

Village of Mount Prospect



Capital Improvement Plan

2016 - 2020

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VILLAGE OF MOUNT PROSPECT, ILLINOIS
2016 - 2020 CAPITAL IMPROVEMENT PLAN

VILLAGE OFFICIALS

MAYOR

Arlene A. Juracek

TRUSTEES

Paul Wm. Hoefert

Richard F. Rogers

John J. Matuszak

Colleen E. Saccotelli

Steven S. Polit

Michael A. Zadel

ADMINISTRATION

David Strahl

Acting Village Manager

David O. Erb

Finance Director/Treasurer

William J. Cooney, Jr.

Community Development Director

Julie K. Kane

Human Services Director

Timothy Janowick

Chief of Police

John J. Malcolm

Fire Chief

Sean Dorsey

Public Works Director

M. Lisa Angell

Village Clerk

MAYOR
Arlene A. Juracek

TRUSTEES
Paul Wm. Hoefert
John J. Matuszak
Steven S. Polit
Richard F. Rogers
Colleen E. Saccotelli
Michael A. Zadel



**ACTING VILLAGE
MANAGER**
David Strahl

VILLAGE CLERK
M. Lisa Angell

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Village of Mount Prospect

50 South Emerson Street, Mount Prospect, Illinois 60056

July 21, 2015

The Honorable Arlene A. Juracek, Village President,
Board of Trustees, Finance Commission Members,
and Residents of the Village of Mount Prospect

I am very pleased to forward to you a copy of the 2016-2020 Capital Improvements Plan (CIP) of the Village of Mount Prospect. The Village has included as part of the annual budget process the preparation of a 5-year capital plan each year since 1998. The CIP gives us a clear, comprehensive view of our long-term capital needs and a firm basis from which to begin the preparation of the next year's operating budget. The total cost for all projects in the 2016-2020 CIP is \$65,193,503.

The Concept of a CIP

The CIP is our plan for capital expenditures/projects over the upcoming five years. We have defined capital expenditures/projects, in general, as the purchase or construction of long-lived, high-cost, tangible assets. For our purposes, "long-lived" implies a useful life in excess of one year. "High-cost" means that the project amounts to at least \$25,000. "Tangible" assets exclude contractual services except those that are necessary for putting a tangible asset into service.

The guidelines for capital expenditures/projects have been relaxed in certain instances so as to include certain items in the CIP that otherwise would not meet our basic definition of a capital item. For the first instance, departments were asked to state any need for an addition to the Village's vehicle fleet as a CIP project request even if the cost of the vehicle concerned would be less than \$25,000. We have used this convention because the purchase of a vehicle represents a substantial commitment on the part of the Village. Once a vehicle is recognized as an operational need, lease payments to the Vehicle Replacement Fund (internal service fund charges) become necessary in the budget programs of the operating departments so as to provide for the replacement of the vehicle. In other words, we start programming the financial means to replace a vehicle in the year following its purchase. Given the continuing financial implications of adding a vehicle to the Village fleet, proposals for additions to the fleet should be closely scrutinized.

The second instance of relaxation of the capital project guidelines relates to certain high-cost projects that do not necessarily give rise to a tangible asset but are related to maintaining capital assets. This has been done simply to document the other large capital-related expenses that confront us. The best examples of such a project included in this CIP are the Street Resurfacing Program and Water/Sewer Main Replacements and Rehabilitation.

In addition, Information Technology (IT) related projects are now part of the CIP. Many of these projects have costs that fall below the \$25,000 threshold, but are being included to coordinate IT purchases among the different departments. This will also ensure that additions to the computer system are picked up in computer replacement program, similar to the way replacement vehicle purchases are made using the vehicle replacement fund.

A project's inclusion in the CIP does not, in and of itself, commit the Village to funding and accomplishing it. As stated above, the CIP identifies our capital needs. Available funds, taxing capacity, and debt capacity may require that some projects ultimately be deferred beyond the years in which they are initially programmed for accomplishment in the CIP. Even so, the CIP will have served its purpose as a planning tool. However, projects programmed for the first year of the CIP (the year 2016 in the case of this 2016-2020 document) take on special importance because they must be addressed in the next year's Village operating budget. To help understand the impact the proposed expenditure/project would have on the Village's finances, detailed five-year financial forecasts for all major operating and capital funds have been included at the end of this document.

The Review Process

The process that we have put in place to yield the CIP closely parallels what has been the Village's traditional budget process. For the 2016-2020 CIP, the operating departments submitted their project requests to the Finance Department. The Finance Department compiled the project requests. A review team consisting of staff from the Village Manager's Office and Finance Department then meet with each of the departments to discuss the requests. The proposed CIP is then prepared and distributed to the Village Board and Finance Commission for consideration (without a commitment to funding all included projects).

The Project Requests

You will note that most of the project requests included in the 2015-2019 CIP appear again in the 2016-2020 document. In some cases, a project scheduled for a particular year has been accelerated or deferred based upon the staff's reassessment of Village needs. In other cases, the cost of a project may have changed due to our obtaining more complete information about it. Refinements such as these are an appropriate part of the capital projects planning process. The CIP is a working document. Our intent is to update it annually to reflect the current needs of the Village and the best information available. There are a few aspects of the 2016-2020 CIP that I would like to highlight.

- ***Street Improvement Program.*** This submittal is part of the continuation of the street revitalization and maintenance program approved by the Board in early 1997. Funding to support the program had slowed resulting in a backlog of streets requiring resurfacing. A long-term funding solution was put in place during 2013 that eliminated the backlog and ensures sufficient funding for the annual program into the future. The 2016-2020 CIP is showing a total of \$22.5 million being spent on resurfacing over the five-year period.
- ***Detention Pond Improvements.*** The Village is responsible for maintaining depth of Kensington Business Center detention ponds. The five-year plan includes design and construction work on five (5) different ponds in the Center at a total cost of an estimated \$2.9 million. Ponds 2, 6, 6A and 8 are expected to be completed between 2016 and 2020. A fifth pond, Pond 1, is expected to be completed during 2021 at a projected cost of \$1,000,000. The cost of design and construction of the five ponds range from \$280,000 to \$1,000,000.
- ***Water Main Replacement and Sewer Main Rehabilitation.*** Work on these two major infrastructure components of the water and sewer system is planned during the five-year plan as funding is available. Water main work includes replacement of deteriorated water mains prone to leakage to minimize disruptions of service and preserve water quality. Sewer rehab work includes restoring the structural integrity of pipes, removing excess infiltration and inflow to minimize basement back-ups and sewer surcharges. Total estimated cost of work on the water and sewer mains is \$11.6 million and \$3.6 million respectively.

As noted previously, the total cost for all projects in the 2016-2020 CIP is \$65,193,503. The largest expense category is **Resurfacing/Curbs & Gutters/Sidewalks**. This category accounts for \$23.9 million or 36.7% of the total 5-year CIP program. Next largest is the **Water and Sanitary System** category where expenses account for \$20.9 million, or 32.1% of the total while the **Public Building and Improvements** category accounts for \$6.1 million, or 9.4% of the total. Approximately 80 percent of the expenditures included in this plan are for major infrastructure maintenance and improvements. The work on these projects address Goal 3 of the Village Strategic Plan for **Infrastructure** which is to ensure sustainable public spaces, facilities and systems that match our needs, respect the natural environment and enrich the community experience.

Sources of Funds

The 2016-2020 CIP includes a summary of “Projects by Sources of Funds.” This summary provides an overview of the potential demands upon the Village’s financial resources. A few comments are warranted with regard to the “Projects by Sources of Funds” summary. To further assist the reader in understanding the affordability of the projects, five-year financial forecasts are included at the end of this document.

The Village has in place a home rule sales tax to support certain capital programs and operations. Three-quarters of the 1% home rule tax is allocated to capital projects. The Street Improvement, Flood Control, and Capital Improvement Funds each receive annually a one-quarter share (approximately \$1.3 million). In addition to the home rule sales tax, there are other dedicated revenue sources supporting the capital program. As mentioned previously, projects are placed in the 5-year capital plan based on available revenues. When revenues fall short of projections, adjustments are made to existing budgets in these Funds and capital spending elsewhere with future projects deferred until revenue becomes available. A brief summary of several of the Fund 5-year forecasts is provided below. Please refer to the forecast itself for more detailed information.

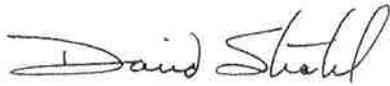
- **General Fund.** The General Fund is the Village’s primary operating fund. The only capital projects charged to the General Fund are those to be undertaken each and every year, although the level of funding from one year to the next may vary. Projects charged directly to the General Fund include IT projects and various Public Works projects for tree planting and removal, sidewalk replacement, storm sewer inspection program and traffic signal replacement. The General Fund five-year forecast is showing a preliminary deficit of \$155,214 for 2016. The projected deficit is slight and does not present a concern at this time. Steps will be taken during the budget process for 2016 to eliminate the deficit.
- **Capital Improvement Fund.** The Capital Improvement Fund is the Village’s fund for “Intermediate sized” capital expenditures that are either nonrecurring or expected to end at a determinable point in the future. It is not a fund through which bond proceeds are expended. Large capital projects supported by bond proceeds are generally made through a separate capital project fund. Prior to 2001, the Village was able to transfer excess General Fund revenues to the Capital Improvement Fund. However, stalled revenues resulted in our having to discontinue the transfer beginning with the 2002 fiscal year.

In 2007, the Village Board approved a permanent funding source for these mid-sized capital projects. An additional one-quarter percent home rule sales tax was implemented beginning January 2008 that will generate approximately \$1.3 million in the coming year. It is intended to allocate a portion of the revenue towards building up the fund balance for both the Capital Improvement Fund and the Village Parking System Revenue Fund. Fund balance at the end of 2015 in the Capital Improvement Fund is estimated to be \$0.7 million. Several large projects will draw down on this fund balance beginning in 2016. Fund balance policy states the fund balance shall be maintained at 50% of the five-year average for capital expenditures supported by this fund to a maximum of \$1 million. The policy does permit a draw-down of reserves to support more significant projects providing a plan is put in place to return reserves to policy levels. Further prioritizing of projects is needed for projects beyond 2016 to ensure the goal of fund balance stabilization is met.

- *Motor Fuel Tax Fund and Street Improvement Construction Fund.* The street maintenance and resurfacing programs are supported solely from these two funds. Revenue to support the programs had come primarily from the state and local motor fuel tax and one-quarter percent home rule sales tax. During 2013, a long-term funding solution was put in place that eliminated the backlog of street resurfacing estimated at 13 miles and ensured sufficient funding for the annual program into the future. Total annual resurfacing supported by these two funds is \$4.4 million. Additionally, there are a number of other smaller capital and operational maintenance items supported by these funds including snow removal commodities and street crack sealing contractual services.
- *Flood Control construction Fund.* The activity in this fund has been greater than usual in recent years as a result of the need to address flood control projects identified in the Comprehensive Storm Sewer Study completed in 2011. Approximately \$15 million in public improvements were identified in that study. The 2015-2019 CIP included the final large flood control project, the Isabella Combined Sewer project. The total cost of the project is \$9.8 million. Work began in 2014 and is expected to be completed in 2015. Beginning in 2016, most of the work supported by this fund will be for annual maintenance items. There are a couple projects though worth noting. Storm sewer improvements along Lavergne and Palm streets are expected to cost a combined \$450,000. Generator work related to Levee 37 is expected to cost \$230,000 in each 2017 and 2018. Finally, McDonald Creek improvements scheduled for 2019/2020 are expected to cost \$1.5 million. Additional funding will be needed to support this significant project.
- *Water and Sewer Fund.* There are numerous projects listed in the CIP as being funded out of the Water and Sewer Fund since they directly relate to our providing water and sanitary sewer service to customers. The 2016-2020 CIP is showing projects valued at an average of \$4.2 million per year over the next five years. The Water and Sewer Fund had a cash and investment balance of \$2.3 million at the end of 2015. The current rate structure is sufficient to support ongoing operations while capital projects proposed in the five-year plan will need further prioritizing to maintain proper fund balance.

A great deal of staff time and effort has been invested in the development of the 2014-2018 CIP. Certainly, the investment has been a prudent one. The CIP gives us a clear picture of the Village's capital needs for the next several years.

Respectfully submitted,



David Strahl
Acting Village Manager

2016 – 2020 CAPITAL IMPROVEMENTS PLAN

Structure of the Document and the Project Request Form

Conceptually, there are two ways of organizing the various project requests: by requesting department or by project type. Organization by department is most useful to the Village for management purposes. Therefore, after the summaries section of the CIP, project requests are organized by department and set off in separate sections.

The Summaries section begins with a department summary and a recapitulation of project requests by department on pages 10 through 14. Immediately following is the category summary and a listing of projects by category on pages 15 through 18. These summaries provide the alternate view of the project requests. The project categories are: Water and Sanitary Sewer, Flood Control, Street Construction/Reconstruction and Resurfacing, Public Buildings, Computer Hardware and Software, Equipment, and Miscellaneous.

In the final pages of the summaries section, pages 19 through 23, the project requests are summarized by funding source and listed by their source of funds.

Each departmental section begins with a summary of the project requests. Most of the information on the project request form is self-explanatory. However, some elaboration about certain items may be helpful.

- *Project Name/New Established.* Each project is given a short title. Each project is identified as a new or established project. Until funds are provided for a project for at least one year in the Village operating budget, the project is considered to be new.
- *Project Category/Type.* As stated above, each project or portion of a project has been assigned to a project category. Each group has a specific category code. These codes are detailed on the next page. Projects or portions thereof with the same project category are presented in separate summaries on pages 15 through 19.
- *Description.* This area provides a more detailed description of the project than is possible in the "Project Name".
- *Tech Plan.* The Village has a technology plan for information technology/computer projects. Each project requests indicates whether or not the project has been identified in the technology plan.
- *Priority.* To facilitate the evaluation of projects requested, the departments have prioritized them with "1" Critical, "2" Very Important, "3" Important, "4" Less Important, and "5 Future Consideration. This has been done to provide an overall picture of the relative importance of each project.
- *Funding Sources.* A potential source of funds has been indicated for most projects. For some projects, multiple potential sources are shown.
- *Budget Impact/Other.* Operating expenditures may come with the purchase or construction of a capital asset. For example, annual maintenance agreements are necessary with many items of equipment. In some circumstances, the purchase of a capital asset may enable the Village to reduce operating expenditures. Information provided in this section addresses those effects.

2016– 2020 CAPITAL IMPROVEMENT PLAN

Category Codes

1. Water and Sanitary Sewer:

- 700 – Water System
- 701 – Sanitary System

2. Flood Control and Related Projects:

- 702 – Flood Control Projects
- 703 – Storm Sewer

3. Street and Related Projects:

- 704 – Street Construction and Reconstruction
- 705 – Resurfacing/Curbs & Gutters/Sidewalks

4. Public Buildings:

- 706 – Construction of and Improvements to Public Buildings

5. Equipment:

- 707 – Computer Hardware/Software
- 708 – Vehicles and Automotive Equipment
- 709 – Furnishings and Non-Automotive Equipment

6. Miscellaneous:

- 710 – Miscellaneous

2016 – 2020 CAPITAL IMPROVEMENTS PLAN

Equipment Replacement Guidelines

Item	Age (Years)	<u>Mileage/Hours</u>
Cars- Normal Use	10	85,000
Cars- Police Patrol	5	70,000/7,000 hrs
Cars- Police CSO	7	70,000/7,000 hrs
Cars- Police Assigned	8	70,000/7,000 hrs
Pickups/Vans	12	50,000/5,000 hrs
Medium Truck (10,000 to	14	50,000/5,000 hrs
Heavy Truck(>19,500 GVW)	17	50,000/6,000 hrs
Aerials	*15	50,000/9,000 hrs
OffRoad Equipment	12-17 (depending on equipment)	5,000 hrs
Backhoes & Loaders	*15	5,000 hrs
Street Sweepers	12	50,000/5,000 hrs
LeafMachines	17	2,500 hrs
Trailers	17-22	N/A
Other Equipment	8-22 (depending on usage/condition) N/A	N/A
Ambulance (Type 1)	10	75,000/8,000 hrs
Ambulance (Type 3)	8	60,000/6,000 hrs
Fire Equipment (<15k GVW)	12	*TBD
Fire Equipment(> 15k GVW)	*15	*TBD
Trackless Snow Machines	*15	2,500 hrs

(*TBD- To be determined by condition and general FD practice)

The equipment guidelines listed above simply provide general direction for when a piece of equipment should be considered for replacement. These time estimates are not hard and fast. The Village Vehicle/Equipment Replacement Policy specifies the general policy, the equipment replacement evaluation and criteria, equipment replacement parameters, minimum use policy, and the replacement vehicle purchasing guidelines. If replacement is not warranted due to condition or low level of use, purchase of new will be deferred until the following year at which time the equipment will be reevaluated.

2016 – 2020 CAPITAL IMPROVEMENTS PLAN (CIP)

Planning Calendar

CIP worksheets and instructions forwarded to department directors	03/06/15
Completed <i>Computer</i> CIP worksheets returned to Finance Department	03/20/15
Remaining CIP worksheets returned to the Finance Department	04/03/15
Departmental meetings with Village Manager and Finance Director	05/05/15 - 05/07/15
Complete Proposed CIP Amounts	05/29/15
Proposed CIP distributed to Village Board and Finance Commission	06/12/15
Proposed CIP reviewed by the Finance Commission	06/25/15
Proposed CIP reviewed by the Board at a Committee of the Whole	07/14/15
Acceptance of Proposed CIP by the Village Board	07/21/15
CIP distributed	08/21/15

Village of Mount Prospect, Illinois
2016 - 2020 Capital Improvement Plan
 2016 thru 2020

DEPARTMENT SUMMARY

Department	2016	2017	2018	2019	2020	Total
Community Development	200,000	500,000	500,000	300,000	300,000	1,800,000
Fire Department	57,500	262,500	485,000	63,000	32,000	900,000
Information Technology	190,375	130,370	127,608			448,353
Police Department			570,000	315,000		885,000
Public Works - Buildings	1,475,000	423,000	751,000	425,000	1,385,000	4,459,000
Public Works - Engineering	5,915,400	5,557,200	5,419,000	5,335,800	5,012,600	27,240,000
Public Works - Flood Control	735,000	710,000	750,000	1,110,000	2,150,000	5,455,000
Public Works - Forestry	378,500	323,000	256,000	262,000	261,000	1,480,500
Public Works - Parking	150,000	150,000	150,000	175,000	150,000	775,000
Public Works - Streets	60,000	75,000	125,000	125,000	125,000	510,000
Public Works - Vehicle			135,000	140,000		275,000
Public Works - Water/Sewer	2,390,000	2,185,000	2,915,000	6,975,000	6,465,000	20,930,000
Village Administration		35,650				35,650
TOTAL	11,551,775	10,351,720	12,183,608	15,225,800	15,880,600	65,193,503

Village of Mount Prospect, Illinois
 2016 - 2020 Capital Improvement Plan
 2016 thru 2020

PROJECTS BY DEPARTMENT

Department	Project#	Priority	2016	2017	2018	2019	2020	Total
Community Development								
Pedestrian Improvement - Busse Rd/Main Street	CD001.0-16	2	100,000					100,000
Pedestrian Improvement-Central/NHWY/Prospect Ave	CD002.0-16	3		200,000	200,000			400,000
Pedestrian Improvement - Prospect/Main/Evergreen	CD003.0-16	3		200,000				200,000
Corridor Improvements	CD400.0-AN	4			200,000	200,000	200,000	600,000
Façade and Interior Buildout Program	CD401.0-AN	2	100,000	100,000	100,000	100,000	100,000	500,000
Community Development Total			200,000	500,000	500,000	300,000	300,000	1,800,000
Fire Department								
Active Shooter/RTF	FD001.0-16	3	20,000					20,000
Large Diameter Hose & Appliances	FD002.0-16	1	25,000					25,000
Village Warning Sirens	FD003.0-16	3			90,000			90,000
Cardiac Monitors	FD004.0-16	1		250,000				250,000
Fire Safety Trailer	FD005.0-16	3			75,000			75,000
Powered EMS Stretchers & Stair Chairs	FD006.0-16	5			320,000			320,000
SCBA facepieces	FD007.0-16	1				63,000		63,000
Surface Supplied Air System	FD009.0-16	2					32,000	32,000
Physical Fitness Treadmills	FD700.0-AN	2	12,500	12,500				25,000
Fire Department Total			57,500	262,500	485,000	63,000	32,000	900,000
Information Technology								
Extend Video Conferencing to EOC	ITFD002.0-16	4	1,000					1,000
Instant Messaging	ITHS001.0-16	5			26,512			26,512
Police Department Computer Workstations	ITPD001.0-16	1	5,600					5,600
Coplogic Electronic Reporting Software	ITPD002.0-16	3		20,000				20,000
Tablet for Investigations	ITPD003.0-16	2	2,500					2,500
License Plate Recognition (LPR)	ITPD004.0-16	3			45,000			45,000
Mobile Ticket Writer	ITPD005.0-16	3			16,096			16,096
SharePoint Online	ITPD006.0-16	2	5,400					5,400
Customer Service Interface - Hansen-Vlg Website	ITPW001.0-16	3			40,000			40,000
GeoCortex Laserfiche Interface	ITPW002.0-16	3		30,000				30,000
Public Works Laptops	ITPW003.0-16	3	2,930	2,930				5,860
Login Script Replacement	ITVA001.0-16	3	8,400					8,400
Increase Bandwidth to Outlying Fire Stations	ITVA002.0-16	1	39,000	52,000				91,000
Microsoft Office Suite	ITVA003.0-16	1	85,000					85,000
Telephone Call Accounting System	ITVA004.0-16	1	27,000					27,000
Microsoft Server Licenses	ITVA005.0-16	2	13,545	14,100				27,645
SharePoint Online	ITVA006.0-16	2		11,340				11,340
Information Technology Total			190,375	130,370	127,608			448,353
Police Department								
Administrative Section Renovation	PD001.0-16	2			500,000			500,000
Roll Call and Kitchenette Renovation	PD002.0-16	3			70,000			70,000
Lobby and Lobby Restrooms Renovation	PD003.0-16	3				115,000		115,000

Department	Project#	Priority	2016	2017	2018	2019	2020	Total
Evidence Lab Renovation	PD004.0-16	3				200,000		200,000
Police Department Total						570,000	315,000	885,000
Public Works - Buildings								
HVAC Upgrade Village Hall	PWBU001.0-16	4					630,000	630,000
Public Safety Garage Sprinkler	PWBU002.0-16	2		48,000				48,000
Public Safety Parking Deck Maintenance	PWBU003.0-16	2		250,000				250,000
Public Safety Training Room Rehab	PWBU004.0-16	4			86,000			86,000
Public Safety Exterior Imp - Planter Bed Removal	PWBU005.0-16	3					30,000	30,000
Public Safety Exterior Imp-Tuckpoint & Power Wash	PWBU006.0-16	3					40,000	40,000
Public Safety Exterior Imp-Window Replacement	PWBU007.0-16	3			230,000			230,000
Fire Station #12 Apparatus Floor	PWBU008.0-16	3					45,000	45,000
Fire Station #13 Apparatus Floor	PWBU009.0-16	3					75,000	75,000
Fire Station #13 Bathrooms	PWBU010.0-16	3					45,000	45,000
Public Works Roof Repair	PWBU011.0-16	2	1,270,000					1,270,000
Public Works Facility Exterior	PWBU012.0-16	3				200,000	75,000	275,000
Public Works Fire Alarm Upgrade	PWBU013.0-16	3				35,000		35,000
Village Hall Window Replacement	PWBU014.0-16	5					255,000	255,000
Other Public Buildings	PWBU800.0-AN	3	155,000	100,000	160,000	165,000	165,000	745,000
HVAC Replacement Program	PWBU801.0-AN	2	50,000	25,000	275,000	25,000	25,000	400,000
Public Works - Buildings Total			1,475,000	423,000	751,000	425,000	1,385,000	4,459,000
Public Works - Engineering								
Bike Route Sign Project	PWEN001.0-16	4	130,000					130,000
Emergency Vehicle Preemption System Replacement	PWEN002.0-16	3	135,000	135,000	135,000			405,000
KBC Jogging Path Rehab	PWEN003.0-16	2	205,000					205,000
Northwest Hwy/Mount Prospect Road Bike Path	PWEN005.0-16	3	75,000					75,000
Rand-Central-MP Road Study	PWEN006.0-16	2	200,000	400,000				600,000
Rand-Elmhurst-Kensington Road Study	PWEN007.0-16	2	200,000		400,000			600,000
Streetscape Improvements	PWEN008.0-16	2		200,000				200,000
Traffic Signal Generator Connections	PWEN009.0-16	3					255,000	255,000
Downtown Intersections Study	PWEN010.0-16	2	200,000			400,000		600,000
New Sidewalks	PWEN801.0-AN	2	140,000	160,000	190,000	210,000		700,000
Sidewalk Cost Share Program	PWEN802.0-AN	3	88,400	90,200	92,000	93,800	95,600	460,000
Street Improvement Program	PWEN803.0-AN	1	4,442,000	4,472,000	4,502,000	4,532,000	4,562,000	22,510,000
Traffic Calming	PWEN804.0-AN	4	50,000	50,000	50,000	50,000	50,000	250,000
Traffic Signal Replacement Engineering	PWEN805.0-AN	4	50,000	50,000	50,000	50,000	50,000	250,000
Public Works - Engineering Total			5,915,400	5,557,200	5,419,000	5,335,800	5,012,600	27,240,000
Public Works - Flood Control								
McDonald Creek Bank Stabilization	PWFC001.0-16	2				150,000	1,350,000	1,500,000
Detention Pond Improvement - Pond 1	PWFC002.0-16	2					100,000	100,000
Detention Pond Improvement - Pond 2	PWFC003.0-16	2				760,000		760,000
Detention Pond Improvement - Pond 6	PWFC004.0-16	2		280,000				280,000
Detention Pond Improvement - Pond 6A	PWFC005.0-16	2			290,000			290,000
Detention Pond Improvement - Pond 8	PWFC006.0-16	2					500,000	500,000
Storm Sewer Improvements - Lavergne/Catalpa	PWFC007.0-16	2	225,000					225,000
Storm Sewer Improvements - Palm/Cherrywood	PWFC008.0-16	2	225,000					225,000
Weller Creek Silt Removal	PWFC009.0-16	3			30,000			30,000
Levee 37 Standby Emergency Generators	PWFC010.0-16	3		230,000	230,000			460,000
Emergency Pumping Levee 37	PWFC011.0-16	3	85,000					85,000
Neighborhood Drainage Improvements	PWFC800.0-AN	3	100,000	100,000	100,000	100,000	100,000	500,000
Storm Sewer Inspection Program	PWFC802.0-AN	2	100,000	100,000	100,000	100,000	100,000	500,000

Department	Project#	Priority	2016	2017	2018	2019	2020	Total
Public Works - Flood Control Total			735,000	710,000	750,000	1,110,000	2,150,000	5,455,000
Public Works - Forestry								
Ash Replacement Plantings	PWFO001.0-16	3	85,000	40,000				125,000
Ash Tree and Stump Removals	PWFO002.0-16	2	114,500	47,000				161,500
Prospect Ave. Block Wall Construction	PWFO003.0-16	4		40,000	40,000	25,000		105,000
Tree Planting Program	PWFO801.0-AN	2	179,000	196,000	216,000	237,000	261,000	1,089,000
Public Works - Forestry Total			378,500	323,000	256,000	262,000	261,000	1,480,500
Public Works - Parking								
Parking Lot Improvements	PWPA001.0-16	3				25,000		25,000
Village Hall Parking Deck Maintenance	PWPA800.0-AN	3	50,000	50,000	50,000	50,000	50,000	250,000
Village Hall Parking Deck Maintenance - Painting	PWPA802.0-AN	3	100,000	100,000	100,000	100,000	100,000	500,000
Public Works - Parking Total			150,000	150,000	150,000	175,000	150,000	775,000
Public Works - Streets								
Streetlight Improvements	PWST800.0-AN	3	60,000	75,000	75,000	75,000	75,000	360,000
Streetlight Improvements LED Retrofits	PWST801.0-AN	4			50,000	50,000	50,000	150,000
Public Works - Streets Total			60,000	75,000	125,000	125,000	125,000	510,000
Public Works - Vehicle								
Vehicle Lifts	PWVE002.0-16	4			135,000	140,000		275,000
Public Works - Vehicle Total					135,000	140,000		275,000
Public Works - Water/Sewer								
Locating & Leak Detection Equipment	PWWS001.0-16	3	80,000					80,000
Televising Camera System Upgrades	PWWS002.0-16	3		80,000	90,000			170,000
Water Facility Roof Rehab-Well House #4	PWWS003.0-16	3	65,000					65,000
Water Facility Roof Rehab-Station #11	PWWS004.0-16	3		70,000				70,000
Water Facility Roof Rehab-Station #16	PWWS005.0-16	3			70,000			70,000
Water Tank Rehabilitation-Reservoir 5-1	PWWS006.0-16	2			675,000			675,000
Water Tank Rehabilitation-Reservoir 17	PWWS007.0-16	2	650,000					650,000
Wireless Telemetry System Remote Pressure Stations	PWWS008.0-16	2	65,000	65,000	65,000	65,000	65,000	325,000
Wireless Telemetry System Upgrade-PLC Upgrades	PWWS009.0-16	1		40,000	40,000	40,000	40,000	160,000
Wireless Telemetry System Upgrade-VFD Replacement	PWWS011.0-16	1				50,000	50,000	100,000
Deep Well Rehabilitation - Well #16	PWWS012.0-16	2		375,000				375,000
Deep Well Rehabilitation - Well #17	PWWS013.0-16	2				410,000		410,000
Hydro Excavator	PWWS014.0-16	4			115,000			115,000
Lift Relief Station Rehab - Louis Street	PWWS015.0-16	1	350,000					350,000
Lift Relief Station Rehab - William Street	PWWS016.0-16	2		350,000				350,000
Lift Relief Station Rehab - Huntington	PWWS017.0-16	3			650,000			650,000
Lift Relief Station Rehab - Fairview	PWWS018.0-16	3				450,000		450,000
Lift Relief Station Rehab - Lincoln Street	PWWS019.0-16	3					350,000	350,000
Water Main Replacement	PWWS800.0-AN	1	600,000	600,000	600,000	4,900,000	4,900,000	11,600,000
Sewer Main Rehabilitation	PWWS801.0-AN	2	525,000	550,000	550,000	1,000,000	1,000,000	3,625,000
Booster Station Pump Rehabilitation	PWWS803.0-AN	2	55,000	55,000	60,000	60,000	60,000	290,000
Public Works - Water/Sewer Total			2,390,000	2,185,000	2,915,000	6,975,000	6,465,000	20,930,000
Village Administration								
Playback System Upgrade to HD	VA001.0-16	3		35,650				35,650

Department	Project#	Priority	2016	2017	2018	2019	2020	Total
Village Administration Total				35,650				35,650
GRAND TOTAL			11,551,775	10,351,720	12,183,608	15,225,800	15,880,600	65,193,503

Village of Mount Prospect, Illinois
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CATEGORY SUMMARY

Category	2016	2017	2018	2019	2020	Total
700 Water System	1,515,000	1,285,000	1,715,000	5,525,000	5,115,000	15,155,000
701 Sanitary System	875,000	900,000	1,200,000	1,450,000	1,350,000	5,775,000
702 Flood Control Projects	185,000	330,000	360,000	250,000	1,450,000	2,575,000
703 Storm Sewer	550,000	380,000	390,000	860,000	700,000	2,880,000
704 Street Const & Reconst	885,000	985,000	985,000	650,000	505,000	4,010,000
705 Resurface-Curbs/Gutters/SW	4,805,400	4,997,200	4,909,000	4,960,800	4,782,600	24,455,000
706 Public Bldg Const & Improvements	1,625,000	573,000	1,471,000	915,000	1,535,000	6,119,000
707 Computer HW/SW	190,375	130,370	127,608			448,353
708 Vehicles and Auto Equip			210,000	140,000		350,000
709 Furnishings & Non-Auto Equip	57,500	298,150	320,000	63,000	32,000	770,650
710 Miscellaneous	863,500	473,000	496,000	412,000	411,000	2,655,500
TOTAL	11,551,775	10,351,720	12,183,608	15,225,800	15,880,600	65,193,503

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PROJECTS BY CATEGORY

Category	Project#	Priority	2016	2017	2018	2019	2020	Total
700 Water System								
Locating & Leak Detection Equipment	PWWS001.0-16	3	80,000					80,000
Televising Camera System Upgrades	PWWS002.0-16	3		80,000	90,000			170,000
Water Facility Roof Rehab-Well House #4	PWWS003.0-16	3	65,000					65,000
Water Facility Roof Rehab-Station #11	PWWS004.0-16	3		70,000				70,000
Water Facility Roof Rehab-Station #16	PWWS005.0-16	3			70,000			70,000
Water Tank Rehabilitation-Reservoir 5-1	PWWS006.0-16	2			675,000			675,000
Water Tank Rehabilitation-Reservoir 17	PWWS007.0-16	2	650,000					650,000
Wireless Telemetry System Remote Pressure Stations	PWWS008.0-16	2	65,000	65,000	65,000	65,000	65,000	325,000
Wireless Telemetry System Upgrade-PLC Upgrades	PWWS009.0-16	1		40,000	40,000	40,000	40,000	160,000
Wireless Telemetry System Upgrade-VFD Replacement	PWWS011.0-16	1				50,000	50,000	100,000
Deep Well Rehabilitation - Well #16	PWWS012.0-16	2		375,000				375,000
Deep Well Rehabilitation - Well #17	PWWS013.0-16	2				410,000		410,000
Hydro Excavator	PWWS014.0-16	4			115,000			115,000
Water Main Replacement	PWWS800.0-AN	1	600,000	600,000	600,000	4,900,000	4,900,000	11,600,000
Booster Station Pump Rehabilitation	PWWS803.0-AN	2	55,000	55,000	60,000	60,000	60,000	290,000
700 Water System Total			1,515,000	1,285,000	1,715,000	5,525,000	5,115,000	15,155,000
701 Sanitary System								
Lift Relief Station Rehab - Louis Street	PWWS015.0-16	1	350,000					350,000
Lift Relief Station Rehab - William Street	PWWS016.0-16	2		350,000				350,000
Lift Relief Station Rehab - Huntington	PWWS017.0-16	3			650,000			650,000
Lift Relief Station Rehab - Fairview	PWWS018.0-16	3				450,000		450,000
Lift Relief Station Rehab - Lincoln Street	PWWS019.0-16	3					350,000	350,000
Sewer Main Rehabilitation	PWWS801.0-AN	2	525,000	550,000	550,000	1,000,000	1,000,000	3,625,000
701 Sanitary System Total			875,000	900,000	1,200,000	1,450,000	1,350,000	5,775,000
702 Flood Control Projects								
McDonald Creek Bank Stabilization	PWFC001.0-16	2				150,000	1,350,000	1,500,000
Weller Creek Silt Removal	PWFC009.0-16	3			30,000			30,000
Levee 37 Standby Emergency Generators	PWFC010.0-16	3		230,000	230,000			460,000
Emergency Pumping Levee 37	PWFC011.0-16	3	85,000					85,000
Neighborhood Drainage Improvements	PWFC800.0-AN	3	100,000	100,000	100,000	100,000	100,000	500,000
702 Flood Control Projects Total			185,000	330,000	360,000	250,000	1,450,000	2,575,000
703 Storm Sewer								
Detention Pond Improvement - Pond 1	PWFC002.0-16	2					100,000	100,000
Detention Pond Improvement - Pond 2	PWFC003.0-16	2				760,000		760,000
Detention Pond Improvement - Pond 6	PWFC004.0-16	2		280,000				280,000
Detention Pond Improvement - Pond 6A	PWFC005.0-16	2			290,000			290,000
Detention Pond Improvement - Pond 8	PWFC006.0-16	2					500,000	500,000
Storm Sewer Improvements - Lavergne/Catalpa	PWFC007.0-16	2	225,000					225,000
Storm Sewer Improvements - Palm/Cherrywood	PWFC008.0-16	2	225,000					225,000
Storm Sewer Inspection Program	PWFC802.0-AN	2	100,000	100,000	100,000	100,000	100,000	500,000

Category	Project#	Priority	2016	2017	2018	2019	2020	Total
703 Storm Sewer Total			550,000	380,000	390,000	860,000	700,000	2,880,000
704 Street Const & Reconst								
Pedestrian Improvement - Busse Rd/Main Street	CD001.0-16	2	100,000					100,000
Pedestrian Improvement-Central/NWHWY/Prospect Ave	CD002.0-16	3		200,000	200,000			400,000
Pedestrian Improvement - Prospect/Main/Evergreen	CD003.0-16	3		200,000				200,000
Corridor Improvements	CD400.0-AN	4			200,000	200,000	200,000	600,000
Emergency Vehicle Preemption System Replacement	PWEN002.0-16	3	135,000	135,000	135,000			405,000
Rand-Central-MP Road Study	PWEN006.0-16	2	200,000	400,000				600,000
Rand-Elmhurst-Kensington Road Study	PWEN007.0-16	2	200,000		400,000			600,000
Traffic Signal Generator Connections	PWEN009.0-16	3					255,000	255,000
Downtown Intersections Study	PWEN010.0-16	2	200,000			400,000		600,000
Traffic Signal Replacement Engineering	PWEN805.0-AN	4	50,000	50,000	50,000	50,000	50,000	250,000
704 Street Const & Reconst Total			885,000	985,000	985,000	650,000	505,000	4,010,000
705 Resurface-Curbs/Gutters/SW								
Northwest Hwy/Mount Prospect Road Bike Path	PWEN005.0-16	3	75,000					75,000
Streetscape Improvements	PWEN008.0-16	2		200,000				200,000
New Sidewalks	PWEN801.0-AN	2	140,000	160,000	190,000	210,000		700,000
Sidewalk Cost Share Program	PWEN802.0-AN	3	88,400	90,200	92,000	93,800	95,600	460,000
Street Improvement Program	PWEN803.0-AN	1	4,442,000	4,472,000	4,502,000	4,532,000	4,562,000	22,510,000
Streetlight Improvements	PWST800.0-AN	3	60,000	75,000	75,000	75,000	75,000	360,000
Streetlight Improvements LED Retrofits	PWST801.0-AN	4			50,000	50,000	50,000	150,000
705 Resurface-Curbs/Gutters/SW Total			4,805,400	4,997,200	4,909,000	4,960,800	4,782,600	24,455,000
706 Public Bldg Const & Improvement								
Administrative Section Renovation	PD001.0-16	2			500,000			500,000
Roll Call and Kitchenette Renovation	PD002.0-16	3			70,000			70,000
Lobby and Lobby Restrooms Renovation	PD003.0-16	3				115,000		115,000
Evidence Lab Renovation	PD004.0-16	3				200,000		200,000
HVAC Upgrade Village Hall	PWBU001.0-16	4					630,000	630,000
Public Safety Garage Sprinkler	PWBU002.0-16	2		48,000				48,000
Public Safety Parking Deck Maintenance	PWBU003.0-16	2		250,000				250,000
Public Safety Training Room Rehab	PWBU004.0-16	4			86,000			86,000
Public Safety Exterior Imp - Planter Bed Removal	PWBU005.0-16	3					30,000	30,000
Public Safety Exterior Imp-Tuckpoint & Power Wash	PWBU006.0-16	3					40,000	40,000
Public Safety Exterior Imp-Window Replacement	PWBU007.0-16	3			230,000			230,000
Fire Station #12 Apparatus Floor	PWBU008.0-16	3					45,000	45,000
Fire Station #13 Apparatus Floor	PWBU009.0-16	3					75,000	75,000
Fire Station #13 Bathrooms	PWBU010.0-16	3					45,000	45,000
Public Works Roof Repair	PWBU011.0-16	2	1,270,000					1,270,000
Public Works Facility Exterior	PWBU012.0-16	3				200,000	75,000	275,000
Public Works Fire Alarm Upgrade	PWBU013.0-16	3				35,000		35,000
Village Hall Window Replacement	PWBU014.0-16	5					255,000	255,000
Other Public Buildings	PWBU800.0-AN	3	155,000	100,000	160,000	165,000	165,000	745,000
HVAC Replacement Program	PWBU801.0-AN	2	50,000	25,000	275,000	25,000	25,000	400,000
Parking Lot Improvements	PWPA001.0-16	3				25,000		25,000
Village Hall Parking Deck Maintenance	PWPA800.0-AN	3	50,000	50,000	50,000	50,000	50,000	250,000
Village Hall Parking Deck Maintenance - Painting	PWPA802.0-AN	3	100,000	100,000	100,000	100,000	100,000	500,000
706 Public Bldg Const & Improvements Total			1,625,000	573,000	1,471,000	915,000	1,535,000	6,119,000
707 Computer HW/SW								
Extend Video Conferencing to EOC	ITFD002.0-16	4	1,000					1,000

Category	Project#	Priority	2016	2017	2018	2019	2020	Total
Instant Messaging	ITHS001.0-16	5			26,512			26,512
Police Department Computer Workstations	ITPD001.0-16	1	5,600					5,600
Coplogic Electronic Reporting Software	ITPD002.0-16	3		20,000				20,000
Tablet for Investigations	ITPD003.0-16	2	2,500					2,500
License Plate Recognition (LPR)	ITPD004.0-16	3			45,000			45,000
Mobile Ticket Writer	ITPD005.0-16	3			16,096			16,096
SharePoint Online	ITPD006.0-16	2	5,400					5,400
Customer Service Interface - Hansen-Vlg Website	ITPW001.0-16	3			40,000			40,000
GeoCortex Laserfiche Interface	ITPW002.0-16	3		30,000				30,000
Public Works Laptops	ITPW003.0-16	3	2,930	2,930				5,860
Login Script Replacement	ITVA001.0-16	3	8,400					8,400
Increase Bandwidth to Outlying Fire Stations	ITVA002.0-16	1	39,000	52,000				91,000
Microsoft Office Suite	ITVA003.0-16	1	85,000					85,000
Telephone Call Accounting System	ITVA004.0-16	1	27,000					27,000
Microsoft Server Licenses	ITVA005.0-16	2	13,545	14,100				27,645
SharePoint Online	ITVA006.0-16	2		11,340				11,340
707 Computer HW/SW Total			190,375	130,370	127,608			448,353
708 Vehicles and Auto Equip								
Fire Safety Trailer	FD005.0-16	3			75,000			75,000
Vehicle Lifts	PWVE002.0-16	4			135,000	140,000		275,000
708 Vehicles and Auto Equip Total					210,000	140,000		350,000
709 Furnishings & Non-Auto Equip								
Active Shooter/RTF	FD001.0-16	3	20,000					20,000
Large Diameter Hose & Appliances	FD002.0-16	1	25,000					25,000
Cardiac Monitors	FD004.0-16	1		250,000				250,000
Powered EMS Stretchers & Stair Chairs	FD006.0-16	5			320,000			320,000
SCBA facepieces	FD007.0-16	1				63,000		63,000
Surface Supplied Air System	FD009.0-16	2					32,000	32,000
Physical Fitness Treadmills	FD700.0-AN	2	12,500	12,500				25,000
Playback System Upgrade to HD	VA001.0-16	3		35,650				35,650
709 Furnishings & Non-Auto Equip Total			57,500	298,150	320,000	63,000	32,000	770,650
710 Miscellaneous								
Facade and Interior Buildout Program	CD401.0-AN	2	100,000	100,000	100,000	100,000	100,000	500,000
Village Warning Sirens	FD003.0-16	3			90,000			90,000
Bike Route Sign Project	PWEN001.0-16	4	130,000					130,000
KBC Jogging Path Rehab	PWEN003.0-16	2	205,000					205,000
Traffic Calming	PWEN804.0-AN	4	50,000	50,000	50,000	50,000	50,000	250,000
Ash Replacement Plantings	PWFO001.0-16	3	85,000	40,000				125,000
Ash Tree and Stump Removals	PWFO002.0-16	2	114,500	47,000				161,500
Prospect Ave. Block Wall Construction	PWFO003.0-16	4		40,000	40,000	25,000		105,000
Tree Planting Program	PWFO801.0-AN	2	179,000	196,000	216,000	237,000	261,000	1,089,000
710 Miscellaneous Total			863,500	473,000	496,000	412,000	411,000	2,655,500
GRAND TOTAL			11,551,775	10,351,720	12,183,608	15,225,800	15,880,600	65,193,503

Village of Mount Prospect, Illinois
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FUNDING SOURCE SUMMARY

Source	2016	2017	2018	2019	2020	Total
001 General Fund	1,390,845	1,154,070	1,083,000	965,800	611,600	5,205,315
020 Capital Improvement Fund	1,936,000	1,285,650	2,843,608	2,053,000	2,342,000	10,460,258
022 Downtown Redevelopment Construction Fund	200,000	300,000	100,000	100,000	100,000	800,000
023 Street Improvement Construction Fund	4,147,000	3,972,000	4,002,000	4,032,000	4,062,000	20,215,000
024 Flood Control Construction Fund	735,000	430,000	460,000	350,000	1,550,000	3,525,000
040 Refuse Fund		15,000	15,000			30,000
041 Motor Fuel Tax Fund	600,000	600,000	600,000	600,000	600,000	3,000,000
050 Water and Sewer Fund	2,392,930	2,195,000	2,930,000	6,975,000	6,465,000	20,957,930
051 Village Parking System Fund	150,000	400,000	150,000	150,000	150,000	1,000,000
GRAND TOTAL	11,551,775	10,351,720	12,183,608	15,225,800	15,880,600	65,193,503

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PROJECTS BY FUNDING SOURCE

Source	Project#	Priority	2016	2017	2018	2019	2020	Total
001 General Fund								
Physical Fitness Treadmills	FD700.0-AN	2	12,500	12,500				25,000
Extend Video Conferencing to EOC	ITFD002.0-16	4	1,000					1,000
Police Department Computer Workstations	ITPD001.0-16	1	5,600					5,600
Tablet for Investigations	ITPD003.0-16	2	2,500					2,500
SharePoint Online	ITPD006.0-16	2	5,400					5,400
Customer Service Interface - Hansen-Vlg Website	ITPW001.0-16	3			10,000			10,000
GeoCortex Laserfiche Interface	ITPW002.0-16	3		5,000				5,000
Public Works Laptops	ITPW003.0-16	3		2,930				2,930
Login Script Replacement	ITVA001.0-16	3	8,400					8,400
Microsoft Server Licenses	ITVA005.0-16	2	13,545	14,100				27,645
SharePoint Online	ITVA006.0-16	2		11,340				11,340
Emergency Vehicle Preemption System Replacement	PWEN002.0-16	3	135,000	135,000	135,000			405,000
Rand-Central-MP Road Study	PWEN006.0-16	2	200,000	400,000				600,000
Rand-Elmhurst-Kensington Road Study	PWEN007.0-16	2	200,000		400,000			600,000
Traffic Signal Generator Connections	PWEN009.0-16	3					255,000	255,000
Downtown Intersections Study	PWEN010.0-16	2	200,000			400,000		600,000
New Sidewalks	PWEN801.0-AN	2	140,000	160,000	190,000	210,000		700,000
Sidewalk Cost Share Program	PWEN802.0-AN	3	88,400	90,200	92,000	93,800	95,600	460,000
Ash Replacement Plantings	PWFO001.0-16	3	85,000	40,000				125,000
Ash Tree and Stump Removals	PWFO002.0-16	2	114,500	47,000				161,500
Prospect Ave. Block Wall Construction	PWFO003.0-16	4		40,000	40,000	25,000		105,000
Tree Planting Program	PWFO801.0-AN	2	179,000	196,000	216,000	237,000	261,000	1,089,000
001 General Fund Total			1,390,845	1,154,070	1,083,000	965,800	611,600	5,205,315
020 Capital Improvement Fund								
Pedestrian Improvement-Central/NWHWY/Prospect Ave	CD002.0-16	3		200,000	200,000			400,000
Pedestrian Improvement - Prospect/Main/Evergreen	CD003.0-16	3		200,000				200,000
Corridor Improvements	CD400.0-AN	4			200,000	200,000	200,000	600,000
Active Shooter/RTF	FD001.0-16	3	20,000					20,000
Large Diameter Hose & Appliances	FD002.0-16	1	25,000					25,000
Village Warning Sirens	FD003.0-16	3			90,000			90,000
Cardiac Monitors	FD004.0-16	1		250,000				250,000
Fire Safety Trailer	FD005.0-16	3			75,000			75,000
Powered EMS Stretchers & Stair Chairs	FD006.0-16	5			320,000			320,000
SCBA facepieces	FD007.0-16	1				63,000		63,000
Surface Supplied Air System	FD009.0-16	2					32,000	32,000
Instant Messaging	ITHS001.0-16	5			26,512			26,512
Coplog Electronic Reporting Software	ITPD002.0-16	3		20,000				20,000
License Plate Recognition (LPR)	ITPD004.0-16	3			45,000			45,000
Mobile Ticket Writer	ITPD005.0-16	3			16,096			16,096
Increase Bandwidth to Outlying Fire Stations	ITVA002.0-16	1	39,000	52,000				91,000
Microsoft Office Suite	ITVA003.0-16	1	85,000					85,000
Telephone Call Accounting System	ITVA004.0-16	1	27,000					27,000

Source	Project#	Priority	2016	2017	2018	2019	2020	Total
Administrative Section Renovation	PD001.0-16	2			500,000			500,000
Roll Call and Kitchenette Renovation	PD002.0-16	3			70,000			70,000
Lobby and Lobby Restrooms Renovation	PD003.0-16	3				115,000		115,000
Evidence Lab Renovation	PD004.0-16	3				200,000		200,000
HVAC Upgrade Village Hall	PWBU001.0-16	4					630,000	630,000
Public Safety Garage Sprinkler	PWBU002.0-16	2		48,000				48,000
Public Safety Training Room Rehab	PWBU004.0-16	4			86,000			86,000
Public Safety Exterior Imp - Planter Bed Removal	PWBU005.0-16	3					30,000	30,000
Public Safety Exterior Imp-Tuckpoint & Power Wash	PWBU006.0-16	3					40,000	40,000
Public Safety Exterior Imp-Window Replacement	PWBU007.0-16	3			230,000			230,000
Fire Station #12 Apparatus Floor	PWBU008.0-16	3					45,000	45,000
Fire Station #13 Apparatus Floor	PWBU009.0-16	3					75,000	75,000
Fire Station #13 Bathrooms	PWBU010.0-16	3					45,000	45,000
Public Works Roof Repair	PWBU011.0-16	2	1,270,000					1,270,000
Public Works Facility Exterior	PWBU012.0-16	3				200,000	75,000	275,000
Public Works Fire Alarm Upgrade	PWBU013.0-16	3				35,000		35,000
Village Hall Window Replacement	PWBU014.0-16	5					255,000	255,000
Other Public Buildings	PWBU800.0-AN	3	155,000	100,000	160,000	165,000	165,000	745,000
HVAC Replacement Program	PWBU801.0-AN	2	50,000	25,000	275,000	25,000	25,000	400,000
KBC Jogging Path Rehab	PWEN003.0-16	2	205,000					205,000
Detention Pond Improvement - Pond 1	PWFC002.0-16	2					100,000	100,000
Detention Pond Improvement - Pond 2	PWFC003.0-16	2				760,000		760,000
Detention Pond Improvement - Pond 6	PWFC004.0-16	2		280,000				280,000
Detention Pond Improvement - Pond 6A	PWFC005.0-16	2			290,000			290,000
Detention Pond Improvement - Pond 8	PWFC006.0-16	2					500,000	500,000
Parking Lot Improvements	PWPA001.0-16	3				25,000		25,000
Streetlight Improvements	PWST800.0-AN	3	60,000	75,000	75,000	75,000	75,000	360,000
Streetlight Improvements LED Retrofits	PWST801.0-AN	4			50,000	50,000	50,000	150,000
Vehicle Lifts	PWVE002.0-16	4			135,000	140,000		275,000
Playback System Upgrade to HD	VA001.0-16	3		35,650				35,650
020 Capital Improvement Fund Total			1,936,000	1,285,650	2,843,608	2,053,000	2,342,000	10,460,258

022 Downtown Redevelopment Constr

Pedestrian Improvement - Busse Rd/Main Street	CD001.0-16	2	100,000					100,000
Façade and Interior Buildout Program	CD401.0-AN	2	100,000	100,000	100,000	100,000	100,000	500,000
Streetscape Improvements	PWEN008.0-16	2		200,000				200,000
022 Downtown Redevelopment Construction Fund Total			200,000	300,000	100,000	100,000	100,000	800,000

023 Street Improvement Construction

Bike Route Sign Project	PWEN001.0-16	4	130,000					130,000
Northwest Hwy/Mount Prospect Road Bike Path	PWEN005.0-16	3	75,000					75,000
Street Improvement Program	PWEN803.0-AN	1	3,892,000	3,922,000	3,952,000	3,982,000	4,012,000	19,760,000
Traffic Calming	PWEN804.0-AN	4	50,000	50,000	50,000	50,000	50,000	250,000
023 Street Improvement Construction Fund Total			4,147,000	3,972,000	4,002,000	4,032,000	4,062,000	20,215,000

024 Flood Control Construction Fund

McDonald Creek Bank Stabilization	PWFC001.0-16	2				150,000	1,350,000	1,500,000
Storm Sewer Improvements - Lavergne/Catalpa	PWFC007.0-16	2	225,000					225,000
Storm Sewer Improvements - Palm/Cherrywood	PWFC008.0-16	2	225,000					225,000

Source	Project#	Priority	2016	2017	2018	2019	2020	Total
Weller Creek Silt Removal	PWFC009.0-16	3			30,000			30,000
Levee 37 Standby Emergency Generators	PWFC010.0-16	3		230,000	230,000			460,000
Emergency Pumping Levee 37	PWFC011.0-16	3	85,000					85,000
Neighborhood Drainage Improvements	PWFC800.0-AN	3	100,000	100,000	100,000	100,000	100,000	500,000
Storm Sewer Inspection Program	PWFC802.0-AN	2	100,000	100,000	100,000	100,000	100,000	500,000
024 Flood Control Construction Fund Total			735,000	430,000	460,000	350,000	1,550,000	3,525,000

040 Refuse Fund

Customer Service Interface - Hansen-Vlg Website	ITPW001.0-16	3			15,000			15,000
GeoCortex Laserfiche Interface	ITPW002.0-16	3		15,000				15,000
040 Refuse Fund Total				15,000	15,000			30,000

041 Motor Fuel Tax Fund

Street Improvement Program	PWEN803.0-AN	1	550,000	550,000	550,000	550,000	550,000	2,750,000
Traffic Signal Replacement Engineering	PWEN805.0-AN	4	50,000	50,000	50,000	50,000	50,000	250,000
041 Motor Fuel Tax Fund Total			600,000	600,000	600,000	600,000	600,000	3,000,000

050 Water and Sewer Fund

Customer Service Interface - Hansen-Vlg Website	ITPW001.0-16	3			15,000			15,000
GeoCortex Laserfiche Interface	ITPW002.0-16	3		10,000				10,000
Public Works Laptops	ITPW003.0-16	3	2,930					2,930
Locating & Leak Detection Equipment	PWWS001.0-16	3	80,000					80,000
Televising Camera System Upgrades	PWWS002.0-16	3		80,000	90,000			170,000
Water Facility Roof Rehab-Well House #4	PWWS003.0-16	3	65,000					65,000
Water Facility Roof Rehab-Station #11	PWWS004.0-16	3		70,000				70,000
Water Facility Roof Rehab-Station #16	PWWS005.0-16	3			70,000			70,000
Water Tank Rehabilitation-Reservoir 5-1	PWWS006.0-16	2			675,000			675,000
Water Tank Rehabilitation-Reservoir 17	PWWS007.0-16	2	650,000					650,000
Wireless Telemetry System Remote Pressure Stations	PWWS008.0-16	2	65,000	65,000	65,000	65,000	65,000	325,000
Wireless Telemetry System Upgrade-PLC Upgrades	PWWS009.0-16	1		40,000	40,000	40,000	40,000	160,000
Wireless Telemetry System Upgrade-VFD Replacement	PWWS011.0-16	1				50,000	50,000	100,000
Deep Well Rehabilitation - Well #16	PWWS012.0-16	2		375,000				375,000
Deep Well Rehabilitation - Well #17	PWWS013.0-16	2				410,000		410,000
Hydro Excavator	PWWS014.0-16	4			115,000			115,000
Lift Relief Station Rehab - Louis Street	PWWS015.0-16	1	350,000					350,000
Lift Relief Station Rehab - William Street	PWWS016.0-16	2		350,000				350,000
Lift Relief Station Rehab - Huntington	PWWS017.0-16	3			650,000			650,000
Lift Relief Station Rehab - Fairview	PWWS018.0-16	3				450,000		450,000
Lift Relief Station Rehab - Lincoln Street	PWWS019.0-16	3					350,000	350,000
Water Main Replacement	PWWS800.0-AN	1	600,000	600,000	600,000	4,900,000	4,900,000	11,600,000
Sewer Main Rehabilitation	PWWS801.0-AN	2	525,000	550,000	550,000	1,000,000	1,000,000	3,625,000
Booster Station Pump Rehabilitation	PWWS803.0-AN	2	55,000	55,000	60,000	60,000	60,000	290,000
050 Water and Sewer Fund Total			2,392,930	2,195,000	2,930,000	6,975,000	6,465,000	20,957,930

051 Village Parking System Fund

Public Safety Parking Deck Maintenance	PWBU003.0-16	2		250,000				250,000
Village Hall Parking Deck Maintenance	PWPA800.0-AN	3	50,000	50,000	50,000	50,000	50,000	250,000
Village Hall Parking Deck Maintenance - Painting	PWPA802.0-AN	3	100,000	100,000	100,000	100,000	100,000	500,000

Source	Project#	Priority	2016	2017	2018	2019	2020	Total
051 Village Parking System Fund Total			150,000	400,000	150,000	150,000	150,000	1,000,000
GRAND TOTAL			11,551,775	10,351,720	12,183,608	15,225,800	15,880,600	65,193,503

Village of Mount Prospect, Illinois
 2016 - 2020 Capital Improvement Plan
 2016 thru 2020

PROJECTS BY DEPARTMENT

Department	Project#	Priority	2016	2017	2018	2019	2020	Total
Community Development								
Pedestrian Improvement - Busse Rd/Main Street	CD001.0-16	2	100,000					100,000
Pedestrian Improvement-Central/NWHWY/Prospect Ave	CD002.0-16	3		200,000	200,000			400,000
Pedestrian Improvement - Prospect/Main/Evergreen	CD003.0-16	3		200,000				200,000
Corridor Improvements	CD400.0-AN	4			200,000	200,000	200,000	600,000
Façade and Interior Buildout Program	CD401.0-AN	2	100,000	100,000	100,000	100,000	100,000	500,000
Community Development Total			200,000	500,000	500,000	300,000	300,000	1,800,000
GRAND TOTAL			200,000	500,000	500,000	300,000	300,000	1,800,000

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Village of Mount Prospect, Illinois

Department Community Development

Contact Dir of Community Dev

Type Infrastructure

Useful Life

Category 704 Street Const & Reconst

Priority 2 Very Important

Project # **CD001.0-16**
 Project Name **Pedestrian Improvement - Busse Rd/Main Street**

New/Established Established

Tech Plan Y/N No

Description **Total Project Cost: \$100,000**
 Physical improvements within the downtown area to improve pedestrian crossing and walkability of the area including relocating crosswalks, installing medians, etc.

Justification
 The Downtown Implementation Plan was adopted by the Village Board in 2013 to guide future development and improvements within the downtown core area. A directive of the implementation plan was to review pedestrian crossings within the downtown area and to explore options to improve the safety of these crossings.

Expenditures	2016	2017	2018	2019	2020	Total
Construction/Maintenance	100,000					100,000
Total	100,000					100,000

Funding Sources	2016	2017	2018	2019	2020	Total
022 Downtown Redevelopment Construction Fund	100,000					100,000
Total	100,000					100,000

Budget Impact/Other
 Negligible.

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Community Development

Village of Mount Prospect, Illinois

Contact Dir of Community Dev

Project #	CD002.0-16
Project Name	Pedestrian Improvement-Central/NWHWY/Prospect Ave

Type Infrastructure

Useful Life

Category 704 Street Const & Reconst

New/Established Established

Tech Plan Y/N No

Priority 3 Important

Description	Total Project Cost: \$400,000
Physical improvements within the downtown area to improve pedestrian crossing and walkability of the area including relocating crosswalks, installing medians, etc.	

Justification
The Downtown Implementation Plan was adopted by the Village Board in 2013 to guide future development and improvements within the downtown core area. A directive of the implementation plan was to review pedestrian crossings within the downtown area and to explore options to improve the safety of these crossings.

Expenditures	2016	2017	2018	2019	2020	Total
Construction/Maintenance		200,000	200,000			400,000
Total		200,000	200,000			400,000

Funding Sources	2016	2017	2018	2019	2020	Total
020 Capital Improvement Fund		200,000	200,000			400,000
Total		200,000	200,000			400,000

Budget Impact/Other
Negligible.

2016 - 2020 Capital Improvement Plan

2016 *thru* 2020

Department Community Development

Contact Dir of Community Dev

Type Infrastructure

Useful Life

Category 704 Street Const & Reconst

Priority 3 Important

Village of Mount Prospect, Illinois

Project #	CD003.0-16
Project Name	Pedestrian Improvement - Prospect/Main/Evergreen

New/Established Established

Tech Plan Y/N No

Description	Total Project Cost: \$200,000
Physical improvements within the downtown area to improve pedestrian crossing and walkability of the area including relocating crosswalks, installing medians, etc.	

Justification
The Downtown Implementation Plan was adopted by the Village Board in 2013 to guide future development and improvements within the downtown core area. A directive of the implementation plan was to review pedestrian crossings within the downtown area and to explore options to improve the safety of these crossings.

Expenditures	2016	2017	2018	2019	2020	Total
Construction/Maintenance		200,000				200,000
Total		200,000				200,000

Funding Sources	2016	2017	2018	2019	2020	Total
020 Capital Improvement Fund		200,000				200,000
Total		200,000				200,000

Budget Impact/Other
Negligible.

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Village of Mount Prospect, Illinois

Department Community Development

Contact Dir of Community Dev

Type Unassigned

Useful Life

Category 704 Street Const & Reconst

Priority 4 Less Important

Project #	CD400.0-AN
Project Name	Corridor Improvements

New/Established Established

Tech Plan Y/N No

Description	Total Project Cost: \$600,000
<p>Parkway improvements, including trees, sod sidewalks, banners, etc., along the major commercial corridors in the Village as discussed in the corridor plans.</p>	

Justification
<p>The Corridor Improvement Plan was adopted by the Village Board in 2000 in an effort to improve the visual appearance of our commercial corridors. These improvements greatly enhance the commercial viability of these corridors by creating attractive areas that will encourage people to shop in Mount Prospect. In addition to the improvements in the public right of way, these funds would support a façade upgrade program for commercial properties outside of the TIF area. This program would provide matching grants for business/property owners to upgrade their buildings and grounds further enhancing the Village's commercial corridors.</p>

Expenditures	2016	2017	2018	2019	2020	Total
Construction/Maintenance			200,000	200,000	200,000	600,000
Total			200,000	200,000	200,000	600,000

Funding Sources	2016	2017	2018	2019	2020	Total
020 Capital Improvement Fund			200,000	200,000	200,000	600,000
Total			200,000	200,000	200,000	600,000

Budget Impact/Other

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Community Development

Village of Mount Prospect, Illinois

Contact Dir of Community Dev

Project #	CD401.0-AN
Project Name	Façade and Interior Buildout Program

Type Unassigned
 Useful Life
 Category 710 Miscellaneous
 Priority 2 Very Important

New/Established Established Tech Plan Y/N No

Description	Total Project Cost: \$500,000
Matching grant programs to encourage private investment in existing properties in the Central Business District.	

Justification
The Village has supported the Façade and Interior Buildout program for the past several years in an effort to supplement the Village investment in the Central Business District. The Program provides matching grants to existing and prospective tenants to invest in the interior and exterior of downtown storefronts.

Expenditures	2016	2017	2018	2019	2020	Total
Other	100,000	100,000	100,000	100,000	100,000	500,000
Total	100,000	100,000	100,000	100,000	100,000	500,000

Funding Sources	2016	2017	2018	2019	2020	Total
022 Downtown Redevelopment Construction Fund	100,000	100,000	100,000	100,000	100,000	500,000
Total	100,000	100,000	100,000	100,000	100,000	500,000

Budget Impact/Other

Village of Mount Prospect, Illinois
 2016 - 2020 Capital Improvement Plan
 2016 thru 2020

PROJECTS BY DEPARTMENT

Department	Project#	Priority	2016	2017	2018	2019	2020	Total
Fire Department								
Active Shooter/RTF	FD001.0-16	3	20,000					20,000
Large Diameter Hose & Appliances	FD002.0-16	1	25,000					25,000
Village Warning Sirens	FD003.0-16	3			90,000			90,000
Cardiac Monitors	FD004.0-16	1		250,000				250,000
Fire Safety Trailer	FD005.0-16	3			75,000			75,000
Powered EMS Stretchers & Stair Chairs	FD006.0-16	5			320,000			320,000
SCBA facepieces	FD007.0-16	1				63,000		63,000
Surface Supplied Air System	FD009.0-16	2					32,000	32,000
Physical Fitness Treadmills	FD700.0-AN	2	12,500	12,500				25,000
Fire Department Total			57,500	262,500	485,000	63,000	32,000	900,000
GRAND TOTAL			57,500	262,500	485,000	63,000	32,000	900,000

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Fire Department

Village of Mount Prospect, Illinois

Contact Deputy Fire Chief

Project #	FD001.0-16
Project Name	Active Shooter/RTF

Type Equipment & Furnishings

Useful Life 5 years

Category 709 Furnishings & Non-Auto E

New/Established New

Tech Plan Y/N No

Priority 3 Important

Description	Total Project Cost: \$20,000
Protective equipment needed to respond to an active shooter incident. Includes ten sets of ballistic helmets, vests and goggles as well as medical equipment to treat patients with gunshot related trauma.	

Justification
In response to current events throughout the country, the Fire Department has been working with the Police Department to develop a Rescue Task Force (RTF) plan for active shooter incidents. The RTF approach allows paramedics (accompanied by police) to enter the "warm zone" of an active shooter incident to provide victims with lifesaving treatment. This purchase will provide paramedics with the equipment necessary to operate under the RTF model, resulting in more lives saved. In addition, it will ensure that the Department's paramedics are able to continue to provide high-value, relevant municipal services as outlined in the Governance goal of the Village's Strategic Plan.
The Fire Department has applied for a \$10,000 grant through the Commonwealth Edison Public Safety Grant Fund to help offset these costs.
We have also applied for a grant to offset this expenditure by \$10,000 through the Com Ed Public Safety Grant Fund.

Expenditures	2016	2017	2018	2019	2020	Total
Equip/Vehicles/Furnishings	20,000					20,000
Total	20,000					20,000

Funding Sources	2016	2017	2018	2019	2020	Total
020 Capital Improvement Fund	20,000					20,000
Total	20,000					20,000

Budget Impact/Other

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Village of Mount Prospect, Illinois

Department Fire Department
 Contact Deputy Fire Chief
 Type Equipment & Furnishings
 Useful Life 20 years
 Category 709 Furnishings & Non-Auto E
 Priority I Critical

Project # **FD002.0-16**
 Project Name **Large Diameter Hose & Appliances**

New/Established New Tech Plan Y/N N/A

Description **Total Project Cost: \$25,000**
 Replace all non-locking large diameter hose and related appliances on all engines and Tower 13.

Justification
 The new NFPA 1962 standard for fire hose and appliances requires all new large diameter hose and appliances to have locking mechanisms. The Fire Department has over 800 feet of large diameter hose and a number of appliances that need to be replaced to bring us into compliance with this new standard. This project aligns with the Governance goal of the Village's Strategic Plan, in that it will allow the Fire Department to provide residents with high-value, relevant municipal services.

Expenditures	2016	2017	2018	2019	2020	Total
Equip/Vehicles/Furnishings	25,000					25,000
Total	25,000					25,000

Funding Sources	2016	2017	2018	2019	2020	Total
020 Capital Improvement Fund	25,000					25,000
Total	25,000					25,000

Budget Impact/Other
 None

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Fire Department

Village of Mount Prospect, Illinois

Contact Deputy Fire Chief

Project #	FD003.0-16
Project Name	Village Warning Sirens

Type Infrastructure

Useful Life 15 years

Category 710 Miscellaneous

New/Established Established

Tech Plan Y/N N/A

Priority 3 Important

Description	Total Project Cost: \$90,000
Replace the Village's six existing warning sirens.	

Justification
The Village's current warning sirens were installed in 1990 and will need to be replaced with newer equipment. The sirens are monitored by an outside vendor 24 hours a day and any issues/problems are immediately reported and the equipment repaired as needed. It has been recommended that all six sirens be replaced at the same time, to ensure the technology is uniform for all equipment. The Fire Department will continue to monitor the maintenance records and condition of the sirens to determine a recommended year for replacement. This project aligns with the Governance goal of the Village's Strategic Plan, in that it will allow the Fire Department to provide residents with high-value, relevant municipal services.

Expenditures	2016	2017	2018	2019	2020	Total
Other			90,000			90,000
Total			90,000			90,000

Funding Sources	2016	2017	2018	2019	2020	Total
020 Capital Improvement Fund			90,000			90,000
Total			90,000			90,000

Budget Impact/Other
Annual maintenance \$3,500

Budget Items	2016	2017	2018	2019	2020	Total
Contractual Services	3,500	3,500	3,500	3,500	3,500	17,500
Total	3,500	3,500	3,500	3,500	3,500	17,500

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Fire Department

Contact Deputy Fire Chief

Village of Mount Prospect, Illinois

Type Equipment & Furnishings

Useful Life 5 years

Category 709 Furnishings & Non-Auto E

Priority 1 Critical

Project #	FD004.0-16
Project Name	Cardiac Monitors

New/Established Established

Tech Plan Y/N N/A

Description	Total Project Cost: \$250,000
Five cardiac monitors/defibrillators for the ambulances.	

Justification
Cardiac monitors/defibrillators are used on a daily basis by paramedics and are considered one of their core pieces of equipment. The current equipment was purchased in 2008 through a grant. In 2012, the Department was able to recondition the existing monitors, which extended their life to 2017. The purchase of this equipment will ensure that the Department's paramedics are able to continue to provide high-value, relevant municipal services as outlined in the Governance goal of the Village's Strategic Plan.

Expenditures	2016	2017	2018	2019	2020	Total
Equip/Vehicles/Furnishings		250,000				250,000
Total		250,000				250,000

Funding Sources	2016	2017	2018	2019	2020	Total
020 Capital Improvement Fund		250,000				250,000
Total		250,000				250,000

Budget Impact/Other
None

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Fire Department

Village of Mount Prospect, Illinois

Contact Deputy Fire Chief

Project #	FD005.0-16
Project Name	Fire Safety Trailer

Type Vehicles
 Useful Life 15 years
 Category 708 Vehicles and Auto Equip
 Priority 3 Important

New/Established New

Tech Plan Y/N N/A

Description	Total Project Cost: \$75,000
Replace the fire safety trailer used by the Fire Prevention Bureau for public education programs.	

Justification
The Department's current fire safety trailer was purchased in 2001 and is used to conduct a wide range of public education programs throughout the community. The trailer is specifically used to provide on-site fire and life safety education to school children ranging from kindergarten through fifth grade. The trailer needs to be replaced as it has been requiring costly maintenance over the past few years. In addition, the roof has begun degrading and is cost-prohibitive to repair.
The Department is requesting to purchase a new trailer with additional features and upgraded audio-visual equipment. This will allow the Fire Prevention Bureau to conduct additional fire and life safety education programs. This project aligns with the Cultural Climate goal of the Village's Strategic Plan, in that it will help the Fire Department better engage residents and businesses in its public education programs.

Expenditures	2016	2017	2018	2019	2020	Total
Equip/Vehicles/Furnishings			75,000			75,000
Total	75,000					75,000

Funding Sources	2016	2017	2018	2019	2020	Total
020 Capital Improvement Fund			75,000			75,000
Total	75,000					75,000

Budget Impact/Other

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Fire Department

Village of Mount Prospect, Illinois

Contact Deputy Fire Chief

Project #	FD006.0-16
Project Name	Powered EMS Stretchers & Stair Chairs

Type Equipment & Furnishings

Useful Life 10 years

Category 709 Furnishings & Non-Auto E

New/Established New

Tech Plan Y/N N/A

Priority 5 Future Consideration

Description	Total Project Cost: \$320,000
Powered EMS stretchers and stair chairs used to transport patients.	

Justification
Powered stretchers and stair chairs eliminate the need to lift patients in and out of ambulances as well as carry patients up and down stairs. In turn, this equipment should help the Department reduce the frequency and severity of back injuries. The Department is proposing to purchase five powered stretchers and five stair chairs, including all related equipment, which will provide one set for each ambulance and maintain one spare. This project aligns with the Governance goal of the Village's Strategic Plan, in that it will allow the Fire Department to provide residents with high-value, relevant municipal services.

Expenditures	2016	2017	2018	2019	2020	Total
Equip/Vehicles/Furnishings			320,000			320,000
Total			320,000			320,000

Funding Sources	2016	2017	2018	2019	2020	Total
020 Capital Improvement Fund			320,000			320,000
Total			320,000			320,000

Budget Impact/Other
None

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Fire Department

Village of Mount Prospect, Illinois

Contact Deputy Fire Chief

Project #	FD007.0-16
Project Name	SCBA facepieces

Type Equipment & Furnishings

Useful Life 15 years

Category 709 Furnishings & Non-Auto E

New/Established New

Tech Plan Y/N N/A

Priority 1 Critical

Description	Total Project Cost: \$63,000
Replacement SCBA facepieces with voice amplification and internal displays.	

Justification
Each firefighter is provided with their own SCBA facepiece as part of the Department's Respiratory Protection Plan. The current SCBA facepieces were purchased in 2000 and will reach their useful life expectancy in 2019. The purchase of this equipment will ensure that the Department's firefighters are able to continue to provide high-value, relevant municipal services as outlined in the Governance goal of the Village's Strategic Plan.

Expenditures	2016	2017	2018	2019	2020	Total
Equip/Vehicles/Furnishings				63,000		63,000
Total				63,000		63,000

Funding Sources	2016	2017	2018	2019	2020	Total
020 Capital Improvement Fund				63,000		63,000
Total				63,000		63,000

Budget Impact/Other
None

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Fire Department

Village of Mount Prospect, Illinois

Contact Deputy Fire Chief

Project #	FD009.0-16
Project Name	Surface Supplied Air System

Type Equipment & Furnishings

Useful Life 10 years

Category 709 Furnishings & Non-Auto E

New/Established New

Tech Plan Y/N N/A

Priority 2 Very Important

Description	Total Project Cost: \$32,000
A surface supplied air system, for use by Department divers during water rescue incidents.	

Justification
A surface supplied air system provides two divers with an unlimited supply of air from the surface during water rescue incidents. The equipment is built as an all-in-one system, which protects divers from water contaminants. It also allows for communication between the divers and personnel on shore. This project aligns with the Governance goal of the Village's Strategic Plan, in that it will allow the Fire Department to provide residents with high-value, relevant municipal services.

Expenditures	2016	2017	2018	2019	2020	Total
Equip/Vehicles/Furnishings					32,000	32,000
Total					32,000	32,000

Funding Sources	2016	2017	2018	2019	2020	Total
020 Capital Improvement Fund					32,000	32,000
Total					32,000	32,000

Budget Impact/Other

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Fire Department

Village of Mount Prospect, Illinois

Contact Deputy Fire Chief

Project #	FD700.0-AN
Project Name	Physical Fitness Treadmills

Type Equipment & Furnishings

Useful Life 5 years

Category 709 Furnishings & Non-Auto E

New/Established Established

Tech Plan Y/N N/A

Priority 2 Very Important

Description	Total Project Cost: \$25,000
Replace treadmills at all three fire stations (part of a three year replacement plan).	

Justification
In an effort to promote health and longevity and reduce the frequency and severity of injuries and illnesses, firefighters are required to complete an hour of physical fitness training every day. As a result, each fire station is equipped with physical fitness equipment including commercial grade treadmills, which are heavily utilized. This project aligns with the Governance goal of the Village's Strategic Plan, in that it will allow the Fire Department to provide residents with high-value, relevant municipal services.

Expenditures	2016	2017	2018	2019	2020	Total
Equip/Vehicles/Furnishings	12,500	12,500				25,000
Total	12,500	12,500				25,000

Funding Sources	2016	2017	2018	2019	2020	Total
001 General Fund	12,500	12,500				25,000
Total	12,500	12,500				25,000

Budget Impact/Other
Maintenance

Budget Items	2016	2017	2018	2019	2020	Total
Contractual Services	1,000	1,000	1,000	1,000	1,000	5,000
Total	1,000	1,000	1,000	1,000	1,000	5,000

Village of Mount Prospect, Illinois
 2016 - 2020 Capital Improvement Plan
 2016 thru 2020

PROJECTS BY DEPARTMENT

Department	Project#	Priority	2016	2017	2018	2019	2020	Total
Information Technology								
Extend Video Conferencing to EOC	ITFD002.0-16	4	1,000					1,000
Instant Messaging	ITHS001.0-16	5			26,512			26,512
Police Department Computer Workstations	ITPD001.0-16	1	5,600					5,600
Coplogic Electronic Reporting Software	ITPD002.0-16	3		20,000				20,000
Tablet for Investigations	ITPD003.0-16	2	2,500					2,500
License Plate Recognition (LPR)	ITPD004.0-16	3			45,000			45,000
Mobile Ticket Writer	ITPD005.0-16	3			16,096			16,096
SharePoint Online	ITPD006.0-16	2	5,400					5,400
Customer Service Interface - Hansen-Vlg Website	ITPW001.0-16	3			40,000			40,000
GeoCortex Laserfiche Interface	ITPW002.0-16	3		30,000				30,000
Public Works Laptops	ITPW003.0-16	3	2,930	2,930				5,860
Login Script Replacement	ITVA001.0-16	3	8,400					8,400
Increase Bandwidth to Outlying Fire Stations	ITVA002.0-16	1	39,000	52,000				91,000
Microsoft Office Suite	ITVA003.0-16	1	85,000					85,000
Telephone Call Accounting System	ITVA004.0-16	1	27,000					27,000
Microsoft Server Licenses	ITVA005.0-16	2	13,545	14,100				27,645
SharePoint Online	ITVA006.0-16	2		11,340				11,340
Information Technology Total			190,375	130,370	127,608			448,353
GRAND TOTAL			190,375	130,370	127,608			448,353

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Information Technology

Village of Mount Prospect, Illinois

Contact Deputy Fire Chief

Project # **ITFD002.0-16**
 Project Name **Extend Video Conferencing to EOC**

Type Unassigned

Useful Life 5 years

Category 707 Computer HW/SW

New/Established New

Tech Plan Y/N Yes

Priority 4 Less Important

Description **Total Project Cost: \$1,000**
 Logitech ConferenceCam and OneScreen Subscription

Justification
 Clary OneScreen and Logitech ConferenceCams are currently used at the three fire stations. This purchase extends functionality to the EOC.
 \$1000 for equipment
 \$1600/year for subscription to service

Expenditures	2016	2017	2018	2019	2020	Total
Computer Software/Hardware	1,000					1,000
Total	1,000					1,000

Funding Sources	2016	2017	2018	2019	2020	Total
001 General Fund	1,000					1,000
Total	1,000					1,000

Budget Impact/Other
 Annual subscription required.

Budget Items	2016	2017	2018	2019	2020	Total
Commodities & Supplies	1,600	1,600	1,600	1,600	1,600	8,000
Total	1,600	1,600	1,600	1,600	1,600	8,000

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Information Technology

Village of Mount Prospect, Illinois

Contact IT Director

Project # **ITHS001.0-16**
 Project Name **Instant Messaging**

Type Unassigned

Useful Life

Category 707 Computer HW/SW

New/Established New

Tech Plan Y/N Yes

Priority 5 Future Consideration

Description **Total Project Cost: \$26,512**
 Provide instant messaging to Village staff.

Justification
 The Mount Prospect Library has provided licenses to some members of the Human Services staff to improve communication, particularly at the Community Connections Center. Human Services has found this functionality to be useful for quick messages, sometimes to inform other staff of a potential security situation. To be placed in the information technology budget.
 Price is based on 300 users

Expenditures	2016	2017	2018	2019	2020	Total
Computer Software/Hardware			26,512			26,512
Total			26,512			26,512

Funding Sources	2016	2017	2018	2019	2020	Total
020 Capital Improvement Fund			26,512			26,512
Total			26,512			26,512

Budget Impact/Other
 Support 20% of purchase price

Budget Items	2016	2017	2018	2019	2020	Total
Contractual Services				5,300	5,300	10,600
Total				5,300	5,300	10,600

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Information Technology

Village of Mount Prospect, Illinois

Contact Deputy Chief of Admin

Project # ITPD001.0-16
 Project Name Police Department Computer Workstations

Type Unassigned

Useful Life 5 years

Category 707 Computer HW/SW

New/Established Established

Tech Plan Y/N Yes

Priority 1 Critical

Description **Total Project Cost: \$5,600**
 This 3-year project commenced in 2014 and included a total of thirteen new computer workstations to the replacement schedule. This is the final year of the project. These computers will replace repurposed computers that are not on the replacement schedule.

Justification
 The department needs to provide computer workstations capable of meeting the needs of police personnel when completing police reports, querying databases during criminal investigations, using digital photography related to crime scenes, and completing mandated training. Due to this increased operational need to perform routine tasks, the police department is requesting these computer workstations to be added to the replacement schedule. 2016 Request: (4) Workstations (including hardware and software).

Expenditures	2016	2017	2018	2019	2020	Total
Computer Software/Hardware	5,600					5,600
Total	5,600					5,600

Funding Sources	2016	2017	2018	2019	2020	Total
001 General Fund	5,600					5,600
Total	5,600					5,600

Budget Impact/Other
 Impact to Annual Lease Payments (IT)

Budget Items	2016	2017	2018	2019	2020	Total
Other Expenditures		1,036	1,036	1,036	1,036	4,144
Total		1,036	1,036	1,036	1,036	4,144

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Information Technology

Village of Mount Prospect, Illinois

Contact Deputy Chief of Admin

Project# ITPD002.0-16
 Project Name Coplogic Electronic Reporting Software

Type Unassigned

Useful Life 5 years

Category 707 Computer HW/SW

New/Established New

Tech Plan Y/N Yes

Priority 3 Important

Description **Total Project Cost: \$20,000**
 The Police Dept. will implement an online reporting system where residents will have the option to self-report minor offenses electronically, without requirement of meeting officer in person. This system will provide enhanced customer service.

Justification
 The Coplogic online reporting system will provide the dept. with an efficient program for citizens to report minor crimes with a user-friendly interface. This system will enhance the dept.'s ability to provide excellent customer service, while at the same time significantly reducing the time officers spend handling minor incidents. The system is designed to seamlessly interface with the dept.'s records management system; reducing the amount of time records personnel must spend processing reports. The Coplogic online system will greatly enhance the professional service delivery and efficiency of the Mount Prospect PD.

Expenditures	2016	2017	2018	2019	2020	Total
Computer Software/Hardware		20,000				20,000
Total		20,000				20,000

Funding Sources	2016	2017	2018	2019	2020	Total
020 Capital Improvement Fund		20,000				20,000
Total		20,000				20,000

Budget Impact/Other
 Maintenance Agreement

Budget Items	2016	2017	2018	2019	2020	Total
Contractual Services		15,000	15,000	15,000	15,000	60,000
Total		15,000	15,000	15,000	15,000	60,000

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Information Technology

Village of Mount Prospect, Illinois

Contact Deputy Chief of Admin

Project #	ITPD003.0-16
Project Name	Tablet for Investigations

Type Unassigned

Useful Life 5 years

Category 707 Computer HW/SW

New/Established New

Tech Plan Y/N Yes

Priority 2 Very Important

Description	Total Project Cost: \$2,500
<p>The tablet will be used by investigators as a tool to enhance their efficiency in the field. The tablet will have internet access as well as access to the Mount Prospect network. It is portable and easy to use.</p>	

Justification
<p>A tablet will provide the Investigative Unit another resource to use while in the field. The tablet, which is the exact tablet to be used by patrol in their squads, will have the capabilities to access the internet. That access will allow investigators to easily tap into online databases, maps, pictures, and any other data they would need while away from the PD. In addition, because this tablet would be hooked up to the CAD System, the Investigators would have all the capabilities of an in squad computer. This tablet would provide the Investigative Section with necessary resources that could be used in the field.</p>

Expenditures	2016	2017	2018	2019	2020	Total
Computer Software/Hardware	2,500					2,500
Total	2,500					2,500

Funding Sources	2016	2017	2018	2019	2020	Total
001 General Fund	2,500					2,500
Total	2,500					2,500

Budget Impact/Other
<p>Air Card & Lease Payments Contractual Services Other Expenditures</p>

Budget Items	2016	2017	2018	2019	2020	Total
Contractual Services	510	510	510	510	510	2,550
Other Expenditures		616	616	616	616	2,464
Total	510	1,126	1,126	1,126	1,126	5,014

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Information Technology

Village of Mount Prospect, Illinois

Contact Deputy Chief of Admin

Project #	ITPD004.0-16
Project Name	License Plate Recognition (LPR)

Type Unassigned
 Useful Life 5 years
 Category 707 Computer HW/SW
 Priority 3 Important

New/Established New Tech Plan Y/N No

Description	Total Project Cost: \$45,000
<p>The LPR system, installed on a squad will constantly scan license plates as it patrols the downtown business district and adjacent neighborhoods. The LPR will alert an officer when a parking violation is detected to prompt enforcement.</p>	

Justification
<p>The Police Department is committed to providing the most effective and efficient police services to the community. The LPR will assist in being responsive to our downtown business owners and surrounding residential areas in enforcing the timed parking zones with the system's digital tire chalking. The LPR system will constantly scan license plates for criminal offenses that could go undetected. The LPR will greatly assist in our commitment to Law Enforcement.</p>

Expenditures	2016	2017	2018	2019	2020	Total
Computer Software/Hardware			45,000			45,000
Total			45,000			45,000

Funding Sources	2016	2017	2018	2019	2020	Total
020 Capital Improvement Fund			45,000			45,000
Total			45,000			45,000

Budget Impact/Other

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Information Technology

Village of Mount Prospect, Illinois

Contact Deputy Chief of Admin

Project #	ITPD005.0-16
Project Name	Mobile Ticket Writer

Type Unassigned

Useful Life 5 years

Category 707 Computer HW/SW

New/Established New

Tech Plan Y/N Yes

Priority 3 Important

Description	Total Project Cost: \$16,096
<p>The mobile computer would enable an officer to efficiently access the necessary information to produce a ticket without the need for a squad or ticket book. This could be used in conjunction with a license plate recognition (LPR) system.</p>	

Justification
<p>The mobile computer w/printer would be utilized to enforce the downtown district and residential timed parking zones. The mobile computer, in conjunction with a LPR would streamline the process of issuing tickets. It would enable an officer to remain mobile, while still being able to access necessary information to generate a parking ticket. This device would service the downtown businesses' increasing demand for strict parking enforcement as well as the surrounding residential neighborhoods. The Police Department's effectiveness and efficiency in the service to the community would be greatly enhanced.</p> <p>Mobile Computer \$12,500 Printer \$3,596</p>

Expenditures	2016	2017	2018	2019	2020	Total
Computer Software/Hardware			16,096			16,096
Total			16,096			16,096

Funding Sources	2016	2017	2018	2019	2020	Total
020 Capital Improvement Fund			16,096			16,096
Total			16,096			16,096

Budget Impact/Other
<p>Maintenance Agreement Contractual Services</p>

Budget Items	2016	2017	2018	2019	2020	Total
Contractual Services			1,250	1,250	1,250	3,750
Total			1,250	1,250	1,250	3,750

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Information Technology

Village of Mount Prospect, Illinois

Contact Deputy Chief of Admin

Project # ITPD006.0-16
 Project Name SharePoint Online

Type Unassigned
 Useful Life 5 years
 Category 707 Computer HW/SW
 Priority 2 Very Important

New/Established New

Tech Plan Y/N Yes

Total Project Cost: \$5,400

Description

SharePoint Online will allow the entire Police Department across all three shifts to share, communicate and coordinate their efforts to ensure information is disseminated to the proper source and then acted on appropriately and in a timely manner.

Justification

The Mount Prospect Police Department is moving towards an outcome based performance model. Paramount to this program is the collaboration and distribution of essential information across all three shifts and investigations. SharePoint will be implemented so officers, supervisors and investigators can clearly communicate with all members of the department to address both general and specific issues identified within the Village of Mount Prospect. SharePoint will provide the ability to monitor and evaluate how effective our actions were in achieving the goals and objectives identified. SharePoint will replace the department's intranet and the supervisor's log book. This is Phase 1 of a 2 year project. Phase 2 is for all other departments.

Expenditures	2016	2017	2018	2019	2020	Total
Computer Software/Hardware	5,400					5,400
Total	5,400					5,400

Funding Sources	2016	2017	2018	2019	2020	Total
001 General Fund	5,400					5,400
Total	5,400					5,400

Budget Impact/Other

Annual Subscription \$54/person/year
 Assume 100 users

Budget Items	2016	2017	2018	2019	2020	Total
Contractual Services		5,400	5,400	5,400	5,400	21,600
Total		5,400	5,400	5,400	5,400	21,600

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Information Technology

Village of Mount Prospect, Illinois

Contact Public Works Director

Project # **ITPW001.0-16**
 Project Name **Customer Service Interface - Hansen-Vlg Website**

Type Unassigned

Useful Life

Category 707 Computer HW/SW

New/Established New

Tech Plan Y/N Yes

Priority 3 Important

Description **Total Project Cost: \$40,000**

Implement Dynamic Portal, product developed by Hansen, that will allow residents to submit service requests via the Village's website. Service request submitted via the website would automatically generate a service request in the Hansen service request module.

Justification

Presently, the public works department receives a number of inquiries and requests for service via the Village web page (email link on webpage). These requests must be manually transposed to the Hansen customer service module for tracking and documentation. In order to reduce staff inefficiencies and improve customer service response, we propose to procure Hansen's Dynamic Portal, which would provide a direct software link between the Hansen customer service software and the Village web page.

Expenditures	2016	2017	2018	2019	2020	Total
Computer Software/Hardware			40,000			40,000
Total			40,000			40,000

Funding Sources	2016	2017	2018	2019	2020	Total
001 General Fund			10,000			10,000
040 Refuse Fund			15,000			15,000
050 Water and Sewer Fund			15,000			15,000
Total			40,000			40,000

Budget Impact/Other

Annual Software License

Budget Items	2016	2017	2018	2019	2020	Total
Contractual Services				3,000	3,000	6,000
Total				3,000	3,000	6,000

2016 - 2020 Capital Improvement Plan

2016 *thru* 2020

Department Information Technology

Village of Mount Prospect, Illinois

Contact Public Works Director

Project # ITPW002.0-16
Project Name GeoCortex Laserfiche Interface

Type Unassigned

Useful Life

Category 707 Computer HW/SW

New/Established New

Tech Plan Y/N Yes

Priority 3 Important

Description	Total Project Cost: \$30,000
Develop interface between Village wide intranet GIS application (GeoCortex) and LaserFiche document management application to improve access to records	

Justification
Develop an Village wide interface that will link LaserFiche images with parcels and/or spatial assets they pertain. Establish link between GeoCortex Essentials web based GIS and LaserFiche. This interface will enable end users to search for documents stored in LaserFiche spatially from the Village's web based GIS mapping software. Application will improve documentation, improve retrieval time, improve employees' access to documents, and improve staff efficiencies.

Expenditures	2016	2017	2018	2019	2020	Total
Computer Software/Hardware		30,000				30,000
Total		30,000				30,000

Funding Sources	2016	2017	2018	2019	2020	Total
001 General Fund		5,000				5,000
040 Refuse Fund		15,000				15,000
050 Water and Sewer Fund		10,000				10,000
Total		30,000				30,000

Budget Impact/Other

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Information Technology

Village of Mount Prospect, Illinois

Contact Public Works Director

Project #	ITPW003.0-16
Project Name	Public Works Laptops

Type Unassigned

Useful Life

Category 707 Computer HW/SW

New/Established Established

Tech Plan Y/N Yes

Priority 3 Important

Description	Total Project Cost: \$5,860
Procure semi-ruggedized laptop and appurtenances to facilitate mobile computing by foremen, pump man, service call rep., and field engineers.	

Justification
Access to mobile computing will allow key field-oriented personnel to improve decision making by reducing record retrieval rates and reducing the incidence of double-data entry.
2016 one new semi-rugged laptop for Service Call Technician
2017 One new semi-rugged laptop to be mounted in vehicle for Street Program Engineer

Expenditures	2016	2017	2018	2019	2020	Total
Computer Software/Hardware	2,930	2,930				5,860
Total	2,930	2,930				5,860

Funding Sources	2016	2017	2018	2019	2020	Total
001 General Fund		2,930				2,930
050 Water and Sewer Fund	2,930					2,930
Total	2,930	2,930				5,860

Budget Impact/Other

Budget Items	2016	2017	2018	2019	2020	Total
Contractual Services		940	1,880	1,880	1,880	6,580
Total		940	1,880	1,880	1,880	6,580

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Information Technology

Village of Mount Prospect, Illinois

Contact IT Director

Project #	ITVA001.0-16
Project Name	Login Script Replacement

Type Unassigned

Useful Life 5 years

Category 707 Computer HW/SW

New/Established New

Tech Plan Y/N Yes

Priority 3 Important

Description	Total Project Cost: \$8,400
Purchase Dell Desktop Authority or other software to manage login scripts, group policies, and desktop configurations.	

Justification
The Village has been using VBScript to map drives and printers when users log into the network. VBScript is no longer supported by Microsoft. Desktop Authority provides tools for granular management of drive mappings, printer mappings, group policies, and desktop applications. It also provides logs for better desktop troubleshooting.

Expenditures	2016	2017	2018	2019	2020	Total
Computer Software/Hardware	8,400					8,400
Total	8,400					8,400

Funding Sources	2016	2017	2018	2019	2020	Total
001 General Fund	8,400					8,400
Total	8,400					8,400

Budget Impact/Other
Support cost 20% of purchase price

Budget Items	2016	2017	2018	2019	2020	Total
Contractual Services		1,680	1,680	1,680	1,680	6,720
Total		1,680	1,680	1,680	1,680	6,720

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Information Technology

Village of Mount Prospect, Illinois

Contact IT Director

Project # **ITVA002.0-16**
 Project Name **Increase Bandwidth to Outlying Fire Stations**

Type Unassigned

Useful Life 5 years

Category 707 Computer HW/SW

New/Established New

Tech Plan Y/N Yes

Priority 1 Critical

Description **Total Project Cost: \$91,000**
 Point-to-Point Wireless provides the primary data connection to the outlying Fire Stations. There is also a T1 backup.

Justification
 Currently users at Stations 12 and 14 are only seeing network speeds of approximately 15 Mbps, which adversely affects operations. This is a 2-phase project. In year 1, the combined link between the water tower and Public Safety will be replaced, upgrading the links to 200 Mbps. In year 2, the links from the water tower to the outlying fire stations will be replaced upgrading throughput to the stations to 700 Mbps.
 Partial funding is also available in the Computer Replacement Fund which will reduce the amount funded by the Capital Improvement Fund.
 \$13,000 in 2016
 \$18,000 in 2017

Expenditures	2016	2017	2018	2019	2020	Total
Computer Software/Hardware	39,000	52,000				91,000
Total	39,000	52,000				91,000

Funding Sources	2016	2017	2018	2019	2020	Total
020 Capital Improvement Fund	39,000	52,000				91,000
Total	39,000	52,000				91,000

Budget Impact/Other
 Support Contract

Budget Items	2016	2017	2018	2019	2020	Total
Contractual Services			6,000	6,000	6,000	18,000
Total			6,000	6,000	6,000	18,000

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Information Technology

Village of Mount Prospect, Illinois

Contact IT Director

Project # **ITVA003.0-16**
 Project Name **Microsoft Office Suite**

Type Unassigned

Useful Life

Category 707 Computer HW/SW

New/Established New

Tech Plan Y/N Yes

Priority 1 Critical

Description	Total Project Cost: \$85,000
Upgrade Microsoft Office to the current version.	

Justification
The Village is currently using Microsoft Office 2010, for which Mainstream Support ends 10/13/2015. The current version is Office 2013. The next version, Office 2016 is scheduled to be available in late 2015. It is important to keep fairly current for compatibility reasons. Generally, the Village skips every other version to save money.

Expenditures	2016	2017	2018	2019	2020	Total
Computer Software/Hardware	85,000					85,000
Total	85,000					85,000

Funding Sources	2016	2017	2018	2019	2020	Total
020 Capital Improvement Fund	85,000					85,000
Total	85,000					85,000

Budget Impact/Other

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Information Technology

Village of Mount Prospect, Illinois

Contact IT Director

Project # **ITVA004.0-16**
 Project Name **Telephone Call Accounting System**

Type Unassigned

Useful Life 5 years

Category 707 Computer HW/SW

New/Established New

Tech Plan Y/N Yes

Priority I Critical

Description **Total Project Cost: \$27,000**
 Replace the Village's telephone Call Accounting software, Panic Button, and Paging software.

Justification
 Syn-Apps, the vendor who makes the Village's Call Accounting software has dropped their Call Accounting and Panic Button products. They will continue their product line for Paging only.

Expenditures	2016	2017	2018	2019	2020	Total
Computer Software/Hardware	27,000					27,000
Total	27,000					27,000

Funding Sources	2016	2017	2018	2019	2020	Total
020 Capital Improvement Fund	27,000					27,000
Total	27,000					27,000

Budget Impact/Other
 Annual maintenance cost \$2,400

Budget Items	2016	2017	2018	2019	2020	Total
Contractual Services		2,400	2,400	2,400	2,400	9,600
Total		2,400	2,400	2,400	2,400	9,600

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Information Technology

Village of Mount Prospect, Illinois

Contact IT Director

Project #	ITVA005.0-16
Project Name	Microsoft Server Licenses

Type Unassigned

Useful Life

Category 707 Computer HW/SW

New/Established Established

Tech Plan Y/N Yes

Priority 2 Very Important

Description	Total Project Cost: \$27,645
Microsoft server licenses. This is an on-going project to keep Microsoft server licenses current.	

Justification
2016 - Upgrade Windows Servers 7 Windows Server 2012 licenses 70 SQL CALs 2017 - Upgrade Logos.Net to Windows Server 2012 6 Windows Server 2012 licenses 300 user licenses 5 SQL Server 2012 licenses Information technology budget

Expenditures	2016	2017	2018	2019	2020	Total
Computer Software/Hardware	13,545	14,100				27,645
Total	13,545	14,100				27,645

Funding Sources	2016	2017	2018	2019	2020	Total
001 General Fund	13,545	14,100				27,645
Total	13,545	14,100				27,645

Budget Impact/Other

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Information Technology

Village of Mount Prospect, Illinois

Contact IT Director

Project #	ITVA006.0-16
Project Name	SharePoint Online

Type Unassigned

Useful Life 5 years

Category 707 Computer HW/SW

New/Established New

Tech Plan Y/N Yes

Priority 2 Very Important

Description	Total Project Cost: \$11,340
SharePoint Server to facilitate collaboration on cross-department initiatives.	

Justification
Sharepoint provides a means for departments to collaborate easily. Features include the ability to publish Access databases, share calendars, view dashboards, implement document versioning, and setup blogs. It can be used to document business processes and to provide access to other information that is essential to organizational goals and processes. This is Phase 2. Police SharePoint is Phase 1.
Information Technology Budget

Expenditures	2016	2017	2018	2019	2020	Total
Computer Software/Hardware		11,340				11,340
Total		11,340				11,340

Funding Sources	2016	2017	2018	2019	2020	Total
001 General Fund		11,340				11,340
Total		11,340				11,340

Budget Impact/Other
Annual Subscription \$54/person/year Assume 210 users

Budget Items	2016	2017	2018	2019	2020	Total
Contractual Services			11,340	11,340	11,340	34,020
Total			11,340	11,340	11,340	34,020

Village Multi-Year Technology Vision

The Technology Vision is intended as a general policy outline defining the current state and future use of technology. It was created to facilitate the planning necessary to respond to the changing requirements, expectations and resources. It is a dynamic document that will be reevaluated and updated in conjunction with the preparation of the annual 5-Year Capital Improvement Plan.

While a five-year plan is standard for most capital-related plans, a static five-year plan could be a limiting factor. Therefore, technology advancements will be monitored and leveraged as necessary to foster technology goals which may be implemented within the defined timeframe, or may be implemented sooner or later if deemed appropriate. Budget and staff limitations will further influence completion timeframes.

The Village Technology Advisory Group (VTAG) has become more involved in the budget process and in evaluating technology initiatives. This group provides a venue to share ideas, project statuses, etc. Often initiatives in one department can benefit other departments as well.

Even though technology has changed significantly since the first Village Technology Vision was created in 1997, the goals set then are still valid today although a few have been added. Village staff continues to rely on these goals for direction.

Technology Goals:

1. Increase timeliness/efficiency of service delivery, internally and externally
2. Minimize or eliminate paper/manual processing
3. Eliminate duplicate work
4. Share information across different departments/agencies (if applicable)
5. Improve information accumulation/management without incurring additional staff time
6. Expand opportunities to provide information to the general public with minimum additional staff effort
7. Protect the integrity of Village data/infrastructure
8. Provide a secure environment for Village employees and Village assets.
9. Capitalize on innovative solutions when feasible.

BACKGROUND

VTAG, which is made up of representatives from the management staff of all the Village departments, was created in 2003 to facilitate collaborative planning of Village technology initiatives. Each department annually provides a technology plan which Information Technology consolidates into this single Village-wide multi-year Vision.

The Computer CIP (Computer Capital Improvement Plan) was created in 2004. The form was adapted from the Village's standard CIP form, with special fields for descriptions and justifications of computer-related requests. Departments fill out Computer CIP forms for any planned hardware or software purchase costing \$500 or more. The Computer CIP is used during the budget process and directly correlates with each departmental five-year technology plan.

CURRENT NETWORK ENVIRONMENT

The Village's computer network encompasses six buildings – Village Hall, Public Works, Public Safety, Fire Station 12, Fire Station 14, and the Community Connections Center. Village Hall, Public Works and Public Safety are connected with fiber. Fire Stations 12 and 14 connect to the Village network with point-to-point wireless and a T1 line for backup. For all locations the Internet is accessed through an Opt-E-Man circuit (AT&T fiber) shared with the Library. The connection to the Community Connections Center is tunneled through the Internet to an Opt-E-Man circuit on the remote end. The SCADA network at Public Works was connected to the Village network via a firewall to allow SCADA equipment to receive Microsoft updates, etc. The cash registers are segmented off through a firewall for PCI (Payment Card Industry) compliance.

Additionally there is a T1 line to Cook County from Village Hall for Police, a backup T1 between Village Hall and Public Works, and a Comcast connection at Public Safety that runs to Northwest Central Dispatch System (NWCDS).

Eight wireless hot spots are currently installed at Public Safety for Police and Fire vehicles to access. Two wireless hot spots are installed at Fire Station 12 and three at Fire Station 14. There are also five wireless hotspots in Village Hall, three at Public Works, and two in the Emergency Operations Center. See Appendix 1 for a network diagram.

Most of the network switches were upgraded as part of the VoIP (Voice over Internet Protocol) phone system project in 2008, providing gigabit connectivity to the workstations. Some older switches remain, but are primarily used for printers and other network devices that would not necessarily benefit from the higher speed.

The network includes approximately 350 PCs and laptops, and approximately 30 servers. Most of the servers are virtualized. In general the Village has standardized using Dell hardware, Microsoft Windows operating systems for workstations and servers, and VMware for virtualization.

Microsoft Office is the standard office suite and Microsoft SQL is the standard database platform. See Appendix 2 for a list of primary departmental applications. Most of home-grown Microsoft FoxPro and Access applications and databases have been replaced as part of the ERP project. The intention is to replace all FoxPro applications since the product is no longer supported.

VILLAGE-WIDE SYSTEM INITIATIVES

This section discusses current or upcoming projects that involve multiple departments. The “limitations” refer directly to issues listed by the departments in their technology plans. The “resolutions” show the solutions planned at this time. The technology goals which are addressed by each topic are shown in parentheses.

Document Imaging (1, 2, 3, 4, 5, 6)

The Village’s Laserfiche document imaging system provides the ability to scan paper documents and archive them for quick and easy retrieval.

Limitations:

1. The use of document imaging should be expanded to reduce the time it takes to lookup information and retrieve documents.

Resolution:

1. Community Development, Finance, Human Resources and Public Works are all planning to expand the use of Laserfiche for permanent files.
2. Public Works is currently working on a project to integrate Hansen with Laserfiche for easy access to their documents.
3. Public Works would like to integrate GIS with Laserfiche so they can access documents from maps.

GIS (Geographic Information System) (1)

GIS is used to capture, store, manipulate, analyze and display geographical data but its use can be expanded in many ways.

Limitations:

1. Community Development and Public Works need to be able to track the location of inspector vehicles, snow plows, spreaders, sweepers, etc.

Resolution: An application or interface to GIS can provide the ability to track vehicles with GPS locators for Public Works. This will ultimately include sensor options that will enable management to monitor the status of snowplows, spreaders, vehicle speed, sweeper brooms, etc. Verizon provides services that would be better suited to Community Development’s needs.

VILLAGE-WIDE SYSTEM INITIATIVES (continued)

Web Site/Intranet (1, 2, 3, 4, 6, 9)

Increased expectations for transparent government and the popularity of social media have created new opportunities and/or requirements to share information and provide services to the public.

Limitations:

1. Residents need the ability to obtain inspection results and service request status online.
2. Residents and contractors need the ability to apply for business licenses, contractor licenses and certain building permits online.
3. Service requests entered on the Village web site need to be added or updated in Hansen.
4. For security reasons, consideration should be given to moving the web server to the cloud. When the web site was rebuilt in 2010 staff decided to continue hosting internally to save money.
5. With the availability of new smart phone technologies, residents may find it useful to access service requests or event info via mobile apps.

Resolution:

1. Logos.Net will address the first two items.
2. Public Works has planned a customer service interface between their Hansen database and the Village web site.
3. There are plans to move the Village web site offsite in 2015.
4. Functionality for other items will be added to the Village web site as time and budget permits.

DEPARTMENT-SPECIFIC INITIATIVES

Department-specific initiatives may not have any impact on other departments, but can provide useful information for trends and potential collaborative efforts in the future. These initiatives are generally addressed through the budget process. The technology goals which are addressed by each topic are shown in parentheses.

Fire Department (1, 3)

Initiatives include:

- Increase the speed of data transmission between the outside fire stations and the Village network. Currently they are only getting about 18 Mbps throughput.
- Large screen monitors in fire station to show information regarding the location and circumstances of an incident prior to/while en route to the incident.

DEPARTMENT-SPECIFIC INITIATIVES (continued)

Finance Department (1, 2, 4, 5, 6)

Projects include:

- Expand online payment opportunities for residents.
- Implement electronic billing/renewal capabilities for business licenses.
- Accept electronic invoices from vendors.
- Accept electronic payment of bills from vendors.
- Implement a new software solution for Food & Beverage, and Escrow applications.
- Implement a new software solution for Police Tickets.
- Self-service kiosk for Customer Service.
- Research utilization of collaborative tools such as OneNote or Google Docs for departmental projects.
- Expand the number of authorized licenses of Adobe Professional.
- Research the utilization of iPads to service walk-in customers.
- Desktop PC for accounting conference room for easy access to data when auditors are onsite.

Human Services (1, 8)

Requests include:

- Replace Human Services Access database.
- Purchase 2 License/ID scanners for the front desks in Human Services Village Hall location and at the Community Connections Center.
- Implement instant messaging for security purposes.

Information Technology (1, 4, 7, 9)

Upcoming projects include:

- Contract for a network security assessment and strategic plan.
- Expand desktop virtualization pilot project to better manage user workstations, improve remote access, and minimize future computer desktop purchases.
- Upgrade building access system and add security cameras for Village Hall.
- Implement Microsoft SharePoint or other platform to facilitate growing needs for project collaboration.
- Replace login script with Dell's Desktop Authority or other system for better troubleshooting.
- Upgrade network to IPv6.
- Upgrade SQL 2005 to newer version to stay current.
- Upgrade Windows 2003 Servers to current version.
- Upgrade Microsoft Office Suite.
- Replace telephone call accounting system since the current vendor is dropping the product and will eventually drop support.

DEPARTMENT-SPECIFIC INITIATIVES (continued)

Police Department (1, 2, 3, 9)

Projects include:

- Partner with schools and businesses to securely access video feeds by first responder squad cars and at the Police Desk. Currently they can access cameras at the Library and high school.
- Verify CJIS compliance for LEADS.
- Research the use of tablets instead of Toughbooks for squad cars.
- Implement electronic ticketing.
- Track PD employee performance through a web site that the entire department can view.
- Implement early warning alerts for PD intervention.
- Add 4 additional desktop computers to replace older repurposed computers.
- Implement ability for residents to report minor crimes and crime tips via a web page.
- Purchase 1 new tablet for Investigators to use in the field for GPS, database lookup, viewing pictures of suspects, etc.
- Implement License Plate Recognition software for use in vehicles.
- Purchase Mobile Ticket Writer device to generate parking tickets without the use of a squad car laptop.
- Deploy Microsoft SharePoint allow the entire Police Department to communicate information in a timely manner.

Public Works Department (1, 2, 3)

Public Works has been purchasing semi-ruggedized laptops for key field-oriented personnel to improve decision making by reducing double-entry and speeding up data retrieval. If the Village has the technology in place, iPads will be purchased instead.

- Purchase 1 new semi-ruggedized laptop (or iPads) for Service Call Technician to eliminate duplicate entry of documentation and reporting.
- Purchase 1 new semi-ruggedized laptop to be mounted in the street program engineer's vehicle to eliminate double entry, improve data collection, reduce errors and improve customer responses.
- Purchase tablet devices for Meter Shop Technician and Forestry Service Call Technician to improve efficiency.

Other projects include:

- Electronic bulletin board for improved communications to employees regarding job assignments, attendance information, and weather. It would also provide access to policies and operating procedures.
- Bar coding hardware/software to improve management and control of existing assets, parts, materials and equipment inventories.
- New aerial photogrammetry to provide staff with photography that more accurately reflects property development.
- Expanded access to network applications including Hansen and their file server by using more cellular modems.
- Researching the feasibility of iPads or other tablets for field use.

TIMELINE

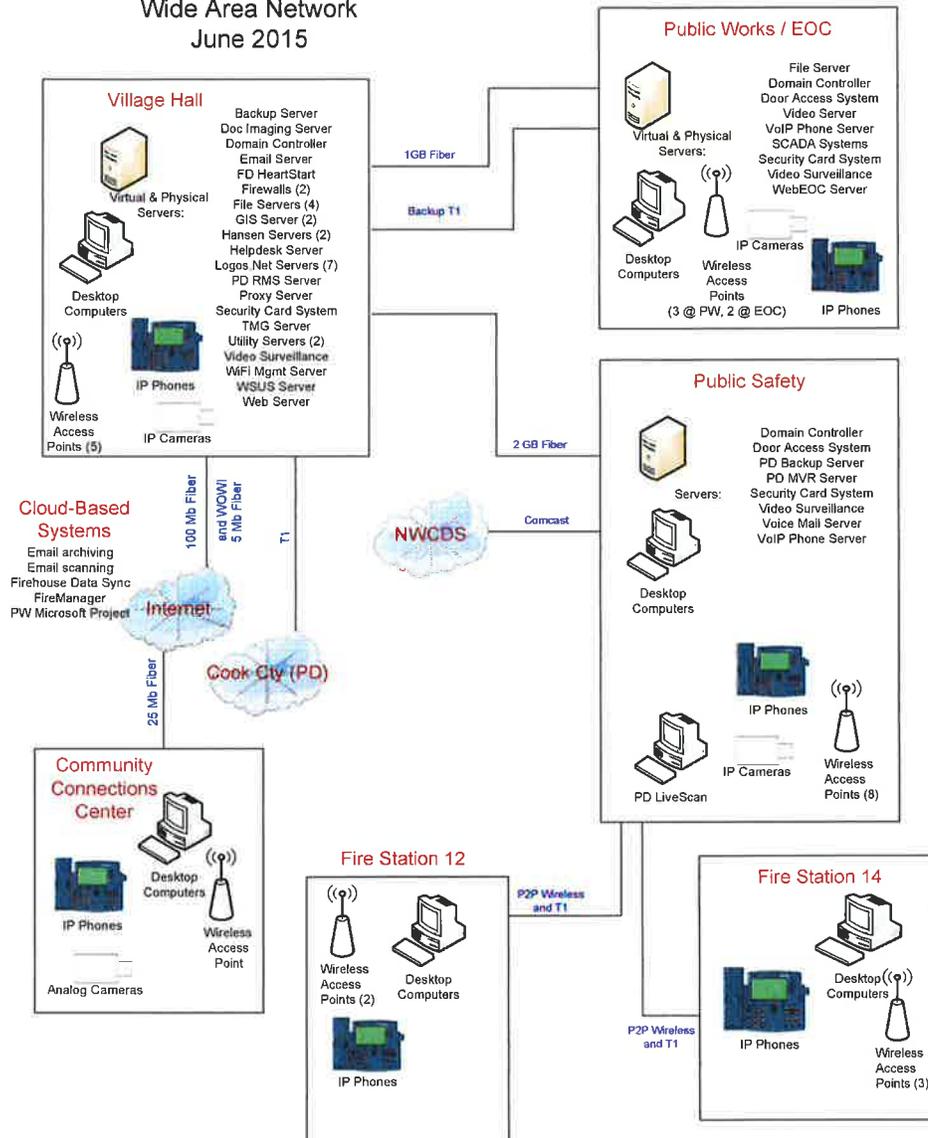
See Appendix 3 for the anticipated timeline for the budgeted projects and purchases. The project list and timeline is dependent on available technology, available budget and staff, legal requirements, and participation in multi-agency initiatives, and will be adjusted as needed. The “CIP Request (Y/N)” shows whether there is a corresponding item in the 2016 CIP.

CONCLUSION

This Technology Vision is a collaborative effort of the Village Technical Advisory Group. The Technology Goals were used as criteria to determine which projects should be included in the multi-year plan. The resulting Vision will be used as a blueprint for the direction of technology initiatives by all Village departments.

Appendix 1 Network Infrastructure

Village of Mount Prospect Network Wide Area Network June 2015



Appendix 2

Primary Departmental Applications

Community Development

- Logos.Net for building permits, inspections, landlord/tenant
- Adjudication

Community Development / Police

- Logos.Net for crime-free housing certifications and nuisance type violations for rental housing units

Finance

- Logos.Net for general ledger, accounts payable, accounts receivable, payroll, budgeting, water billing, and municipal licenses
- Escrow Management for bonds requiring permits (FoxPro)
- Police Tickets to track ticket payments (FoxPro)
- Food & Beverage (FoxPro)

Fire

- Firehouse for managing data pertaining to fire and ambulance calls and fire inspections
- FireManager to manage day-to-day rosters.

Fire / Police

- ID Networks CAD Client for computer-aided dispatch and field reporting

Human Services

- Human Services database for Human Services' clients and programs (Access)
- MRC database to manage resources for the Medical Reserve Corps (Access)

Police

- ID Networks Records Management System for managing police records, ticket writing and reporting
- Live Scan for fingerprinting, digital mug photographs, and identification

Public Works

- ESRI GIS for visualizing, managing, creating and analyzing geographic data
- Hansen for service requests and asset management

Village Manager's Office

- Windows IIS Web Server

Multiple Departments

- Cisco IP telephones
- Laserfiche for document scanning and archival
- Logos.Net for purchasing, accounts payable, and payroll.

Appendix 3 Technology Vision Timeline

Item Number	Description	Department(s) Leading Project	Short Term Progress Status	Long Term Progress Status / Comments	CIP Request (Y/N)	Budget Years
Current Projects						
1	Scan permanent files	CD, FI, HR, PW		Internal procedure	N	Ongoing
2	PD partnership with schools / businesses for access to video	PD	Library and high school done	Dependent on schools and businesses	N	Ongoing
3	Expand use of cellular for PW operations	PW	Ongoing		N	Ongoing
4	Ability of residents to apply for business licenses, contractor licenses and limited building permits online	CD	Internal procedure – need to set up and test	Logos.Net	N	2015
5	Ability to obtain inspection results and service request status online	CD	Internal procedure – need to set up and test	Logos.Net	N	2015
6	Research replacements for EMS laptops	FD, IT	Internal procedure		N	2015
7	Process improvement for CIP document prep	FI	In progress	Plan-It	N	2015
8	Research feasibility of iPads to service walk-in customers	FI	Internal procedure		N	2015
9	Laptop for Deputy Director	FI	Q2		Y	2015
10	Expand # of Adobe Pro Licenses	FI	Q3		N	2015
11	Research Collaboration Tools	FI		OneNote or Google Docs	N	2015
12	Replace Human Services Database	HS			N	2015
13	Upgrade all Windows 2003 Servers	IT	Ongoing		N	2015
14	Security Assessment	IT		RFP	Y	2015
15	Expand Desktop Virtualization	IT		RFP	Y	2015
16	Verify compliance with CJIS mandate	PD		Internal procedure	N	2015
17	Research use of tablets in squad cars instead of Toughbooks	PD		Internal procedure	N	2015
18	Implement electronic ticketing	PD	Internal procedure	ID Networks	N	2015
19	Ability to track PD employee performance through a web site that the entire department can view	PD		Guardian or Blue Team	Y	2015

Item Number	Description	Department(s) Leading Project	Short Term Progress Status	Long Term Progress Status / Comments	CIP Request (Y/N)	Budget Years
Current Projects continued						
20	Early warning alerts for PD intervention	PD		IAPro	Y	2015
21	Interface Hansen with Laserfiche	PW	In progress		Y	2015
22	Research feasibility of iPads or other tablets in the field	PW, IT	Internal procedure		N	2015
23	Security cameras for customer service counters, parking deck, VH lobbies	VM, IT	In progress		Y	2015
24	Replace Village Hall building access system	VM, IT	In progress		Y	2015
25	Move web server to cloud, upgrade version	VM, IT	In progress		Y	2015
26	Expand online payment opportunities	FI	Internal procedure	Not yet defined	N	2015-2016
27	Village-wide automatic water meter reading	PW	In progress		Y	2015-2016
28	Electronic billing process/renewal for business licenses	FI	Internal procedure	Logos.Net	N	2016
29	Replace Food & Bev, & Escrow applications	FI	Not yet defined		N	2016
30	Replace Police Tickets application	FI	Not yet defined		N	2016
31	Accept electronic invoices from vendors	FI		Internal procedure	N	2016
32	Accept electronic payments from vendors	FI		Internal procedure	N	2016
33	Self-service kiosks for Customer Service	FI			N	2016
34	Expand file storage for Village data	IT		Via replacement schedule	N	2016

2016 Computer CIP Projects (with corresponding CIP page number in parentheses)						
Item #	Description	Department(s) Leading Project	Short Term Progress Status	Long Term Progress Status	CIP Request (Y/N)	Budget Years
35	Extend video conferencing to EOC (42)	IT			Y	2016
36	Instant Messaging (43)	HS, IT			Y	2018
37	Add'l desktop computers (44)	PD			Y	2015-2016
38	Ability for residents to report minor crimes and crime tips via a web page (45)	PD		Copologic	Y	2017
39	Tablet for Investigations to use in the field for GPS, database lookup, viewing pics of suspects, etc (46)	PD			Y	2016
40	License Plate Recognition for squad cars (47)	PD			Y	2018
41	Mobile Ticket Writer (48)	PD			Y	2018
42	SharePoint Server (49,58)	PD, IT			Y	2016-2017
43	Ability for residents to enter Hansen service requests via web page (50)	PW		Hansen	Y	2018
44	GIS – Laserfiche Interface (51)	PW		GeoCortex	Y	2017
45	Add'l PW Laptops (52)	PW			Y	2015-2017
46	Replace login script (53)	IT		Desktop Authority	Y	2016
47	Increase bandwidth to outlying Fire Stations (54)	IT			Y	2016-2017
48	Microsoft Office Suite Upgrade (55)	IT			Y	2016
49	Telephone Call Accounting Upgrade (56)	IT			Y	2016
50	Microsoft Licensing (57)	IT		SQL, Windows Servers	Y	2015-2017

Village of Mount Prospect, Illinois
 2016 - 2020 Capital Improvement Plan
 2016 thru 2020

PROJECTS BY DEPARTMENT

Department	Project#	Priority	2016	2017	2018	2019	2020	Total
Police Department								
Administrative Section Renovation	PD001.0-16	2			500,000			500,000
Roll Call and Kitchenette Renovation	PD002.0-16	3			70,000			70,000
Lobby and Lobby Restrooms Renovation	PD003.0-16	3				115,000		115,000
Evidence Lab Renovation	PD004.0-16	3				200,000		200,000
Police Department Total					570,000	315,000		885,000
GRAND TOTAL					570,000	315,000		885,000

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Police Department
Contact Deputy Chief of Admin
Type Buildings
Useful Life 10 years
Category 706 Public Bldg Const & Impr
Priority 2 Very Important

Village of Mount Prospect, Illinois

Project # PD001.0-16
Project Name Administrative Section Renovation

New/Established New Tech Plan Y/N N/A

Description **Total Project Cost: \$500,000**
 Complete redesign and restructure of the administrative section, including the demolition of the current administrative section, new walls, offices, flooring, ceiling, restrooms and furniture.

Justification
 The Village invested in a space needs analysis in 2007. This analysis revealed that the Police Department operates with 20,000 square feet less than required for an agency of our size. Since additional space is not available, efforts to use existing space more efficiently must be made. This proposal calls for an architectural redesign of the Administrative Section, demolishing the current floor plan, and designing a modern space that allows for eleven offices, an executive conference room, and a shared lunch room. The new Administrative Section will be designed with all offices surrounding a central gathering area to maximize unit collaboration. Office space will be designed for the chief, two deputy chiefs, four commanders, three secretaries, and an administrative officer. Stored files will be electronically converted and archived elsewhere. Partial funding for this project will come from the deferment of \$159k of 2014-2016 CIP's (furniture, restrooms, etc.) This project aligns with the Village's strategic governance goal of providing quality high-value relevant municipal services.

Expenditures	2016	2017	2018	2019	2020	Total
Construction/Maintenance			500,000			500,000
Total			500,000			500,000

Funding Sources	2016	2017	2018	2019	2020	Total
020 Capital Improvement Fund			500,000			500,000
Total			500,000			500,000

Budget Impact/Other
 None

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Police Department

Village of Mount Prospect, Illinois

Contact Deputy Chief of Admin

Project #	PD002.0-16
Project Name	Roll Call and Kitchenette Renovation

Type Buildings

Useful Life 10 years

Category 706 Public Bldg Const & Impr

Priority 3 Important

New/Established New

Tech Plan Y/N N/A

Description	Total Project Cost: \$70,000
Renovate the roll call room and adjacent kitchenette area. Replace furniture, flooring, cabinets, appliances, and vending machine.	

Justification
The Public Safety Building was opened in 1993. The roll call room and adjacent kitchenette consists of the building's original flooring, furniture, appliances, and cabinets. These rooms are used by all three patrol shifts on a daily basis. The rooms have become outdated and unsightly from their lengthy years of service. The new roll call room will have new flooring, ceiling, updated lighting, and a new mail and radio room taken from a repurposed storage closet. The room will also have a new conference style table and chairs that promotes a collaborative information sharing environment. The room will have a large television monitor that will be used for training and operational briefings. Finally, the room will be decorated with historical photographs, department insignia, and recognition plaques that celebrates the department's heritage and accomplishments. The kitchenette area will get new cabinets, counters, appliances, and a new vending machine. This project aligns with the Village's strategic governance goal of providing quality high-value relevant municipal services in that it ensures the sustainable of public spaces.

Expenditures	2016	2017	2018	2019	2020	Total
Construction/Maintenance			70,000			70,000
Total			70,000			70,000

Funding Sources	2016	2017	2018	2019	2020	Total
020 Capital Improvement Fund			70,000			70,000
Total			70,000			70,000

Budget Impact/Other
None

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Village of Mount Prospect, Illinois

Department Police Department
 Contact Deputy Chief of Admin
 Type Buildings
 Useful Life 10 years
 Category 706 Public Bldg Const & Impr
 Priority 3 Important

Project # PD003.0-16
 Project Name Lobby and Lobby Restrooms Renovation

New/Established New Tech Plan Y/N N/A

Description **Total Project Cost: \$115,000**
 Renovate the 1st floor lobby and lobby bathrooms of the Public Safety Building

Justification
 The Public Safety Building was opened in 1993. The lobby and lobby restrooms consists of the original flooring, counters, sinks, and toilets. This area of the building is used by visitors 24 hours a day as well as the attendees of public safety training classes in the first floor training room. As a result of many years of service, these bathrooms have become worn-out and outdated, requiring renovation. It is important to maintain a modern, inviting, ADA compliant lobby that aligns with the professional image of the Police Department. It is staff's recommendation to replace all flooring and fixtures in the restrooms, as well as the flooring and furniture in the lobby. Additionally, the large counters in the lobby should be removed to allow space for display cases. These display cases will be used to highlight the culture, heritage, and accomplishments of the Police Department, and to promote our professional image. This project aligns with the Village's strategic governance goal of providing quality high-value relevant municipal services in that it ensures the sustainable public spaces.

Expenditures	2016	2017	2018	2019	2020	Total
Construction/Maintenance				115,000		115,000
Total				115,000		115,000

Funding Sources	2016	2017	2018	2019	2020	Total
020 Capital Improvement Fund				115,000		115,000
Total				115,000		115,000

Budget Impact/Other
 None

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Village of Mount Prospect, Illinois

Department Police Department
 Contact Deputy Chief of Admin
 Type Buildings
 Useful Life 10 years
 Category 706 Public Bldg Const & Impr
 Priority 3 Important

Project # PD004.0-16
 Project Name Evidence Lab Renovation

New/Established New Tech Plan Y/N N/A

Description Total Project Cost: \$200,000
 Renovate and enhance the Police Department's Evidence Lab.

Justification
 The Police Department is responsible for the professional and efficient processing of evidence. The current evidence lab is inefficient in its design, outdated, and is in great need of upgrades and enhancements. This project calls for the removal of several partition walls, new flooring, ceiling, exhaust system, lighting fixtures, and furniture. The lab will receive new evidence equipment including a decontamination shower/eyewash station, wall mounted hazardous materials cabinet, chemical resistant flooring and countertops, downdraft powder processing workstation, photography light box, and a universal alternative light source. This equipment is vital to our evidence technician's ability to properly process evidence. This project aligns with the Village's strategic governance goal of providing quality high-value relevant municipal services in that it ensures the sustainable public spaces and provides leading-edge services to the community.

Expenditures	2016	2017	2018	2019	2020	Total
Construction/Maintenance				200,000		200,000
Total				200,000		200,000

Funding Sources	2016	2017	2018	2019	2020	Total
020 Capital Improvement Fund				200,000		200,000
Total				200,000		200,000

Budget Impact/Other
 None

Village of Mount Prospect, Illinois
 2016 - 2020 Capital Improvement Plan
 2016 thru 2020

PROJECTS BY DEPARTMENT

Department	Project#	Priority	2016	2017	2018	2019	2020	Total
Public Works - Buildings								
HVAC Upgrade Village Hall	PWBU001.0-16	4					630,000	630,000
Public Safety Garage Sprinkler	PWBU002.0-16	2		48,000				48,000
Public Safety Parking Deck Maintenance	PWBU003.0-16	2		250,000				250,000
Public Safety Training Room Rehab	PWBU004.0-16	4			86,000			86,000
Public Safety Exterior Imp - Planter Bed Removal	PWBU005.0-16	3					30,000	30,000
Public Safety Exterior Imp-Tuckpoint & Power Wash	PWBU006.0-16	3					40,000	40,000
Public Safety Exterior Imp-Window Replacement	PWBU007.0-16	3			230,000			230,000
Fire Station #12 Apparatus Floor	PWBU008.0-16	3					45,000	45,000
Fire Station #13 Apparatus Floor	PWBU009.0-16	3					75,000	75,000
Fire Station #13 Bathrooms	PWBU010.0-16	3					45,000	45,000
Public Works Roof Repair	PWBU011.0-16	2	1,270,000					1,270,000
Public Works Facility Exterior	PWBU012.0-16	3				200,000	75,000	275,000
Public Works Fire Alarm Upgrade	PWBU013.0-16	3				35,000		35,000
Village Hall Window Replacement	PWBU014.0-16	5					255,000	255,000
Other Public Buildings	PWBU800.0-AN	3	155,000	100,000	160,000	165,000	165,000	745,000
HVAC Replacement Program	PWBU801.0-AN	2	50,000	25,000	275,000	25,000	25,000	400,000
Public Works - Buildings Total			1,475,000	423,000	751,000	425,000	1,385,000	4,459,000
Public Works - Engineering								
Bike Route Sign Project	PWEN001.0-16	4	130,000					130,000
Emergency Vehicle Preemption System Replacement	PWEN002.0-16	3	135,000	135,000	135,000			405,000
KBC Jogging Path Rehab	PWEN003.0-16	2	205,000					205,000
Northwest Hwy/Mount Prospect Road Bike Path	PWEN005.0-16	3	75,000					75,000
Rand-Central-MP Road Study	PWEN006.0-16	2	200,000	400,000				600,000
Rand-Elmhurst-Kensington Road Study	PWEN007.0-16	2	200,000		400,000			600,000
Streetscape Improvements	PWEN008.0-16	2		200,000				200,000
Traffic Signal Generator Connections	PWEN009.0-16	3					255,000	255,000
Downtown Intersections Study	PWEN010.0-16	2	200,000			400,000		600,000
New Sidewalks	PWEN801.0-AN	2	140,000	160,000	190,000	210,000		700,000
Sidewalk Cost Share Program	PWEN802.0-AN	3	88,400	90,200	92,000	93,800	95,600	460,000
Street Improvement Program	PWEN803.0-AN	1	4,442,000	4,472,000	4,502,000	4,532,000	4,562,000	22,510,000
Traffic Calming	PWEN804.0-AN	4	50,000	50,000	50,000	50,000	50,000	250,000
Traffic Signal Replacement Engineering	PWEN805.0-AN	4	50,000	50,000	50,000	50,000	50,000	250,000
Public Works - Engineering Total			5,915,400	5,557,200	5,419,000	5,335,800	5,012,600	27,240,000
Public Works - Flood Control								
McDonald Creek Bank Stabilization	PWFC001.0-16	2				150,000	1,350,000	1,500,000
Detention Pond Improvement - Pond 1	PWFC002.0-16	2					100,000	100,000
Detention Pond Improvement - Pond 2	PWFC003.0-16	2				760,000		760,000
Detention Pond Improvement - Pond 6	PWFC004.0-16	2		280,000				280,000
Detention Pond Improvement - Pond 6A	PWFC005.0-16	2			290,000			290,000
Detention Pond Improvement - Pond 8	PWFC006.0-16	2					500,000	500,000
Storm Sewer Improvements - Laverne/Catalpa	PWFC007.0-16	2	225,000					225,000
Storm Sewer Improvements - Palm/Cherrywood	PWFC008.0-16	2	225,000					225,000

Department	Project#	Priority	2016	2017	2018	2019	2020	Total
Weller Creek Silt Removal	PWFC009.0-16	3			30,000			30,000
Levee 37 Standby Emergency Generators	PWFC010.0-16	3		230,000	230,000			460,000
Emergency Pumping Levee 37	PWFC011.0-16	3	85,000					85,000
Neighborhood Drainage Improvements	PWFC800.0-AN	3	100,000	100,000	100,000	100,000	100,000	500,000
Storm Sewer Inspection Program	PWFC802.0-AN	2	100,000	100,000	100,000	100,000	100,000	500,000
Public Works - Flood Control Total			735,000	710,000	750,000	1,110,000	2,150,000	5,455,000
Public Works - Forestry								
Ash Replacement Plantings	PWFO001.0-16	3	85,000	40,000				125,000
Ash Tree and Stump Removals	PWFO002.0-16	2	114,500	47,000				161,500
Prospect Ave. Block Wall Construction	PWFO003.0-16	4		40,000	40,000	25,000		105,000
Tree Planting Program	PWFO801.0-AN	2	179,000	196,000	216,000	237,000	261,000	1,089,000
Public Works - Forestry Total			378,500	323,000	256,000	262,000	261,000	1,480,500
Public Works - Parking								
Parking Lot Improvements	PWPA001.0-16	3				25,000		25,000
Village Hall Parking Deck Maintenance	PWPA800.0-AN	3	50,000	50,000	50,000	50,000	50,000	250,000
Village Hall Parking Deck Maintenance - Painting	PWPA802.0-AN	3	100,000	100,000	100,000	100,000	100,000	500,000
Public Works - Parking Total			150,000	150,000	150,000	175,000	150,000	775,000
Public Works - Streets								
Streetlight Improvements	PWST800.0-AN	3	60,000	75,000	75,000	75,000	75,000	360,000
Streetlight Improvements LED Retrofits	PWST801.0-AN	4			50,000	50,000	50,000	150,000
Public Works - Streets Total			60,000	75,000	125,000	125,000	125,000	510,000
Public Works - Vehicle								
Vehicle Lifts	PWVE002.0-16	4			135,000	140,000		275,000
Public Works - Vehicle Total					135,000	140,000		275,000
Public Works - Water/Sewer								
Locating & Leak Detection Equipment	PWWS001.0-16	3	80,000					80,000
Televising Camera System Upgrades	PWWS002.0-16	3		80,000	90,000			170,000
Water Facility Roof Rehab-Well House #4	PWWS003.0-16	3	65,000					65,000
Water Facility Roof Rehab-Station #11	PWWS004.0-16	3		70,000				70,000
Water Facility Roof Rehab-Station #16	PWWS005.0-16	3			70,000			70,000
Water Tank Rehabilitation-Reservoir 5-1	PWWS006.0-16	2			675,000			675,000
Water Tank Rehabilitation-Reservoir 17	PWWS007.0-16	2	650,000					650,000
Wireless Telemetry System Remote Pressure Stations	PWWS008.0-16	2	65,000	65,000	65,000	65,000	65,000	325,000
Wireless Telemetry System Upgrade-PLC Upgrades	PWWS009.0-16	1		40,000	40,000	40,000	40,000	160,000
Wireless Telemetry System Upgrade-VFD Replacement	PWWS011.0-16	1				50,000	50,000	100,000
Deep Well Rehabilitation - Well #16	PWWS012.0-16	2		375,000				375,000
Deep Well Rehabilitation - Well #17	PWWS013.0-16	2				410,000		410,000
Hydro Excavator	PWWS014.0-16	4			115,000			115,000
Lift Relief Station Rehab - Louis Street	PWWS015.0-16	1	350,000					350,000
Lift Relief Station Rehab - William Street	PWWS016.0-16	2		350,000				350,000
Lift Relief Station Rehab - Huntington	PWWS017.0-16	3			650,000			650,000
Lift Relief Station Rehab - Fairview	PWWS018.0-16	3				450,000		450,000
Lift Relief Station Rehab - Lincoln Street	PWWS019.0-16	3					350,000	350,000
Water Main Replacement	PWWS800.0-AN	1	600,000	600,000	600,000	4,900,000	4,900,000	11,600,000
Sewer Main Rehabilitation	PWWS801.0-AN	2	525,000	550,000	550,000	1,000,000	1,000,000	3,625,000
Booster Station Pump Rehabilitation	PWWS803.0-AN	2	55,000	55,000	60,000	60,000	60,000	290,000

Department	Project#	Priority	2016	2017	2018	2019	2020	Total
Public Works - Water/Sewer Total			2,390,000	2,185,000	2,915,000	6,975,000	6,465,000	20,930,000
GRAND TOTAL			11,103,900	9,423,200	10,501,000	14,547,800	15,548,600	61,124,500

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Public Works - Buildings

Contact Public Works Director

Type Maintenance

Useful Life 20 years

Category 706 Public Bldg Const & Impr

Priority 4 Less Important

Village of Mount Prospect, Illinois

Project #	PWBU001.0-16
Project Name	HVAC Upgrade Village Hall

New/Established New

Tech Plan Y/N N/A

Description	Total Project Cost: \$630,000
Upgrade of Village Hall HVAC system to eliminate overheating problem.	

Justification
Per recommendation of mechanical engineer raising the HVAC units should solve the over heating problem by providing more circulation of cooler fresh air. It would require raising 3 units and replacing all three units due to the extra strain caused by the over heating problem.
Aligns with the Village's strategic governance goal of providing quality high-value relevant municipal services.

Expenditures	2016	2017	2018	2019	2020	Total
Planning and Design					30,000	30,000
Construction/Maintenance					600,000	600,000
Total					630,000	630,000

Funding Sources	2016	2017	2018	2019	2020	Total
020 Capital Improvement Fund					630,000	630,000
Total					630,000	630,000

Budget Impact/Other

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Village of Mount Prospect, Illinois

Department Public Works - Buildings

Contact Public Works Director

Type Buildings

Useful Life 20 years

Category 706 Public Bldg Const & Impr

Priority 2 Very Important

Project # PWBU002.0-16
 Project Name Public Safety Garage Sprinkler

New/Established New

Tech Plan Y/N N/A

Total Project Cost: \$48,000

Description

Replace all dry system sprinkler pipes in underground parking garage.

Justification

Due to deck leaks and humidity the black iron pipes are rusting away causing pin holes, These pin holes can cause the dry system to trip from lack of air pressure which can lead to frozen pipes.

Aligns with the Village's strategic governance goal of providing quality high-value relevant municipal services.

Expenditures	2016	2017	2018	2019	2020	Total
Equip/Vehicles/Furnishings		48,000				48,000
Total		48,000				48,000

Funding Sources	2016	2017	2018	2019	2020	Total
020 Capital Improvement Fund		48,000				48,000
Total		48,000				48,000

Budget Impact/Other

None

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Public Works - Buildings

Village of Mount Prospect, Illinois

Contact Public Works Director

Project #	PWBU003.0-16
Project Name	Public Safety Parking Deck Maintenance

Type Maintenance
 Useful Life 8 years
 Category 706 Public Bldg Const & Impr
 Priority 2 Very Important

New/Established Established Tech Plan Y/N N/A

Description	Total Project Cost: \$250,000
Resurface the Police & Fire upper parking deck.	

Justification
Based on engineering recommendation and the expected life of the deck surface we are recommending resurfacing the Public Safety deck on an eight year cycle. This project has been pushed back two years with temporary repairs done in 2009. The deck was last resurfaced in 2006 and the warranty has expired we will face increasing maintenance costs as the age of the surface extends beyond the estimated eight year life.
Aligns with the Village's strategic governance goal of providing quality high-value relevant municipal services.

Expenditures	2016	2017	2018	2019	2020	Total
Construction/Maintenance		250,000				250,000
Total		250,000				250,000

Funding Sources	2016	2017	2018	2019	2020	Total
051 Village Parking System Fund		250,000				250,000
Total		250,000				250,000

Budget Impact/Other
None

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Public Works - Buildings

Village of Mount Prospect, Illinois

Contact Public Works Director

Project #	PWBU004.0-16
Project Name	Public Safety Training Room Rehab

Type Buildings
 Useful Life 20 years
 Category 706 Public Bldg Const & Impr
 Priority 4 Less Important

New/Established New Tech Plan Y/N N/A

Description	Total Project Cost: \$86,000
Refurbish Fire/Police training room located at Public Safety Building. Work will include the replacement of carpet, furniture, and audio/visual equipment that will be in excess of 15 years old at the time of replacement. Aligns with the Village's strategic governance goal of providing quality high-value relevant municipal services.	

Justification
Miscellaneous improvements and remodeling at P/F HQ Building in the training room on the main floor. Change out the carpeting an replace furniture. Update the audio visual equipment. AV upgrade \$38,000 Furniture\$14,000 Room Remodeling\$34,000

Expenditures	2016	2017	2018	2019	2020	Total
Construction/Maintenance			86,000			86,000
Total			86,000			86,000

Funding Sources	2016	2017	2018	2019	2020	Total
020 Capital Improvement Fund			86,000			86,000
Total			86,000			86,000

Budget Impact/Other

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Public Works - Buildings

Village of Mount Prospect, Illinois

Contact Public Works Director

Project #	PWBU005.0-16
Project Name	Public Safety Exterior Imp - Planter Bed Removal

Type Equipment & Furnishings

Useful Life 20 years

Category 706 Public Bldg Const & Impr

New/Established New

Tech Plan Y/N N/A

Priority 3 Important

Description	Total Project Cost: \$30,000
Removal and redesign of planter beds located adjacent to the front entrance to the Public Safety building. Work in 2020 includes design and bid services. Actual replacement of beds will occur in 2021.	

Justification
"The Public Safety was constructed in 1993 This structure is in need of general exterior maintenance. The front brick planter boxes have allowed water to cause significant damage to the front entrance to the building. Engineers have recommended the removal of the brick planter beds. We will need to contract out professional services to inspect and put together drawings and specs for the front entrance to remove the flower beds and rework the concrete stairs and sidewalks in 2020 (plan and design).
Aligns with the Village's strategic governance goal of providing quality high-value relevant municipal services.

Expenditures	2016	2017	2018	2019	2020	Total
Planning and Design					30,000	30,000
Total					30,000	30,000

Funding Sources	2016	2017	2018	2019	2020	Total
020 Capital Improvement Fund					30,000	30,000
Total					30,000	30,000

Budget Impact/Other
None

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Public Works - Buildings

Village of Mount Prospect, Illinois

Contact Public Works Director

Project #	PWBU006.0-16
Project Name	Public Safety Exterior Imp-Tuckpoint & Power Wash

Type Equipment & Furnishings

Useful Life 20 years

Category 706 Public Bldg Const & Impr

New/Established New

Tech Plan Y/N N/A

Priority 3 Important

Description	Total Project Cost: \$40,000
Complete exterior improvements to the Public Safety building that includes tuck pointing and power washing.	

Justification
The Public Safety Building was constructed in 1993. The structure is in need of general exterior maintenance which includes tuck pointing, power washing.
Aligns with the Village's strategic governance goal of providing quality high-value relevant municipal services.

Expenditures	2016	2017	2018	2019	2020	Total
Construction/Maintenance					40,000	40,000
Total	<hr/>				40,000	40,000

Funding Sources	2016	2017	2018	2019	2020	Total
020 Capital Improvement Fund					40,000	40,000
Total	<hr/>				40,000	40,000

Budget Impact/Other
None

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Public Works - Buildings

Village of Mount Prospect, Illinois

Contact Public Works Director

Project #	PWBU007.0-16
Project Name	Public Safety Exterior Imp-Window Replacement

Type Buildings

Useful Life 20 years

Category 706 Public Bldg Const & Impr

New/Established New

Tech Plan Y/N N/A

Priority 3 Important

Description	Total Project Cost: \$230,000
Complete replacement of approximately 100 exterior windows at Public Safety building.	

Justification
The current windows installed at Public Safety are original installation and will be 25 years old at the time of replacement. Staff has completed a significant amount of repairs in recent years and the volume of repairs only increases each year.
Aligns with the Village's strategic governance goal of providing quality high-value relevant municipal service

Expenditures	2016	2017	2018	2019	2020	Total
Planning and Design			30,000			30,000
Construction/Maintenance			200,000			200,000
Total			230,000			230,000

Funding Sources	2016	2017	2018	2019	2020	Total
020 Capital Improvement Fund			230,000			230,000
Total			230,000			230,000

Budget Impact/Other
None

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Public Works - Buildings

Village of Mount Prospect, Illinois

Contact Public Works Director

Project #	PWBU008.0-16
Project Name	Fire Station #12 Apparatus Floor

Type Buildings

Useful Life 8 years

Category 706 Public Bldg Const & Impr

New/Established New

Tech Plan Y/N N/A

Priority 3 Important

Description	Total Project Cost: \$45,000
Spot repair and Re-Seal Entire Floor	

Justification
Current floor coating was applied in 2003 and is approaching the end of its useful life . Also the floor is cracking in a few spots causing water to breakdown the coating at a faster rate.
Aligns with the Village's strategic governance goal of providing quality high-value relevant municipal services.

Expenditures	2016	2017	2018	2019	2020	Total
Construction/Maintenance					45,000	45,000
Total					45,000	45,000

Funding Sources	2016	2017	2018	2019	2020	Total
020 Capital Improvement Fund					45,000	45,000
Total					45,000	45,000

Budget Impact/Other
None

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Public Works - Buildings

Village of Mount Prospect, Illinois

Contact Public Works Director

Project #	PWBU009.0-16
Project Name	Fire Station #13 Apparatus Floor

Type Buildings
 Useful Life 8 years
 Category 706 Public Bldg Const & Impr
 Priority 3 Important

New/Established New Tech Plan Y/N N/A

Description	Total Project Cost: \$75,000
Spot repair and Re-Seal Entire Floor	

Justification
Current floor coating was applied in 2001 and is approaching the end of its useful life . Also the floor is cracking in a few spots causing water to breakdown the coating at a faster rate
Aligns with the Village's strategic governance goal of providing quality high-value relevant municipal services.

Expenditures	2016	2017	2018	2019	2020	Total
Construction/Maintenance					75,000	75,000
Total					75,000	75,000

Funding Sources	2016	2017	2018	2019	2020	Total
020 Capital Improvement Fund					75,000	75,000
Total					75,000	75,000

Budget Impact/Other
None

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Village of Mount Prospect, Illinois

Department Public Works - Buildings

Contact Public Works Director

Type Buildings

Useful Life 8 years

Category 706 Public Bldg Const & Impr

Priority 3 Important

Project # PWBU010.0-16
 Project Name Fire Station #13 Bathrooms

New/Established New

Tech Plan Y/N N/A

Description

Total Project Cost: \$45,000

Remodel (4) existing bathrooms in living quarters

Justification

The (4) current bathrooms located in the living quarters on the 2nd floor are original from when the building was constructed in 1993. They are used daily by fire personal who staff this area 24/7. The bathrooms are 23 years old and showing there age. Repair parts are becoming obsolete and the tile is starting to fail.

2020 -- Remodel (2) Bathrooms \$45,000
 2021 -- Remodel (2) Bathrooms \$50,000

Aligns with the Village's strategic governance goal of providing quality high-value relevant municipal services.

Expenditures	2016	2017	2018	2019	2020	Total
Construction/Maintenance					45,000	45,000
Total					45,000	45,000

Funding Sources	2016	2017	2018	2019	2020	Total
020 Capital Improvement Fund					45,000	45,000
Total					45,000	45,000

Budget Impact/Other

None

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Public Works - Buildings

Village of Mount Prospect, Illinois

Contact Public Works Director

Project #	PWBU011.0-16
Project Name	Public Works Roof Repair

Type Buildings
 Useful Life 30 years
 Category 706 Public Bldg Const & Impr
 Priority 2 Very Important

New/Established New Tech Plan Y/N N/A

Description	Total Project Cost: \$1,270,000
Replace Public Works facility main roof.	

Justification
Existing roofs over original public works facility were installed in 1988, almost 28 years old. The pricing has increased significantly due to new energy codes with the major factor being increased insulation which has increased material costs. Because of the increased insulation thickness all roof drains have to be adjusted. The increased slope requirements for drainage and additional insulation costs should be offset by extended roof life expectancy.
2016 - Re-roof the main garage area at Public Works and old vehicle maintenance area
Aligns with the Village's strategic governance goal of providing quality high-value relevant municipal services.

Expenditures	2016	2017	2018	2019	2020	Total
Planning and Design	30,000					30,000
Construction/Maintenance	1,240,000					1,240,000
Total	1,270,000					1,270,000

Funding Sources	2016	2017	2018	2019	2020	Total
020 Capital Improvement Fund	1,270,000					1,270,000
Total	1,270,000					1,270,000

Budget Impact/Other
None

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Village of Mount Prospect, Illinois

Department Public Works - Buildings

Contact Public Works Director

Type Buildings

Useful Life 20 years

Category 706 Public Bldg Const & Impr

Priority 3 Important

Project # PWBU012.0-16
 Project Name Public Works Facility Exterior

New/Established New

Tech Plan Y/N N/A

Description

Total Project Cost: \$275,000

Complete replacement of original installation windows that will be 31 years old at time of replacement in 2019.

Complete exterior maintenance which includes tuck pointing and exterior block sealing in 2020.

Justification

The Public Works Building was constructed in 1988. This structure is in need of general exterior maintenance which includes tuck pointing, power washing, window replacement, concrete restoration and sealing. We will need to contract out professional services to inspect and put together drawings and specs for the needed work to protect the building for many more years to come. (2019/2020)

2019 - Exterior Window Replacement

2020 - Tuck Pointing, Exterior Block Sealing

Aligns with the Village's strategic governance goal of providing quality high-value relevant municipal services.

Expenditures	2016	2017	2018	2019	2020	Total
Construction/Maintenance				200,000	75,000	275,000
Total				200,000	75,000	275,000

Funding Sources	2016	2017	2018	2019	2020	Total
020 Capital Improvement Fund				200,000	75,000	275,000
Total				200,000	75,000	275,000

Budget Impact/Other

None

2016 - 2020 Capital Improvement Plan
Village of Mount Prospect, Illinois

2016 thru 2020

Department Public Works - Buildings
Contact Public Works Director
Type Buildings
Useful Life 25 years
Category 706 Public Bldg Const & Impr
Priority 3 Important

Project # PWBU013.0-16
Project Name Public Works Fire Alarm Upgrade

New/Established New **Tech Plan Y/N** N/A

Description **Total Project Cost:** \$35,000
 Upgrade the fire alarm system in the Public Works building.

Justification
 The fire alarm system at Public Works currently does not meet today's codes and life safety standards. This would include installing pull stations, strobe lights, smoke and fire detectors and tying them into the central dispatch system.
 Aligns with the Village's strategic governance goal of providing quality high-value relevant municipal services.

Expenditures	2016	2017	2018	2019	2020	Total
Construction/Maintenance				35,000		35,000
Total				35,000		35,000

Funding Sources	2016	2017	2018	2019	2020	Total
020 Capital Improvement Fund				35,000		35,000
Total				35,000		35,000

Budget Impact/Other
 Annual monitoring and inspection fees

Budget Items	2016	2017	2018	2019	2020	Total
Contractual Services				1,500	1,500	3,000
Total				1,500	1,500	3,000

2016 - 2020 Capital Improvement Plan
Village of Mount Prospect, Illinois

2016 thru 2020

Department Public Works - Buildings
Contact Public Works Director
Type Buildings
Useful Life 20 years
Category 706 Public Bldg Const & Impr
Priority 5 Future Consideration

Project # PWBU014.0-16
Project Name Village Hall Window Replacement

New/Established New Tech Plan Y/N N/A

Description **Total Project Cost: \$255,000**
 Replace all exterior windows at Village Hall

Justification
 The Village Hall was constructed in 2004 and will be 16 years old in 2019. Manufacture recommends replacement of windows in +/- 20 years. The windows have been inspected recently and recommend replacement in 2020.
 There are 102 windows with an estimated replacement cost of \$2000 per window.
 Aligns with the Village's strategic governance goal of providing quality high-value relevant municipal services.

Expenditures	2016	2017	2018	2019	2020	Total
Planning and Design					30,000	30,000
Construction/Maintenance					225,000	225,000
Total					255,000	255,000

Funding Sources	2016	2017	2018	2019	2020	Total
020 Capital Improvement Fund					255,000	255,000
Total					255,000	255,000

Budget Impact/Other
 None

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Public Works - Buildings

Village of Mount Prospect, Illinois

Contact Public Works Director

Project #	PWBU800.0-AN
Project Name	Other Public Buildings

Type Buildings

Useful Life

Category 706 Public Bldg Const & Impr

New/Established Established

Tech Plan Y/N N/A

Priority 3 Important

Description	Total Project Cost: \$745,000
Improvements to village-owned buildings.	

Justification
Miscellaneous improvements and remodeling at P/F HQ Building, Public Works, Village Hall and outlying fire stations. Upgrade PW training room, and siding for outside garages PW refinish/replace carpeting, tile & ceramic floors as needed, desks, conference tables and chairs, carpeting at PW as needed. We have added a request for additional funds for painting annually. With the increased physical size of the buildings, remodeling projects and severe weather we have been falling behind every year. This would be a 7 year cycle to paint all buildings with high traffic areas be painted bi-annually.
2016 - Contractual Painting at multiple facilities. Replace deck at General Store, Replace Carpet Fire Station 12 Bunk Room. Continue PW Office remodel
Aligns with the Village's strategic governance goal of providing quality high-value relevant municipal services.

Expenditures	2016	2017	2018	2019	2020	Total
Construction/Maintenance	155,000	100,000	160,000	165,000	165,000	745,000
Total	155,000	100,000	160,000	165,000	165,000	745,000

Funding Sources	2016	2017	2018	2019	2020	Total
020 Capital Improvement Fund	155,000	100,000	160,000	165,000	165,000	745,000
Total	155,000	100,000	160,000	165,000	165,000	745,000

Budget Impact/Other
None

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Public Works - Buildings

Village of Mount Prospect, Illinois

Contact Public Works Director

Project #	PWBU801.0-AN
Project Name	HVAC Replacement Program

Type Equipment & Furnishings

Useful Life 20 years

Category 706 Public Bldg Const & Impr

New/Established Established

Tech Plan Y/N N/A

Priority 2 Very Important

Description	Total Project Cost: \$400,000
Replacement of HV/AC units, as needed.	

Justification
Carrier estimates the life expectancy of a roof top unit to be +/- 20 years dependent on usage, overheating, weather exposure and ventilation. PW/PF/Sta 14 have eight (8) cooling units servicing critical server rooms 24/7, span is shorter due to their hours of operation and harsh environments that they run in. Money needs to be provided annually for planned/emergency replacement.
2016 - Replace PW boiler (1988)
2017 - Replace server room A/C units at PW
2018 - Fire Station 12 roof top unit , 4 heating units at PW
2019 - critical cooling units as needed
2020- critical cooling units as needed
2021 - Village Hall 2 units will need replacement
Aligns with the Village's strategic governance goal of providing quality high-value relevant municipal services.

Expenditures	2016	2017	2018	2019	2020	Total
Equip/Vehicles/Furnishings	50,000	25,000	275,000	25,000	25,000	400,000
Total	50,000	25,000	275,000	25,000	25,000	400,000

Funding Sources	2016	2017	2018	2019	2020	Total
020 Capital Improvement Fund	50,000	25,000	275,000	25,000	25,000	400,000
Total	50,000	25,000	275,000	25,000	25,000	400,000

Budget Impact/Other
Potential utility savings due to more efficient HVAC units

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Public Works - Engineering

Village of Mount Prospect, Illinois

Contact Public Works Director

Project #	PWEN001.0-16
Project Name	Bike Route Sign Project

Type Infrastructure
 Useful Life 20 years
 Category 710 Miscellaneous
 Priority 4 Less Important

New/Established New

Tech Plan Y/N N/A

Description	Total Project Cost: \$130,000
Installation of signage and pavement markings to complete Phase I of the Village's Bike Plan.	

Justification
The Bike Plan was approved by the Village Board on February 7, 2012. Phase I will connect the primary destinations in the Village utilizing signage and pavement markings. Aligns with the Village's strategic goal concerning transportation of designing and implementing upgrades, improvements and maintenance for optimum mobility and system sustainability.

Expenditures	2016	2017	2018	2019	2020	Total
Construction/Maintenance	130,000					130,000
Total	130,000					130,000

Funding Sources	2016	2017	2018	2019	2020	Total
023 Street Improvement Construction Fund	130,000					130,000
Total	130,000					130,000

Budget Impact/Other
Annual Maintenance

Budget Items	2016	2017	2018	2019	2020	Total
Commodities & Supplies	500	500	500	500	500	2,500
Total	500	500	500	500	500	2,500

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Village of Mount Prospect, Illinois

Department Public Works - Engineering

Contact Public Works Director

Type Infrastructure

Useful Life 20 years

Category 704 Street Const & Reconst

Priority 3 Important

Project # PWEN002.0-16
 Project Name Emergency Vehicle Preemption System Replacement

New/Established New

Tech Plan Y/N N/A

Description

Total Project Cost: \$405,000

Replace existing Emergency Vehicle Preemption (EVP) system at signalized intersections.

Justification

Upgrade 20 year old Emergency Vehicle Preemption (EVP) system which experiences numerous failures every year and it is becoming very difficult to find replacement parts.

Aligns with the Village's strategic governance goal of providing quality high-value relevant municipal services.

Expenditures	2016	2017	2018	2019	2020	Total
Equip/Vehicles/Furnishings	135,000	135,000	135,000			405,000
Total	135,000	135,000	135,000			405,000

Funding Sources	2016	2017	2018	2019	2020	Total
001 General Fund	135,000	135,000	135,000			405,000
Total	135,000	135,000	135,000			405,000

Budget Impact/Other

None

2016 - 2020 Capital Improvement Plan

2016 *thru* 2020

Department Public Works - Engineering

Village of Mount Prospect, Illinois

Contact Public Works Director

Project #	PWEN003.0-16
Project Name	KBC Jogging Path Rehab

Type Maintenance

Useful Life 20 years

Category 710 Miscellaneous

New/Established New

Tech Plan Y/N N/A

Priority 2 Very Important

Description	Total Project Cost: \$205,000
Rehabilitate asphalt jogging/bike paths in the Kensington Business Center (KBC).	

Justification
<p>2016 will be year three (3) of a 3-year program to replace the jogging paths and path lighting system. The jogging/bike paths in the Kensington Business Center are the Village's maintenance responsibility. The paths are presently over 20 years old and have begun to deteriorate. The asphalt pavement requires reconstruction. The Kensington Business Center jogging path lighting project includes the installation of new wiring, new controllers, bases, poles and fixtures along the path throughout the center.</p> <p>Aligns with the Village's strategic goal concerning transportation of designing and implementing upgrades, improvements and maintenance for optimum mobility and system sustainability.</p>

Expenditures	2016	2017	2018	2019	2020	Total
Construction/Maintenance	45,000					45,000
Equip/Vehicles/Furnishings	160,000					160,000
Total	205,000					205,000

Funding Sources	2016	2017	2018	2019	2020	Total
020 Capital Improvement Fund	205,000					205,000
Total	205,000					205,000

Budget Impact/Other
None

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Public Works - Engineering

Village of Mount Prospect, Illinois

Contact Public Works Director

Project #	PWEN005.0-16
Project Name	Northwest Hwy/Mount Prospect Road Bike Path

Type Infrastructure
 Useful Life 20 years
 Category 705 Resurface-Curbs/Gutters/S
 Priority 3 Important

New/Established New Tech Plan Y/N N/A

Description	Total Project Cost: \$75,000
Install Pedestrian Signals and construct bike path.	

Justification
The Illinois Department of Transportation (IDOT) has initiated a Highway Safety Program (HSP) project at this intersection to improve the safety of the intersection and the adjacent railroad crossing. IDOT has agreed to include the Village's preferred elements to enhance the pedestrian crossing and bike path . This will complete a portion of the Village's Bike Route Plan and in conjunction with a Des Plaines project it will provide a link to the Metra Cumberland Station in Des Plaines. The Village has received CMAQ funds which will provide 80% federal cost share and 20% local cost share (Mount Prospect and Des Plaines) towards the local share of this IDOT project.
Aligns with the Village's strategic goal concerning transportation of designing and implementing upgrades, improvements and maintenance for optimum mobility and system sustainability.

Expenditures	2016	2017	2018	2019	2020	Total
Construction/Maintenance	75,000					75,000
Total	75,000					75,000

Funding Sources	2016	2017	2018	2019	2020	Total
023 Street Improvement Construction Fund	75,000					75,000
Total	75,000					75,000

Budget Impact/Other
None

2016 - 2020 Capital Improvement Plan

2016 *thru* 2020

Department Public Works - Engineering

Village of Mount Prospect, Illinois

Contact Public Works Director

Project #	PWEN006.0-16
Project Name	Rand-Central-MP Road Study

Type Improvements Other than Buil

Useful Life 25 years

Category 704 Street Const & Reconst

New/Established New

Tech Plan Y/N N/A

Priority 2 Very Important

Description	Total Project Cost: \$600,000
Prepare Phase I Engineering Study and Phase II Engineering Design to improve traffic flow through the triangle intersection.	

Justification
Conduct Feasibility Study and design engineering for operational improvements to intersections as specified in the 2015 strategic Plan. Phase I - 2016 Phase II - 2017
Aligns with the Village's strategic goal concerning transportation of designing and implementing upgrades, improvements and maintenance for optimum mobility and system sustainability.

Expenditures	2016	2017	2018	2019	2020	Total
Planning and Design	200,000	400,000				600,000
Total	200,000	400,000				600,000

Funding Sources	2016	2017	2018	2019	2020	Total
001 General Fund	200,000	400,000				600,000
Total	200,000	400,000				600,000

Budget Impact/Other
None

2016 - 2020 Capital Improvement Plan

2016 *thru* 2020

Department Public Works - Engineering

Village of Mount Prospect, Illinois

Contact Public Works Director

Project #	PWEN007.0-16
Project Name	Rand-Elmhurst-Kensington Road Study

Type Improvements Other than Buil

Useful Life 25 years

Category 704 Street Const & Reconst

New/Established Established

Tech Plan Y/N N/A

Priority 2 Very Important

Description	Total Project Cost: \$600,000
Prepare Phase I Engineering Study and Phase II Engineering Design to improve traffic flow through the triangle intersection.	

Justification
Conduct Feasibility Study and design engineering for operational improvements to intersections as specified in the 2015 strategic Plan. Phase I - 2016 Phase II - 2018
Aligns with the Village's strategic goal concerning transportation of designing and implementing upgrades, improvements and maintenance for optimum mobility and system sustainability.

Expenditures	2016	2017	2018	2019	2020	Total
Planning and Design	200,000		400,000			600,000
Total	200,000		400,000			600,000

Funding Sources	2016	2017	2018	2019	2020	Total
001 General Fund	200,000		400,000			600,000
Total	200,000		400,000			600,000

Budget Impact/Other
None

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Village of Mount Prospect, Illinois

Department Public Works - Engineering

Contact Public Works Director

Type Improvements Other than Buil

Useful Life 25 years

Category 705 Resurface-Curbs/Gutters/S

Priority 2 Very Important

Project # PWEN008.0-16
Project Name Streetscape Improvements

New/Established Established

Tech Plan Y/N N/A

Total Project Cost: \$200,000

Description

Parkway improvements including installation of brick sidewalks, planter beds, street lights, and site furniture in the downtown commercial district and other commercial corridors.

Justification

The streetscape improvements in the downtown and other commercial corridors greatly enhance the appearance of the commercial areas thus increasing the economic viability of the commercial businesses within these commercial districts.

2017 Install streetscape along Northwest Hwy between Wille and Main

Aligns with the Village's strategic commercial business district goal of creating a unique and vibrant sense of place, contemporary, family-friendly and having a lively feel.

Expenditures	2016	2017	2018	2019	2020	Total
Construction/Maintenance		200,000				200,000
Total		200,000				200,000

Funding Sources	2016	2017	2018	2019	2020	Total
022 Downtown Redevelopment Construction Fund		200,000				200,000
Total		200,000				200,000

Budget Impact/Other

Contractual services for annual upkeep.

Budget Items	2016	2017	2018	2019	2020	Total
Contractual Services		2,550	2,601	2,653	2,706	10,510
Total		2,550	2,601	2,653	2,706	10,510

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Village of Mount Prospect, Illinois

Department Public Works - Engineering

Contact Public Works Director

Type Equipment & Furnishings

Useful Life 25 years

Category 704 Street Const & Reconst

Priority 3 Important

Project # **PWEN009.0-16**
 Project Name **Traffic Signal Generator Connections**

New/Established New

Tech Plan Y/N N/A

Description **Total Project Cost: \$255,000**
 Modifications to existing traffic signal controllers to facilitate the connection of Village generators.

Justification
 Provide back-up generator connections for operation of traffic signals during power outage for Village maintained signals.
 Aligns with the Village's strategic goal concerning transportation of designing and implementing upgrades, improvements and maintenance for optimum mobility and system sustainability.

Expenditures	2016	2017	2018	2019	2020	Total
Equip/Vehicles/Furnishings					255,000	255,000
Total					255,000	255,000

Funding Sources	2016	2017	2018	2019	2020	Total
001 General Fund					255,000	255,000
Total					255,000	255,000

Budget Impact/Other
 None

2016 - 2020 Capital Improvement Plan

2016 *thru* 2020

Department Public Works - Engineering

Village of Mount Prospect, Illinois

Contact Public Works Director

Project #	PWEN010.0-16
Project Name	Downtown Intersections Study

Type Improvements Other than Bul

Useful Life 25 years

Category 704 Street Const & Reconst

New/Established New

Tech Plan Y/N N/A

Priority 2 Very Important

Description	Total Project Cost: \$600,000
Prepare Phase I Engineering Study and Phase II Engineering Design to improve traffic flow through the downtown signalized intersections of Central-Northwest Highway, Central-Main, Main-Northwest Highway, Emerson-Northwest Highway, and MP Road-Northwest Highway.	

Justification
Conduct Feasibility Study and design engineering for operational improvements to intersections as specified in the 2015 strategic Plan. Phase I - 2016 Phase II - 2019 Aligns with the Village's strategic goal concerning transportation of designing and implementing upgrades, improvements and maintenance for optimum mobility and system sustainability.

Expenditures	2016	2017	2018	2019	2020	Total
Planning and Design	200,000			400,000		600,000
Total	200,000			400,000		600,000

Funding Sources	2016	2017	2018	2019	2020	Total
001 General Fund	200,000			400,000		600,000
Total	200,000			400,000		600,000

Budget Impact/Other
None

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Public Works - Engineering

Village of Mount Prospect, Illinois

Contact Public Works Director

Project #	PWEN801.0-AN
Project Name	New Sidewalks

Type Infrastructure

Useful Life 30 years

Category 705 Resurface-Curbs/Gutters/S

New/Established Established

Tech Plan Y/N N/A

Priority 2 Very Important

Description	Total Project Cost: \$700,000
Install new sidewalk at locations where none currently exist.	

Justification
Large backlog of locations where sidewalks are discontinuous or nonexistent. Currently estimate \$710,000 to install missing sidewalk.
Backlog a result of not funding program for the past several years.
Aligns with the Village's strategic governance goal of providing quality high-value relevant municipal services.

Expenditures	2016	2017	2018	2019	2020	Total
Construction/Maintenance	140,000	160,000	190,000	210,000		700,000
Total	140,000	160,000	190,000	210,000		700,000

Funding Sources	2016	2017	2018	2019	2020	Total
001 General Fund	140,000	160,000	190,000	210,000		700,000
Total	140,000	160,000	190,000	210,000		700,000

Budget Impact/Other
Annual maintenance

Budget Items	2016	2017	2018	2019	2020	Total
Commodities & Supplies	2,000	2,000	2,000	2,000	2,000	10,000
Total	2,000	2,000	2,000	2,000	2,000	10,000

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Public Works - Engineering

Village of Mount Prospect, Illinois

Contact Public Works Director

Project #	PWEN802.0-AN
Project Name	Sidewalk Cost Share Program

Type Improvements Other than Buil

Useful Life 25 years

Category 705 Resurface-Curbs/Gutters/S

New/Established Established

Tech Plan Y/N N/A

Priority 3 Important

Description	Total Project Cost: \$460,000
Remove and replace public sidewalk at resident request. Residents share cost.	

Justification																									
Expands sidewalk improvements at minimal cost. Project costs reflect level of resident participation.																									
<table border="1"> <thead> <tr> <th>Year</th> <th>Cost/ Square Foot</th> <th>Cost / Square</th> <th>Resident Share</th> <th>Village Share</th> </tr> </thead> <tbody> <tr> <td>2014</td> <td>4.95</td> <td>123.75</td> <td>62.50</td> <td>61.25</td> </tr> <tr> <td>2013</td> <td>5.00</td> <td>125.00</td> <td>62.50</td> <td>62.50</td> </tr> <tr> <td>2012</td> <td colspan="4">No Cost Share Program</td> </tr> <tr> <td>2011</td> <td colspan="4">No Cost Share Program</td> </tr> </tbody> </table>	Year	Cost/ Square Foot	Cost / Square	Resident Share	Village Share	2014	4.95	123.75	62.50	61.25	2013	5.00	125.00	62.50	62.50	2012	No Cost Share Program				2011	No Cost Share Program			
Year	Cost/ Square Foot	Cost / Square	Resident Share	Village Share																					
2014	4.95	123.75	62.50	61.25																					
2013	5.00	125.00	62.50	62.50																					
2012	No Cost Share Program																								
2011	No Cost Share Program																								
Aligns with the Village's strategic governance goal of providing quality high-value relevant municipal services.																									

Expenditures	2016	2017	2018	2019	2020	Total
Construction/Maintenance	88,400	90,200	92,000	93,800	95,600	460,000
Total	88,400	90,200	92,000	93,800	95,600	460,000

Funding Sources	2016	2017	2018	2019	2020	Total
001 General Fund	88,400	90,200	92,000	93,800	95,600	460,000
Total	88,400	90,200	92,000	93,800	95,600	460,000

Budget Impact/Other
None

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Public Works - Engineering

Village of Mount Prospect, Illinois

Contact Public Works Director

Project #	PWEN803.0-AN
Project Name	Street Improvement Program

Type Infrastructure

Useful Life 20 years

Category 705 Resurface-Curbs/Gutters/S

New/Established Established

Tech Plan Y/N N/A

Priority 1 Critical

Description	Total Project Cost: \$22,510,000
Resurfacing of Village streets to maintain 20-year life.	

Justification
Repair of Village streets to provide safe and smooth pavement for motorists and to prevent necessity of complete street reconstruction. Materials testing will be conducted as part of this project to verify compliance with project designs and Village codes. Note: 20 year life funding level formula: 6.8 miles x 5,280 feet/mile x \$100/foot.
Aligns with the Village's strategic goal of designing and implementing upgrades, improvements and maintenance to the Village's transportation system, creating optimum mobility and system sustainability.

Expenditures	2016	2017	2018	2019	2020	Total
Planning and Design	4,405,000	4,433,500	4,462,500	4,491,500	4,520,500	22,313,000
Construction/Maintenance	37,000	38,500	39,500	40,500	41,500	197,000
Total	4,442,000	4,472,000	4,502,000	4,532,000	4,562,000	22,510,000

Funding Sources	2016	2017	2018	2019	2020	Total
023 Street Improvement Construction Fund	3,892,000	3,922,000	3,952,000	3,982,000	4,012,000	19,760,000
041 Motor Fuel Tax Fund	550,000	550,000	550,000	550,000	550,000	2,750,000
Total	4,442,000	4,472,000	4,502,000	4,532,000	4,562,000	22,510,000

Budget Impact/Other
Annual crack sealing.

Budget Items	2016	2017	2018	2019	2020	Total
Contractual Services	52,000	53,400	54,101	55,183	56,286	270,970
Total	52,000	53,400	54,101	55,183	56,286	270,970

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Public Works - Engineering

Village of Mount Prospect, Illinois

Contact Public Works Director

Project # PWEN804.0-AN
 Project Name Traffic Calming

Type Infrastructure

Useful Life 25 years

Category 710 Miscellaneous

New/Established Established

Tech Plan Y/N N/A

Priority 4 Less Important

Description **Total Project Cost: \$250,000**
 Implementation of Traffic Improvement Programs including the Traffic Calming Program at locations included in the Street Resurfacing Program and as requested by residents.

Justification
 These improvements are intended to reduce speeding and neighborhood cut-through traffic and improve pedestrian and bike facilities. Projects are determined on an as needed basis by resident requests and staff observations.
 Aligns with the Village's strategic governance goal of providing quality high-value relevant municipal services.

Expenditures	2016	2017	2018	2019	2020	Total
Planning and Design	50,000	50,000	50,000	50,000	50,000	250,000
Total	50,000	50,000	50,000	50,000	50,000	250,000

Funding Sources	2016	2017	2018	2019	2020	Total
023 Street Improvement Construction Fund	50,000	50,000	50,000	50,000	50,000	250,000
Total	50,000	50,000	50,000	50,000	50,000	250,000

Budget Impact/Other
 Annual maintenance of traffic calming areas.

Budget Items	2016	2017	2018	2019	2020	Total
Contractual Services	2,500	2,550	2,601	2,653	2,706	13,010
Total	2,500	2,550	2,601	2,653	2,706	13,010

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Public Works - Engineering

Village of Mount Prospect, Illinois

Contact Public Works Director

Type Maintenance

Useful Life 25 years

Category 704 Street Const & Reconst

Priority 4 Less Important

Project # PWEN805.0-AN

Project Name Traffic Signal Replacement Engineering

New/Established Established

Tech Plan Y/N N/A

Total Project Cost: \$250,000

Description

Engineering studies to review existing traffic signal equipment and pedestrian signals and recommend modifications in response to requests from residents.

Justification

Intersection Studies will determine modifications that can improve the operations of traffic signals within the Village.

Aligns with the Village's strategic goal concerning transportation of designing and implementing upgrades, improvements and maintenance for optimum mobility and system sustainability.

Expenditures	2016	2017	2018	2019	2020	Total
Planning and Design	50,000	50,000	50,000	50,000	50,000	250,000
Total	50,000	50,000	50,000	50,000	50,000	250,000

Funding Sources	2016	2017	2018	2019	2020	Total
041 Motor Fuel Tax Fund	50,000	50,000	50,000	50,000	50,000	250,000
Total	50,000	50,000	50,000	50,000	50,000	250,000

Budget Impact/Other

None

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Village of Mount Prospect, Illinois

Department Public Works - Flood Control

Contact Public Works Director

Type Unassigned

Useful Life 20 years

Category 702 Flood Control Projects

Priority 2 Very Important

Project # PWFC001.0-16
 Project Name McDonald Creek Bank Stabilization

New/Established New

Tech Plan Y/N N/A

Total Project Cost: \$1,500,000

Description

Stabilize creek banks to prevent erosion on banks and remove/trim trees on creek banks and remove silt and debris.

Justification

Reduces chance of flooding due to blockages.

Aligns with the Villages strategic infrastructure goal regarding Flood Control, Water and Sewer. Goal of improving and maintaining infrastructure facilities and systems for public health and safety, to protect our investment in these vital community resources and to protect private property.

Expenditures	2016	2017	2018	2019	2020	Total
Construction/Maintenance				150,000	1,350,000	1,500,000
Total				150,000	1,350,000	1,500,000

Funding Sources	2016	2017	2018	2019	2020	Total
024 Flood Control Construction Fund				150,000	1,350,000	1,500,000
Total				150,000	1,350,000	1,500,000

Budget Impact/Other

None

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Public Works - Flood Control

Village of Mount Prospect, Illinois

Contact Public Works Director

Project #	PWFC002.0-16
Project Name	Detention Pond Improvement - Pond 1

Type Maintenance

Useful Life 15 years

Category 703 Storm Sewer

Priority 2 Very Important

New/Established New

Tech Plan Y/N N/A

Description	Total Project Cost: \$1,000,000
Improve capacity and operation of detention pond system.	

Justification
Village is responsible for maintaining depth of Kensington Business Center detention ponds.
2019 Pond 1 Design 2020 Pond 1 Construction
Aligns with the Villages strategic infrastructure goal regarding Flood Control, Water and Sewer. Goal of improving and maintaining infrastructure facilities and systems for public health and safety, to protect our investment in these vital community resources and to protect private property.

Expenditures	2016	2017	2018	2019	2020	Total	Future
Planning and Design					100,000	100,000	900,000
Total					100,000	100,000	Total

Funding Sources	2016	2017	2018	2019	2020	Total	Future
020 Capital Improvement Fund					100,000	100,000	900,000
Total					100,000	100,000	Total

Budget Impact/Other
None

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Public Works - Flood Control

Village of Mount Prospect, Illinois

Contact Public Works Director

Project #	PWFC003.0-16
Project Name	Detention Pond Improvement - Pond 2

Type Maintenance
 Useful Life 15 years
 Category 703 Storm Sewer
 Priority 2 Very Important

New/Established New

Tech Plan Y/N N/A

Description	Total Project Cost: \$760,000
Improve capacity and operation of detention pond system.	

Justification
Village is responsible for maintaining depth of Kensington Business Center detention ponds.
2018 Pond 2 Construction
Aligns with the Villages strategic infrastructure goal regarding Flood Control, Water and Sewer. Goal of improving and maintaining infrastructure facilities and systems for public health and safety, to protect our investment in these vital community resources and to protect private property.

Expenditures	2016	2017	2018	2019	2020	Total
Construction/Maintenance				760,000		760,000
Total				760,000		760,000

Funding Sources	2016	2017	2018	2019	2020	Total
020 Capital Improvement Fund				760,000		760,000
Total				760,000		760,000

Budget Impact/Other
None

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Village of Mount Prospect, Illinois

Department Public Works - Flood Control

Contact Public Works Director

Type Maintenance

Useful Life 15 years

Category 703 Storm Sewer

Priority 2 Very Important

Project # PWFC004.0-16
 Project Name Detention Pond Improvement - Pond 6

New/Established New

Tech Plan Y/N N/A

Total Project Cost: \$280,000

Description

Improve capacity and operation of detention pond system.

Justification

Village is responsible for maintaining depth of Kensington Business Center detention ponds.

2016 Pond 6 Construction

Aligns with the Villages strategic infrastructure goal regarding Flood Control, Water and Sewer. Goal of improving and maintaining infrastructure facilities and systems for public health and safety, to protect our investment in these vital community resources and to protect private property.

Expenditures	2016	2017	2018	2019	2020	Total
Construction/Maintenance		280,000				280,000
Total		280,000				280,000

Funding Sources	2016	2017	2018	2019	2020	Total
020 Capital Improvement Fund		280,000				280,000
Total		280,000				280,000

Budget Impact/Other

None

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Village of Mount Prospect, Illinois

Department Public Works - Flood Control

Contact Public Works Director

Type Maintenance

Useful Life 15 years

Category 703 Storm Sewer

Priority 2 Very Important

Project # PWFC005.0-16

Project Name Detention Pond Improvement - Pond 6A

New/Established New

Tech Plan Y/N N/A

Description

Total Project Cost: \$290,000

Improve capacity and operation of detention pond system.

Justification

Village is responsible for maintaining depth of Kensington Business Center detention ponds.

2017 Pond 6A Construction

Aligns with the Villages strategic infrastructure goal regarding Flood Control, Water and Sewer. Goal of improving and maintaining infrastructure facilities and systems for public health and safety, to protect our investment in these vital community resources and to protect private property.

Expenditures	2016	2017	2018	2019	2020	Total
Construction/Maintenance			290,000			290,000
Total			290,000			290,000

Funding Sources	2016	2017	2018	2019	2020	Total
020 Capital Improvement Fund			290,000			290,000
Total			290,000			290,000

Budget Impact/Other

None

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Public Works - Flood Control

Village of Mount Prospect, Illinois

Contact Public Works Director

Project #	PWFC006.0-16
Project Name	Detention Pond Improvement - Pond 8

Type Maintenance
 Useful Life 15 years
 Category 703 Storm Sewer
 Priority 2 Very Important

New/Established New Tech Plan Y/N N/A

Description	Total Project Cost: \$500,000
Improve capacity and operation of detention pond system.	

Justification
Village is responsible for maintaining depth of Kensington Business Center detention ponds.
2019 Pond 8 Construction
Aligns with the Villages strategic infrastructure goal regarding Flood Control, Water and Sewer. Goal of improving and maintaining infrastructure facilities and systems for public health and safety, to protect our investment in these vital community resources and to protect private property.

Expenditures	2016	2017	2018	2019	2020	Total
Construction/Maintenance					500,000	500,000
Total					500,000	500,000

Funding Sources	2016	2017	2018	2019	2020	Total
020 Capital Improvement Fund					500,000	500,000
Total					500,000	500,000

Budget Impact/Other
None

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Public Works - Flood Control

Village of Mount Prospect, Illinois

Contact Public Works Director

Project #	PWFC007.0-16
Project Name	Storm Sewer Improvements - Lavergne/Catalpa

Type Infrastructure

Useful Life 50 years

Category 703 Storm Sewer

New/Established New

Tech Plan Y/N N/A

Priority 2 Very Important

Description	Total Project Cost: \$225,000
Construction of storm sewer improvements with the goal of improving collection and conveyance capacity of the system.	

Justification
This improvement is a recommendation of the 2011 Comprehensive Flood Study Improvement would include the replacement of approximately 350 feet of 24" diameter sewer with 36" diameter storm sewer. The improvement would provide a 25 year level of protection. Currently the basin has a 2 year level of protection.
This project aligns with the Village's strategic goal of flood control, water and sewer: Improve and maintain infrastructure facilities and systems for public health and safety, to protect our investment in these vital community resources and to protect private property.

Expenditures	2016	2017	2018	2019	2020	Total
Construction/Maintenance	225,000					225,000
Total	225,000					225,000

Funding Sources	2016	2017	2018	2019	2020	Total
024 Flood Control Construction Fund	225,000					225,000
Total	225,000					225,000

Budget Impact/Other
None

2016 - 2020 Capital Improvement Plan

2016 *thru* 2020

Department Public Works - Flood Control

Village of Mount Prospect, Illinois

Contact Public Works Director

Project #	PWFC008.0-16
Project Name	Storm Sewer Improvements - Palm/Cherrywood

Type Infrastructure

Useful Life 50 years

Category 703 Storm Sewer

New/Established New

Tech Plan Y/N N/A

Priority 2 Very Important

Description	Total Project Cost: \$225,000
Construction of storm sewer improvements with the goal of improving collection and conveyance capacity of the system.	

Justification
This improvement is a recommendation of the 2011 Comprehensive Flood Study Improvement would include the replacement of approximately 400 feet of 18" diameter sewer with 27" diameter storm sewer. The improvement would provide a 25 year level of protection. Currently the basin has a 5 year level of protection.
This project aligns with the Village's strategic goal of flood control, water and sewer: Improve and maintain infrastructure facilities and systems for public health and safety, to protect our investment in these vital community resources and to protect private property.

Expenditures	2016	2017	2018	2019	2020	Total
Construction/Maintenance	225,000					225,000
Total	225,000					225,000

Funding Sources	2016	2017	2018	2019	2020	Total
024 Flood Control Construction Fund	225,000					225,000
Total	225,000					225,000

Budget Impact/Other
None

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Public Works - Flood Control

Village of Mount Prospect, Illinois

Contact Public Works Director

Project #	PWFC009.0-16
Project Name	Weller Creek Silt Removal

Type Maintenance

Useful Life 15 years

Category 702 Flood Control Projects

New/Established New

Tech Plan Y/N N/A

Priority 3 Important

Description	Total Project Cost: \$30,000
Removal of silt and debris that has been deposited in the creek flow line.	

Justification
Reduces chance of flooding due to blockages.
Aligns with the Villages strategic infrastructure goal regarding Flood Control, Water and Sewer. Goal of improving and maintaining infrastructure facilities and systems for public health and safety, to protect our investment in these vital community resources and to protect private property.

Expenditures	2016	2017	2018	2019	2020	Total
Planning and Design			30,000			30,000
Total	30,000					30,000

Funding Sources	2016	2017	2018	2019	2020	Total
024 Flood Control Construction Fund			30,000			30,000
Total	30,000					30,000

Budget Impact/Other
None

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Village of Mount Prospect, Illinois

Department Public Works - Flood Control

Contact Public Works Director

Type Equipment & Furnishings

Useful Life 15 years

Category 702 Flood Control Projects

Priority 3 Important

Project # PWFC010.0-16
 Project Name Levee 37 Standby Emergency Generators

New/Established New

Tech Plan Y/N N/A

Total Project Cost: \$460,000

Description

Install backup emergency power for Levee pumping stations

Justification

In 2012, the Village took over control of two of the three storm water pumping stations that were built along Levee 37. The Village is responsible for the operation and maintenance of these pumping stations and recommend the installation of backup emergency generators to provide secondary power in case of local utility failure.

There are two storm water pumping stations, one with a duplex pump setup and one with a tri-plex pump setup. The project would include the design, acquisition and installation of two generators; one for each station.

Aligns with the Villages strategic infrastructure goal regarding Flood Control, Water and Sewer. Goal of improving and maintaining infrastructure facilities and systems for public health and safety, to protect our investment in these vital community resources and to protect private property.

Expenditures	2016	2017	2018	2019	2020	Total
Planning and Design		30,000	30,000			60,000
Construction/Maintenance		180,000	180,000			360,000
Computer Software/Hardware		20,000	20,000			40,000
Total		230,000	230,000			460,000

Funding Sources	2016	2017	2018	2019	2020	Total
024 Flood Control Construction Fund		230,000	230,000			460,000
Total		230,000	230,000			460,000

Budget Impact/Other

Annual fuel and maintenance costs are highly dependent on use and weather
 Staff estimates an average cost of \$5,000 per year.

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Public Works - Flood Control

Village of Mount Prospect, Illinois

Contact Public Works Director

Project #	PWFC011.0-16
Project Name	Emergency Pumping Levee 37

Type Equipment & Furnishings

Useful Life 20 years

Category 702 Flood Control Projects

New/Established New

Tech Plan Y/N N/A

Priority 3 Important

Description	Total Project Cost: \$85,000
Skid mount 12" pump mounted on a trailer capable of pumping 7800 GPM to assist in dewatering the storm sewer system in basins tributary to Levee 37	

Justification
During high Des Plaines river levels Tideflex valves installed in storm sewer outfalls protect the neighboring subdivision from becoming inundated with river water backing up through the storm sewer system . This also prevents water from exiting the neighborhood. In extreme rain events the pumping stations located at the levee need to be augmented with portable pumps. The Village currently employs four 6" pumps each capable of pumping 1,500GPM. Addition of 12" pump will increase pumping capability in sever events.
Aligns with the Villages strategic infrastructure goal regarding Flood Control, Water and Sewer. Goal of improving and maintaining infrastructure facilities and systems for public health and safety, to protect our investment in these vital community resources and to protect private property.

Expenditures	2016	2017	2018	2019	2020	Total
Equip/Vehicles/Furnishings	85,000					85,000
Total	85,000					85,000

Funding Sources	2016	2017	2018	2019	2020	Total
024 Flood Control Construction Fund	85,000					85,000
Total	85,000					85,000

Budget Impact/Other
Maintenance and repairs

Budget Items	2016	2017	2018	2019	2020	Total
Commodities & Supplies	500	510	520	531	541	2,602
Total	500	510	520	531	541	2,602

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Public Works - Flood Control

Village of Mount Prospect, Illinois

Contact Public Works Director

Project #	PWFC800.0-AN
Project Name	Neighborhood Drainage Improvements

Type Improvements Other than Bul

Useful Life 30 years

Category 702 Flood Control Projects

New/Established Established

Tech Plan Y/N N/A

Priority 3 Important

Description	Total Project Cost: \$500,000
Construction of drainage improvements to alleviate neighborhood flooding problems.	

Justification
Village Board approved use of funds to resolve most critical sites, with property owners contributing up to \$5,000 per location. Currently 24 sites on list. Note: This funding level will allow construction of approximately 5 locations per year. Aligns with the Villages strategic infrastructure goal regarding Flood Control, Water and Sewer. Goal of improving and maintaining infrastructure facilities and systems for public health and safety, to protect our investment in these vital community resources and to protect private property.

Expenditures	2016	2017	2018	2019	2020	Total
Construction/Maintenance	100,000	100,000	100,000	100,000	100,000	500,000
Total	100,000	100,000	100,000	100,000	100,000	500,000

Funding Sources	2016	2017	2018	2019	2020	Total
024 Flood Control Construction Fund	100,000	100,000	100,000	100,000	100,000	500,000
Total	100,000	100,000	100,000	100,000	100,000	500,000

Budget Impact/Other
None

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Public Works - Flood Control

Village of Mount Prospect, Illinois

Contact Public Works Director

Project #	PWFC802.0-AN
Project Name	Storm Sewer Inspection Program

Type Infrastructure

Useful Life

Category 703 Storm Sewer

New/Established Established

Tech Plan Y/N N/A

Priority 2 Very Important

Description	Total Project Cost: \$500,000
Clean, televise and inspection of all Village owned storm sewers.	

Justification
With the new NPDES (National Pollutant Discharge Elimination System) regulations we are required to inventory and inspect all storm sewers regularly. We have already inventoried our existing storm sewer system to identify any potential problems and prevent future failures. This satisfies one of the Best Management Practices required under the NPDES standards for MS4 systems to minimize and prevent any unnecessary infiltration of pollutants.
There are approximately 123 miles of storm sewers. Proposed 10-year inspection cycle.
Aligns with the Villages strategic infrastructure goal regarding Flood Control, Water and Sewer. Goal of improving and maintaining infrastructure facilities and systems for public health and safety, to protect our investment in these vital community resources and to protect private property.

Expenditures	2016	2017	2018	2019	2020	Total
Other	100,000	100,000	100,000	100,000	100,000	500,000
Total	100,000	100,000	100,000	100,000	100,000	500,000

Funding Sources	2016	2017	2018	2019	2020	Total
024 Flood Control Construction Fund	100,000	100,000	100,000	100,000	100,000	500,000
Total	100,000	100,000	100,000	100,000	100,000	500,000

Budget Impact/Other
None

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Public Works - Forestry

Village of Mount Prospect, Illinois

Contact Public Works Director

Project #	PWFO001.0-16
Project Name	Ash Replacement Plantings

Type Improvements Other than Buil

Useful Life

Category 710 Miscellaneous

New/Established Established

Tech Plan Y/N N/A

Priority 3 Important

Description	Total Project Cost: \$125,000
Planting of replacement trees necessitated by the expected removal in the next 2 years of all but about 792 Ash trees from the public right-of-way, due to Emerald Ash Borer.	

Justification
EAB was found in Mount Prospect in Fall 2010.
The estimated average cost of a 2.5" tree is \$299.00 in March 2015.
We estimate a 10% per year price increase due to nursery shortages caused by increasing demand region-wide for replacing trees lost due to EAB.
NOTE: There is enough evidence about how EAB spreads to know that losses typically follow a predictable "death curve". Based on this, our loss rate increased exponentially during the first few years after discovery. It has peaked and is now tapering off. Thus, we plan to remove and replace approximately 250 ashes in 2016 and the remaining 101 trees in 2017. We expect the majority of parkway ash trees to be gone by 2018, with the exception of those we are treating, and those that have escaped infestation.
Aligns with the Village's strategic infrastructure goal of environmental sensibility in which we strive to honor the natural environment's importance to community quality of life through strategic public investment.

Expenditures	2016	2017	2018	2019	2020	Total
Other	85,000	40,000				125,000
Total	85,000	40,000				125,000

Funding Sources	2016	2017	2018	2019	2020	Total
001 General Fund	85,000	40,000				125,000
Total	85,000	40,000				125,000

Budget Impact/Other
Not known at this time

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Public Works - Forestry

Contact Public Works Director

Village of Mount Prospect, Illinois

Type Improvements Other than Buil

Useful Life

Category 710 Miscellaneous

Priority 2 Very Important

Project #	PWFO002.0-16
Project Name	Ash Tree and Stump Removals

New/Established Established

Tech Plan Y/N N/A

Description

Total Project Cost: **\$161,500**

Systematic tree removal and stump grinding of all Ash trees from public right-of-way over a 2 year period due to the infestation of Emerald Ash Borer. This excludes approximately 800 ash trees that are being treated for EAB.

Justification

EAB was found in Mount Prospect in Fall 2010. This plan assumes we will remove the remaining 351 EAB-infested trees over the final 2 years and plant one replacement for each removal.

Now that EAB is in Mount Prospect, once a parkway tree is infested, it must be removed between 10 and 30 days after confirmation (depending on time of year). (A small number of these may be delayed temporarily if residents opt to treat them.)

NOTE: There is enough evidence about how EAB spreads to know that losses typically follow a predictable "death curve". Based on this, our loss rate increased exponentially during the first few years after discovery. It has peaked and is now tapering off. Thus, we plan to remove approximately 250 ashes in 2016 and the remaining 101 trees in 2017. We expect the majority of parkway ash trees to be gone by 2018, with the exception of those we are treating, and those that have escaped infestation.

Total cost to remove and grind the 351 remaining ashes not being treated by the village, starting with 2015 contract prices, but increased annually with a 6% inflation rate would be \$160,910.00. See below for yearly projected costs over time.

Aligns with the Village's strategic infrastructure goal of environmental sensibility in which we strive to honor the natural environment's importance to community quality of life through strategic public investment.

Expenditures	2016	2017	2018	2019	2020	Total
Other	114,500	47,000				161,500
Total	114,500	47,000				161,500

Funding Sources	2016	2017	2018	2019	2020	Total
001 General Fund	114,500	47,000				161,500
Total	114,500	47,000				161,500

Budget Impact/Other

None

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Village of Mount Prospect, Illinois

Department Public Works - Forestry

Contact Public Works Director

Type Maintenance

Useful Life 20 years

Category 710 Miscellaneous

Priority 4 Less Important

Project # **PWFO003.0-16**
 Project Name **Prospect Ave. Block Wall Construction**

New/Established Established

Tech Plan Y/N

Total Project Cost: **\$105,000**

Description

The reconstruction of five block retaining walls along the northeast side of Prospect Avenue, over 3 years.

Justification

The reconstruction of five block retaining walls along the northeast side of Prospect Avenue. All five of these walls are located on the public right-of-way between Central Road and Mt. Prospect Road. The project is expected to take three years to complete.

There are a total of six retaining walls along Prospect Ave. One wall was reconstructed in 2013 at a cost of approximately \$20,000. The remaining walls have settled unevenly over time and are now coming apart in places. I would propose that we reconstruct two walls in 2017, two walls in 2018, and one wall, the largest, in 2019.

Expenditures	2016	2017	2018	2019	2020	Total
Construction/Maintenance		40,000	40,000	25,000		105,000
Total		40,000	40,000	25,000		105,000

Funding Sources	2016	2017	2018	2019	2020	Total
001 General Fund		40,000	40,000	25,000		105,000
Total		40,000	40,000	25,000		105,000

Budget Impact/Other

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Public Works - Forestry

Village of Mount Prospect, Illinois

Contact Public Works Director

Project # **PWFO801.0-AN**
 Project Name **Tree Planting Program**

Type Improvements Other than Buil

Useful Life

Category 710 Miscellaneous

Priority 2 Very Important

New/Established Established

Tech Plan Y/N N/A

Total Project Cost: **\$1,089,000**

Description

Planting trees in public rights-of-way and village-owned properties. The village currently owns approximately 23,460 parkway trees.

Justification

Goal is to plant approximately 610 trees each year. 450-660 trees removed each year, excluding EAB removals. Estimated 10% per year price increase due to nursery shortages caused by increasing demand region-wide for replacing trees lost due to EAB. (The figures below assume a return to the planting programs/quantities we had proposed prior to the major budget reductions of the past few years).

Programs	2016	2017	2018	2019	2020
Reforestation	42,900	47,190	51,909	57,100	62,810
Tree Repl (V)	57,454	63,574	70,307	77,713	85,856
Tree Repl (S)	67,913	74,329	81,387	89,151	97,691
Public	9,922	10,914	12,006	13,206	14,527

Note: Reforestation is 1 1/2" free trees; Tree Repl (V) = Tree Replace Village and includes hazard, miscellaneous trees, and ComEd replacements. Tree Repl (S) = Tree Replacement Shared; these trees are paid with donated funds. They include full cost, accidents, new construction, and ComEd trees. Public = Trees planted on public property for beautification. (Estimated planting totals: 140 full cost, 30 utility, 40 hazards, 40 new construction, 130 miscellaneous, 10 accident, 20 beautification and 200 reforestation).

Aligns with the Village's strategic infrastructure goal of environmental sensibility in which we strive to honor the natural environment's importance to community quality of life through strategic public investment.

Expenditures	2016	2017	2018	2019	2020	Total
Other	179,000	196,000	216,000	237,000	261,000	1,089,000
Total	179,000	196,000	216,000	237,000	261,000	1,089,000

Funding Sources	2016	2017	2018	2019	2020	Total
001 General Fund	179,000	196,000	216,000	237,000	261,000	1,089,000
Total	179,000	196,000	216,000	237,000	261,000	1,089,000

Budget Impact/Other

None - The addition of new trees is expected to be approximately offset by the removal of old or decaying trees.

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Village of Mount Prospect, Illinois

Department Public Works - Parking

Contact Public Works Director

Type Improvements Other than Bul

Useful Life 20 years

Category 706 Public Bldg Const & Impr

Priority 3 Important

Project # **PWPA001.0-16**
 Project Name **Parking Lot Improvements**

New/Established New

Tech Plan Y/N N/A

Total Project Cost: **\$25,000**

Description

Repair curb and resurface parking lot at Fire Station 12 (Golf Rd).

Justification

Parking lot pavements have begun to fail and are in need of resurfacing before deterioration progresses to a point where complete reconstruction is required.

Aligns with the Village's strategic governance goal of providing quality high-value relevant municipal services.

Expenditures	2016	2017	2018	2019	2020	Total
Construction/Maintenance				25,000		25,000
Total				25,000		25,000

Funding Sources	2016	2017	2018	2019	2020	Total
020 Capital Improvement Fund				25,000		25,000
Total				25,000		25,000

Budget Impact/Other

None

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Public Works - Parking

Village of Mount Prospect, Illinois

Contact Public Works Director

Project #	PWPA800.0-AN
Project Name	Village Hall Parking Deck Maintenance

Type Buildings

Useful Life

Category 706 Public Bldg Const & Impr

New/Established Established

Tech Plan Y/N N/A

Priority 3 Important

Description	Total Project Cost: \$250,000
<p>2010 engineering firm report revised in 2012 recommending a maintenance program for the 10 year old parking deck attached to the Village Hall. Based on the inspection and report maintenance needs over the next five years will be \$250,000.</p>	

Justification
<p>Based on engineering recommendation and adjustment for inflation and escalation we are recommending a budget of \$50,000 annually for such maintenance items as floor spalls, maintenance to caulk and floor joints, water proofing as needed, expansion joint replacement, and miscellaneous other repairs as needed due to the natural aging and wear an tear.</p> <p>Aligns with the Village's strategic governance goal of providing quality high-value relevant municipal services.</p>

Expenditures	2016	2017	2018	2019	2020	Total
Construction/Maintenance	50,000	50,000	50,000	50,000	50,000	250,000
Total	50,000	50,000	50,000	50,000	50,000	250,000

Funding Sources	2016	2017	2018	2019	2020	Total
051 Village Parking System Fund	50,000	50,000	50,000	50,000	50,000	250,000
Total	50,000	50,000	50,000	50,000	50,000	250,000

Budget Impact/Other
None

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Village of Mount Prospect, Illinois

Department Public Works - Parking

Contact Public Works Director

Type Buildings

Useful Life 10 years

Category 706 Public Bldg Const & Impr

Priority 3 Important

Project # PWPA802.0-AN
 Project Name Village Hall Parking Deck Maintenance - Painting

New/Established New

Tech Plan Y/N N/A

Description

Total Project Cost: \$500,000

2010 engineering firm report revised in 2012 recommending a maintenance program for the 10 year old parking deck attached to the Village Hall. Based on the inspection and report maintenance needs over the next five years will be \$250,000.

Justification

Based an engineering recommendation the Village Hall parking deck should be painted every ten years. The deck was originally constructed in 2004.

2015 cost estimates \$100,000 to paint an individual level. The garage has five parking levels.

Aligns with the Village's strategic governance goal of providing quality high-value relevant municipal services.

Expenditures	2016	2017	2018	2019	2020	Total
Construction/Maintenance	100,000	100,000	100,000	100,000	100,000	500,000
Total	100,000	100,000	100,000	100,000	100,000	500,000

Funding Sources	2016	2017	2018	2019	2020	Total
051 Village Parking System Fund	100,000	100,000	100,000	100,000	100,000	500,000
Total	100,000	100,000	100,000	100,000	100,000	500,000

Budget Impact/Other

None

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Public Works - Streets

Village of Mount Prospect, Illinois

Contact Public Works Director

Project #	PWST800.0-AN
Project Name	Streetlight Improvements

Type Improvements Other than Bul

Useful Life 25 years

Category 705 Resurface-Curbs/Gutters/S

New/Established Established

Tech Plan Y/N N/A

Priority 3 Important

Description	Total Project Cost: \$360,000
Replacement of existing street lights as condition and age necessitates.	

Justification
Install new streetlights to improve traffic safety at various locations on Village streets.
The Village owns 540 aluminum poles (non-black) throughout the Village, with 165 of the poles installed before 1990. With the poles exceeding 25 years in age it would be prudent to begin a systematic replacement. Staff is inspection and replacement of 25 streetlight poles per year. Approximate replacement cost is \$2,250 per pole.
Aligns with the Village's strategic governance goal of providing quality high-value relevant municipal services.

Expenditures	2016	2017	2018	2019	2020	Total
Equip/Vehicles/Furnishings	60,000	75,000	75,000	75,000	75,000	360,000
Total	60,000	75,000	75,000	75,000	75,000	360,000

Funding Sources	2016	2017	2018	2019	2020	Total
020 Capital Improvement Fund	60,000	75,000	75,000	75,000	75,000	360,000
Total	60,000	75,000	75,000	75,000	75,000	360,000

Budget Impact/Other

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Public Works - Streets

Village of Mount Prospect, Illinois

Contact Public Works Director

Project #	PWST801.0-AN
Project Name	Streetlight Improvements LED Retrofits

Type Equipment & Furnishings

Useful Life 20 years

Category 705 Resurface-Curbs/Gutters/S

New/Established New

Tech Plan Y/N N/A

Priority 4 Less Important

Description	Total Project Cost: \$150,000
Retrofit of existing streetlights to LED technology.	

Justification
Staff seeks to consider the conversion of existing mercury vapor streetlights to energy having LED technology. The Village owns and maintains over 900 streetlights. This effort will be a multi-year project and staff will perform a cost-benefit analysis prior to LED retrofits.
Based on our experience with the conversion of approximately 40 streetlights in KBC to LED. Staff expects to see a ROI of 5.6 years.
Aligns with the Village's strategic infrastructure goal of environmental sensibility by honoring the natural environment's importance to community quality of life through strategic public investment.

Expenditures	2016	2017	2018	2019	2020	Total
Equip/Vehicles/Furnishings			50,000	50,000	50,000	150,000
Total			50,000	50,000	50,000	150,000

Funding Sources	2016	2017	2018	2019	2020	Total
020 Capital Improvement Fund			50,000	50,000	50,000	150,000
Total			50,000	50,000	50,000	150,000

Budget Impact/Other

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Public Works - Vehicle

Village of Mount Prospect, Illinois

Contact Public Works Director

Project #	PWVE002.0-16
Project Name	Vehicle Lifts

Type Equipment & Furnishings

Useful Life 20 years

Category 708 Vehicles and Auto Equip

New/Established Established

Tech Plan Y/N N/A

Priority 4 Less Important

Description	Total Project Cost: \$275,000
Replace all major lift components - two (2) in-ground truck lifts	

Justification
The in-ground truck lifts were originally purchased and installed in 1988 when the PW building was built. This lift replacement program will replace aging vehicle lifts that have exceeded their twenty (20) year life expectancy. Failure to replace these lifts in a timely manor may compromise our safety and significantly increase the possibility of expensive major failures. The initial replacement year shall include replacing the hydraulic pumps, motors, tank and piping to both lifts. The second year shall include sealing/patching the concrete floor in both bays to complete the project. 4% cost increase in 2018, less hydraulic pumps, motors and tank. Aligns with the Village's strategic governance goal of providing quality high-value relevant municipal services.

Expenditures	2016	2017	2018	2019	2020	Total
Equip/Vehicles/Furnishings			135,000	140,000		275,000
Total			135,000	140,000		275,000

Funding Sources	2016	2017	2018	2019	2020	Total
020 Capital Improvement Fund			135,000	140,000		275,000
Total			135,000	140,000		275,000

Budget Impact/Other
None

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Public Works - Water/Sewer

Village of Mount Prospect, Illinois

Contact Public Works Director

Project #	PWWS001.0-16
Project Name	Locating & Leak Detection Equipment

Type Equipment & Furnishings

Useful Life 10 years

Category 700 Water System

New/Established New

Tech Plan Y/N N/A

Priority 3 Important

Description	Total Project Cost: \$80,000
Replacement of existing locating equipment and leak detection equipment.	

Justification
This equipment is used to locate the Village's underground utilities. It also aides crews in determining the location of water main breaks out in the field. The Village last purchased the current system in 2006. The normal replacement cycle for this type of equipment is roughly 10 years. We are looking to replace the existing equipment with a more modern, up-to-date system and stay current with industry trends.
Aligns with the Village's strategic infrastructure goal regarding flood control, water and sewer. Goal of improving and maintaining infrastructure facilities and systems for public health and safety, to protect our investment in these vital community resources and to protect private property.

Expenditures	2016	2017	2018	2019	2020	Total
Equip/Vehicles/Furnishings	80,000					80,000
Total	80,000					80,000

Funding Sources	2016	2017	2018	2019	2020	Total
050 Water and Sewer Fund	80,000					80,000
Total	80,000					80,000

Budget Impact/Other
Repair and calibration costs annually.

Budget Items	2016	2017	2018	2019	2020	Total
Contractual Services	500	510	520	531	541	2,602
Total	500	510	520	531	541	2,602

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Public Works - Water/Sewer

Village of Mount Prospect, Illinois

Contact Public Works Director

Project #	PWWS002.0-16
Project Name	Televising Camera System Upgrades

Type Equipment & Furnishings

Useful Life 15 years

Category 700 Water System

New/Established New

Tech Plan Y/N N/A

Priority 3 Important

Description	Total Project Cost: \$170,000
Purchase of new televising cameras/transporters for CCTV truck 2737 to upgrade current system.	

Justification
<p>This equipment is used to televise various sized sewers that the Village maintains throughout town. Our last camera purchase was in 2007. The current camera/transporter system has had numerous repairs that has prohibited staff from televising sewers during the repair downtime. The current equipment is experiencing numerous failures. The new camera that is capable of televising sewers 6" to 24" in diameter. The new Lateral Evaluation Televising System (LETS) which will allow staff to televise service laterals. This would benefit property owners informing them of issues with their service lateral. I&I sources could also be investigated.</p> <p>Aligns with the Villages strategic infrastructure goal regarding Flood Control, Water and Sewer. Goal of improving and maintaining infrastructure facilities and systems for public health and safety, to protect our investment in these vital community resources and to protect private property.</p>

Expenditures	2016	2017	2018	2019	2020	Total
Equip/Vehicles/Furnishings		80,000	90,000			170,000
Total		80,000	90,000			170,000

Funding Sources	2016	2017	2018	2019	2020	Total
050 Water and Sewer Fund		80,000	90,000			170,000
Total		80,000	90,000			170,000

Budget Impact/Other
Annual maintenance.

Budget Items	2016	2017	2018	2019	2020	Total
Contractual Services	2,000	2,040	2,081	2,122	2,165	10,408
Total	2,000	2,040	2,081	2,122	2,165	10,408

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Public Works - Water/Sewer

Village of Mount Prospect, Illinois

Contact Public Works Director

Project # PWWS003.0-16
Project Name Water Facility Roof Rehab-Well House #4

Type Maintenance
Useful Life 20 years
Category 700 Water System
Priority 3 Important

New/Established New **Tech Plan Y/N** N/A

Description **Total Project Cost: \$65,000**
 Roof repairs/replacement for the water booster and lift station buildings.
 Huntington Lift - Well House #4

Justification
 In 2012, Staff hired a roofing consultant to inspect and inventory all reservoir and lift station roofs. Based on this analysis, a prioritized capital plan was prepared to spread out the repair/replacement costs over the next several years. Market prices have risen drastically for roofing materials. This project would only address the shingle roof of the booster station.
 The reservoirs rubber membrane roof will be inspected with minor repairs, if any.
 Aligns with the Village's strategic governance goal of providing quality high-value relevant municipal services.

Expenditures	2016	2017	2018	2019	2020	Total
Construction/Maintenance	65,000					65,000
Total	65,000					65,000

Funding Sources	2016	2017	2018	2019	2020	Total
050 Water and Sewer Fund	65,000					65,000
Total	65,000					65,000

Budget Impact/Other
 Roof inspections are done every five (5) years at a cost of approx. \$8,000
 Minor roof repairs are accounted for in the operating budget.

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Village of Mount Prospect, Illinois

Department Public Works - Water/Sewer

Contact Public Works Director

Type Maintenance

Useful Life 20 years

Category 700 Water System

Priority 3 Important

Project #	PWWS004.0-16
Project Name	Water Facility Roof Rehab-Station #11

New/Established New

Tech Plan Y/N N/A

Description	Total Project Cost: \$70,000
Replacement of existing flat-roof at Booster Station 11.	

Justification
In 2012, Staff hired a roofing consultant to inspect and inventory all reservoir and lift station roofs. Based on this analysis, a prioritized capital plan was prepared to spread out the repair/replacement costs over the next several years. Market prices have risen drastically for roofing materials.
Aligns with the Villages strategic infrastructure goal regarding Flood Control, Water and Sewer. Goal of improving and maintaining infrastructure facilities and systems for public health and safety, to protect our investment in these vital community resources and to protect private property.

Expenditures	2016	2017	2018	2019	2020	Total
Construction/Maintenance		70,000				70,000
Total		70,000				70,000

Funding Sources	2016	2017	2018	2019	2020	Total
050 Water and Sewer Fund		70,000				70,000
Total		70,000				70,000

Budget Impact/Other
Roof inspections are done every five (5) years at a cost of approx. \$8,000 Minor roof repairs are accounted for in the operating budget.

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Village of Mount Prospect, Illinois

Department Public Works - Water/Sewer

Contact Public Works Director

Type Maintenance

Useful Life 20 years

Category 700 Water System

Priority 3 Important

Project # PWWS005.0-16
 Project Name Water Facility Roof Rehab-Station #16

New/Established New

Tech Plan Y/N N/A

Total Project Cost: \$70,000

Description

Replace existing flat-roof at Booster Station 16.

Justification

In 2012, Staff hired a roofing consultant to inspect and inventory all reservoir and lift station roofs. Based on this analysis, a prioritized capital plan was prepared to spread out the repair/replacement costs over the next several years. Market prices have risen drastically for roofing materials.

Aligns with the Villages strategic infrastructure goal regarding Flood Control, Water and Sewer. Goal of improving and maintaining infrastructure facilities and systems for public health and safety, to protect our investment in these vital community resources and to protect private property.

Expenditures	2016	2017	2018	2019	2020	Total
Construction/Maintenance			70,000			70,000
Total			70,000			70,000

Funding Sources	2016	2017	2018	2019	2020	Total
050 Water and Sewer Fund			70,000			70,000
Total			70,000			70,000

Budget Impact/Other

Roof inspections are done every five (5) years at a cost of approx. \$8,000
 Minor roof repairs are accounted for in the operating budget.

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Public Works - Water/Sewer

Village of Mount Prospect, Illinois

Contact Public Works Director

Project #	PWWS006.0-16
Project Name	Water Tank Rehabilitation-Reservoir 5-1

Type Infrastructure
 Useful Life 20 years
 Category 700 Water System
 Priority 2 Very Important

New/Established New Tech Plan Y/N N/A

Description	Total Project Cost: \$675,000
Inspection, repair, and coating of interior and exterior surfaces of water storage tank 5-1 located at Booster Station 5.	

Justification
Maintenance of water storage tanks is necessary to maintain sanitary conditions and preserve structural integrity. Existing water storage capacity is required to satisfy IEPA and JAWA requirements and maintain ISO fire ratings. Water tanks are inspected and repaired/repainted on a rotating basis.
Aligns with the Villages strategic infrastructure goal regarding Flood Control, Water and Sewer. Goal of improving and maintaining infrastructure facilities and systems for public health and safety, to protect our investment in these vital community resources and to protect private property.

Expenditures	2016	2017	2018	2019	2020	Total
Planning and Design			75,000			75,000
Construction/Maintenance			600,000			600,000
Total			675,000			675,000

Funding Sources	2016	2017	2018	2019	2020	Total
050 Water and Sewer Fund			675,000			675,000
Total			675,000			675,000

Budget Impact/Other
Approximately \$3,000 per year for cathodic protection system maintenance Approximately \$7,000 for one tank per year for structural integrity inspections

Budget Items	2016	2017	2018	2019	2020	Total
Contractual Services			10,000	10,000	10,000	30,000
Total			10,000	10,000	10,000	30,000

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Public Works - Water/Sewer

Village of Mount Prospect, Illinois

Contact Public Works Director

Type Infrastructure

Useful Life 20 years

Category 700 Water System

Priority 2 Very Important

Project # PWWS007.0-16
 Project Name Water Tank Rehabilitation-Reservoir 17

New/Established New

Tech Plan Y/N N/A

Description **Total Project Cost: \$650,000**
 Inspection, repair, and coating of interior and exterior surfaces of water storage tank located at Booster Station 17.

Justification
 Maintenance of water storage tanks is necessary to maintain sanitary conditions and preserve structural integrity. Existing water storage capacity is required to satisfy IEPA and JAWA requirements and maintain ISO fire ratings. Water tanks are inspected and repaired/repainted on a rotating basis.
 Aligns with the Villages strategic infrastructure goal regarding Flood Control, Water and Sewer. Goal of improving and maintaining infrastructure facilities and systems for public health and safety, to protect our investment in these vital community resources and to protect private property.

Expenditures	2016	2017	2018	2019	2020	Total
Planning and Design	75,000					75,000
Construction/Maintenance	575,000					575,000
Total	650,000					650,000

Funding Sources	2016	2017	2018	2019	2020	Total
050 Water and Sewer Fund	650,000					650,000
Total	650,000					650,000

Budget Impact/Other
 Approximately \$3,000 per year for cathodic protection system maintenance
 Approximately \$7,000 for one tank per year for structural integrity inspections

Budget Items	2016	2017	2018	2019	2020	Total
Contractual Services	10,000	10,000	10,000	10,000	10,000	50,000
Total	10,000	10,000	10,000	10,000	10,000	50,000

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Public Works - Water/Sewer

Village of Mount Prospect, Illinois

Contact Public Works Director

Project #	PWWS008.0-16
Project Name	Wireless Telemetry System Remote Pressure Stations

Type Equipment & Furnishings

Useful Life 20 years

Category 700 Water System

New/Established Established

Tech Plan Y/N N/A

Priority 2 Very Important

Description	Total Project Cost: \$325,000
Install remote pressure stations to monitor pressures in the water system.	

Justification
<p>The Village's water and wastewater system is monitored by a wireless telemetry system, commonly referred to as a SCADA system. This system was initially installed in 2003 and has performed exceedingly well over the years helping to monitor the utility system's pumps, motors, backup generators, lift stations, relief stations and other vital parts of the Village's infrastructure that need monitoring.</p> <p>To address new or pending IEPA and EPA regulations on water quality issues improvements are needed at the booster pumping stations. In 2014, we began the design of remote pressure monitoring stations to assist the Village in meeting pressure requirements. Each remote pressure monitoring station is approx. \$65,000 per site along with associated design and SCADA programming costs. Six (6) sites were originally recommended.</p> <p>Aligns with the Villages strategic infrastructure goal regarding Flood Control, Water and Sewer. Goal of improving and maintaining infrastructure facilities and systems for public health and safety, to protect our investment in these vital community resources and to protect private property.</p>

Expenditures	2016	2017	2018	2019	2020	Total
Equip/Vehicles/Furnishings	65,000	65,000	65,000	65,000	65,000	325,000
Total	65,000	65,000	65,000	65,000	65,000	325,000

Funding Sources	2016	2017	2018	2019	2020	Total
050 Water and Sewer Fund	65,000	65,000	65,000	65,000	65,000	325,000
Total	65,000	65,000	65,000	65,000	65,000	325,000

Budget Impact/Other
Annual cost to inspect and maintain each station.

Budget Items	2016	2017	2018	2019	2020	Total
Contractual Services	1,000	2,000	3,000	4,000	5,000	15,000
Total	1,000	2,000	3,000	4,000	5,000	15,000

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Public Works - Water/Sewer

Village of Mount Prospect, Illinois

Contact Public Works Director

Project #	PWWS009.0-16
Project Name	Wireless Telemetry System Upgrade-PLC Upgrades

Type Equipment & Furnishings

Useful Life 15 years

Category 700 Water System

New/Established Established

Tech Plan Y/N N/A

Priority 1 Critical

Description	Total Project Cost: \$160,000
Upgrade SCADA telemetry to improve water quality and system operation.	

Justification
The Village's water and wastewater system is monitored by a wireless telemetry system, commonly referred to as a SCADA system. This system was initially installed in 2003 and has performed exceedingly well over the years helping to monitor the utility systems' pumps, motors, backup generators, lift stations relief stations and other vital parts of the Village's infrastructure the need monitoring.
In 2017, staff will begin updating the SCADA PLCS and other equipment in the stations as the gear will be over 15 years old, will have been used continuously 24/7 and is at the end of its useful life.
Aligns with the Villages strategic infrastructure goal regarding Flood Control, Water and Sewer. Goal of improving and maintaining infrastructure facilities and systems for public health and safety, to protect our investment in these vital community resources and to protect private property.

Expenditures	2016	2017	2018	2019	2020	Total
Equip/Vehicles/Furnishings		40,000	40,000	40,000	40,000	160,000
Total		40,000	40,000	40,000	40,000	160,000

Funding Sources	2016	2017	2018	2019	2020	Total
050 Water and Sewer Fund		40,000	40,000	40,000	40,000	160,000
Total		40,000	40,000	40,000	40,000	160,000

Budget Impact/Other
Less than \$5,000 worth of chemicals, parts, labor and other materials will be needed annually to calibrate the sampling equipment.

Budget Items	2016	2017	2018	2019	2020	Total
Contractual Services		5,000	5,000	5,000	5,000	20,000
Total		5,000	5,000	5,000	5,000	20,000

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Village of Mount Prospect, Illinois

Department Public Works - Water/Sewer

Contact Public Works Director

Type Equipment & Furnishings

Useful Life 20 years

Category 700 Water System

Priority 1 Critical

Project #	PWWS011.0-16
Project Name	Wireless Telemetry System Upgrade-VFD Replacement

New/Established Established

Tech Plan Y/N N/A

Description

Total Project Cost: \$100,000

Upgrade SCADA telemetry to improve water quality and system operation.
 Replace the variable frequency drives (VFD) at the stations.

Justification

The Village's water and wastewater system is monitored by a wireless telemetry system, commonly referred to as a SCADA system. This system was initially installed in 2003 and has performed exceedingly well over the years helping to monitor the utility systems' pumps, motors, backup generators, lift stations relief stations and other vital parts of the Village's infrastructure the need monitoring.

In 2019, staff will begin replacing the variable frequency drives (VFD) at the stations as the gear will be over 20 years old, will have been used continuously 24/7 and is at the end of its useful life.

Aligns with the Villages strategic infrastructure goal regarding Flood Control, Water and Sewer. Goal of improving and maintaining infrastructure facilities and systems for public health and safety, to protect our investment in these vital community resources and to protect private property.

Expenditures	2016	2017	2018	2019	2020	Total
Equip/Vehicles/Furnishings				50,000	50,000	100,000
Total				50,000	50,000	100,000

Funding Sources	2016	2017	2018	2019	2020	Total
050 Water and Sewer Fund				50,000	50,000	100,000
Total				50,000	50,000	100,000

Budget Impact/Other

None

2016 - 2020 Capital Improvement Plan

2016 *thru* 2020

Department Public Works - Water/Sewer

Village of Mount Prospect, Illinois

Contact Public Works Director

Project #	PWWS012.0-16
Project Name	Deep Well Rehabilitation - Well #16

Type Maintenance

Useful Life 20 years

Category 700 Water System

New/Established New

Tech Plan Y/N N/A

Priority 2 Very Important

Description	Total Project Cost: \$375,000
Maintenance and rehabilitation of deep well located at Booster Station 16.	

Justification
<p>The Village's five (5) deep wells were last rehabilitated in the 1990's and the industry recommended interval is 20 years. The rehabilitation process includes pulling the deep well column assembly and bowl assembly, cleaning and inspecting the components and replacing or repairing any deficient or defective parts. This effort will involve one (1) deep well every other year and conclude when they all have been checked. The following is a cost estimate of the work. (2015 est.)</p> <p>Mobilize, pull pump and inspect - \$55,000 Televis well hole - \$6,000 Disassemble, clean and inspect pump - \$55,000 Motor Driver test & repair - \$10,000 Replacement parts (estimate) - \$55,000 Sandblast & coat column piping w/ oil tubing - est. 800ft at \$50/ft - \$40,000 Replace est. 300 l.f. column piping at \$2,000/20' - \$30,000 Replace est. 100 l.f. column assembly at \$5,000/20' - \$25,000 Reinstall, chlorinate, demobilize, sampling - \$55,000 Engineering design and observation \$40,000</p> <p>Aligns with the Villages strategic infrastructure goal regarding Flood Control, Water and Sewer. Goal of improving and maintaining infrastructure facilities and systems for public health and safety, to protect our investment in these vital community resources and to protect private property.</p>

Expenditures	2016	2017	2018	2019	2020	Total
Construction/Maintenance		375,000				375,000
Total		375,000				375,000

Funding Sources	2016	2017	2018	2019	2020	Total
050 Water and Sewer Fund		375,000				375,000
Total		375,000				375,000

Budget Impact/Other
None

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Village of Mount Prospect, Illinois

Department Public Works - Water/Sewer

Contact Public Works Director

Type Maintenance

Useful Life 20 years

Category 700 Water System

Priority 2 Very Important

Project # PWWS013.0-16
Project Name Deep Well Rehabilitation - Well #17

New/Established New

Tech Plan Y/N N/A

Total Project Cost: \$410,000

Description

Maintenance and rehabilitation of deep well located at Booster Station 17.

Justification

The Village's five (5) deep wells were last rehabilitated in the 1990's and the industry recommended interval is 20 years. The rehabilitation process includes pulling the deep well column assembly and bowl assembly, cleaning and inspecting the components and replacing or repairing any deficient or defective parts. This effort will involve one (1) deep well every other year and conclude when they all have been checked. The following is a cost estimate of the work. (2015 est.)

- Mobilize, pull pump and inspect - \$55,000
- Televis well hole - \$6,000
- Disassemble, clean and inspect pump - \$55,000
- Motor Driver test & repair - \$10,000
- Replacement parts (estimate) - \$55,000
- Sandblast & coat column piping w/ oil tubing - est. 800ft at \$50/ft - \$40,000
- Replace est. 300 l.f. column piping at \$2,000/20' - \$30,000
- Replace est. 100 l.f. column assembly at \$5,000/20' - \$25,000
- Reinstall, chlorinate, demobilize, sampling - \$55,000
- Engineering design and observation \$40,000

Aligns with the Villages strategic infrastructure goal regarding Flood Control, Water and Sewer. Goal of improving and maintaining infrastructure facilities and systems for public health and safety, to protect our investment in these vital community resources and to protect private property.

Expenditures	2016	2017	2018	2019	2020	Total
Construction/Maintenance				410,000		410,000
Total				410,000		410,000

Funding Sources	2016	2017	2018	2019	2020	Total
050 Water and Sewer Fund				410,000		410,000
Total				410,000		410,000

Budget Impact/Other

None

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Public Works - Water/Sewer

Village of Mount Prospect, Illinois

Contact Public Works Director

Project #	PWWS014.0-16
Project Name	Hydro Excavator

Type Equipment & Furnishings

Useful Life 18 years

Category 700 Water System

New/Established New

Tech Plan Y/N N/A

Priority 4 Less Important

Description	Total Project Cost: \$115,000
Purchase of new vacuum excavating system.	

Justification
<p>This equipment will be used to excavate in areas where multiple utilities are buried. In many areas of our system fiber optic, gas, and electric lines are above our water and sewer mains. The use of this equipment will allow us to safely and quickly excavate around these utilities. It will help avoid costly emergency repairs, outages, injuries or worse.</p> <p>Aligns with the Village's strategic infrastructure goal regarding flood control, water and sewer. Goal of improving and maintaining infrastructure facilities and systems for public health and safety, to protect our investment in these vital community resources and to protect private property.</p>

Expenditures	2016	2017	2018	2019	2020	Total
Equip/Vehicles/Furnishings			115,000			115,000
Total			115,000			115,000

Funding Sources	2016	2017	2018	2019	2020	Total
050 Water and Sewer Fund			115,000			115,000
Total			115,000			115,000

Budget Impact/Other
Minor costs associated with filters and lubrication are needed,

Budget Items	2016	2017	2018	2019	2020	Total
Commodities & Supplies			1,040	1,061	1,082	3,183
Total			1,040	1,061	1,082	3,183

2016 - 2020 Capital Improvement Plan

2016 *thru* 2020

Village of Mount Prospect, Illinois

Department Public Works - Water/Sewer

Contact Public Works Director

Type Maintenance

Useful Life 30 years

Category 701 Sanitary System

Priority 1 Critical

Project #	PWWS015.0-16
Project Name	Lift Relief Station Rehab - Louis Street

New/Established Established

Tech Plan Y/N N/A

Description	Total Project Cost: \$350,000
Replacement of existing Louis Street relief station.	

Justification
An engineering study performed in 2007 concluded that the underground wet well type of lift stations have reached the end of their useful life. Some of these lift stations are over 30 years old. Staff is recommending replacing these stations with submersible pump style stations and performing electrical upgrades to meet current codes and safety rules.
Aligns with the Villages strategic infrastructure goal regarding Flood Control, Water and Sewer. Goal of improving and maintaining infrastructure facilities and systems for public health and safety, to protect our investment in these vital community resources and to protect private property.

Expenditures	2016	2017	2018	2019	2020	Total
Construction/Maintenance	350,000					350,000
Total	350,000					350,000

Funding Sources	2016	2017	2018	2019	2020	Total
050 Water and Sewer Fund	350,000					350,000
Total	350,000					350,000

Budget Impact/Other
None

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Village of Mount Prospect, Illinois

Department Public Works - Water/Sewer

Contact Public Works Director

Type Maintenance

Useful Life 30 years

Category 701 Sanitary System

Priority 2 Very Important

Project # PWWS016.0-16
 Project Name Lift Relief Station Rehab - William Street

New/Established Established

Tech Plan Y/N N/A

Description

Total Project Cost: \$350,000

Replacement of existing William Street relief station.

Justification

An engineering study performed in 2007 concluded that the underground wet well type of lift stations have reached the end of their useful life. Some of these lift stations are over 30 years old. Staff is recommending replacing these stations with submersible pump style stations and performing electrical upgrades to meet current codes and safety rules.

Aligns with the Villages strategic infrastructure goal regarding Flood Control, Water and Sewer. Goal of improving and maintaining infrastructure facilities and systems for public health and safety, to protect our investment in these vital community resources and to protect private property.

Expenditures	2016	2017	2018	2019	2020	Total
Construction/Maintenance		350,000				350,000
Total		350,000				350,000

Funding Sources	2016	2017	2018	2019	2020	Total
050 Water and Sewer Fund		350,000				350,000
Total		350,000				350,000

Budget Impact/Other

None

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Public Works - Water/Sewer

Village of Mount Prospect, Illinois

Contact Public Works Director

Project #	PWWS017.0-16
Project Name	Lift Relief Station Rehab - Huntington

Type Maintenance

Useful Life 30 years

Category 701 Sanitary System

New/Established Established

Tech Plan Y/N N/A

Priority 3 Important

Description	Total Project Cost: \$650,000
Rehabilitation of existing Huntington sanitary lift station.	

Justification
An engineering study performed in 2007 concluded that the underground wet well type of lift stations have reached the end of their useful life. Some of these lift stations are over 30 years old. Staff is recommending replacing these stations with submersible pump style stations and performing electrical upgrades to meet current codes and safety rules.
Aligns with the Villages strategic infrastructure goal regarding Flood Control, Water and Sewer. Goal of improving and maintaining infrastructure facilities and systems for public health and safety, to protect our investment in these vital community resources and to protect private property.

Expenditures	2016	2017	2018	2019	2020	Total
Construction/Maintenance			650,000			650,000
Total	650,000					650,000

Funding Sources	2016	2017	2018	2019	2020	Total
050 Water and Sewer Fund			650,000			650,000
Total	650,000					650,000

Budget Impact/Other
None

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Public Works - Water/Sewer

Village of Mount Prospect, Illinois

Contact Public Works Director

Project #	PWWS018.0-16
Project Name	Lift Relief Station Rehab - Fairview

Type Maintenance

Useful Life 30 years

Category 701 Sanitary System

New/Established Established

Tech Plan Y/N N/A

Priority 3 Important

Description	Total Project Cost: \$450,000
Rehabilitation of existing Fairview sanitary lift station.	

Justification
An engineering study performed in 2007 concluded that the underground wet well type of lift stations have reached the end of their useful life. Some of these lift stations are over 30 years old. Staff is recommending replacing these stations with submersible pump style stations and performing electrical upgrades to meet current codes and safety rules.
Aligns with the Villages strategic infrastructure goal regarding Flood Control, Water and Sewer. Goal of improving and maintaining infrastructure facilities and systems for public health and safety, to protect our investment in these vital community resources and to protect private property.

Expenditures	2016	2017	2018	2019	2020	Total
Construction/Maintenance				450,000		450,000
Total	<hr/>				450,000	450,000

Funding Sources	2016	2017	2018	2019	2020	Total
050 Water and Sewer Fund				450,000		450,000
Total	<hr/>				450,000	450,000

Budget Impact/Other
None

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Public Works - Water/Sewer

Village of Mount Prospect, Illinois

Contact Public Works Director

Project #	PWWS019.0-16
Project Name	Lift Relief Station Rehab - Lincoln Street

Type Maintenance

Useful Life 30 years

Category 701 Sanitary System

New/Established Established

Tech Plan Y/N N/A

Priority 3 Important

Description	Total Project Cost: \$350,000
Replacement of existing Lincoln street relief station.	

Justification
An engineering study performed in 2007 concluded that the underground wet well type of lift stations have reached the end of their useful life. Some of these lift stations are over 30 years old. Staff is recommending replacing these stations with submersible pump style stations and performing electrical upgrades to meet current codes and safety rules.
Aligns with the Villages strategic infrastructure goal regarding Flood Control, Water and Sewer. Goal of improving and maintaining infrastructure facilities and systems for public health and safety, to protect our investment in these vital community resources and to protect private property.

Expenditures	2016	2017	2018	2019	2020	Total
Construction/Maintenance					350,000	350,000
Total					350,000	350,000

Funding Sources	2016	2017	2018	2019	2020	Total
050 Water and Sewer Fund					350,000	350,000
Total					350,000	350,000

Budget Impact/Other
None

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Village of Mount Prospect, Illinois

Department Public Works - Water/Sewer

Contact Public Works Director

Type Infrastructure

Useful Life 50 years

Category 700 Water System

Priority 1 Critical

Project #	PWWS800.0-AN
Project Name	Water Main Replacement

New/Established Established

Tech Plan Y/N N/A

Description	Total Project Cost: \$11,600,000
Annual water main replacement	

Justification
<p>Replace deteriorated water mains prone to leakage to minimize service disruptions and preserve water quality: PENDING IMPROVEMENTS: 2016 - 800 thru 900 block of S. Owen Street (upgrade 1,000 l.f. from 6" to 8") 2017 - 600 thru 800 block of S. Albert St. (upgrade 1,000 l.f. from 6" to 8") 2018 - 600 thru 800 block of S. George St. (upgrade 1,000 l.f. from 6" to 8") 2019 - Upgrade 9,000 l.f. of 6" pipe to 8" pipe 2020 - Rand Road (2,000 l.f. 8") and additional 7,000 feet of water main. Assume \$500 a Lineal Foot for water main replacement 2016-2018 Assume \$550 a lineal foot for water main replacement 2019-2020 Work may change depending on hydraulic water modeling.</p> <p>Aligns with the Villages strategic infrastructure goal regarding Flood Control, Water and Sewer. Goal of improving and maintaining infrastructure facilities and systems for public health and safety, to protect our investment in these vital community resources and to protect private property.</p>

Expenditures	2016	2017	2018	2019	2020	Total
Construction/Maintenance	600,000	600,000	600,000	4,900,000	4,900,000	11,600,000
Total	600,000	600,000	600,000	4,900,000	4,900,000	11,600,000

Funding Sources	2016	2017	2018	2019	2020	Total
050 Water and Sewer Fund	600,000	600,000	600,000	4,900,000	4,900,000	11,600,000
Total	600,000	600,000	600,000	4,900,000	4,900,000	11,600,000

Budget Impact/Other
None

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Public Works - Water/Sewer

Village of Mount Prospect, Illinois

Contact Public Works Director

Project #	PWWS801.0-AN
Project Name	Sewer Main Rehabilitation

Type Infrastructure

Useful Life 50 years

Category 701 Sanitary System

New/Established Established

Tech Plan Y/N N/A

Priority 2 Very Important

Description	Total Project Cost: \$3,625,000
Sewer main relining, spot repairs and manhole repairs.	

Justification
Maintain structural integrity of sewer pipes. Remove excess infiltration and inflow to minimize basement back-ups and sewer surcharges.
Note: Projects to be determined. Projects will be selected based on need. Goal of rehabilitating approximately 1% of the system annually.
Aligns with the Villages strategic infrastructure goal regarding Flood Control, Water and Sewer. Goal of improving and maintaining infrastructure facilities and systems for public health and safety, to protect our investment in these vital community resources and to protect private property.

Expenditures	2016	2017	2018	2019	2020	Total
Construction/Maintenance	525,000	550,000	550,000	1,000,000	1,000,000	3,625,000
Total	525,000	550,000	550,000	1,000,000	1,000,000	3,625,000

Funding Sources	2016	2017	2018	2019	2020	Total
050 Water and Sewer Fund	525,000	550,000	550,000	1,000,000	1,000,000	3,625,000
Total	525,000	550,000	550,000	1,000,000	1,000,000	3,625,000

Budget Impact/Other
None

Village of Mount Prospect, Illinois

Project #	PWWS803.0-AN
Project Name	Booster Station Pump Rehabilitation

New/Established Established

Tech Plan Y/N N/A

Description	Total Project Cost: \$290,000
Maintenance and rehabilitation of the Village's existing high service pumps	

Justification
The Village's five (5) booster stations house fifteen (15) high service pumps that range in size from 15 hp to 100hp. An outside contractor annually inspects and tests each pump to recommend overhauls based on declining performance or other noted issues. The typical repair includes the removal of each pump and electric motor, pump disassembly and repair, motor testing, repair or replacement, re-assembly and re-installation. Repairs have been ranging from \$25,000 to \$50,000 per assembly. The work is set at \$50,000 with the consultant's annual efforts at \$5,000 . All motor replacements will use a premium efficient electric motor. The Village is averaging 15 years of useful life from its motors and over 20 years from the pumps.
Aligns with the Villages strategic infrastructure goal regarding Flood Control, Water and Sewer. Goal of improving and maintaining infrastructure facilities and systems for public health and safety, to protect our investment in these vital community resources and to protect private property.

Expenditures	2016	2017	2018	2019	2020	Total
Construction/Maintenance	55,000	55,000	60,000	60,000	60,000	290,000
Total	55,000	55,000	60,000	60,000	60,000	290,000

Funding Sources	2016	2017	2018	2019	2020	Total
050 Water and Sewer Fund	55,000	55,000	60,000	60,000	60,000	290,000
Total	55,000	55,000	60,000	60,000	60,000	290,000

Budget Impact/Other
None

Village of Mount Prospect, Illinois
 2016 - 2020 Capital Improvement Plan
 2016 thru 2020

PROJECTS BY DEPARTMENT

Department	Project#	Priority	2016	2017	2018	2019	2020	Total
Village Administration								
Playback System Upgrade to HD	VA001.0-16	3		35,650				35,650
Village Administration Total				35,650				35,650
GRAND TOTAL				35,650				35,650

2016 - 2020 Capital Improvement Plan

2016 thru 2020

Department Village Administration

Village of Mount Prospect, Illinois

Contact

Project # **VA001.0-16**
 Project Name **Playback System Upgrade to HD**

Type Equipment & Furnishings

Useful Life

Category 709 Furnishings & Non-Auto E

New/Established New

Tech Plan Y/N N/A

Priority 3 Important

Description	Total Project Cost: \$35,650
Updating of Cable Playback System to HD.	

Justification
The Cable Playback System can only play back video files in Standard Definition. We are acquiring and editing our video in High Definition. When we are given HD channels by Comcast and WOW, we will need HD playback.
Cablecast SC2HD Server and HD Monitor

Expenditures	2016	2017	2018	2019	2020	Total
Equip/Vehicles/Furnishings		35,650				35,650
Total		35,650				35,650

Funding Sources	2016	2017	2018	2019	2020	Total
020 Capital Improvement Fund		35,650				35,650
Total		35,650				35,650

Budget Impact/Other
Except for occasional repairs, there should be little impact upon the operating budget.

VILLAGE OF MOUNT PROSPECT
 FIVE-YEAR FINANCIAL FORECAST
 GENERAL FUND
 2016 - 2020

	(a)	(b)	(c)	(d)	(e)	(f)	(g)
	2014 Actual	2015 Projected	2016	2017	2018 Forecast	2019	2020
Beginning Balance, January 1st	11,878,582	12,845,622	12,970,207	12,814,993	12,690,824	12,371,378	11,881,945
Revenues							
Property Taxes - General	9,141,821	9,914,000	10,261,000	10,620,135	10,991,840	11,376,554	11,774,734
Property Taxes - Police Pension	2,853,241	2,840,000	3,041,000	3,253,870	3,481,641	3,725,356	3,986,131
Property Taxes - Fire Pension	2,397,669	2,456,000	2,630,000	2,814,100	3,011,087	3,221,863	3,447,394
Property Taxes - Other	209,853	217,500	220,000	220,000	220,000	220,000	220,000
Other Taxes							
Home Rule Sales Tax	1,355,373	1,346,000	1,374,000	1,401,480	1,429,510	1,458,100	1,487,262
Food and Beverage Tax	738,642	755,000	770,000	793,100	816,893	841,400	866,642
Real Estate Transfer Tax	954,644	900,000	840,000	865,200	891,156	917,891	945,427
Telecommunications Tax	2,208,291	1,650,000	1,650,000	1,650,000	1,650,000	1,650,000	1,650,000
Utility Taxes	1,885,305	1,860,000	1,885,000	1,922,700	1,961,154	2,000,377	2,040,385
Other Taxes	278,863	275,566	286,000	288,860	291,749	294,666	297,613
Licenses, Permits & Fees							
Vehicle Licenses	340,344	-	-	-	-	-	-
Other Licenses, Permits & Fees	2,027,125	2,027,000	2,020,000	2,060,400	2,101,608	2,143,640	2,186,513
Intergovernmental Revenues							
State Sales Tax	13,285,441	13,418,000	13,771,000	14,184,130	14,609,654	15,047,944	15,499,382
State Income Tax	5,186,155	5,200,000	5,280,000	5,332,800	5,386,128	5,439,989	5,494,389
Use Tax	1,025,332	930,000	940,000	958,800	977,976	997,536	1,017,486
Other Intergovernmental Revenues	571,540	577,604	581,800	593,436	605,305	617,411	629,759
Charges for Services	1,691,056	1,683,223	1,660,600	1,710,418	1,761,731	1,814,582	1,869,020
Fines and Forfeits	479,647	439,000	439,000	439,000	439,000	439,000	439,000
Investment Income	(64,970)	5,918	6,000	12,100	11,900	11,400	10,600
Miscellaneous	722,516	486,000	492,000	492,000	492,000	492,000	492,000
Total Revenues	47,287,887	46,980,811	48,147,400	49,612,529	51,130,330	52,709,708	54,353,735
Increase over Previous Year		-0.6%	2.5%	3.0%	3.1%	3.1%	3.1%

VILLAGE OF MOUNT PROSPECT
 FIVE-YEAR FINANCIAL FORECAST
 GENERAL FUND
 2016 - 2020

	(a)	(b)	(c)	(d)	(e)	(f)	(g)
	2014 Actual	2015 Projected	2016	2017	2018 Forecast	2019	2020
Operating Expenditures							
Public Representation	564,093	635,574	661,036	673,854	687,138	700,911	715,200
Village Administration	2,777,002	3,111,828	3,183,010	3,163,004	3,255,190	3,351,294	3,451,539
Television Services Division	177,750	187,337	190,403	193,706	199,905	206,399	213,204
Village Clerk's Office	211,394	218,547	223,053	230,491	238,286	246,461	255,037
Finance Department	2,007,010	1,958,096	2,022,574	2,080,315	2,140,429	2,203,047	2,268,311
Community Development	2,241,264	2,347,767	2,384,087	2,459,445	2,538,255	2,620,722	2,707,064
Human Services	1,049,674	1,067,027	1,073,748	1,111,292	1,148,646	1,187,809	1,228,891
Police	16,578,938	16,554,256	17,022,027	17,552,424	18,187,568	18,855,322	19,557,733
Fire	13,166,939	12,979,579	13,382,328	13,847,345	14,446,613	15,087,582	15,773,877
Public Works	7,358,200	7,749,759	8,113,732	8,377,327	8,559,357	8,690,295	8,542,647
Emergency Events	142,283	-	-	-	-	-	-
Pensions	46,300	46,456	46,616	47,493	48,388	49,300	50,229
Total Operating Expenditures	46,320,848	46,856,226	48,302,614	49,736,698	51,449,776	53,199,141	54,763,732
Increase over Previous Year		1.2%	3.1%	3.0%	3.4%	3.4%	2.9%
Excess (Deficiency) of Revenues Over Operating Expenditures	967,040	124,585	(155,214)	(124,169)	(319,446)	(489,433)	(409,997)
Other Financing Sources (Uses)							
Transfers In	-	-	-	-	-	-	-
Transfers Out	-	-	-	-	-	-	-
Total Other Financing Sources (Uses)	-	-	-	-	-	-	-
Excess (Deficiency) of Revenues over Operating Expenditures and Equity Transfers	967,040	124,585	(155,214)	(124,169)	(319,446)	(489,433)	(409,997)
Ending Balance, December 31st	12,845,622	12,970,207	12,814,993	12,690,824	12,371,378	11,881,945	11,471,948
	28.04%	26.85%	25.77%	24.67%	23.25%	21.70%	20.19%

VILLAGE OF MOUNT PROSPECT
 FIVE-YEAR FINANCIAL FORECAST
 GENERAL FUND
 2016 - 2020

	(a) 2014 Actual	(b) 2015 Projected	(c) 2016	(d) 2017	(e) Forecast 2018	(f) 2019	(g) 2020
Operating Expenditure Projections							
Public Representation							
Personal Services			188,839	189,139	189,439	189,739	190,039
Employee Benefits			61,482	65,786	70,391	75,318	80,590
Other Employee Costs			2,900	2,958	3,017	3,078	3,139
Contractual Services			333,738	340,413	347,221	354,165	361,249
Utilities			440	449	458	467	476
Commodities			66,354	67,681	69,035	70,415	71,824
Other Expenditures			7,283	7,429	7,577	7,729	7,883
Total			661,036	673,854	687,138	700,911	715,200
Village Manager's Office							
Personal Services			1,127,771	1,150,326	1,173,333	1,196,800	1,220,736
Employee Benefits			553,756	592,519	633,995	678,375	725,861
Other Employee Costs			38,483	39,253	40,038	40,838	41,655
Contractual Services			1,298,593	1,324,565	1,351,056	1,378,077	1,405,639
Utilities			9,308	9,494	9,684	9,878	10,075
Commodities			11,615	11,847	12,084	12,326	12,572
Capital Outlay			143,484	35,000	35,000	35,000	35,000
Total			3,183,010	3,163,004	3,255,190	3,351,294	3,451,539
Television Services Division							
Personal Services			96,925	98,864	100,841	102,858	104,915
Employee Benefits			45,340	48,514	51,910	55,543	59,431
Other Employee Costs			2,045	2,086	2,128	2,170	2,214
Contractual Services			31,038	31,659	32,292	32,938	33,597
Utilities			1,650	1,683	1,717	1,751	1,786
Commodities			5,785	5,901	6,019	6,139	6,262
Capital Outlay			7,620	5,000	5,000	5,000	5,000
Total			190,403	193,706	199,905	206,399	213,204

VILLAGE OF MOUNT PROSPECT
 FIVE-YEAR FINANCIAL FORECAST
 GENERAL FUND
 2016 - 2020

	(a) 2014 Actual	(b) 2015 Projected	(c) 2016	(d) 2017	(e) Forecast 2018	(f) 2019	(g) 2020	
Village Clerk's Office								
Personal Services			131,082	133,704	136,378	139,105	141,887	Assumes 2.0% increase
Employee Benefits			59,542	63,710	68,170	72,942	78,047	Assumes 7.0% increase
Other Employee Costs			970	989	1,009	1,029	1,050	Assumes 2.0% increase
Contractual Services			29,574	30,165	30,769	31,384	32,012	Assumes 2.0% increase
Utilities			825	842	858	875	893	Assumes 2.0% increase
Commodities			1,060	1,081	1,103	1,125	1,147	Assumes 2.0% increase
Total			223,053	230,491	238,286	246,461	255,037	
Finance Department								
Personal Services			867,064	884,405	902,093	920,135	938,538	Assumes 2.0% increase
Employee Benefits			347,796	372,142	398,192	426,065	455,890	Assumes 7.0% increase
Other Employee Costs			12,948	13,207	13,471	13,741	14,015	Assumes 2.0% increase
Contractual Services			288,817	304,793	310,889	317,107	323,449	Assumes 2.0% increase
Utilities			5,031	5,132	5,234	5,339	5,446	Assumes 2.0% increase
Insurance			442,332	451,179	460,202	469,406	478,794	Assumes 2.0% increase
Commodities			43,586	44,458	45,347	46,254	47,179	Assumes 2.0% increase
Capital Outlay			5,000	5,000	5,000	5,000	5,000	
Total			2,022,574	2,080,315	2,140,429	2,203,047	2,268,311	
Community Development								
Personal Services			1,234,590	1,259,282	1,284,467	1,310,157	1,336,360	Assumes 2.0% increase
Employee Benefits			555,532	594,419	636,029	680,551	728,189	Assumes 7.0% increase
Other Employee Costs			27,306	27,852	28,409	28,977	29,557	Assumes 2.0% increase
Contractual Services			521,314	531,740	542,375	553,223	564,287	Assumes 2.0% increase
Utilities			20,214	20,618	21,031	21,451	21,880	Assumes 2.0% increase
Commodities			20,131	20,534	20,944	21,363	21,790	Assumes 2.0% increase
Capital Outlay			5,000	5,000	5,000	5,000	5,000	
Total			2,384,087	2,459,445	2,538,255	2,620,722	2,707,064	

VILLAGE OF MOUNT PROSPECT
 FIVE-YEAR FINANCIAL FORECAST
 GENERAL FUND
 2016 - 2020

	(a) 2014 Actual	(b) 2015 Projected	(c)	(d)	(e) Forecast 2018	(f)	(g) 2020
Human Services							
Personal Services			651,345	664,372	677,659	691,213	705,037
Employee Benefits	283,517		303,363	324,599	324,599	347,321	371,633
Other Employee Costs	4,844		4,941	5,040	5,040	5,140	5,243
Contractual Services	109,212		111,396	113,624	115,897	118,215	120,537
Utilities	10,770		10,985	11,205	11,429	11,658	11,887
Commodities	13,955		14,234	14,519	14,809	15,098	15,387
Capital Outlay	105		2,000	2,000	2,000	2,000	2,000
Total	1,073,748		1,111,292	1,148,646	1,187,809	1,228,891	1,270,000
Police Department							
Personal Services			9,718,678	9,913,052	10,111,313	10,313,539	10,519,810
Emp. Benefits (excl. Police Pension)	2,274,798		2,434,034	2,604,416	2,786,725	2,981,796	3,188,911
Police Pension Transfer	3,112,500		3,253,870	3,481,641	3,725,356	3,986,131	4,261,806
Other Employee Costs	166,582		169,914	173,312	176,778	180,314	183,856
Contractual Services	1,556,474		1,587,603	1,619,356	1,651,743	1,684,778	1,718,312
Utilities	37,624		38,376	39,144	39,927	40,725	41,544
Commodities	131,068		133,689	136,363	139,090	141,872	144,704
Other Expenditures	6,751		6,886	7,024	7,164	7,307	7,451
Capital Outlay	17,552		15,000	15,000	15,000	15,000	15,000
Total	17,022,027		17,552,424	18,187,568	18,855,322	19,557,733	20,278,130
Fire Department							
Personal Services			7,700,237	7,854,242	8,011,327	8,171,553	8,334,984
Emp. Benefits (excl. Fire Pension)	1,587,042		1,698,135	1,817,004	1,944,195	2,080,288	2,224,481
Fire Pension Fund Transfer	2,701,300		2,971,430	3,268,573	3,595,430	3,954,973	4,345,116
Other Employee Costs	160,635		163,848	167,125	170,467	173,876	177,335
Contractual Services	1,048,756		1,069,731	1,091,126	1,112,948	1,135,207	1,157,466
Utilities	33,690		34,364	35,051	35,752	36,467	37,204
Commodities	39,800		40,596	41,408	42,236	43,081	43,967
Capital Outlay	110,868		15,000	15,000	15,000	15,000	15,000
Total	13,382,328		13,847,345	14,446,613	15,087,582	15,773,877	16,488,140

VILLAGE OF MOUNT PROSPECT
 FIVE-YEAR FINANCIAL FORECAST
 GENERAL FUND
 2016 - 2020

	(a) 2014 Actual	(b) 2015 Projected	Forecast				(g) 2020
			(c) 2016	(d) 2017	(e) 2018	(f) 2019	
Public Works Department							
Personal Services	2,989,547	3,049,338	3,110,325	3,172,531	3,235,982	Assumes 2.0% Increase	
Employee Benefits	1,246,415	1,333,664	1,427,021	1,526,912	1,633,796	Assumes 7.0% Increase	
Other Employee Costs	37,031	37,772	38,527	39,298	40,084	Assumes 2.0% Increase	
Contractual Services	2,301,710	2,347,744	2,394,699	2,442,593	2,491,445	Assumes 2.0% Increase	
Utilities	157,822	160,978	164,198	167,482	170,832	Assumes 2.0% Increase	
Commodities	331,207	337,831	344,588	351,480	358,509	Assumes 2.0% Increase	
Capital Outlay	1,050,000	1,110,000	1,080,000	990,000	612,000		
Total	8,113,732	8,377,327	8,559,357	8,690,295	8,542,647		
Pension Benefits							
Retirement Pensions	5,485	5,540	5,595	5,651	5,708	Assumes 1.0% Increase	
Disability Pensions	41,131	41,954	42,793	43,649	44,522	Assumes 2.0% Increase	
Total	46,616	47,493	48,388	49,300	50,229		

VILLAGE OF MOUNT PROSPECT
 FIVE-YEAR FINANCIAL FORECAST
 MOTOR FUEL TAX FUND
 2016-2020

	(a) 2014 Actual	(b) 2015 Projected	(c) 2016	(d) 2017	(e) Forecast 2018	(f) 2019	(g) 2020
Beginning Balance, January 1st	338,861	1,397,365	571,610	255,877	56,808	(160,863)	(397,508)
Revenues							
Motor Fuel Tax Allotments	1,343,870	1,320,000	1,320,000	1,320,000	1,320,000	1,320,000	1,320,000
Investment Income	67	200	100	0	0	0	0
MFT Projects Reimbursement	14,933	10,000	10,000	10,000	10,000	10,000	10,000
Supplemental Payment	486,682	0	0	0	0	0	0
Other Reimbursements	4,169	1,000	1,000	1,000	1,000	1,000	1,000
Total Revenues	1,849,722	1,331,200	1,331,100	1,331,000	1,331,000	1,331,000	1,331,000
Expenditures							
Crack Filling	53,457	54,567	55,658	56,771	57,907	59,065	60,246
Contractual Snow Removal	63,050	76,500	78,030	79,591	81,182	82,806	84,462
Pavement Markings	61,696	63,240	64,505	65,795	67,111	68,453	69,822
Salt, Calcium Chloride	375,112	453,209	462,272	471,517	480,948	490,567	500,378
Traffic Light Maintenance	69,787	90,379	92,187	94,030	95,911	97,829	99,786
Electricity, Northwest Highway	156,037	156,060	159,181	162,365	165,612	168,924	172,303
Traffic Signal Replacement	12,079	113,000	185,000	50,000	50,000	50,000	50,000
Street Resurfacing	0	550,000	550,000	550,000	550,000	550,000	550,000
Salt Storage Facility	0	600,000	0	0	0	0	0
Total Expenditures	791,217	2,156,955	1,646,833	1,530,070	1,548,671	1,567,644	1,586,997
Excess (Deficiency) of Revenues Over Expenditures	1,058,504	(825,755)	(315,733)	(199,070)	(217,671)	(236,644)	(255,997)
Ending Balance, December 31st	1,397,365	571,610	255,877	56,808	(160,863)	(397,508)	(653,505)

VILLAGE OF MOUNT PROSPECT
 FIVE-YEAR FINANCIAL FORECAST
 CAPITAL IMPROVEMENT FUND
 2016 - 2020

	(a) 2014 Actual	(b) 2015 Projected	(c) 2016	(d) 2017	(e) Forecast 2018	(f) 2019	(g) 2020
Beginning Balance, January 1st	2,097,303	2,774,323	729,907	(53,340)	(175,237)	(1,814,092)	(2,636,339)
Revenues							
Home Rule Sales Tax (4th)	1,254,676	1,246,000	1,270,000	1,296,000	1,322,000	1,348,000	1,376,000
Investment Earnings	515	1,000	0	0	0	0	0
Developer Donations	140,181	20,000	10,000	10,000	10,000	10,000	10,000
Total Revenues	1,395,373	1,267,000	1,280,000	1,306,000	1,332,000	1,358,000	1,386,000
Expenditures							
Active Shooter/RTF	0	0	20,000	0	0	0	0
Board Room Cameras	0	79,500	0	0	0	0	0
Bridge Rehab	0	125,000	0	0	0	0	0
Bandwidth Increase - Fire Stations	0	0	39,000	52,000	0	0	0
Bunker Gear Lockers	10,883	19,118	0	0	0	0	0
Cardiac Monitors	0	0	0	250,000	0	0	0
Coplogic Software	0	0	0	20,000	0	0	0
Corridor Improvements	0	0	0	0	200,000	200,000	200,000
Desktop Virtualization	0	95,000	0	0	0	0	0
Detention Pond Improvements	6,969	131,430	0	280,000	290,000	760,000	600,000
Door Access Card System - VH	0	50,000	0	0	0	0	0
Downtown Pedestrian Improvements	0	195,000	0	400,000	200,000	0	0
EMS Stretcher	0	0	0	0	320,000	0	0
Evidence Lab	0	0	0	0	0	200,000	0
Extrication Equipment	65,000	0	0	0	0	0	0
Fire Safety Trailer	0	0	0	0	75,000	0	0
Fire Station #12 Apparatus Floor	0	0	0	0	0	0	45,000
Fire Station #13 Apparatus Floor	0	0	0	0	0	0	75,000
Fire Station #13 Bathrooms	0	0	0	0	0	0	45,000
Firing Range Control System	0	120,000	0	0	0	0	0
Hose & Appliances	0	0	25,000	0	0	0	0
HVAC Replacement Program	21,675	449,325	50,000	25,000	275,000	25,000	25,000
HVAC Upgrade - VH	0	0	0	0	0	0	630,000
Instant Messaging	0	0	0	0	26,512	0	0
Kensington Jogging Path Rehab	11,395	586,250	205,000	0	0	0	0
Kensington Improvements	45,914	20,086	0	0	0	0	0
Kitchen Remodel - FS #13	19,981	55,115	0	0	0	0	0
License Plate Recognition Software	0	0	0	0	45,000	0	0
Melias/Meadows Park Bridge	0	120,000	0	0	0	0	0
Mobile Ticket Writer	0	0	0	0	16,096	0	0
Mobile Video Recording System	10,845	0	0	0	0	0	0
Office Suite Software	0	0	85,000	0	0	0	0
Other Public Building Improvements	274,638	160,000	155,000	100,000	160,000	165,000	165,000

VILLAGE OF MOUNT PROSPECT
 FIVE-YEAR FINANCIAL FORECAST
 CAPITAL IMPROVEMENT FUND
 2016 - 2020

	(a) 2014 Actual	(b) 2015 Projected	Forecast			(g) 2020
			(c) 2016	(d) 2017	(e) 2018	
Parking Lot Improvements	0	58,000	0	0	0	0 Per CIP
Playback System Upgrade	0	0	0	35,650	0	0 Per CIP
Police Admin Section Renovation	0	0	0	0	500,000	0 Per CIP
Police Lobby/Restroom Renovation	13,669	0	0	0	0	0 Per CIP
Police Roll Call Room Renovation	0	0	0	0	70,000	0 Per CIP
Public Safety - Police Radios	62,860	62,860	62,860	62,860	62,860	62,860
Public Safety - Fire Radios	68,306	64,387	64,387	64,387	64,387	64,387
Public Works Radio System	0	65,000	0	0	0	0 Per CIP
Police/Fire Gutter Replacement	4,690	0	0	0	0	0 Per CIP
Public Safety Building Roof Repairs	39,978	0	0	0	0	0 Per CIP
Public Safety Exterior Improvements	0	0	0	0	230,000	0 Per CIP
Public Safety Garage Sprinkler	0	0	0	48,000	0	0 Per CIP
Public Safety Training Room Rehab	0	0	0	0	86,000	0 Per CIP
Public Works Exterior Improvements	0	0	0	0	0	0 Per CIP
Public Works Fire Alarm Upgrade	0	0	0	0	0	0 Per CIP
Public Works Roof Repair	1,950	470,000	1,270,000	0	0	0 Per CIP
Restroom Renovations	0	21,000	0	0	0	0 Per CIP
Salt Storage Building	3,800	123,000	0	0	0	0 Per CIP
SCBA Bottles	0	70,000	0	0	0	0 Per CIP
SCI Computer Conversion	6,773	0	0	0	0	0 Per CIP
Streetlight Improvements	35,072	138,345	60,000	75,000	75,000	75,000 Per CIP
Streetlight Improvements - LED Retrofits	0	0	0	0	50,000	50,000 Per CIP
Surface Supplied Air System	0	0	0	0	0	32,000 Per CIP
Telephone Call Accounting	13,955	0	27,000	0	0	0 Per CIP
Thermal Imaging Cameras	0	33,000	0	0	0	0 Per CIP
Vehicle Lifts	0	0	0	0	135,000	0 Per CIP
Village Warning Sirens	0	0	0	0	90,000	0 Per CIP
Window Replacement - VH	0	0	0	0	0	255,000 Per CIP
Zodiac Boat w/Trailer	0	0	0	15,000	0	0 Per CIP
Total Expenditures	718,352	3,311,416	2,063,247	1,427,897	2,970,855	2,180,247
Excess (Deficiency) of Revenues Over Expenditures	677,020	(2,044,416)	(783,247)	(121,897)	(1,638,855)	(822,247)
Other Financing Sources (Uses)	0	0	0	0	0	0
Transfer Out	0	0	0	0	0	0
Total Other Financing sources (Uses)	0	0	0	0	0	0
Ending Balance, December 31st	2,774,323	729,907	(53,340)	(175,237)	(1,814,092)	(2,636,339)
						(3,719,586)

VILLAGE OF MOUNT PROSPECT
 FIVE-YEAR FINANCIAL FORECAST
 DOWNTOWN REDEVELOPMENT FUND
 2016-2020

	(a) 2014 Actual	(b) 2015 Projected	(c) 2016	(d) 2017	(e) Forecast 2018	(f) 2019	(g) 2020
Beginning Balance, January 1st	1,068,933	655,403	(287,380)	(373,572)	(343,393)	(48,681)	273,007
Revenues							
Property Tax Increment	2,311,740	2,586,172	2,738,409	2,909,321	3,036,444	3,127,537	3,315,149
Property Taxes	252,375	259,000	265,000	266,641	273,120	279,757	286,555
Investment Income	360	500	0	0	0	0	0
Total Revenues	2,564,475	2,845,672	3,003,409	3,175,962	3,309,564	3,407,294	3,601,704
Expenditures							
Return of Increment	2,629,922	2,693,829	2,759,289	2,826,340	2,895,020	2,965,369	3,037,427
Auditing Fees	980	1,061	1,080	1,123	1,179	1,238	1,300
Legal and Financing Costs	0	0	0	0	0	0	0
Real Estate Taxes	7,724	8,000	8,000	8,320	8,653	8,999	9,359
Other Professional Services	25,609	40,000	10,000	10,000	10,000	10,000	10,000
Corridor Maintenance	55,757	58,140	60,832	0	0	0	0
Brick Sidewalk Sealing	75,000	0	0	0	0	0	0
Façade/Interior Build out Program	35,000	100,000	100,000	100,000	100,000	100,000	100,000
Downtown Pedestrian Improvements	0	200,000	100,000	0	0	0	0
Downtown Wayside Signage	0	200,000	0	0	0	0	0
Downtown Streetscape	9,240	332,085	0	200,000	0	0	0
Brick Sidewalks	7,536	10,200	10,400	0	0	0	0
Furnishing Maintenance	39,073	40,000	40,000	0	0	0	0
Northwest Electric Sales Tax Rebate	92,164	105,140	0	0	0	0	0
Total Expenditures	2,978,005	3,788,455	3,089,601	3,145,783	3,014,852	3,085,606	3,158,086
Excess (Deficiency) of Revenues Over Expenditures	(413,530)	(942,783)	(86,192)	30,179	294,712	321,688	443,618
Other Financing Sources (Uses)							
Transfers In	0	0	0	0	0	0	0
Transfers Out	0	0	0	0	0	0	0
Total Other Financing sources (Uses)	0	0	0	0	0	0	0
Ending Balance, December 31st	655,403	(287,380)	(373,572)	(343,393)	(48,681)	273,007	716,625

VILLAGE OF MOUNT PROSPECT
 FIVE-YEAR FINANCIAL FORECAST
 STREET IMPROVEMENT CONSTRUCTION FUND
 2016-2020

	(a) 2014 Actual	(b) 2015 Projected	(c) 2016	(d) 2017	(e) Forecast 2018	(f) 2019	(g) 2020
Beginning Balance, January 1st	866,952	2,928,720	(333,066)	(679,966)	(865,966)	(1,051,966)	(1,237,966)
Revenues							
Home Rule Sales Tax	1,355,373	1,346,000	1,374,000	1,435,000	1,465,000	1,495,000	1,525,000
Municipal Motor Fuel Tax	699,499	710,000	720,000	720,000	720,000	720,000	720,000
Vehicle Licenses	1,019,322	1,540,000	1,730,000	1,730,000	1,730,000	1,730,000	1,730,000
Investment Earnings	4,350	100	100	0	0	0	0
Fines/Forfeits	117,500	0	0	0	0	0	0
Bond Proceeds	6,584,697	0	0	0	0	0	0
Miscellaneous Income	103,821	6,000	6,000	6,000	6,000	6,000	6,000
Total Revenues	9,884,561	3,602,100	3,830,100	3,891,000	3,921,000	3,951,000	3,981,000
Expenditures							
Financing Costs	81,466	0	0	0	0	0	0
Resurface Testing	7,688	32,000	30,000	30,000	30,000	30,000	30,000
Street Reconstruction/Resurfacing	7,663,393	6,453,886	3,892,000	3,922,000	3,952,000	3,982,000	4,012,000
Traffic Improvements	70,247	245,000	50,000	50,000	50,000	50,000	50,000
Parking Lot Improvements	0	58,000	0	0	0	0	0
Bike Route Sign Project	0	0	130,000	0	0	0	0
NW Highway/MP Road Bike Path	0	0	75,000	0	0	0	0
Brick Sidewalk Sealing	0	75,000	0	75,000	75,000	75,000	0
Total Expenditures	7,822,793	6,863,886	4,177,000	4,077,000	4,107,000	4,137,000	4,092,000
Excess (Deficiency) of Revenues Over Expenditures	2,061,768	(3,261,786)	(346,900)	(186,000)	(186,000)	(186,000)	(111,000)
Other Financing Sources (Uses)							
Transfer In	0	0	0	0	0	0	0
Total Other Financing Sources (Uses)	0	0	0	0	0	0	0
Ending Balance, December 31st	2,928,720	(333,066)	(679,966)	(865,966)	(1,051,966)	(1,237,966)	(1,348,966)

VILLAGE OF MOUNT PROSPECT
 FIVE-YEAR FINANCIAL FORECAST
 FLOOD CONTROL CONSTRUCTION FUNDS
 2016-2020

	(a) 2014 Actual	(b) 2015 Projected	(c) 2016	(d) 2017	(e) Forecast 2018	(f) 2019	(g) 2020
Beginning Balance, January 1st	11,672,318	11,427,123	1,112,272	647,272	469,764	253,847	155,056
Revenues							
Home Rule Sales Tax	298,841	357,000	374,000	361,492	358,583	365,709	374,825
Levee 37 Reimbursement	0	0	0	0	0	0	0
Bond Proceeds	0	0	0	0	0	0	0
Investment Earnings	12,274	1,100	500	500	0	0	100
Total Revenues	311,114	358,100	374,500	361,992	358,583	365,709	374,925
Expenditures							
Bank Stabilization Maintenance	32,818	25,000	25,000	25,000	25,000	25,000	25,000
Creek Tree Trimming	24,362	25,000	25,000	25,000	25,000	25,000	25,000
Hydraulic Analysis	0	165,000	0	0	0	0	0
Isabella Combined Sewer	373,498	9,434,960	0	0	0	0	0
Levee 37	14,816	190,183	30,000	35,000	40,000	40,000	45,000
Levee 37 Electricity/Other	916	2,300	2,500	2,500	2,500	2,500	2,500
Levee 37 Emergency Generators	0	0	0	230,000	230,000	0	0
Levee 37 Emergency Pumping	0	0	85,000	0	0	0	0
Levee 37 Repairs	0	12,000	12,000	12,000	12,000	12,000	12,000
Levee 37 Supplies	0	5,000	5,000	5,000	5,000	5,000	5,000
McDonald Creek	0	0	0	0	0	150,000	1,350,000
Neighborhood Drainage Imp.	98,307	100,000	100,000	100,000	100,000	100,000	100,000
Prospect Meadows	11,591	708,408	0	0	0	0	0
Residential Reimbursement	0	5,100	5,000	5,000	5,000	5,000	5,000
Storm Swr Impr. - Lavergne	0	0	225,000	0	0	0	0
Storm Swr Impr. - Palm	0	0	225,000	0	0	0	0
Storm Swr Inspection Program	0	0	100,000	100,000	100,000	100,000	100,000
Weller Creek Silt Removal	0	0	0	0	30,000	0	0
Total Expenditures	556,309	10,672,951	839,500	539,500	574,500	464,500	1,669,500
Excess (Deficiency) of Revenues Over Expenditures	(245,195)	(10,314,851)	(465,000)	(177,508)	(215,917)	(98,791)	(1,294,575)
Ending Balance, December 31st	11,427,123	1,112,272	647,272	469,764	253,847	155,056	(1,139,519)

VILLAGE OF MOUNT PROSPECT
 FIVE-YEAR FINANCIAL FORECAST
 WATER AND SEWER FUND
 2016 - 2020

	(b) 2015 Projected	(c) 2016	(d) 2017	(e) Forecast 2018	(f) 2019	(g) 2020
Beginning Cash Balance, January 1st	4,697,147	2,317,812	3,391,404	3,879,843	3,804,652	(1,625,625)
Revenues						
SSA Taxes	1,530,000	1,530,000	1,530,000	1,530,000	0	0
License, Permits and Fees	58,000	58,000	58,000	58,000	58,000	58,000
Water Sales	10,842,000	11,492,000	12,066,600	12,669,930	13,303,427	13,968,598
Sewer Fees	2,223,000	2,223,000	2,223,000	2,223,000	2,223,000	2,223,000
Sewer Construction Charge	684,000	684,000	684,000	684,000	684,000	684,000
Late Fees	118,000	118,000	118,000	118,000	118,000	118,000
Reimbursements/Other	500	500	500	500	500	500
Investment Income	2,100	2,100	2,000	2,000	2,000	2,000
Miscellaneous Income	72,000	72,000	72,000	72,000	72,000	72,000
Total Revenues	15,529,600	16,179,600	16,754,100	17,357,430	16,460,927	17,126,098
Expenses						
Administration						
Personal Services	413,251	421,078	429,500	438,090	446,851	455,788
Employee Benefits	221,009	229,788	245,873	263,084	281,500	301,205
Other Employee Costs	37,393	38,139	38,902	39,680	40,473	41,283
Contractual Services	707,742	701,930	715,969	730,288	744,894	759,792
Utilities	44,633	45,526	46,437	47,365	48,313	49,279
Insurance	101,312	108,701	110,875	113,093	115,354	117,661
Commodities & Supplies	12,535	12,849	13,106	13,368	13,635	13,908
Office Equipment	0	0	6,500	6,500	6,500	6,500
Other Equipment	2,244	2,289	2,200	2,200	2,200	2,200
Total Administration	1,540,119	1,560,300	1,609,361	1,653,667	1,699,721	1,747,616
Equipment Maintenance						
Vehicle Lease Payment	313,400	313,400	322,802	332,486	342,461	352,734
Vehicle Maintenance Payment	506,888	523,466	539,170	555,345	572,005	589,166
Total Equipment Maintenance	820,288	836,866	861,972	887,831	914,466	941,900

VILLAGE OF MOUNT PROSPECT
 FIVE-YEAR FINANCIAL FORECAST
 WATER AND SEWER FUND
 2016 - 2020

	(b) 2015 Projected	Forecast				(g) 2020
		(c) 2016	(d) 2017	(e) 2018	(f) 2019	
Maintenance of Buildings						
Personal Services	160,566	163,769	167,044	170,385	173,793	177,269
Employee Benefits	72,296	75,776	81,080	86,756	92,829	99,327
Contractual Services	67,905	17,073	17,414	17,763	18,118	18,480
Utilities	6,120	6,250	6,375	6,503	6,633	6,765
Commodities & Supplies	1,530	1,566	1,597	1,629	1,662	1,695
Total Maintenance of Buildings	308,417	264,434	273,511	283,036	293,034	303,536
Maintenance of Grounds						
Personal Services	65,873	67,189	68,533	69,903	71,302	72,728
Employee Benefits	20,776	21,688	23,206	24,831	26,569	28,429
Contractual Services	29,131	29,714	30,308	30,914	31,533	32,163
Commodities & Supplies	6,033	6,153	6,276	6,402	6,530	6,660
Total Maintenance of Grounds	121,813	124,744	128,323	132,050	135,933	139,980
Lake Michigan Water Supply						
Water Purchase	4,965,000	5,165,000	5,371,600	5,586,464	5,809,923	6,042,319
Power Cost	100,000	102,000	104,040	106,121	108,243	110,408
O & M Cost	354,000	370,000	381,100	392,533	404,309	416,438
Fixed Cost	1,022,000	1,294,000	1,330,000	1,365,000	1,366,000	1,385,000
Total Lake Michigan Water Supply	6,441,000	6,931,000	7,186,740	7,450,118	7,688,475	7,954,166
Water Supply Maint. & Repair						
Personal Services	397,776	405,685	413,799	422,075	430,516	439,126
Employee Benefits	147,174	153,366	164,102	175,589	187,880	201,032
Contractual Services	122,300	97,900	99,858	101,855	103,892	105,970
Utilities	86,700	88,434	90,203	92,007	93,847	95,724
Commodities & Supplies	81,100	82,734	84,389	86,076	87,798	89,554
Tank Repair/Inspection	25,500	26,010	25,000	25,000	25,000	25,000
Total Water Supply Maint. & Repair	860,550	854,129	877,350	902,602	928,933	956,406

VILLAGE OF MOUNT PROSPECT
 FIVE-YEAR FINANCIAL FORECAST
 WATER AND SEWER FUND
 2016 - 2020

	(b) 2015 Projected	(e) Forecast				
		(c) 2016	(d) 2017	(e) 2018	(f) 2019	(g) 2020
Water Distribution Maint. & Repair						
Personal Services	308,318	314,472	320,761	327,177	333,720	340,395
Employee Benefits	90,713	94,118	100,706	107,756	115,299	123,369
Contractual Services	237,200	243,550	248,421	253,389	258,457	263,626
Commodities & Supplies	75,829	80,765	82,380	84,028	85,708	87,423
Office Equipment	1,000	1,000	1,500	1,500	1,500	1,500
Other Equipment	0	0	1,500	1,500	1,500	1,500
Total Water Distribution M & R	713,060	733,905	755,269	775,350	796,184	817,813
Water Meter Maint. & Repair						
Personal Services	146,119	149,033	152,014	155,054	158,155	161,318
Employee Benefits	35,623	36,786	39,361	42,116	45,064	48,219
Contractual Services	153,494	107,220	109,364	111,552	113,783	116,058
Commodities & Supplies	3,175	3,175	3,239	3,303	3,369	3,437
Residential Water Meters	66,500	67,830	1,000,000	1,000,000	1,000,000	800,000
Total Water Meter M & R	404,911	364,044	1,303,978	1,312,025	1,320,372	1,129,032
Water Valve/Hydrant Maint. & Repair						
Personal Services	290,643	296,422	302,350	308,397	314,565	320,857
Employee Benefits	104,859	109,407	117,065	125,260	134,028	143,410
Contractual Services	20,963	22,834	23,291	23,756	24,232	24,716
Commodities & Supplies	85,975	88,495	90,265	92,070	93,912	95,790
Total Water Valve/Hydrant M&R	502,440	517,158	532,972	549,484	566,737	584,773
Sanitary Sewer Maint. & Repair						
Personal Services	223,512	227,981	232,541	237,191	241,935	246,774
Employee Benefits	79,727	83,157	88,978	95,206	101,871	109,002
Contractual Services	180,946	163,214	166,478	169,808	173,204	176,668
Utilities	23,460	23,929	24,408	24,896	25,394	25,902
Commodities & Supplies	27,339	28,217	28,781	29,357	29,944	30,543
Total Sanitary Sewer M & R	534,984	526,498	541,186	556,458	572,348	588,888

VILLAGE OF MOUNT PROSPECT
 FIVE-YEAR FINANCIAL FORECAST
 WATER AND SEWER FUND
 2016 - 2020

	(b) 2015 Projected	(c) - (g) Forecast				
		2016	2017	2018	2019	2020
Capital Improvements						
AMR System	1,769,731	0	0	0	0	0 Per CIP
Booster Pump/Panel Replacement	55,000	55,000	55,000	60,000	60,000	60,000 Per CIP
Combined Sewer Improvements	938,591	0	0	0	0	0 Per CIP
Computer Equipment - New	2,930	2,930	0	0	0	0 Per CIP
Customer Service Interface	0	0	0	15,000	0	0 Per CIP
Well Reahb - #16	0	0	375,000	0	0	0 Per CIP
Well Reahb - #17	0	0	0	0	410,000	0 Per CIP
Emergency Generator - Wells	776,703	0	0	0	0	0 Per CIP
GeoCotex Interface	0	0	10,000	0	0	0 Per CIP
Hydro Excavator	0	0	0	115,000	0	0 Per CIP
Leak Detection Equipment	0	80,000	0	0	0	0 Per CIP
Lift Station Rehab - Louis Street	0	350,000	0	0	0	0 Per CIP
Lift Station Rehab - William Street	0	0	350,000	0	0	0 Per CIP
Lift Station Rehab - Huntington	0	0	0	650,000	0	0 Per CIP
Lift Station Rehab - Fairview	0	0	0	0	450,000	0 Per CIP
Lift Station Rehab - Lincoln Street	0	0	0	0	0	0 Per CIP
Wireless Telemetry - Pressure Stations	50,000	65,000	65,000	65,000	65,000	350,000 Per CIP
Wireless Telemetry - VFD Replacement	0	40,000	40,000	40,000	40,000	65,000 Per CIP
Wireless Telemetry - PLC Upgrades	0	0	0	0	50,000	40,000 Per CIP
Sewer Main-Repair/Replacement	332,500	525,000	550,000	550,000	1,000,000	50,000 Per CIP
Software Development	9,485	0	0	0	0	1,000,000 Per CIP
Tank Design Engineering	25,000	0	0	0	0	0 Per CIP
Tank Repair/Renovation	17,500	650,000	0	675,000	0	0 Per CIP
Televising Camera System Upgrades	0	0	80,000	90,000	0	0 Per CIP
Water Facility Roof Rehab	102,225	65,000	70,000	70,000	0	0 Per CIP
Water Main Replacement	1,581,688	600,000	600,000	600,000	4,900,000	4,900,000 Per CIP
	5,661,353	2,392,930	2,195,000	2,930,000	6,975,000	6,465,000
Total Expenses	17,908,935	15,106,008	16,265,661	17,432,621	21,891,203	21,629,111
Excess of Revenues over Expenses	(2,379,335)	1,073,592	488,439	(75,191)	(5,430,276)	(4,503,013)
Ending Cash Balance, December 31	2,317,812	3,391,404	3,879,843	3,804,652	(1,625,625)	(6,128,638)

VILLAGE OF MOUNT PROSPECT
 FIVE-YEAR FINANCIAL FORECAST
 VILLAGE PARKING SYSTEM FUND
 2016-2020

	(a) 2014 Actual	(b) 2015 Projected	(c) 2016	(d) 2017	(e) Forecast 2018	(f) 2019	(g) 2020
Beginning Cash Balance, January 1st	316,808	287,053	107,593	(78,054)	(517,952)	(712,009)	(910,375)
Revenues							
Home Rule Sales Tax	10,070	0	0	0	0	0	0
Rental Income, Depot	6,600	6,600	0	0	0	0	0
Parking Fees	128,704	124,000	124,000	124,000	124,000	124,000	124,000
Investment Income	90	100	400	400	350	300	150
Total Revenues	145,464	130,700	124,400	124,400	124,350	124,300	124,150
Expenses							
Parking Lot Maintenance							
Personal Services	36,903	35,175	35,877	36,595	37,326	38,073	38,834
Employee Benefits	17,749	17,353	18,186	19,459	20,821	22,279	23,838
Contractual Services	70,702	94,382	95,923	97,841	99,798	101,794	103,830
Insurance	1,175	2,156	2,316	2,362	2,410	2,458	2,507
Commodities & Supplies	499	520	530	541	551	562	574
Parking Deck Maintenance - PS	45,491	50,000	50,000	50,000	50,000	50,000	50,000
Parking Deck Maintenance - VH	0	0	0	250,000	0	0	0
VH Parking Deck Painting	0	0	100,000	100,000	100,000	100,000	100,000
Building Improvements	2,699	7,074	7,215	7,500	7,500	7,500	7,500
Parking Lot Improvements	0	103,500	0	0	0	0	0
Total Parking Lot Maintenance	175,219	310,160	310,047	564,298	318,407	322,666	327,083
Excess of Revenues over Expenses	(29,755)	(179,460)	(185,647)	(439,898)	(194,057)	(198,366)	(202,933)
Ending Cash Balance, December 31	287,053	107,593	(78,054)	(517,952)	(712,009)	(910,375)	(1,113,308)

VILLAGE OF MOUNT PROSPECT
 FIVE-YEAR FINANCIAL FORECAST
 PARKING SYSTEM REVENUE FUND
 2016-2020

	(a) 2014 Actual	(b) 2015 Projected	(c) 2016	(d) 2017	(e) Forecast 2018	(f) 2019	(g) 2020
Beginning Cash Balance, January 1st	0	55,337	23,694	57,882	87,204	112,001	132,134
Revenues							
Home Rule Sales Tax	90,627	100,000	100,000	100,000	100,000	100,000	100,000
Parking Fees	119,480	119,000	119,480	119,000	119,000	119,000	119,000
Investment Income	0	0	0	0	0	0	0
Total Revenues	210,106	219,000	219,480	219,000	219,000	219,000	219,000
Expenses							
Parking Lot Maintenance							
Personal Services	26,974	25,830	26,345	26,872	27,409	27,958	28,517
Employee Benefits	12,892	13,024	13,642	14,597	15,619	16,712	17,882
Contractual Services	98,413	114,325	116,566	118,897	121,275	123,701	126,175
Utilities	7,430	10,733	10,947	11,166	11,389	11,617	11,849
Insurance	1,406	1,757	1,888	1,926	1,964	2,004	2,044
Commodities & Supplies	7,655	9,974	15,903	16,221	16,545	16,876	17,214
Train Station Improvements	0	75,000	0	0	0	0	0
Total Parking Lot Maintenance	154,769	250,643	185,291	189,679	194,202	198,867	203,680
Assumes 2.0% increase							
Personal Services							
Employee Benefits							
Contractual Services							
Utilities							
Insurance							
Commodities & Supplies							
Train Station Improvements							
Total Parking Lot Maintenance							
Assumes 2.0% increase after 2013							
Personal Services							
Employee Benefits							
Contractual Services							
Utilities							
Insurance							
Commodities & Supplies							
Train Station Improvements							
Total Parking Lot Maintenance							
Assumes 2.0% increase							
Personal Services							
Employee Benefits							
Contractual Services							
Utilities							
Insurance							
Commodities & Supplies							
Train Station Improvements							
Total Parking Lot Maintenance							
Assumes 2.0% increase							
Personal Services							
Employee Benefits							
Contractual Services							
Utilities							
Insurance							
Commodities & Supplies							
Train Station Improvements							
Total Parking Lot Maintenance							
Assumes 2.0% increase							
Personal Services							
Employee Benefits							
Contractual Services							
Utilities							
Insurance							
Commodities & Supplies							
Train Station Improvements							
Total Parking Lot Maintenance							
Assumes 2.0% increase							
Personal Services							
Employee Benefits							
Contractual Services							
Utilities							
Insurance							
Commodities & Supplies							
Train Station Improvements							
Total Parking Lot Maintenance							
Assumes 2.0% increase							
Personal Services							
Employee Benefits							
Contractual Services							
Utilities							
Insurance							
Commodities & Supplies							
Train Station Improvements							
Total Parking Lot Maintenance							
Assumes 2.0% increase							
Personal Services							
Employee Benefits							
Contractual Services							
Utilities							
Insurance							
Commodities & Supplies							
Train Station Improvements							
Total Parking Lot Maintenance							
Assumes 2.0% increase							
Personal Services							
Employee Benefits							
Contractual Services							
Utilities							
Insurance							
Commodities & Supplies							
Train Station Improvements							
Total Parking Lot Maintenance							
Assumes 2.0% increase							
Personal Services							
Employee Benefits							
Contractual Services							
Utilities							
Insurance							
Commodities & Supplies							
Train Station Improvements							
Total Parking Lot Maintenance							
Assumes 2.0% increase							
Personal Services							
Employee Benefits							
Contractual Services							
Utilities							
Insurance							
Commodities & Supplies							
Train Station Improvements							
Total Parking Lot Maintenance							
Assumes 2.0% increase							
Personal Services							
Employee Benefits							
Contractual Services							
Utilities							
Insurance							
Commodities & Supplies							
Train Station Improvements							
Total Parking Lot Maintenance							
Assumes 2.0% increase							
Personal Services							
Employee Benefits							
Contractual Services							
Utilities							
Insurance							
Commodities & Supplies							
Train Station Improvements							
Total Parking Lot Maintenance							
Assumes 2.0% increase							
Personal Services							
Employee Benefits							
Contractual Services							
Utilities							
Insurance							
Commodities & Supplies							
Train Station Improvements							
Total Parking Lot Maintenance							
Assumes 2.0% increase							
Personal Services							
Employee Benefits							
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