repair & Rehabilitation Program



**Category:** Water Main & Sanitary Sewer

**Fund:** Water & Sewer Fund

**Account Number:** 541-4412

**Priority Score:** 21

**Project Type:** Customer Facing

**Initial Proposal Date:** 2001

**Project Coordinator:** Public Works

**Summary:** This program provides for permanently installed standby emergency generators at the OTP and Cambridge on the Lake Lift Stations and will complete other required work identified at other lift stations, such as condition evaluations, cathodic protection system renovations, maintenance lift repairs, and contractual interior painting.

**Budget Impact:** This program is funded by the Water & Sewer Fund reserves.

5 Year Expenditure History						
Budgeted Amount	FY 2007 (8 month yr)	FY 2008	FY 2009	FY 2010	Estimated FY 2011	TOTAL
	\$ 437,092	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 1,637,092
<b>Actual Expenditures</b>	\$ -	\$ -	\$ 669,606	\$ 133,455	\$ 290,000	\$ 1,093,061

5 Year Projected Expenditures						
Expense Category	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	TOTAL
Land						\$ -
Engineering	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 150,000
Construction	\$ 270,000	\$ 270,000	\$ 270,000	\$ 270,000	\$ 270,000	\$ 1,350,000
Equipment						\$ -
Contingency						\$ -
<b>Sub-Total</b>	<b>\$ 300,000</b>	<b>\$ 300,000</b>	<b>\$ 300,000</b>	<b>\$ 300,000</b>	<b>\$ 300,000</b>	<b>\$ 1,500,000</b>

# Pump House Repairs & Security Improvements



**Category:** Water Main & Sanitary Sewer

**Fund:** Water & Sewer Fund

**Account Number:** 541-4412

**Priority Score:** 19

**Project Type:** Customer Facing

**Initial Proposal Date:** 2010

**Project Coordinator:** Public Works

**Summary:** This program incorporates pump house repair projects identified in the 2008 Comprehensive Water Study Update and improvements identified in the Federally mandated Vulnerability Study.

**Budget Impact:** This program is funded by the Water & Sewer Fund reserves.

5 Year Expenditure History						
Budgeted Amount	FY 2007 (8 month yr)	FY 2008	FY 2009	FY 2010	Estimated FY 2011	TOTAL
	\$ -	\$ -	\$ -	\$ -	\$ 600,000	\$ 600,000
<b>Actual Expenditures</b>	\$ -	\$ -	\$ -	\$ -	\$ 40,000	\$ 40,000

5 Year Projected Expenditures						
Expense Category	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	TOTAL
Land						\$ -
Engineering						\$ -
Construction	\$ 600,000	\$ -	\$ -	\$ -	\$ -	\$ 600,000
Equipment						\$ -
Contingency						\$ -
<b>Sub-Total</b>	<b>\$ 600,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 600,000</b>

## Deep Well At Reservoir #7



**Category:** Water Main & Sanitary Sewer

**Fund:** Water & Sewer Fund

**Account Number:** 541-4412

**Priority Score:** 20

**Project Type:** Customer Facing

**Initial Proposal Date:** 2010

**Project Coordinator:** Public Works

**Summary:** This project provides for the construction of a deep well at Pump House #7. This project also includes the installation of a replacement water level sensing system to replace the original Well #1, #2, and #6 systems which have failed.

**Budget Impact:** This program is funded by the Water & Sewer Fund reserves.

5 Year Expenditure History						
Budgeted Amount	FY 2007 (8 month yr)	FY 2008	FY 2009	FY 2010	Estimated FY 2011	TOTAL
	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 1,470,000	\$ 2,470,000
<b>Actual Expenditures</b>	\$ -	\$ -	\$ -	\$ 57,192	\$ 1,200,000	\$ 1,257,192

5 Year Projected Expenditures						
Expense Category	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	TOTAL
Land						\$ -
Engineering						\$ -
Construction	\$ 454,000	\$ -	\$ -	\$ -	\$ -	\$ 454,000
Equipment						\$ -
Contingency						\$ -
<b>Sub-Total</b>	<b>\$ 454,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 454,000</b>

# Arlington Heights Road Water Main Reinforcement



**Category:** Water Main & Sanitary Sewer

**Fund:** Water & Sewer Fund

**Account Number:** 541-4412

**Priority Score:** 24

**Project Type:** Customer Facing

**Initial Proposal Date:** 2009

**Project Coordinator:** Public Works

**Summary:** This project provides for water main system reinforcement in the Arlington Heights Road corridor from Pump House No. 1 to Lake Cook Road. This project also includes a reinforcement segment on the north ROW of Dundee Road across Grove Drive.

**Budget Impact:** This program is funded by the Water & Sewer Fund reserves.

5 Year Expenditure History						
Budgeted Amount	FY 2007 (8 month yr)	FY 2008	FY 2009	FY 2010	Estimated FY 2011	TOTAL
	\$ -	\$ -	\$ 680,000	\$ 980,000	\$ 980,000	\$ 2,640,000
<b>Actual Expenditures</b>	\$ -	\$ -	\$ 62,271	\$ 84,387	\$ 280,000	\$ 426,658

5 Year Projected Expenditures						
Expense Category	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	TOTAL
Land						\$ -
Engineering						\$ -
Construction	\$ 275,000	\$ -	\$ -	\$ -	\$ -	\$ 275,000
Equipment						\$ -
Contingency						\$ -
<b>Sub-Total</b>	<b>\$ 275,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 275,000</b>

## Criteria List and Scoring Matrix

Criteria	Number	0	1	2
<b>Consistency with Village Goals and Plans</b>	1	Project is inconsistent with Village's Comprehensive Plan or does nothing to advance Strategic Goals	Project is consistent with Village's Comprehensive Plan but does little to advance Strategic Goals	Project is directly consistent with the Village's Comprehensive Plan and advances the Strategic Goals
<b>Public Health and Safety</b>	2	Project would have no impact on existing public health and/or safety concerns	Project would increase public health and/or safety but is not an urgent, continual need or hazard	Project addresses an immediate, continual safety hazard or public health and/or safety need
<b>Mandates or Other Legal Requirements</b>	3	Project is not mandated or otherwise required by intergovernmental agreement, judgment, or court order	Project would address anticipated mandates, other legal requirements, or intergovernmental agreements	Project required by federal, state, or local mandates, grants, court orders and judgments; required as a part of an intergovernmental agreement
<b>Maintains or Improves Standard of Service</b>	4	Project not related to maintaining an existing standard of service	Project would maintain existing standard of service	Project would address deficiencies or problems with existing services or will establish a new service
<b>Extent of Benefit</b>	5	Project would benefit only a small percentage of citizens or particular neighborhood or area	Project would benefit a large percentage of citizens or many neighborhoods or regions	Project would benefit the entire community
<b>Relation to Other Projects</b>	6	Project is not related to other projects in the Capital Improvement Plan	Project linked to other projects in the Capital Improvement Plan already underway but not essential to their completion	Project is essential to the success of other projects identified in the current Capital Improvement Plan
<b>Public Perception of Need</b>	7	Project has no public support or established voter appeal; is not identified by the community as a need	Project has been identified by the residents as a need in the community but lacks strong support	Project has strong technical and strong political support, project was suggested or demanded by the community
<b>Efficiency of Service</b>	8	Project would have no impact on the efficiency of service	Project would result in savings by eliminating obsolete or inefficient services or facilities	Project would result in significant savings by increasing the efficiency of the performance of a service or reducing the on-going cost or service of a facility
<b>Supports Economic Development</b>	9	Project would discourage or directly prevent capital investment, decrease the tax base, decrease valuation, or decrease job opportunities	Project would have no impact on capital investment, tax base, valuation, or employment	Project would directly result in capital investment, increased tax base, increased valuation, or improved job opportunities
<b>Environmental Quality</b>	10	Project would have a negative effect on the environmental quality of the Village	Project would not effect the environmental quality of the Village	Project would improve the environmental quality of the Village
<b>Feasibility of Project</b>	11	Project is unable to proceed due to obstacles (land acquisition, easements, environmental)	Minor obstacles exist, project is not entirely ready to proceed	Project is entirely ready to proceed, no obstacles exist
<b>Opportunity Cost</b>	12	If deferred, the increase in project costs would be less than the rate of inflation	If deferred, the increase in project costs would be equal to inflation	If deferred, the increase in project costs would be greater than the rate of inflation
<b>Operational Budget Impact</b>	13	Project would significantly increase debt service, installment payments, personnel or other operating costs or decrease revenues	Project would neither increase or decrease debt service, installment payments, personnel, or other operating costs or revenues	Projects would decrease debt service, installment payments, personnel or other operating costs or increase revenues