

**VILLAGE OF
PARK FOREST, ILLINOIS
FIVE YEAR CAPITAL PLAN
FISCAL YEAR 2017/2018**



VILLAGE OF PARK FOREST FIVE YEAR CAPITAL PLAN FISCAL YEAR 2017/2018

OVERVIEW

One of the most vital functions of local government is to construct and maintain the public infrastructure on which its citizens and businesses depend. Without an adequate and efficient network of roadways, parks, sanitary sewers, water mains and other public facilities, problems result for residents and for commercial enterprises which rely on local governments for their physical well being and economic prosperity.

In general, a sound capital facilities planning and budgeting program is essential to promote the following three fundamental public objectives. First, the continuing economic development of the Village is directly tied to its network of public works facilities. Businesses rely on local roadways to receive their goods. Consumers need access to retail shopping via suitable roadways and sidewalk systems.

Secondly, public safety and health are dependent upon the adequate provision of local public facilities. Well equipped and modern police and fire departments are better able to deliver quality service. Water distribution systems need to be maintained to assure clean drinking water and availability of water for emergency purposes such as fires. Certainly, efficient and effective storm and sanitary sewers are both essential to public health.

Thirdly, an adequate program of local public improvements provides a variety of general public benefits. Such improvements contribute to community livability, sustainability and civic pride. Examples may vary from roadway resurfacing projects in residential neighborhoods to upgrading and maintaining parks. While such projects may not have direct impact upon the creation and expansion of local businesses, they nonetheless serve an indirect role in upgrading the appearance and desirability of the community. And as such, they create the type of positive environment in which business seeks to locate.

HOW TO USE THIS CAPITAL PLAN

Capital planning requires that infrastructure needs be examined on a regular basis and that repair and replacement schedules be planned over a multi-year period. This Capital Plan provides the basis for planning large capital expenditures over a five year period. Naturally, the key factor regulating the spending for these capital items is the availability of funding. Therefore, the Capital Plan is a needs analysis. Ability to purchase specific items will be determined with overall budget preparation.

The overview contains a composite of capital expenditures for all departments. Following the overview, there are tabbed sections for each of the departments with major capital expenditures. Following the departmental chart is an explanation of the proposed expenditures.

A summary description of the items included in this plan follows. A detailed description, with budget estimates, is included in the departmental sections.

ADMINISTRATION

Administrative capital spending is not included under a separate tab. The capital spending projected for this department focuses primarily on computer upgrades and future replacements of copy machines.

Under the direction of the Finance Director, the IT (Information Technology) Administrator evaluates Village-wide computer needs. Network hardware and software replacement, maintenance and upgrades are funded through the Administration Department Budget. Upgrading the hardware is an ongoing process. The primary capital activities related to computers are replacement of individual computers, software upgrades, and upgrades/replacements of other computerized technologies. Several new applications have been identified to help streamline work flow and make individual departments more efficient. While gaining these efficiencies, new software packages will also aid in information sharing between departments and to the public. In 2016/2017 the Village completed a major ERP software upgrade that included a comprehensive financial software package, as well as HR functions, building and permitting. Recreation and Parks previously implemented an Activenet system in 2013. An emphasis was and will be placed on increased Internet interaction for registrations, licenses, payments, etc. which will bring convenience to our citizens. Included in the 2017/2018 is a voice over IP telephone system. The current phone system is over twenty years old. A new system will save operating costs.

HEALTH

The Health Department has included computer replacements and diagnostic equipment.

PUBLIC WORKS

The Public Works Capital Plan section contains expenditures for the General Fund, Motor Fuel Tax Fund, Vehicle Service Fund, Municipal Parking Fund, Water Fund and Sewer Fund. For Fiscal 2016/2017 the General Fund includes dollars for contractual street maintenance for \$300,000 annually to maintain side streets not eligible for grant funding. Sidewalk maintenance is also included.

The Motor Fuel Tax plan includes resurfacing of Indianwood. Street light replacement and design engineering for Illinois Street are also noted.

Vehicle replacement is identified and tracked over five years. For 2017/2018 replacement of a ford ranger and a valve maintenance trailer are included.

The Capital Plan for the Water Fund, as presented, includes water plant improvements, water main replacement and B box replacements. The Water Fund plan also includes the water main extension for Continental Midland.

Beginning in 2014/2015 storm sewer maintenance was charged to the sewer fund. The Sewer Capital Plan included rehab of the sanitary and storm sewer systems in the Village.

Included in the Municipal Parking Fund are fare box adjustments and gate arm replacement.

RECREATION & PARKS

The Recreation & Parks section of the Capital Plan includes the capital needs of the General Fund, Vehicle Service Fund as related to recreational activities, the Aqua Center and the Tennis & Health Club.

Several years ago the Recreation and Parks Task Force presented a five-year plan of parks and facilities maintenance and equipment replacement. The task force recommended a major Central Park playground project to be partially funded through grant dollars. This project was completed. Grant funds to convert Logan Park into a “flagship” entry to the Old Plank Road Trail expansion project were acquired. A wetlands project was partially grant funded and completed. Grant funds were received for ADA work at Freedom Hall. Lighting was replaced at Freedom Hall in Fiscal 2004. New seats for Freedom Hall were installed in 2009. A major renovation of the Aqua Center bathhouse was completed in 2010 with the assistance of OSLAD Grant Funds and CN settlement money. A Railfan Park was completed in 2013. The Capital Plan includes allocation of funds to continue maintenance of the urban forest, Freedom Hall and parks. Life Cycle proposals have involved de-commissioning of parks and natural landscape replacements. Downsizing of Murphy Park and a complete conversion of Somonauk Park is included.

Vehicle replacement includes a pick-up and plow, skid-steer attachment and vehicle reconditioning.

Included in the Aqua Center Capital Plan for 2017/2018 are replacement of five pumps, fence replacement, ADA work and computer upgrades.

The Tennis & Health Club Capital Plan includes replacement of the court sweeper and whirlpools.

BUILDINGS & GROUNDS

The Building and Grounds Department budgets for capital improvements for the following municipally owned buildings: Village Hall, Freedom Hall, Rec Center, Police Station, Public Works and Parks Garage, and the Park Forest Public Library as well as the Thorn Creek Nature Center. The Capital Plan for facilities includes Village Hall upgrades, Police Station capital improvements, Library HVAC and ADA compliance at the Rec Center. With School District 163's major renovation to the Michelle Obama campus the Village will assumed total use of the Rec Center. All maintenance and renovation items will fall to the Village.

POLICE

The Police Capital Plan includes computer replacement, a copy machine, station maintenance and vehicle replacement.

FIRE

Fire Department capital items include an annual schedule for replacing protective clothing, fire station maintenance, computer system upgrades, as well as other capital supplies. A replacement ambulance is indicated.

DOWNTOWN

The Capital Plan for the redevelopment of DownTown provides for continuation of tenant build out associated with new leases and continuation of the sign matching grant program. The Capital Plan also shows the cost of window replacement, public art projects and fascia maintenance.

OTHER – CAPITAL PROJECTS

A Capital Projects Fund was first created for the new Fire Station. Also, the lower level build out for the Health Department totaling \$925,000 was included for Fiscal 2007 and 2008. Beginning in Fiscal 2012 the Capital Projects Fund includes costs associated with land acquisition and development as well as CN proceeds for economic development projects. Other CN projects have included the Railfan Park and signage. Also included in Capital Projects are the Village Green expansion and the Sustainability Plan Implementation. Added in fiscal 2015 was a Public Art project. In 2016 a transfer for Somonauk Park was established. Fund balances related to a potential traffic signal and the remaining CN proceeds were transferred to the Capital Projects Fund.

The following table represents the Village-wide computer and copy machine needs:

VILLAGE WIDE COMPUTER NEEDS

	<u>2017/2018</u>	<u>2018/2019</u>	<u>2019/2020</u>	<u>2020/2021</u>	<u>2021/2022</u>
<u>Hardware</u>					
Storage Area Network (Disk Drives/Tapes)	-	10,000	-	-	-
File Servers	-	-	10,000	10,000	10,000
Tape Library	10,000	-	-	-	-
Village Voice Over IP	80,000	-	-	-	-
Village Hall Security Cameras	-	-	20,000	-	-
Network Maintenance/Upgrade	5,000	-	-	-	-
<u>Software</u>					
Upgrade Wireless Segment	10,000	-	-	-	-
Windows OS Upgrade	-	-	-	15,000	15,000
Office Pro Upgrade	-	36,000	-	-	-
Server Software	10,000	-	10,000	10,000	10,000
<u>TOTAL UPGRADES</u>	<u>\$115,000</u>	<u>\$ 46,000</u>	<u>\$ 40,000</u>	<u>\$ 35,000</u>	<u>\$ 35,000</u>

DEPARTMENTAL TECHNOLOGY NEEDS

Administration/Finance	13,000	9,900	11,100	9,400	5,700
Health	6,000	6,900	6,900	3,800	5,900
Public Works	10,000	9,300	7,200	7,800	14,200
Water Department	3,400	4,800	4,900	3,800	5,700
Recreation & Parks	4,400	6,700	7,500	3,800	3,500
Aqua	2,900	3,800	1,900	-	-
Tennis	-	1,900	1,000	-	-
Police	15,100	48,000	9,500	10,700	8,200
Fire	16,800	18,800	18,000	19,400	18,700
Community Development	4,400	3,000	4,900	5,000	3,800
Housing Authority	1,900	-	1,900	-	1,900
Economic Development & Planning	2,500	2,500	2,500	1,900	2,500
DownTown	-	1,900	1,000	-	1,900
<u>DEPARTMENT TOTALS</u>	<u>80,400</u>	<u>117,500</u>	<u>78,300</u>	<u>65,600</u>	<u>72,000</u>
<u>TOTAL COMPUTER NEEDS</u>	<u>\$195,400</u>	<u>\$163,500</u>	<u>\$ 118,300</u>	<u>\$100,600</u>	<u>\$107,000</u>

VILLAGE WIDE COPY MACHINE NEEDS

Administration/Finance	10,000	-	-	-	19,200
Health	-	-	-	9,000	-
Water Department	-	-	5,000	-	-
Recreation & Parks	-	-	-	-	-
Police	10,000	-	-	-	-
Fire	-	10,000	-	-	-
Community Development	-	-	-	-	-
DownTown	-	-	-	-	-
<u>TOTAL COPY MACHINE NEEDS</u>	<u>20,000</u>	<u>10,000</u>	<u>5,000</u>	<u>9,000</u>	<u>19,200</u>
<u>GRAND TOTALS</u>	<u>\$215,400</u>	<u>\$173,500</u>	<u>\$ 123,300</u>	<u>\$109,600</u>	<u>\$126,200</u>

**VILLAGE OF PARK FOREST
FIVE YEAR CAPITAL PLAN**

	<u>2017/2018</u>	<u>2018/2019</u>	<u>2019/2020</u>	<u>2020/2021</u>	<u>2021/2022</u>
<u>General Fund</u>					
Health	15,780	13,488	13,300	18,100	5,400
Public Works	799,000	808,300	718,200	960,900	6,351,900
Recreation & Parks	195,400	374,700	607,500	537,800	961,500
Buildings & Grounds (1)	373,000	361,500	320,000	179,000	447,000
Police	44,100	63,000	24,500	23,700	38,200
Fire	140,350	83,002	217,572	155,122	90,785
*Administration/Finance	138,000	55,900	51,100	44,400	59,900
*Community Development	4,400	3,000	4,900	5,000	3,800
*Economic Development & Planning	2,500	2,500	2,500	1,900	2,500
General Fund Total	<u>1,712,530</u>	<u>1,765,390</u>	<u>1,959,572</u>	<u>1,925,922</u>	<u>7,960,985</u>
<u>M F T</u>	2,642,683	2,306,600	721,100	720,000	9,244,000
<u>Water</u>	5,570,326	3,085,200	4,437,900	2,523,800	3,950,700
<u>Sewer</u>	2,187,075	882,000	1,200,000	1,070,000	990,000
<u>Municipal Parking</u>	8,000	6,000	6,000	300,000	7,440,000

(1) Building & Grounds includes Library and Cooperative Projects w/SD #163.

Community Development includes Code Enforcement Software. *The bulk of the capital items for Administration, Community Development and Economic Development & Planning Departments reflect computer upgrades. There are no tabbed sections for these departments.

**VILLAGE OF PARK FOREST
FIVE YEAR CAPITAL PLAN**

	<u>2017/2018</u>	<u>2018/2019</u>	<u>2019/2020</u>	<u>2020/2021</u>	<u>2021/2022</u>
<u>Aqua Center</u>	34,800	41,300	36,900	30,000	3,025,000
<u>Tennis & Health Club</u>	53,000	21,900	121,000	15,000	10,000
<u>DownTown</u>	216,500	222,200	400,500	386,000	717,900
<u>Other — Capital Projects</u>	1,099,000	988,000	593,000	543,000	543,000
<u>Housing Authority *</u>	1,900	-	1,900	-	1,900
<u>Vehicle Services</u>					
Administration	25,000	-	-	-	-
Public Works	98,000	165,000	150,000	200,000	395,000
Recreation & Parks	58,000	38,000	123,000	88,000	50,000
Police	102,000	102,000	134,000	102,000	102,000
Fire	275,000	-	55,000	45,000	-
Vehicle Services Total	<u>558,000</u>	<u>305,000</u>	<u>462,000</u>	<u>435,000</u>	<u>547,000</u>
TOTAL	<u><u>14,083,814</u></u>	<u><u>9,623,590</u></u>	<u><u>9,939,872</u></u>	<u><u>7,948,722</u></u>	<u><u>34,430,485</u></u>

* The bulk of the capital items for Housing Authority reflect computer upgrades. There is no tabbed section for this department.

HEALTH DEPARTMENT FIVE YEAR CAPITAL PLAN

	<u>2017/2018</u>	<u>2018/2019</u>	<u>2019/2020</u>	<u>2020/2021</u>	<u>2021/2022</u>
	Priority ()				
<u>General Fund</u>					
JCAHO Accreditation Survey	1,500	1,500	3,800	1,500	1,500
Computer System Replacements	6,000	6,900	4,400	3,800	3,900
Computer Software for Qualitative Data Analysis-atlas.ti	-	-	1,300	-	-
PHAB Accreditation	-	5,088	3,800	3,800	-
PTS Diagnostics Cardiochek Plus + accessories	1,040	-	-	-	-
Cardiochek Printer	285	-	-	-	-
Siemens DCA Vantage Analyzer, + accessories	4,120	-	-	-	-
Siemens Clintek Status + Analyzer + accessories	1,160	-	-	-	-
IFOBT Colon Cancer Screening Test	1,100	-	-	-	-
HCG Pregnancy Combo + Cassette (20 boxes of 25)	575	-	-	-	-
Copy Machine Replacement	-	-	-	9,000	-
	15,780	13,488	13,300	18,100	5,400

⁽¹⁾ A Sustainable Project

**HEALTH DEPARTMENT
CAPITAL IMPROVEMENT PLAN
2017/2018 PROJECTS**

GENERAL FUND PROJECTS

1. The Joint Commission Accreditation Survey is conducted every three years with an annual membership fee. **\$1,500**

2. Computer Replacements **\$6,000**

This is part of the ongoing replacement and upgrade of the computer system within the department. Computer upgrades include computer replacements and enhancements as follows:

3 Surface Pro 4 computers with keyboard \$6,000

For sustainability, the Health Department would also like to purchase surface pro computers to replace the field nursing staff's outdated IPADs to use with the home health electronic cloud based charting system called deVero. The computers will serve a dual function for use in both the office and the field.

3. The health department would like to purchase diagnostic equipment to begin Monitoring public health for chronic disease prevention and assisting with chronic Disease self-management. The equipment, which the department would like to obtain, includes: **\$8,280**

A PTS Diagnostics Cardiochek Plus Unit & Accessories, to check lipid panels	\$1,040
Cardiochek Printer	\$285
Siemens DCA Vantage Analyzer & Accessories to help with diabetes control	\$4,120
Siemens Clintek Status + Analyzer & Accessories to check urinalysis	\$1,160
IFOBT Test for local Colon Cancer Screening	\$1,100
HCG Pregnancy Combo + Cassette (20 boxes of 25) for pregnancy testing	\$575

**PUBLIC WORKS DEPARTMENT
FIVE YEAR CAPITAL PLAN**

	<u>2017/2018</u>		<u>2018/2019</u>		<u>2019/2020</u>		<u>2020/2021</u>		<u>2021/2022</u>	
	Priority ()		Priority ()		Priority ()		Priority ()		Priority ()	
<u>General Fund</u>										
Contractual Street Maintenance	300,000	(1)	300,000	(1)	300,000	(1)	300,000	(1)	300,000	(1)
Contractual Sidewalk Maintenance	60,000	(2)	60,000	(2)	60,000	(2)	60,000	(2)	60,000	(2)
Computer System Upgrades	9,000	(3)	8,300	(3)	8,200	(3)	8,900	(3)	6,900	(3)
Update DPW Common Space	5,000	(4)	5,000	(4)	5,000	(4)	5,000	(4)	5,000	(4)
Tree Removal	10,000	(5)	10,000	(5)	10,000	(5)	10,000	(5)	10,000	(5)
Sidewalk Extension along RT 30	240,000	(6)	-		-		-		-	
Generator for New DPW Facility	175,000	(7)	-		-		-		-	
Anti-Icing Equipment	-		200,000	(6)	-		-		-	
<u>Bike and Pedestrian Plan</u>										
Village Cut Throughs	-		225,000	(7)	225,000	(6)	-		150,000	(6)
Sidewalk - Indianwood (Orchard to Forest)	-		-		60,000	(7)	-		-	
Sidewalk - Orchard (Indianwood to Main)	-		-		50,000	(8)	-		-	
Sharrows - Orchard (Indianwood to Sauk)	-		-		-		5,000	(6)	-	
Sharrows - Downtown	-		-		-		20,000	(7)	-	
Sidepath - Western (Hemlock to Indianwood)	-		-		-		230,000	(8)	-	
Sidepath - Western (Cedar to Indianwood)	-		-		-		200,000	(9)	-	
CMAQ Multi-use Path *	-		-		-		122,000	(10)	1,520,000	(7)
Install Traffic Signal - Westwood Drive at Orchard Drive	-		-		-		-		300,000	(8)
New DPW /Rec & Parks Maintenance Facility	-		-		-		-		4,000,000	(9)
	799,000		808,300		718,200		960,900		6,351,900	
* 80% funded by CMAQ Grant										
<u>Motor Fuel Tax</u>										
MFT Maintenance Resolutions	470,000	(1)	470,000	(1)	470,000	(1)	470,000	(1)	470,000	(1)
Resurface Indianwood Blvd. (Sauk Trail to Monee Rd) - Const. **	1,592,827	(2)	-		-		-		-	
Resurface Indianwood Blvd. (Sauk Trail to Monee Rd) - Const. Egr. **	208,856	(3)	-		-		-		-	
Replacement of Street Lights	250,000	(4)	250,000	(2)	250,000	(2)	250,000	(2)	250,000	(2)
Resurface Illinois St (Orchard Dr to Western Ave.) - Design**	121,000	(5)	-		-		-		-	
Resurface Illinois St (Orchard Dr to Western Ave.) - Const.*	-		1,447,300	(3)	-		-		-	

(1) A Sustainable Project

PUBLIC WORKS DEPARTMENT FIVE YEAR CAPITAL PLAN

	<u>2017/2018</u>		<u>2018/2019</u>		<u>2019/2020</u>		<u>2020/2021</u>		<u>2021/2022</u>	
	Priority ()		Priority ()		Priority ()		Priority ()		Priority ()	
Resurface Illinois St (Orchard Dr to Western Ave.) - Const. Egr.**	-		138,800	(4)	-		-		-	
Thorn Creek Bridge Inspections (Every 48 months)	-		500	(5)	1,100	(3)	-		-	
Resurf. Westwood Dr/Norwood (Sauk Trail to Western Ave) - Design	-		-		-		-		80,000	(3)
Resurf Westwood Dr/Norwood (Sauk Trail to Western Ave) - Const.	-		-		-		-		2,000,000	(4)
Resurf Westwood Dr/Norwood (Sauk Trail to Western Ave)-Const. Egr	-		-		-		-		142,000	(5)
Resurface Shabbona Dr (Sauk Trail to Indianwood Blvd) - Design	-		-		-		-		80,000	(6)
Resurface Shabbona Dr (Sauk Trail to Indianwood Blvd) - Const.	-		-		-		-		2,000,000	(7)
Resurface Shabbona Dr (Sauk Trail to Indianwood Blvd) - Const Egr	-		-		-		-		142,000	(8)
Resurface S. Orchard Dr (Sauk Trail to Blackhawk Dr) - Design	-		-		-		-		50,000	(9)
Resurface S. Orchard Dr (Sauk Trail to Blackhawk Dr) - Const	-		-		-		-		1,000,000	(10)
Resurface S. Orchard Dr (Sauk Trail to Blackhawk Dr) - Const Egr	-		-		-		-		80,000	(11)
Intersection Improvements (Forest/Park at Norwood)	-		-		-		-		1,200,000	(12)
Replace Fence along Western Avenue	-		-		-		-		250,000	(13)
Intersection Improvements (Forest at Lakewood)	-		-		-		-		1,200,000	(14)
New Traffic Signal - Indiana & Rt. 30	-		-		-		-		300,000	(15)
		<u>2,642,683</u>		<u>2,306,600</u>		<u>721,100</u>		<u>720,000</u>		<u>9,244,000</u>

*Approx. 77% of amt shown will be funded through STP-U Program

**80% of amt shown will be funded through STP-U Program

Vehicle Services Fund

Replace Ford Ranger	28,000	(1)	-		-		-		-	
Valve Maintenance Trailer	70,000	(2)	-		-		-		-	
Replace 2-1/2 Ton Dump Truck with Anti-Ice Equipment #602	-		150,000	(1)	-		-		-	
Replace Asphalt Roller	-		15,000	(2)	-		-		-	
Replace 2-1/2 Ton Dump Truck with Anti-Ice Equipment #610	-		-		150,000	(1)	-		-	
Replace Combination Backhoe/Loader #624	-		-		-		120,000	(1)	-	
Emergency Generator on/with trailer	-		-		-		40,000	(2)	-	
Morbark Chipper # 625	-		-		-		40,000	(3)	-	

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PUBLIC WORKS DEPARTMENT FIVE YEAR CAPITAL PLAN

	<u>2017/2018</u> Priority ()		<u>2018/2019</u> Priority ()		<u>2019/2020</u> Priority ()		<u>2020/2021</u> Priority ()		<u>2021/2022</u> Priority ()	
Replace 2-1/2 Ton Dump Truck with Anti-Ice Equipment # 557	-		-		-		-		150,000	(1)
Replace International 6 Wheeler # 623 (Old 628)	-		-		-		-		60,000	(2)
Aerial Truck # 605	-		-		-		-		185,000	(3)
	98,000		165,000		150,000		200,000		395,000	
<u>Water Fund</u>										
Water Plant SCADA System Maintenance	15,000	(1)	15,000	(1)	15,000	(1)	15,000	(1)	15,000	(1)
Water Main Replacment	300,000	(2)	300,000	(2)	300,000	(2)	300,000	(2)	300,000	(2)
Interim Remediation (Lime Lagoon 2) - NPDES Permit ILG640194	70,000	(3)	70,000	(3)	70,000	(3)	70,000	(3)	70,000	(3)
Kaiser Air Compressor Maintenance	14,000	(4)	14,000	(4)	14,000	(4)	14,000	(4)	14,000	(4)
Replace Fire Hydrants	40,000	(5)	40,000	(5)	40,000	(5)	40,000	(5)	40,000	(5)
Computer System Upgrades	5,300	(6)	6,700	(6)	4,900	(6)	3,800	(6)	5,700	(6)
Replace Chlorine Station and Const. Above Ground Vault at Standpipe	200,000	(7)								
Bbox Replacement	100,000	(8)	100,000	(7)	100,000	(7)	100,000	(7)	100,000	(7)
Western Ave Water Main Extension (Sycamore to Cont. Mid.) - Design	150,000	(9)	-		-		-		-	
Western Ave Water Main Extension (Sycamore to Cont. Mid.) - Const	-		1,250,000	(8)	-		-		-	
Water Main Replacement - Design IEPA Loan	-		200,000	(9)	-		-		-	
Water Main Replacement - Construction IEPA Loan	-		-		2,000,000	(8)	-		-	
Water Main Replacement - Construction Engineering IEPA Loan	-		-		200,000	(9)	-		-	
Well Maintenance, Well #1 - Well Ct.	65,000	(10)	-		-		-		-	
Update Well #1 Motor Control and Cabinet (Priority)	60,000	(11)	-		-		-		-	
Replace Pickup F150 #662	28,000	(12)	-		-		-		-	
Autumn Ridge Tower Pump Upgrade - Water Supply	9,000	(13)	-		-		-		-	
Replace #1 OSEC Unit	35,000	(14)	-		-		-		-	
Install Security Cameras at Well's 5 and 6	22,000	(15)	-		-		-		-	
Automate 4" Cla-Val's at Autumn Ridge & Blackhawk Tower	30,000	(16)	-		-		-		-	
Improvements to Soda Ash & Lime Silo Level Sensors	40,000	(17)	-		-		-		-	
Replace/Upgrade HACH CL17 at Water Plant	7,500	(18)	-		-		-		-	
Replace Hatch around Well Head, Well #4 - DownTown	8,000	(19)	-		-		-		-	

⁽¹⁾ A Sustainable Project

PUBLIC WORKS DEPARTMENT FIVE YEAR CAPITAL PLAN

	<u>2017/2018</u>		<u>2018/2019</u>		<u>2019/2020</u>		<u>2020/2021</u>		<u>2021/2022</u>
	Priority ()		Priority ()		Priority ()		Priority ()		Priority ()
Lay 3" of Stone for Roadway into the Lagoon	8,000	(20)	-		-		-		-
Install Water Circulation at Autumn Ridge Tower - Water Quality	45,000	(21)	-		-		-		-
Repair Peeling Paint Filter Cell #5	22,000	(22)	-		-		-		-
Install Two Flow Control Valves for Lime Sludge at Lagoon	8,000	(23)	-		-		-		-
Install Safety Lighting at Blackhawk Tower	3,500	(24)	-		-		-		-
Commercial/Large Meter Evaluation and Testing	18,000	(25)	-		-		-		-
Water System Leak Survey	14,000	(26)	-		-		-		-
Storage Building 1200 Sq. Ft	15,000	(27)	-		-		-		-
Replace Broken Isolation Valve at Well #6	2,750	(28)	-		-		-		-
Replace Broken 10" Isolation Ball Valve to Lagoon	6,000	(29)	-		-		-		-
Energy Performance Contract	3,608,276	(30)	-		-		-		-
Improvements to Residential Water Meter Reading System	250,000	(31)	250,000	(10)	250,000	(10)	250,000	(8)	-
Meter Upgrade and Rebuild Program, 20% of Res. Meters	344,000	(32)	344,000	(11)	344,000	(11)	344,000	(9)	-
Radio Read Unit for Vehicle	-		45,000	(12)	-		-		-
Well Maintenance, Well # TBT	-		60,000	(13)	-		-		-
Repair Well #2 - Algonquin - Tied to Western Ave. Break	-		175,000	(14)	-		-		-
Update SCADA at Well #2	-		18,000	(15)	-		-		-
Replace Forklift # 659	-		20,000	(16)	-		-		-
Process Water Pump/Motor Maintenance (#1,2)	-		10,000	(17)	-		-		-
High Service Pump Maintenance (Pumps #1,2,3)	-		12,000	(18)	-		-		-
Add Automatic Hydrant Flushing units	-		10,000	(19)	-		-		-
Replace Two Raw Water Control Valves to Aerator in Water Plant	-		30,000	(20)	-		-		-
Tuck-point and Repair Roofs -Well #6 - Central Park	-		25,000	(21)	-		-		-
Replace East Raw Water Meter	-		14,000	(22)	-		-		-
Replace broken Raw Water Wash Out to Lagoon Valve's (x2)	-		6,500	(23)	-		-		-
Clean Out and Convert Outside Salt Storage Tanks (salt for making CL2)	-		15,000	(24)	-		-		-
Service Requests Software and Equipment	-		5,000	(25)	-		-		-
Update Water Plant Door Locks (security)	-		50,000	(26)	-		-		-

⁽¹⁾ A Sustainable Project

PUBLIC WORKS DEPARTMENT FIVE YEAR CAPITAL PLAN

	<u>2017/2018</u>	<u>2018/2019</u>	<u>2019/2020</u>	<u>2020/2021</u>	<u>2021/2022</u>
	Priority ()				
Water Plant Copier	-	-	5,000	(12)	-
Well Maintenance, Well # TBT	-	-	60,000	(13)	-
Replace 16" Water Main leaving Water Plant to Westwood Dr.	-	-	750,000	(14)	-
Ground Storage Clean Out/Inspection and Structural Repairs	-	-	100,000	(15)	-
Autumn Ridge Tower Cleanout and Inspection	-	-	10,000	(16)	-
Power Cleaning Exterior Autumn Ridge Tower - Mold Removal	-	-	25,000	(17)	-
Repair Cathodic Protection Autumn Ridge Tower	-	-	20,000	(18)	-
Replace Hydrochloric Acid Platform (for filter press)	-	-	10,000	(19)	-
Repaint floors in OSEC Room and Basement of Chemical feed/hallway	-	-	20,000	(20)	-
Generator at Well #6 (electrical transfer switches & SCADA tie in)	-	-	65,000	(21)	-
Replace Pickup F350 with Plow (Unit #667)	-	-	35,000	(22)	-
Well Maintenance, Well # TBT	-	-	-	60,000	(10)
Update Trihedral VTScada Computer Hardware	-	-	-	20,000	(11)
Replace chairs in Operator Station and Lunch Room	-	-	-	4,000	(12)
Replace furnaces at Well's 2,5 and 6	-	-	-	25,000	(13)
Replace existing electrical infrastructure at Well # 5	-	-	-	300,000	(14)
Pave Roadway going into Tamarack Standpipe	-	-	-	125,000	(15)
Top off Sand and Anthracite in all Filter Cells	-	-	-	40,000	(16)
Repair Cathodic Protection Blackhawk Tower	-	-	-	25,000	(17)
Blackhawk Tower Painting Repairs/logo application	-	-	-	650,000	(18)
Blackhawk Tower Water Recirculation Unit (Water Quality)	-	-	-	40,000	(19)
Tear down Well #7 Site (preserve water main for future water tower)	-	-	-	45,000	(20)
Replace Master Meter to Distribution System at Water Plant	-	-	-	18,000	(21)
Replace #2 OSEC Unit	-	-	-	35,000	(22)
Well Maintenance, Well # TBT	-	-	-	-	60,000 (8)
Tamarack Standpipe Painting/logo application and repairs (inside and ou	-	-	-	-	750,000 (9)
Install Water Circulation at Tamarack Standpipe	-	-	-	-	70,000 (10)

⁽¹⁾ A Sustainable Project

**PUBLIC WORKS DEPARTMENT
FIVE YEAR CAPITAL PLAN**

	<u>2017/2018</u>		<u>2018/2019</u>		<u>2019/2020</u>		<u>2020/2021</u>		<u>2021/2022</u>	
	<u>Priority ()</u>		<u>Priority ()</u>		<u>Priority ()</u>		<u>Priority ()</u>		<u>Priority ()</u>	
Repair Cathodic Protection at Tamarack Standpipe	-		-		-		-		25,000	(11)
Generator Well 5 (including electrical transfer switches & SCADA tie in	-		-		-		-		80,000	(12)
Lincolnwood Area Water Tower (at site of Well 7)	-		-		-		-		2,000,000	(13)
Well #4 Replace Underground Control Station - Downtown	-		-		-		-		150,000	(14)
Rebuild 4" Cla-Vals (Autumn Ridge, Blackhawk & Tamarack)	-		-		-		-		18,000	(15)
Rebuild Retaining Wall North of the Generator	-		-		-		-		45,000	(16)
Add Wastewater Sites to VTScada system	-		-		-		-		100,000	(17)
Repaint Filters at Water Plant	-		-		-		-		80,000	(18)
Replace HACH CL17 at Autumn Ridge Tower & Blackhawk Tower	-		-		-		-		14,000	(19)
Replace/Upgrade HACH Fluoride Analyzer at Water Plant	-		-		-		-		14,000	(20)
	-		-		-		-		-	
	-		-		-		-		-	
	5,570,326		3,085,200		4,437,900		2,523,800		3,950,700	
<u>Sewer Fund</u>										
Replace Corrugated Metal Pipe in East and West Drainage Way	1,095,075	(1)	-		-		-		-	
Sangamon Street Lift Station Overhaul	529,000	(2)	-		-		-		-	
Various Sanitary Sewer Improvement Projects and Repairs	400,000	(3)	400,000	(1)	400,000	(1)	400,000	(1)	400,000	(1)
Various Storm Sewer Improvement Projects and Repairs	100,000	(4)	100,000	(2)	100,000	(2)	100,000	(2)	100,000	(2)
Clean and Televiser Sewer Mains	50,000	(5)	50,000	(3)	50,000	(3)	50,000	(3)	50,000	(3)
National Pollution Discharge Elimination System Compliance Plan	5,000	(6)	5,000	(4)	5,000	(4)	5,000	(4)	5,000	(4)
Tree Removal	8,000	(7)	15,000	(5)	15,000	(5)	15,000	(5)	15,000	(5)
Village Wide Benchmarking	-		12,000	(6)	-		-		-	
Chestnut Street Lift Station Overhaul	-		200,000	(7)	-		-		-	
Forest Brook Street Lift Station Overhaul	-		100,000	(8)	-		-		-	
Illinois Street Lift Station Maintenance	-		-		100,000	(6)	-		-	

(1) A Sustainable Project

**PUBLIC WORKS DEPARTMENT
FIVE YEAR CAPITAL PLAN**

	<u>2017/2018</u>		<u>2018/2019</u>		<u>2019/2020</u>		<u>2020/2021</u>		<u>2021/2022</u>
	Priority ()		Priority ()		Priority ()		Priority ()		Priority ()
Thorn Creek Subdivision Storm Water Management Improvements	-		-		380,000	(7)	-		-
Excess Flow Facility Generator	-		-		100,000	(8)	-		-
Feasibility Study to extend along Western, Norfolk to Exchange	-		-		50,000	(9)	-		-
Clean Drainage Ditch from Westwood to Central Park	-		-		-		100,000	(6)	-
Clean Drainage Ditch from Lakewood to Krotiak	-		-		-		200,000	(7)	-
Clean Drainage Ditch in Winnebago Park	-		-		-		200,000	(8)	-
Clean Drainage Ditch from Rich East H.S. to Lakewood	-		-		-		-		200,000 (6)
Clean Drainage Ditch from Indianwood to East Rocket	-		-		-		-		100,000 (7)
Flow Testing of Sewer Mains	-		-		-		-		20,000 (8)
Smoke Testing of Sewer Mains	-		-		-		-		20,000 (9)
Flood Testing of Sewer Mains	-		-		-		-		30,000 (10)
Drainage Study Todd and Thomas	-		-		-		-		25,000 (11)
Drainage Assessment - Keokuk Park	-		-		-		-		25,000 (12)
	2,187,075		882,000		1,200,000		1,070,000		990,000
<u>Municipal Parking Fund</u>									
Fare Box Height Adjustment	2,000	(1)	-		-		-		-
Replace Gate Arms at Lot 2 (One Each Year)	6,000	(2)	6,000	(1)	6,000	(1)	-		-
Parking Lot Resurfacing - 211 th St. Station (Lot 1)	-		-		-		300,000	(1)	-
Install Lot 2 Gate Canopy	-		-		-		-		60,000 (1)
Relocate Fare Boxes and add Weather Shield in Lot #1	-		-		-		-		80,000 (2)
Install Security System Lot #1	-		-		-		-		325,000 (3)
Install Security System Lot #2	-		-		-		-		375,000 (4)
211th St. Parking Lot Lighting Upgrade	-		-		-		-		200,000 (5)
Matteson Station Parking Lot Lighting Upgrade	-		-		-		-		200,000 (6)
Station Improvements (Tunnel and Restroom Facilities, Lot 1)	-		-		-		-		6,200,000 (7)
	8,000		6,000		6,000		300,000		7,440,000
TOTAL	<u>11,305,084</u>		<u>7,253,100</u>		<u>7,233,200</u>		<u>5,774,700</u>		<u>28,371,600</u>

(1) A Sustainable Project

**PUBLIC WORKS DEPARTMENT
CAPITAL IMPROVEMENT PLAN
2017/2018 PROJECTS**

GENERAL FUND PROJECTS

1. Contractual Street Maintenance \$300,000

This item consists of funding for street maintenance on smaller residential roads. Otherwise, DPW plans to use these funds in conjunction with water main and/or sewer improvement projects when possible. These funds will be utilized to fund the remaining road that was not affected by water main and/or sewer installation. The goal would be for a more complete roadway improvement. Unspent funds would/could also be encumbered for future, greater, road improvements.

2. Contractual Sidewalk Maintenance \$60,000

This item consists of funding for the removal and replacement of public sidewalk Village wide. DPW will inspect resident and business requests, complaints, reports and/or inquiries of deficient/non-compliant sidewalk and replace/maintain it accordingly.

3. Computer System Upgrades \$9,000

This item consists of funding for the ongoing replacement and upgrade of computers and computer/office related equipment for the DPW and Field offices.

4. Update DPW Common Space \$5,000

This item consists of funding for minor updating and repair to the existing Public Works garage common spaces. This facility is over 50 years old and is in need of on-going maintenance. New lunchroom tables, cabinets, refrigerator, stove, restroom fixtures, lockers, and partitions. DPW will seek energy efficient and/or other sustainable/green items.

5. Tree Removal \$10,000

This item consists of funding for the removal of trees that have naturally grown in areas or adjacent to Village infrastructure, that propose accessibility challenges or can potentially cause damage to infrastructure and property.

6. Sidewalk Extension along RT 30 \$240,000

This item consists of funding for the installation of new sidewalk along Lincoln Hwy/RT 30, from Orchard Dr to the Eastern Village limit. This would be a continuation of the sidewalk

installed from Indiana St to Orchard Dr, during the RT 30 Streetscape Project. This cost includes construction and all three phases of engineering assuming federal funding.

7. Generator for New DPW Facility \$175,000

This item consists of funding for the installation of an emergency generator to supply power to the newer DPW facility during planned and unplanned power outages. This will allow for continued operations.

MOTOR FUEL TAX FUND PROJECTS

1. MFT Maintenance Resolutions \$470,000

This item consists of funding for the eligible maintenance work identified in the Village's Annual MFT Municipal Estimate of Maintenance Costs. This estimate consists of traffic signal maintenance, street light maintenance, street sweeping, vegetation control, snow and ice control purchases, and various maintenance contracts.

2. Resurface Indianwood Blvd. (Sauk Trail to Monee Rd) – Construction \$1,592,827

This item consists of funding to provide the match funding for the construction of this project. This work will consist of curb replacement, sidewalk improvements at intersections, structure adjustments, milling and resurfacing of roadway, pavement patching, driveway apron replacement, pavement marking, traffic sign replacement, and restoration. 80% of amount shown will be funded by the Surface Transportation Program (STP). This Phase is funded 100% by the State and then 20% will be billed to the Village.

3. Resurface Indianwood Blvd. (Sauk Trail to Monee Rd) – Const. Egr. \$208,856

This item consists of funding to provide the match funding for the construction engineering services for this project. This work is completed concurrently with construction. Work consists of observation, contract compliance, and documentation by an onsite engineer during construction. 80% of amount shown will be funded by the Surface Transportation Program. This Phase is funded 100% by the Local Agency and then 80% is reimbursed by the State.

4. Replacement of Street Lights \$250,000

This item consists of funding for the replacement of a portion of the existing Village street lighting system. The current system requires constant maintenance and provides minimal lighting. The goals of this project are to improve various aspects/components of the street lighting system and reduce maintenance costs. In order to achieve these goals, a portion of the entire system will need to be replaced systematically and regularly until the entire system has been replaced. This item is to be used for the Village's cost participation and/or consultant costs for engineering services.

5. Resurface Illinois St. (Orchard Dr to Western Ave) – Design \$121,000

This item consists of funding to provide the match funding for the design engineering services for this project. This project is anticipated to consist of curb replacement, sidewalk improvements at intersections, structure adjustments, milling and resurfacing of roadway, pavement patching, driveway apron replacement, pavement marking, traffic sign replacement, and restoration. 80% of amount shown will be funded by the Surface Transportation Program. This phase is funded 100% by the Local Agency and then 80% is reimbursed by the State. DPW is also planning to complete work within Illinois Ct which is along this street. Unfortunately, any work within this area will be considered Non-Participating and will need to be funded at 100% by the Village. This still needs concurrent approval from IDOT

VEHICLE SERVICE FUND PROJECTS

1. Replace Ford Ranger #664 \$28,000

The vehicle to be replaced is a 2008 Ford Ranger used by the Assistant Director for various daily duties. Duties include field inspections, field surveying, responding to resident complaints and inquiries, construction engineering oversight, attending various meetings and trainings and responding to emergencies. This price reflects the use of hybrid or CNG technology.

2. Valve Maintenance Trailer \$70,000

This item consists of the purchase of a new piece of equipment. In particular, a small trailer unit the DPW Crews would use for valve turning, hydro excavation, and valve and b box maintenance.

WATER FUND PROJECTS

1. Water Plant SCADA System Maintenance \$15,000

This item consists of funding for any needed additional programming services to improve record keeping and water system monitoring capabilities. This item assists Village staff in process control and providing the mandatory EPA reporting, as well as, keeping the Village's monitoring system current. The Village Water Plant and its remote sites (Wells, Water Towers, Storage Tanks) are currently being monitored by SCADA systems.

2. Water Main Replacement \$300,000

This item consists of funds to replace deteriorated water mains and applicable appurtenances. The design and construction engineering work for this item is planned to be completed by In-House staff. The locations of the work will be determined by the findings of any Main Break Frequency Records and/or Water Main Evaluation and Replacement Studies.

3. Interim Remediation (Lime Lagoon 2) – NPDES Permit IL G640194 \$70,000

This item consists of funding for the remediation of the lime lagoons as required by the IEPA. Under this permit, the Village is required to remove and dispose of lime residuals and keep levels below a minimum as set by the permit.

4. Kaiser Air Compressor Maintenance \$14,000

This item consists of funding to provide annual maintenance to water plant air compressors. These air compressors provide the air necessary to the lime and soda ash control valves, filter press operations, and other critical functions of the water plant. Maintenance consists of, but not limited to, oil changes, filters, repair parts, and labor.

5. Replace Fire Hydrants \$40,000

This item consists of funding to replace any inoperable and/or obsolete model hydrants. Hydrants become inoperable when damaged or due to old age. Obsolete model hydrants become difficult to maintain because parts are no longer available. The goals of this item are to have current standard model hydrants and have hydrants in an operable condition.

6. Computer System Upgrades \$5,300

This item consists of funding for the ongoing replacement and upgrade of computers and computer/office related equipment at the Water Plant and Water Billing/Customer Services Department.

7. Replace Chlorine Station & Const. above Ground Vault at Stand Pipe \$200,000

This item consists of funds to replace the original chlorine booster station at the Tamarack St Stand Pipe. The current structure, which was constructed approximately in 1982, has served its useful life and requires major rehabilitation which was cited by the IEPA during two different Sanitary Inspections (2012 & 2015). A new structure will replace the existing one along with new chlorine feed equipment, chlorine booster bumps, chlorine day storage tanks, chlorine monitoring equipment, sampling collecting sink and proper ventilation as required by IEPA Standards, Section 5.4.1.

8. B-Box Replacement \$100,000

This item consists of funding for the replacement of inoperable water service valves. The Water Billing Department has a list of inoperable shut off valves that need to be dug up and replaced in order to turn off the water to a residence for non-payment. This item shall consist of a maintenance contract where a contractor will help DPW staff in completing this work.

9. Western Ave Water Main Extension (Sycamore to Cont. Midland)-Design \$150,000

This item consists of funds for the design of extending water main along Western Ave to service current customers and future development. Continental Midland approached the Village

with interest in connecting to the Village Water Supply System. If an agreement can be made, this is the opportunity to design for this new customer and for future development.

10. Well Maintenance Well #1 – Well Ct \$65,000

This item consists of funding to perform an ongoing Well Maintenance Program. Each well is on a cycle to be inspected, evaluated and if necessary, repaired or reconditioned. After this project, each well would have been inspected and reconditioned.

11. Update Well #1 Motor Control and Cabinet \$60,000

This item consists of funds to replace an aging motor control starter and control cabinet at Well #1. The current motor start and electrical components have operating issues causing the well not to run. Current components have aged to the point where replacement parts are unavailable. This well is a primary well the Water Plant uses due to water quality.

12. Replace Pick up F150 #662 \$28,000

This item consists of funding for the replacement of this vehicle that is used by Water Plant Staff to perform daily duties. Duties include water testing and sampling, responding to resident inquiries, attending trainings and meetings, traveling to all Water Plant remotes sites (wells, water towers, and stand pipe), delivering test samples, doing routine inspections, and product pickup from local vendors. This price reflects the use of hybrid or CNG technology.

13. Autumn Ridge Tower Pump Upgrade – Water Supply \$9,000

This item consists of funds the replace the current Aurora single stage pump that is used to fill Autumn Ridge Tower. The current pump is undersized and not capable to meet system demand to refill the tower quickly enough. The new pump will be refill the tower in half the amount of time.

14. Replace #1 OSEC Unit \$35,000

This item consists of funds to replace the #1 OSEC unit which is used to make chlorine bleach to sanitize the water and maintain IEPA compliance. The current unit would be removed and used for spare parts for #2 OSEC since the current model is no longer made and parts are hard to get.

15. Install Security Cameras at Wells 5 and 6 \$22,000

This item consists of funds to purchase security cameras for Well #5 and #6 which will allow Village staff to monitor off-site critical water infrastructure 24/7. There is currently no security cameras at these two locations.

16. Automate 4” Cla-Val’s at Autumn Ridge and Blackhawk Tower \$30,000

This item consists of fund to automate the current manual 4” Cla-Val’s at Autumn Ridge and Black Towers. These valves are used to control when the towers fill, how full they get and how much the valve opens thus putting additional pressure on the distribution system.

17. Improvements to Soda Ash and Lime Silo Level Sensors \$40,000

This item consists of fund to improve the current Soda Ash and Lime silo level sensors. The current level sensors do accurately show the amount of product in each silo thus it is very difficult to keep accurate inventory records of each product.

18. Replace/Upgrade HACH CL17 at Water Plant \$7,500

This item consists of funds to replace the current HACH CL17 chlorine analyzer and flow control at the Water Plant with a new unit that does not require the purchase of reagents. Reagent costs continue to climb and a reagentless unit in the long run will save money.

19. Replace Hatch around Well Head, Well #4 - Downtown \$8,000

This item consists of funds to replace the hatch cover around the well head at Well #4, Downtown. The current cover is rusted and deteriorated on the inside and poses a safety concern to shoppers walking downtown as this hatch is in the side walk.

20. Lay 3” of Stone for Roadway into the Lagoon. \$8,000

This item consists of funds to lay at least 3” of stone on the roadway going into the lagoon. The current roadway is primarily dirt.

21. Install Water Circulation at Autumn Ridge Tower – Water Quality \$45,000

This item consists of funds to install a water circulation system at Autumn Ridge tower. This would greatly improve water quality inside the tower. Water circulation allows stagnant/unchlorinated water at the top to be circulated with fresh chlorinated water.

22. Repair Peeling Paint in Filter Cell #5 \$22,000

This item consists of funding to repair and repaint filter cell #5 at the water plant.

23. Install two flow control valves for Lime Sludge at Lagoon \$8,000

This item consists of funding for the installation of flow control valves at the lime lagoon. Currently lime sludge enters the north lagoon and then will need to be transferred to the south lagoon for drying. These valves will allow DPW to discharge to south lagoon directly.

24. Install Safety Lighting at Blackhawk Tower \$3,500

This item consists of funds to purchase and install safety lighting at Blackhawk Tower. The current lighting is broken and beyond repair.

25. Commercial/Large Meter Evaluation and Testing \$18,000

This item consists of funds to evaluate and test commercial/large meters for accuracy and to determine which meters are due for replacement/upgrade.

26. Water System Leak Survey \$14,000

This item consists of funds to hire an independent firm to evaluate the distribution system for leaks.

27. Storage Building 1200 Sq. Ft. \$15,000

This item consists of funds to purchase a 1200 sq. ft. storage building for the Water Plant. Storage of Village owned items is minimal inside the water plant and this would provide the needed space to maintain Village owned property.

28. Replace Broken Isolation Valve at Well #6 \$2,750

This item consists of fund to replace a broken isolation valve at Well #6. The current valve is old and unrepairable.

29. Replace Broken 10" Isolation Ball Valve to Lagoon \$6,000

This item consists of funds to replace a broken/seized ball valve that allows the Water Plant to discharge to the lime lagoon.

30. Energy Performance Contract \$3,608,276

This item consists of funds to enter into a Guaranteed Energy Savings/Performance Contract with a qualified provider for the implementation of an energy audit, data collection, and other related analysis, evaluation and recommendation of energy conservation measures, implementation of one or more conservation measures and implementation of project monitoring and data collection to verify post-installation energy consumption and energy related operating costs. The contract provides that all payments are to be made over time and that the savings are guaranteed to the extent necessary to pay the costs of the energy conservation measures. This item will be used to evaluate for improvements to water treatment, use, and billing.

31. Improvements to Residential Water Meter Reading System \$250,000

This item consists of funding for an improved method for collecting monthly water usage readings.

32. Meter Upgrade and Rebuild Program, 20% of Res. Meters \$344,000

This item consists of funding for the systematic replacement/upgrade of residential and business water meters.

SEWER FUND PROJECTS

1. Replace Corrugated Metal Pipe in East and West Drainage Way \$1,095,075

This item consists of funding for the rehab/lining of the dual 60 inch diameter storm pipes which begin in Krotiak Park and through Area J and Garden House property to Westwood Drive. DPW consulted with Baxter and Woodman Consulting Engineers for a study of the tributary area and received recommendations of a method of rehabilitation.

2. Sangamon Street Lift Station Overhaul \$529,000

This item consists of funding for the repair, replacement, and/or upgrade improvements to this facility. In particular, incorporation of a generator, new pumps, new pipes, incorporation of SCADA, and misc. appurtenances for a complete overhaul/tune up.

3. Various Sanitary Sewer Improvement Projects and Repairs \$400,000

This item consists of funding for the maintenance, improvements and repairs to the Village Sanitary Sewer System. Manholes and/or pipe fail functionally and/or structurally and develop sinkholes, system backups, and areas of infiltration. Improvements and repairs will be performed when found during routine maintenance and/or as reported by residents or Village staff.

4. Various Storm Sewer Improvements Projects and Repairs \$100,000

This item consists of funding for the maintenance, improvements and repairs to the Village's Storm Sewer System. Various inlets, manholes, and/or catch basins have developed sink holes either from the structure itself and/or from pipe and joint failure. There are also a number of areas in the Village that trap/pond drainage water. Some of these areas can be corrected by either re-grading the area or adding a structure and pipes to allow proper drainage of trapped water.

5. Clean and Televise Sewer Mains \$50,000

This item consists of funding for the inspection and observation of the structural quality and proper function of the sanitary and storm sewer system. In past projects, DPW has observed deteriorating pipe, heavy debris, roots, and voids in the sewer system. The goal is to perform this work and then create a maintenance priority list.

6. National Pollution Discharge Elimination System Compliance Plan \$5,000

This item consists of funding for any expenses required to comply with and meet the goals of the Village's NPDES ILR40 – Discharges from Small MS4's and ILR10 – General Construction Site Activities permits. The Federal Environmental Protection Agency's, National Pollution Discharge Elimination System (NPDES) Phase II Storm Water Program, became effective in March, 2003. ILR40 permits cover discharges from municipal separate storm sewer systems and ILR10 permits cover individual construction projects over 1 acre. ILR40 permit requires that Village's create, implement, and evaluate a Storm Water Management Plan. The goals of this plan are to reduce the discharge of pollutants to the maximum extent practical, protect water quality, and implement best management practices to satisfy six minimum control measures. Yearly progress reports need to be submitted demonstrating the Villages permit accomplishments. ILR10 permit requires that Villages engaging in construction projects with a land disturbance greater than 1 acre must submit and comply with a Storm Water Pollution Prevention Plan.

7. Tree Removal \$8,000

This item consists of funding for the removal of trees that have naturally grown in areas or adjacent to Village infrastructure that propose accessibility challenges or can potentially cause damage to infrastructure and property.

MUNICIPAL PARKING PROJECTS

1. Fare Box Height Adjustment \$2,000

This item consists of funding for the relocation of the credit card reader system on the new fare boxes at the Matteson Parking Station. Currently the credit card reader is located at the upper part of the fare box which requires a longer reach for customers. This adjustment will lower the card readers to a level that is in compliance with ADA. The lot has 4 boxes but only three will be readjusted. DPW plans to keep 1 fare box as-is to service SUV level motorists.

2. Replace Gate Arms at Lot 2 (One Each Year) \$6,000

This item consists of funding for the replacement of three gate arms that allow customers to leave the lot after payment. DPW recently replaced the payment boxes and now needs to replace the gate arms. The current units are rusting and water damage is malfunctioning the cooperation with the new payment boxes.

RECREATION & PARKS DEPARTMENT FIVE YEAR CAPITAL PLAN

	<u>2017/2018</u> Priority ()	<u>2018/2019</u> Priority ()	<u>2019/2020</u> Priority ()	<u>2020/2021</u> Priority ()	<u>2021/2022</u> Priority ()
<u>General Fund</u>					
Urban Forestry	80,000	(1)	80,000	80,000	80,000
Various Parks - Playground safety surface maintenance	7,000	(2)	7,000	7,000	7,000
Computer system upgrades	4,400	(3)	6,700	7,500	3,500
Central Park Wetlands Management Plan	3,000	(4)	3,000	3,000	3,000
Thorn Creek Nature Center Painting/ Repairs	5,000	(5)	-	-	-
Freedom Hall - Replace Reception Area Furniture/ Carpet	23,000	(6)	-	-	-
ADA Transition Plan Implementation - Various	5,000	(7)	5,000	5,000	5,000
Various Parks - crack-fill/ seal walks	5,000	(8)	-	5,000	5,000
Resurface Walks - Various	8,000	(9)	-	8,000	8,000
Various Parks - Replace tables/ bleachers	5,000	(10)	-	-	5,000
Green Initiatives ⁽¹⁾	5,000	(11)	5,000	5,000	5,000
Algonquin School - Recolor-coat multi use court	10,000	(12)	-	-	-
Televiser Storm Sewer Lines - Central Park	5,000	(13)	-	-	-
Replace North Fence Parks Maintenance Yard- 600' Chain-link	24,000	(14)	-	-	-
Replace Backstop - Indiana Park ⁽³⁾	6,000	(15)	-	-	-
Playground Design (Central Park) ⁽³⁾	-		35,000	-	-
Freedom Hall - Replace lobby floor	-		12,000	-	-
Replace Backstop - Illinois Park ⁽³⁾	-		6,000	-	-
Remove Tennis Courts - Cedar Park ⁽³⁾	-		20,000	-	-
Remove Tennis Courts - Shabbona Park ⁽³⁾	-		20,000	-	-
Freedom Hall - Digital Marque Sign	-		10,000	-	-
Freedom Hall - re-carpet meeting rooms	-		-	13,000	-
Freedom Hall - Remodel upper level washrooms	-		-	60,000	-

⁽¹⁾ Sustainable Project

⁽²⁾ Grant Funded

⁽³⁾ Lifecycle Project

⁽⁴⁾ Included in Reno Project

**RECREATION & PARKS DEPARTMENT
FIVE YEAR CAPITAL PLAN**

	<u>2017/2018</u> Priority ()	<u>2018/2019</u> Priority ()	<u>2019/2020</u> Priority ()	<u>2020/2021</u> Priority ()	<u>2021/2022</u> Priority ()
<u>General Fund (continued)</u>					
Playground Renovation - Central Park ^{(2) (3)}	-	-	200,000	-	-
Interpretive Sign Program - Village wide ⁽¹⁾	-	-	9,000	-	-
Replace Outfield Fencing - Central Park	-	-	-	35,000	-
Dog Park - Install second shelter/ agility equipment	-	-	-	8,000	-
Replace Backstop - Onarga	-	-	-	6,000	-
Playground Renovation - Indiana ⁽³⁾	-	-	-	60,000	-
Central Park - Replace Ballfield Lights A&B ⁽¹⁾	-	-	-	125,000	-
Replace Pole Barn Storage Shed - New Parks Garage	-	-	-	-	400,000
New Basketball Courts	-	-	-	-	120,000
Replace Central Park Backstops	-	-	-	-	100,000
Open Space Trail Development - Hidden Meadows ⁽¹⁾	-	-	-	-	70,000
Playground Renovation - Logan Park	-	-	-	-	50,000
Freedom Hall ADA Access - Upper Level	-	-	-	-	100,000
	<u>195,400</u>	<u>209,700</u>	<u>407,500</u>	<u>337,800</u>	<u>961,500</u>
<u>Bike & Pedestrian Plan Implementation - (included in General Fund)</u>					
Somonauk Park - Widen existing path to 10' multi use trail ⁽³⁾	-	100,000	-	-	-
Various locations - Install kiosk and wayfinding signage	-	5,000	-	-	-
Winnebago Park - Extend 10' walk to dog park	-	60,000	-	-	-
Central Park - Widen path to 10' multi use trail ⁽³⁾	-	-	200,000	-	-
Winnebago Park - Widen existing path to 10' multi use trail	-	-	-	200,000	-
	<u>-</u>	<u>165,000</u>	<u>200,000</u>	<u>200,000</u>	<u>0</u>
Total General Fund:	195,400	374,700	607,500	537,800	961,500

⁽¹⁾ Sustainable Project

⁽²⁾ Grant Funded

⁽³⁾ Lifecycle Project

⁽⁴⁾ Included in Reno Project

**RECREATION & PARKS DEPARTMENT
FIVE YEAR CAPITAL PLAN**

	<u>2017/2018</u> Priority ()	<u>2018/2019</u> Priority ()	<u>2019/2020</u> Priority ()	<u>2020/2021</u> Priority ()	<u>2021/2022</u> Priority ()
<u>Vehicle Services Fund</u>					
Misc. Vehicle Repair/ Recondition ⁽¹⁾	8,000	(1) 8,000	8,000	8,000	8,000
Replace Toro Mower	50,000	(2) -	-	-	-
Replace Pick-Up & Plow - #147	-	30,000	-	-	-
Replace Tractor/Loader #133	-	-	60,000	-	-
Replace Dump Truck #139	-	-	30,000	-	-
Replace Pick-Up #144	-	-	25,000	-	-
Replace Skid-steer Loader	-	-	-	30,000	-
Non CDL Bus	-	-	-	50,000	-
Replace Utility Cart	-	-	-	-	12,000
Replace Pick-up #146	-	-	-	-	30,000
	58,000	38,000	123,000	88,000	50,000
<u>Aqua Center Fund</u>					
Replace five pool pumps ^{(1)*}	5,000	(1) 5,000	5,000	5,000	-
Replace South Fence (encumber 8,000 from FY16)	6,000	(2) -	-	-	-
Computer system upgrades	3,800	(3) 6,300	1,900	-	-
Replace deck chairs	5,000	(4) 5,000	5,000	-	5,000
Install lockers / Dressing partitions	5,000	(5) 5,000	-	-	-
ADA Transition Plan Implementation	5,000	(6) -	5,000	-	5,000
Pave drive - North mechanical building	5,000	(7) -	-	-	-
Pool Play Equipment	-	5,000	10,000	-	10,000
Pave drive - South mechanical building	-	5,000	-	-	-
Pool bottom maintenance	-	5,000	-	5,000	-

⁽¹⁾ Sustainable Project

⁽²⁾ Grant Funded

⁽³⁾ Lifecycle Project

⁽⁴⁾ Included in Reno Project

**RECREATION & PARKS DEPARTMENT
FIVE YEAR CAPITAL PLAN**

	<u>2017/2018</u> Priority ()	<u>2018/2019</u> Priority ()	<u>2019/2020</u> Priority ()	<u>2020/2021</u> Priority ()	<u>2021/2022</u> Priority ()
<u>Aqua Center Fund (continued)</u>					
Pool Deck Repairs	-	5,000	5,000	-	5,000
Lobby Facelift	-	-	5,000	-	-
Replace roof - North mechanical building	-	-	-	20,000	-
Renovate west pool	-	-	-	-	1,000,000
Replace the east pool	-	-	-	-	1,000,000
New spray/ splash pad	-	-	-	-	1,000,000
	<u>34,800</u>	<u>41,300</u>	<u>36,900</u>	<u>30,000</u>	<u>3,025,000</u>
<u>Tennis & Health Club Fund</u>					
Virginia Graham Compliance/Whirlpool upgrades	42,000 (1)	-	-	-	-
Replace Court Sweeper	6,000 (2)	-	-	-	-
ADA Transition Plan Implementation	5,000 (3)	-	5,000	-	5,000
Replace/ Upgrade Exercise Equipment	-	5,000	5,000	5,000	5,000
Carpeting Locker Rooms	-	5,000	-	-	-
Replace HVAC - Lounge	-	10,000	-	-	-
Computer system upgrades	-	1,900	1,000	-	-
Retrofit Court Lights - Energy Savings ⁽¹⁾	-	-	65,000	-	-
Re-coat roof	-	-	45,000	-	-
Replace HVAC - Lower Level	-	-	-	10,000	-
	<u>53,000</u>	<u>21,900</u>	<u>121,000</u>	<u>15,000</u>	<u>10,000</u>
TOTAL	<u><u>341,200</u></u>	<u><u>475,900</u></u>	<u><u>888,400</u></u>	<u><u>670,800</u></u>	<u><u>4,046,500</u></u>

⁽¹⁾ Sustainable Project

⁽²⁾ Grant Funded

⁽³⁾ Lifecycle Project

⁽⁴⁾ Included in Reno Project

**RECREATION & PARKS DEPARTMENT
CAPITAL IMPROVEMENT PLAN
2017/2018 PROJECTS**

GENERAL FUND PROJECTS

1. Urban Forestry \$80,000

This project continues the urban forestry work in maintaining the Village’s public trees. In 2009/10, the Village Board adopted the *EAB Readiness Plan* that gives direction to staff’s urban forestry decisions. The EAB Readiness Plan calls for a deliberate increase of species diversity in the Village’s urban forest. This will make for a healthier urban forest and minimize the effects of similar infestations and diseases to the overall tree population. This plan is also integral to any forestry related grant application and will continue to steer Village decisions in the future. Late in 2015, the Village received a \$13,300 grant from the Morton Arboretum to help replant trees lost to the Emerald Ash Borer beetle. Forty-eight trees were planted in 2015/16. Residents were able to request a tree for their parkway and in return were asked to commit to watering the tree for three growing seasons. Village staff has been monitoring this program and residents have so far, been faithful to their commitment. Staff will apply for other grants as they become available.

2. Playground Safety Surfacing – Various Parks \$7,000

Consumer Product Safety Regulations and new ADA Standards dictate the specific safety surfaces allowed underneath play equipment. Subsequently, surfacing under playground equipment has taken on a completely new dimension. At one time, a mix of sand and limestone screenings spread under play equipment sufficed. Wood chips from the Village’s own tree trimming operations came next but uneven sizes of these chips allowed this material to compact and loose the required resilience for safety. The initial “fluffiness” of the local product does not produce the firmness required for ADA accessibility. This change for public playgrounds requires the purchase of specially ground hardwood chips or the much more expensive concrete or asphalt pad covered with special rubber matting. This item contemplates an annual purchase of the required wood chip material to surface several of the fifteen different playgrounds in the system annually.

3. Computer System Upgrades \$4,400

This covers routine replacement of computers in the Recreation & Parks Department.

4. Central Park Wetlands Management Plan \$3,000

The Central Park Wetlands is one of the better restoration success stories in the Chicago-land area. An outdoor classroom to thousands of children and adults, this project has brought much attention to the Village of Park Forest as a leader in conservation and sustainability efforts. Since 2000, when the project began, the number of native plant

species identified on site has grown from a few dozen to over 140. The following quote from the “2007 Floristic Inventory” best summarizes this improvement and its significance:

- “Restoration efforts thus far have dramatically improved the quality of Central Park Wetland. Continued control of invasive and exotic species as well as subsequent seeding of native species will undoubtedly improve the ecological integrity of the site even further.” “Overall, Central Park Wetland harbors significant native vegetation and represents a unique wetland community of high conservation value to the greater Chicago region.” “The Village of Park Forest’s Central Park Wetland is a role model. Given the ever-enlarging urban areas in the United States, and the resulting degradation and destruction of natural areas, this restoration effort represents an admirable and successful integration of vital natural habitat into an urban setting.”

This item will continue management practices adopted in 2012 to control invasive plants and improve habitat.

5. Thorn Creek Nature Center Painting/ Repairs \$5,000

As part of Thorn Creek Management Commission, the Village assumes responsibility for the maintenance of the Nature Center building. Over the past several years, with help from Friends of Thorn Creek and donations the building has had a new roof and windows as well as repairs to the foundation. Three years ago, in anticipation of painting, a building inspection identified several needed repairs. Notably, repairs to the steeple vents and replacing some siding. These monies will be combined with monies from Friends of Thorn Creek to complete the repairs and the painting.

6. Freedom Hall – Replace Reception Area Furniture/ Carpet \$23,000

This furniture and carpeting, installed as part of the 2001 renovations has seen a considerable amount of use. The fabrics are worn and the inner springs and framework has begun to breakdown. This project would replace the furniture.

7. ADA Plan Implementation – Various Facilities \$5,000

In January of 2015, ACT Services, Inc completed the ADA Transition Plan for the Village. This plan outlines areas the Village is deficient in meeting ADA Guidelines. Not all identified deficiencies need be addressed immediately, but it is expected that reasonable efforts be made on an ongoing basis to provide and maintain accessibility. This item is included to correct deficiencies that require immediate attention.

8. Various Parks – Crack-fill/seal walks \$5,000

The Villages 4 plus miles of walks is one of the most widely used amenities in the park system. Originally installed in the 1970’s, these walks require periodic routine maintenance to maintain a safe walking surface

9. Various Parks – Resurface walks \$8,000

Another continuing maintenance item is the resurfacing of walks. Due to the heavy clay soils in the Village, settling and displacement occurs regularly in several parks such as Central and Winnebago.

10. Various Parks – Replace tables/ bleachers \$5,000

This project anticipates the periodic replacement of picnic tables and bleachers

11. Green Initiatives \$5,000

Experience has shown that often, small grants become available for storm water management and green infrastructure projects. This item is to meet any grant matches that might be required.

12. Algonquin School – Color-coat Multi-use Court \$10,000

This is a Lifecycle Project. Color coating provides an attractive, cooler finish for activities by reducing the amount of heat absorbed. It also helps extend the life of the asphalt surface by reducing the volatilization of oils from the asphalt.

13. Televiser/ Repair Storm Sewer Lines – Central Park \$5,000

The storm drains through Central Park date back to the reconstruction of the softball fields in the early 1980's. Observations over the last few years suggest that there is some displacement or broken pipe. This project will locate these areas and repair them.

14. Replace North Fence Parks Maintenance Yard \$24,000

The current fence borders Westwood Dr., is wooden stockade construction and surrounds an area of the maintenance yard used to store wood chips and associated debris from urban forestry operations. This fence is not particularly secure and has been repaired several times in the past few years. This project proposes to replace the wood stockade fence with chain link fencing interwoven with privacy slats.

15. Replace Backstop – Indiana Park \$6,000

This is Lifecycle Project. Most backstops on Village ballfields are over 20 years old and need replacing. This project anticipates replacing backstops in various parks over the next several years.

BIKE AND PEDESTRIAN PLAN IMPLEMENTATION

Kiosks were installed in 2016 and plans are to fully utilize these before installing more. Other, larger projects are outlined for the future.

VEHICLE SERVICES FUND PROJECTS - PARKS

1. Vehicle Repair / Reconditioning \$8,000

When pick-ups and other light duty trucks are up for replacement, they typically have less than 50,000 miles. The reason for replacement is typically heavy use in rough conditions (construction, off road in park areas, snow plowing, etc.). With an extensive repair and reconditioning program, some of these vehicles will serve another 20,000 to 30,000 miles or almost 3 years. The repair program would usually consist of an engine overhaul, bodywork, seat and upholstery reconditioning, etc.

2. Replace Toro Mower \$50,000

Two large, 12' cut mowers are used to mow the 300+ acres of parks and public lands within the Village and are in use almost continuously from early spring through late fall. This project will replace the older of the two, purchased in 2007. This mower has developed a coolant leak that cannot be isolated or repaired.

AQUA CENTER FUND PROJECTS

- Replace Pool Pumps \$5,000

1. This continues a multiyear plan to replace the circulating pumps for the four pools and waterslide. The original pumps, installed in 1990 no longer meet the performance requirements for flow and turnover rates.

2. Replace South Fence \$6,000

The south fence is wood stockade panels and the IDPH has recently commented on its condition. This project, budgeted in 16/17 and continuing into 17/18, will replace the fence along the southern perimeter with a sturdier fence.

3. Computer System Upgrades \$2,900

This project will replace a computer in the main office and a color printer.

4. Replace Deck Chairs \$5,000

Members and guests of the Aqua Center consistently ask for new deck chairs. These are valuable commodity at the pool and the lack of inventory causes considerable frustration among patrons. This will be an ongoing item.

5. Install Dressing Partitions/ Lockers \$5,000

This is the second item patrons have been asking for. Following the Bathhouse renovation in 2010, some complaints were received regarding the lack of lockers and provision for private dressing in the facility. This item has been included in the Capital Plan previously but by passed for other priorities.

6. ADA Transition Plan Implementation \$5,000

Accessible access lift-chairs have been installed for each pool and the renovation in 2012 addressed most of the accessibility issues in the bathhouse. In January of 2015, ACT Services, Inc completed the ADA Transition Plan for Village facilities. This plan identifies some additional areas that need addressed in the pool complex. This item is an ongoing project addressing deficiencies noted in the ADA Transition Plan.

7. Pave Drive – North Mechanical Building \$5,000

Currently the access to the mechanical buildings is gravel. Paving the service drive would make access for service and deliveries easier.

TENNIS & HEALTH CLUB FUND PROJECTS

1. Virginia Graham Engineering Compliance/ Whirlpool Upgrades \$42,000

Virginia Graham legislation applies to pools and whirlpools alike and specifies the types of drain covers required to eliminate the potential of entrapment of a person due to drain pump suction. Additionally, several issues need addressed with the mechanical operation of the whirlpools to become compliant with IDPH operations code. The engineering plan is complete and submitted to IDPA for their approval. This item address the work needed to bring the whirlpools into compliance as noted by the IDPH for both health code and Virginia Graham regulations.

2. Replace Court Sweeper \$6,000

The court sweeper is a battery-operated piece of equipment used daily to sweep the tennis courts. Purchased over 15 years ago for \$250, this sweeper has proved to be the “*Energizer Bunny*” as it just keeps going and going. This item is included should the sweeper in-fact fail beyond repair.

3. ADA Plan Implementation \$5,000

In January of 2015, ACT Services, Inc. completed the ADA Transition Plan for Village facilities. This item is an ongoing project addressing deficiencies noted in the ADA Transition Plan

Facility Life Cycles - Proposed Changes to Village Parks and Outdoor Facilities

Somonauk Park status update - A concept plan has been completed for Somonauk Park. This plan includes a complete overhaul of the park and incorporates a fishing pond and tadpole pool with native emergent plants along its shore, native prairie, and over a dozen natural themed play/adventure activities. These include an interactive water feature, zip-line, climbing tree trunks, living willow hut and a giant hammock. Also, planned is a nine-hole Disk Golf Course and a multi-use path around the perimeter of the park. The next steps are to present the concept plan at a public meeting and then develop a complete site plan with cost estimates.

A cost estimate has been developed for this project and staff will begin seeking grant funding.

Murphy Park status update – Staff and members of the Recreation & Parks Advisory Board hosted a public meeting with residents in the neighborhoods surrounding Murphy Park on August 18, 2016. Though sparsely attended residents expressed a desire to see new equipment installed that included a combination of traditional and natural play elements. Staff has engaged the services of Land Resource Management Group to develop a design proposal. Plans will be reviewed through the winter and installation expected in the spring of 2017.

Shabbona Park status update – Plans are to remove this equipment in the spring of 2017. Prior to this notice will be sent to surrounding residents.

From golf to tennis and soccer to youth football and basketball, we have seen in recent years that both facilities and programs have life cycles. Some like golf and aquatics may be national trends, while others like individual playgrounds and tennis courts may be very community or neighborhood specific. As relates to the Capital Plan, this is always the opportunity to raise the issue of removing without replacement facilities at various parks that are currently under-utilized. At budget time similar decisions have to be made about program activities. The capital planning process can be a time for these decisions to be made and acknowledged publicly as changes to the system. This idea of removing and not replacing some park equipment has been discussed in the past but the need was not “immediate” and the understanding was that this would be done as equipment became unsafe or the issue became more pressing. In the opinion of R&P staff this time has come. The average age of the play equipment in Park Forest is 17 years old, the oldest being 24. Much of this equipment no longer meets safety standards and repair parts are no longer maintained in inventory by the manufacturers. The following discussion lists previously discussed, existing facilities that have been considered for removal. It also itemizes projects that have been on the Capital Plan for some time but remain unfunded. This year’s Capital Plan outlines a strategy of playground removals and renovations to fully upgrade the Village’s park system. This list itself, is not in order of importance or schedule but simply alphabetical.

One of the traditional complaints with manufactured playground equipment has been the uniformity and conformity of all designs to a few basic types of play structures leading to a sameness in the overall “play experience”. For example, play structures are designed to take the child in a circuit from a climber that attaches to an overhead apparatus, that attaches to a slide and then around again. Sales representatives actually tout the ease of “getting right back on again”. The challenge of such

Facility Life Cycles - Proposed Changes to Village Parks and Outdoor Facilities

activity is soon mastered and then becomes boring. There is little to encourage imagination or creative play and soon there are relatively few children playing. Over the last decade a “new” concept in children’s play has emerged. Fresher designs include natural elements and incorporate “natural play” into playgrounds. Playground elements might include rocks, logs, water, slopes and undulating topography. Typical play equipment is also incorporated such as swings; and slides might be built into a slope. In essence creative play and imagination is encouraged. A study begun in 2011 and released last year looked at the play habits of children at one school as their play space went from a typical to a “natural playscape”.

The study, which examined changes in physical activity levels and patterns in young children exposed to both traditional and natural playgrounds, is among the first of its kind in the United States, according to Dawn Coe, assistant professor in the Department of Kinesiology, Recreation, and Sport Studies.

“The children more than doubled the time they spent playing ... They were engaging in more aerobic and bone- and muscle-strengthening activities.”

"Natural playscapes appear to be a viable alternative to traditional playgrounds for school and community settings," Coe said. "Future studies should look at these changes long-term as well as the nature of the children's play."

Following, are images illustrating Natural Playscapes.

BEFORE



AFTER



Facility Life Cycles - Proposed Changes to Village Parks and Outdoor Facilities

BEFORE



AFTER



Facility Life Cycles - Proposed Changes to Village Parks and Outdoor Facilities

BEFORE



AFTER



Such playgrounds become destinations, which is the second trend in playground and park design that has emerged in the last decade. Unfortunately, gone is the day when a parent would let their child play out of their sight in a public playground. Destination Parks offer an attractive, exciting public space for the family to visit for a period of time. As staff looks at renovating the parks these two ideas will influence the process.

Following is an alphabetical listing of each park where action is proposed. The proposed timeline for this work is itemized in the Capital Plan.

Cedar Park

- The playground was last improved in 1990, has inadequate safety surfacing and staff is proposing that this playground be removed. Some equipment was removed in 2012 and no comments of any sort were received by any R&P staff when this was done. Transferring this park to the Cedarwood Co-op has also been proposed from time to time.
- The two tennis courts are in very poor condition and little used. Staff recommends removing them.

Facility Life Cycles - Proposed Changes to Village Parks and Outdoor Facilities

Central Park

- This playground was last improved in 2000 and is the largest park in the Village's system. In addition to the playground this park includes a double sided picnic pavilion with a kitchen on one side capable of hosting two separate picnics at the same time, washrooms, a picnic grove, three lighted tennis courts, volley ball, two lighted ballfields and two standard ballfields, a football/ soccer field, concession stand, over 1 mile of walking paths and the Central Park Wetlands. Staff proposes to further enhance this park as a destination park by completely redesigning the playground, incorporating natural play ideas. The first phase of this renovation would be to engage the services of a design firm to maximize the potential of the park.
- Installation of asphalt pads under the bleachers on each field has been on the Capital Plan for some years and not funded. Due to the need to fund more urgent projects, this item has been removed from the Capital Plan.
- A plan to add three additional tennis courts north of the existing courts has been on the park plan and Capital Plan for some time. It is clear that funding of this will not be forthcoming in the near future so it too has been removed from the plan.
- The Concession Stand in the middle of Fields A, B & C has no water or sewer service. The installation of a water line to the building for concessions and field irrigation has been on the Capital Plan for many years but not funded. It is clear this will not happen in the foreseeable future so it is removed from the plan.

Eastgate Park/ Algonquin School

- This playground was last improved in 1990. Recent mapping of the neighborhood by the Public Works Dept. has revealed that much of what is considered Eastgate Park is not on Village property but on the adjacent co-op property. The playground was actually installed in two phases several years apart. The original phase was removed in 2013 due to safety concerns. The remaining equipment, now 23 years old, while still safe is outdated and well past the typical lifespan of 15 years for play equipment. Algonquin School has its own fenced in playground behind the school and does not use the park play equipment as Illinois and Indiana schools do.

Census data shows that there are 123 children in the Eastgate neighborhood between the ages of three and twelve and in the thirteen to sixteen age group there are 52. The number in the three to twelve age group is expected to drop to 99 by 2018. Such numbers could be used as an argument to completely remove the playground but staff is loath to suggest this as there is no other public playground in the area. This being said the ongoing discussion on how the Eastgate area might change and develop in the future is very pertinent to this decision. Staff is proposing that the Eastgate playground be replaced but the implementation be delayed for at least two years pending decisions made on the future development of the neighborhood.

- Staff is exploring programming options for the basketball court. The census data is also pertinent to this discussion but staff's input is that for youth that cannot or perhaps will not travel to other areas of town where programs are offered there is a definite need for recreation programming in the Eastgate Neighborhood. To facilitate this the basketball court needs to be re-color coated and striped and benches should be removed. The electrical panel for the lights were removed some time ago due to ongoing vandalism. This will not be replaced.

Facility Life Cycles - Proposed Changes to Village Parks and Outdoor Facilities

- The ballfield at this school was installed by the Village in the early years and even used for adult softball. Most recently it was kept up for the Police PAAC Program. With the transfer of those programs to the center of town and the decline of youth demands, this field can be discontinued or transferred to SD #163.

Hope Lutheran (Celebration Ministry)

- In the 1970's and 80's when Girls Softball was at its peak the Village constructed a softball field in conjunction with Hope Lutheran Church and school. This field has not been used for some years, nor has it been taken care of by the Village. Staff recommends the backstop be taken down and it be removed from the system.

Illinois Park

- This playground was improved in 2011 with grant assistance. When renovating this park a section of the tennis court was cut out and the new play equipment installed in the open space. This gives a playground surrounded by a surface usable for hard surface games such as hopscotch and four-square. A tennis court was left in service and is used as such. This playground is used regularly by students from Illinois School. No further improvements are recommended at this time.
- The ballfield is still in use and the backstop will be replaced.

Indiana Park

- This playground was last improved in 1997. Although sixteen years old this playground is still in good shape, repair parts are still available and it is used regularly by students from Indiana School. Improvements are planned for this park but would be last on the schedule.
- The ballfield is still in use and the backstop will be replaced.

Logan Park/ Old Plank Road Trail

- This park was last renovated in 2001. The renovation included new playgrounds, ballfield backstop, adding washrooms adjacent to the trail and a small picnic pavilion just to the south of the trail; all facilities are still in good condition.
- The ballfield is one of the best in the village and previously used by PF Girls Softball and is available to other users. No further improvements are recommended at this time.

Marquette Park

- This playground installed in the '60's has been removed. New swings were installed eight years ago and are still in place. The ballfield is in good shape and was once used by PF Girls Softball. With the demise of that organization the field is no longer used. Staff proposes to remove the backstop and relocate the swing set. This site is largely landlocked and has limited development potential.

Mohawk School

- The ballfield at this SD #163 site like many, was originally installed by the Village in the 1960's. For years it was used by youth organizations, but now gets little use. SD #163 has assumed most of the mowing over the last three years and staff proposes this be turned over to the District or removed.

Facility Life Cycles - Proposed Changes to Village Parks and Outdoor Facilities

- An asphalt multi-use court was also installed at this school site at that time. It gets little use from the community and school use is not certain. Expense to remove or restore would be considerable so transfer to the School District is recommended.

Murphy Park

- This playground was last improved in 1989 and has inadequate safety surfacing. Repair parts are no longer available from the manufacturer and serious safety concerns are emerging. Given its age, safety concerns and its usage, staff recommends removal of this playground. It must be understood that this and Cedar Park are the only two public playgrounds (the co-ops have three of their own) on the east side of Western Ave and south of 26th Street. Both are recommended for removal so this is a policy decision for the Board to consider.

Onarga Park

- This playground installed in the '60's has been removed. No equipment was installed to replace it and staff recommends no new improvements.
- The ballfield is in good condition and was also used by PF Girls Softball. Though not used for softball games, because of its visibility on the corner of Orchard and Onarga, the ballfield has been maintained to a certain degree. This is a somewhat inefficient use of staff time. The backstop is in poor condition and staff recommends its removal and returning the infield to turf.
- Other uses for this park might be a more permanent location for community gardens.
- In 2010 a long-time resident of the neighborhood submitted a long and detailed proposal for this park upset that the play equipment had been removed some time earlier. The proposal was a mini-Central Park Wetlands on S. Orchard. She was encouraged to come to the Board and follow her project and it was included on the CIP the last 2 years. She did not follow up and funding for this good idea is very questionable. It has been removed from the Capital Plan.

21st Century School / SD #163 Offices (Sauk Trail School)

- The ballfield in the back was installed by the Village is in reasonable condition and was used by PF Girls Softball. The backstop is old and staff recommends removal and further recommends the area be turned over to the District.
- The Multi-Use Court in the rear of the school was also installed by the Village and is equipped for basketball. It is somewhat landlocked and gets little use. Assignment to District #163 is also recommended.

Shabbona Park

- This playground, last improved in 1991, is one of the oldest in the system and has been on the plan for replacement for some time without funding. The playground area gets minimal use at this time and staff recommends removing the playground from the system.
- The two tennis courts are little used and need considerable maintenance. The original plan for replacement of the playground was to relocate it on the tennis court site as was done at Illinois Park and combine a play area with a trike track, possibly basketball and a rest area. Due to the inability to fund higher priority projects in the park system, staff recommends removal of these courts.
- The walking paths in Shabbona Park are in fair condition and will continue to be maintained.

Facility Life Cycles - Proposed Changes to Village Parks and Outdoor Facilities

Somonauk Park

- This park is the second largest in the Village, has a large picnic pavilion with attached washrooms, two playground areas, a picnic grove, basketball, in-line skating, volley ball and several acres of open space for soccer fields and other play.
- The West Playground is the smaller of the two playgrounds and is designed for younger children. This playground was last renovated in 1995 and there is a vintage swing set from the 1960's. Staff recommends that as this playground becomes obsolete it be removed from the system.
- The larger, East Playground was renovated in 1992 and also has the vintage swing sets. These are scheduled for replacement in the current fiscal year. If Shabbona Park playground is removed this will be the only park south of Sauk Trail. Staff recommends that Somonauk Park be upgraded as the second Destination Park. Redevelopment of the East Playground would include elements of natural play discussed earlier and incorporate play areas for younger children now incorporated in the West Playground.
- The picnic pavilion used regularly through the summer by large groups, was built in 1976 and is now 38 years old. The wood beams on the large "A-frame" structure began showing signs of rotting at the base in the late '80's. The rotted wood was cut out and a metal socket was designed and fitted into place to support the structure. The dry rot has continued and now extends beyond the metal supports and 4 X 6 headers on the roof are also showing serious dry rot. The entire structure needs re-roofing. The concrete slab on the east side of the structure has cracked and shows several inches of displacement creating a severe tripping hazard. A major re-engineering and reconstruction had been proposed as an alternative to demo and replacement but this no longer seems a viable alternative. Staff recommends that a new, somewhat smaller pavilion with washrooms be built.

Winnebago Park

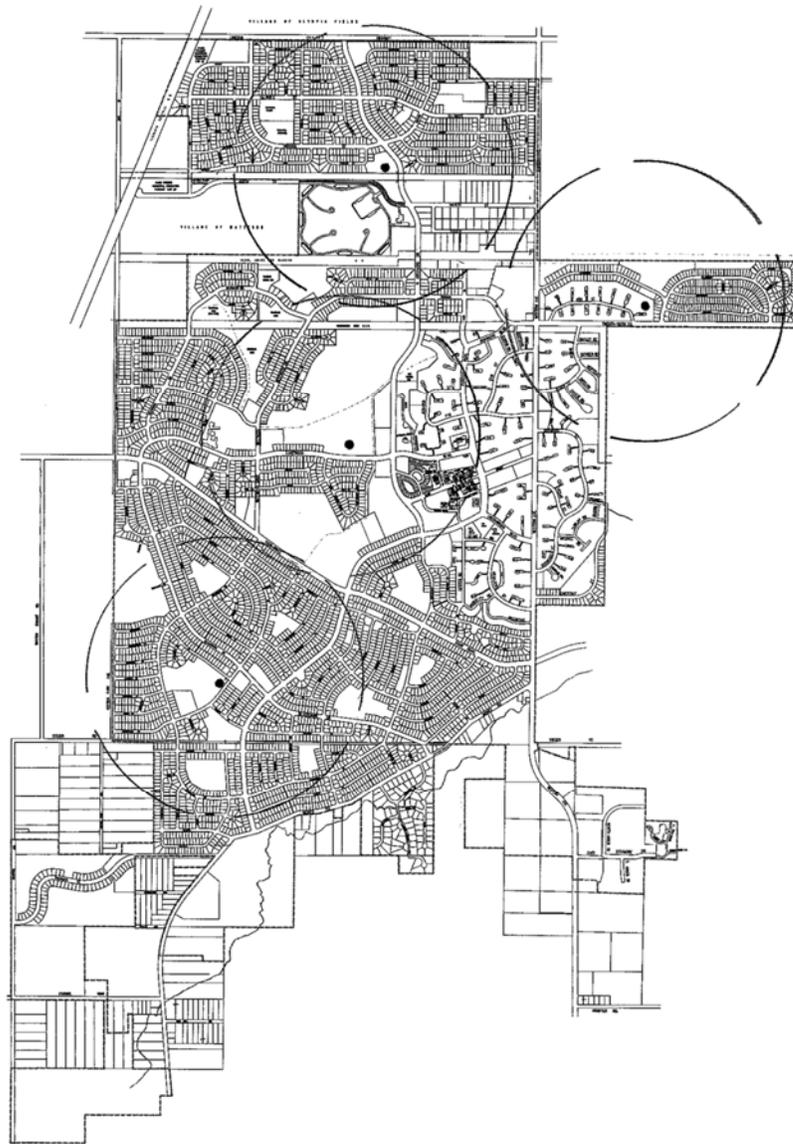
- This playground was last improved in 1996. Due to the landlocked nature of the site, vandalism and low usage staff recommends removal of the play equipment.
- The greatest feature of this park is the nearly one mile of walking paths. These will be maintained.

In summary, of the 13 playgrounds within the Recreation & Parks system, staff is proposing the removal or decommissioning of seven playgrounds. Two of these are essentially decommissioned already. Six playgrounds would be renovated to current standards, incorporating the best practices in playground design, promoting creativity, imagination and active play. Staff further recommends the removal of four of the eight tennis courts (thirteen if Rich East Courts are included) and removing four of the 14 ballfields within the Village. Walks and open space would be maintained in all of the parks. In a very real way it is sad to recommend the removal of so many playgrounds in light of all the emphasis being placed on encouraging movement, activity and healthy lifestyle choices. All statistics argue for an increase in the number and types of play opportunities for today's youth. This proposal also leaves the residents south of Sauk Trail with only one playground, albeit a larger one.

Through the foresight and understanding of those who designed and built Park Forest, its residents are blessed with an abundance of open land. Excluding Thorn Creek Woods and the Forest Preserve but including schools and open, undeveloped land there is almost 16 acres of public land per capita

Facility Life Cycles - Proposed Changes to Village Parks and Outdoor Facilities

available for recreation. The original layout of parks and schools put almost every residence in the Village within ½ mile of a playground without crossing a major thoroughfare. This is the standard used today to determine where playgrounds are needed. Using this standard to judge the recommendations cited above, all of the Eastgate neighborhood and everything north of the Old Plank Road Trail meets this criteria. Areas beyond ½ mile from a playground include, the “W” streets west of Forest Trail and the triangular area bounded by South Orchard, Monee Road and Sauk Trail. Most of the multi-family/ Co-op areas have small playgrounds incorporated into their own properties. Larger cities across the country average 22.23 playgrounds per 100,000 in population. At the risk of seeming to make light of things, with the six playgrounds recommended to remain, Park Forest is still ahead of this average. The map below illustrates the four major areas of coverage.



Facility Life Cycles - Proposed Changes to Village Parks and Outdoor Facilities

As mentioned earlier, a trend that emerged about 10 years ago are destination parks, attracting people from across the community. These recommendations incorporate this trend and recognize the fact that fewer young children than ever are allowed to go “play at the park” by themselves. These recommendations also include the latest and best practices in playground design and look to encourage activity, socializing, creativity and imagination in young children and to reconnect them with the natural environment. Each an important part of being a well-rounded, participating member of society.

The reality of these recommendations is that there are more than the minimum number of playgrounds deemed necessary in Park Forest and the Village has had difficulty in the past maintaining a timely replacement schedule. These recommendations leave the south end of the Village with a minimal number of playgrounds but, in staff’s opinion this is the prudent direction to take at this time. It is important to remember that all of the park land will still be municipally owned and at any time playgrounds or other facilities can be re-installed should the public begin to ask for these amenities. It is left to the Board’s discretion as to the actual implementation of these recommendations as policy.

BUILDINGS GROUNDS FIVE YEAR CAPITAL PLAN

	<u>2017/2018</u>	<u>2018/2019</u>	<u>2019/2020</u>	<u>2020/2021</u>	<u>2021/2022</u>
	<u>Priority ()</u>				
<u>General Fund - Village</u>					
Emergency Purchases / Repairs / Replacements	10,000	(1) 10,000	10,000	10,000	10,000
Village Hall - Interior Public Space Upgrades	15,000	(2) 10,000	10,000	-	-
Village Hall - Tuck-pointing South Side <small>(encumber 7,000 from 2016)</small>	8,000	(3) -	-	-	-
Re-landscape East Side Village Hall	10,000	(4) -	-	-	-
Replace Ice Maker - Parks Garage	5,000	(5) -	-	-	-
Police Station - Replace Galvanized Plumbing	5,000	(6) -	-	-	-
Police Station - Replace HVAC Dispatch Area	10,000	(7) -	-	-	-
Police Station - Remodel Commanders Washroom	5,000	(8) -	-	-	-
Municipal Garage - Tuck-pointing	10,000	(9) -	-	-	-
New Sign / Landscaping - Municipal Garage	5,000	(10) -	-	-	-
Pour Concrete Slab - Parks Storage Shed	18,000	(11) -	-	-	-
Police Station - Remodel Washroom	-	5,000	-	-	-
Municipal Garage - Roof Reconditioning ⁽¹⁾	-	30,000	-	-	-
Village Hall - Roof Reconditioning ⁽¹⁾	-	25,000	-	-	-
Village Hall - Replace upper level windows	-	40,000	-	-	-
Village Hall - Replace HVAC Trane unit	-	10,000	-	-	-
Village Hall - Install back-up storm sump	-	10,000	-	-	-
Police Station - Parking Lot Striping/ Seal Coat	-	5,000	-	-	-
Police Station - Roof Reconditioning Staff Locker Room ⁽¹⁾	-	12,500	-	-	-
Police Station - Replace South Wing Windows	-	4,000	13,000	22,000	27,000
Police Station - Replace HVAC/ various	-	5,000	5,000	5,000	5,000
Village Hall - Interior Office Space Upgrades	-	-	15,000	15,000	15,000
Resurface Maintenance Yard	-	-	125,000	-	-
Police Station - Replace HVAC lobby/ reporting	-	-	20,000	-	-
Village Hall - Replace lower level windows	-	-	-	75,000	-
Police Station - Replace Hanging Units/ Gym	-	-	-	7,000	-
Police Station - Replace HVAC administration	-	-	-	-	15,000
Fire Station - Replace/ Upgrade HVAC	-	-	-	-	250,000
Village Hall - Elevator Repairs	-	-	-	-	100,000
	101,000	166,500	198,000	134,000	422,000

⁽¹⁾ A Sustainable Project

⁽²⁾ Included in New ADA Compliant Entrance

⁽³⁾ Employee Health Safety

BUILDINGS GROUNDS FIVE YEAR CAPITAL PLAN

	<u>2017/2018</u>	<u>2018/2019</u>	<u>2019/2020</u>	<u>2020/2021</u>	<u>2021/2022</u>
	Priority ()				
<u>General Fund - Library</u>					
Replace 80' walk/ north side/ ADA compliance	10,000	(1) -	-	-	-
HVAC Replacement - Children's Wing	22,000	(2) -	-	-	-
Roof Reconditioning ⁽¹⁾	-	40,000	-	-	-
HVAC Replacement - N/E Wing	-	-	25,000	-	-
HVAC Replacement - N/W Wing	-	-	-	25,000	-
HVAC Replacement - Patron Services	-	-	-	-	15,000
	32,000	40,000	25,000	25,000	15,000
<u>General Fund - Rec Center</u>					
Misc. Maintenance and Equipment Upgrades	10,000	(1) 10,000	10,000	10,000	10,000
Video Security	5,000	(2) -	-	-	-
New ADA Compliant Entrance -Upper & Lower level	175,000	(3) -	-	-	-
Interior Use Space Planner	20,000	(4) -	-	-	-
ADA Ramp System - LL/NE Door ⁽²⁾ (Included in \$175,000)	30,000	(5) -	-	-	-
Boiler	-	20,000	-	-	-
HVAC - Gym Stand Alone System	-	80,000	-	-	-
HVAC - Lower Level Stand Alone System	-	-	40,000	-	-
Implementation of Space Plan	-	25,000	15,000	10,000	-
Roof Reconditioning ⁽¹⁾	-	20,000	-	-	-
Computer Upgrades	-	-	2,000	-	-
Marquee Signs	-	-	30,000	-	-
	240,000	155,000	97,000	20,000	10,000
TOTAL	<u>373,000</u>	<u>361,500</u>	<u>320,000</u>	<u>179,000</u>	<u>447,000</u>

⁽¹⁾ A Sustainable Project

⁽²⁾ Included in New ADA Compliant Entrance

⁽³⁾ Employee Health Safety

**BUILDING & GROUNDS
CAPITAL IMPROVEMENT PLAN
2017/2018**

GENERAL FUND PROJECTS – VILLAGE

1. Emergency Purchases / Repairs / Replacements \$10,000

Experience has shown that with the age of the Village’s infrastructure, failures and breakdowns can happen at any time. Over the years, unplanned repairs and replacements have included HVAC systems, roofs and other structural elements. Allowing for these situations in advance will lessen the burden on the budget.

2. Village Hall – Interior Public Space Upgrades \$15,000

Municipal operations moved to the present location in 1994. This project continues work begun in 2014 when staff from Recreation & Parks and the Director of Communications engaged the services of Tria Architecture to develop interior space upgrades for the Village Hall. First year projects included upgrades to the Board Room. Projects planned for additional phases include replacing the “temporary” signs at each departmental service window, reworking department service windows to be ADA compliant and updating the flooring and wallcoverings. Plans also include modernizing the information kiosk and incorporating electronic media to share information with residents. Additionally, there will be displays highlighting village activities, departments and new artwork.

3. Village Hall – Tuck-pointing South Side \$8,000

The south wall of the Village Hall needs some routine maintenance. Loose and deteriorated mortar joints on the south exposure need tuck-pointed and a window awning on the second floor needs reattached. Loose mortar allows moisture to enter the building further exacerbating the problem. Tuck-pointing would remove all deteriorated mortar joints and add new, sound mortar to the brick façade. This work was budgeted in FY 2017 but was not sufficient to complete the project.

4. Re-landscape East Side Village Hall \$10,000

In 2015, large sections of this garden were disturbed when the connections between the roof drains and the storm drains needed repaired. As this is one of the main approaches to the Village Green and events held there, plans are to establish a *Community Herb Garden* with paths to walk through and a few picnic table for residents or employees to have lunch.

5. Replace Icemaker – Parks Garage \$5,000

This icemaker, moved to the Parks Garage in 2007 when Hidden Meadows closed, has proven to be a valuable support to employee safety during the hot summer months. Additionally, there is always a ready supply of ice for Village events. The mechanical parts need replaced but the original ice storage box is reusable.

6. Police Station – Replace Galvanized Plumbing \$5,000

Recent renovations by the Police Department have brought to light galvanized plumbing original to the building. These service lines are fragile and subject to failure. Staff began replacing old galvanized sections with copper in 2014/2015 and additional sections need replaced.

7. Police Station – Replace HVAC Dispatch Area \$10,000

Replacing aged HVAC units has been Village practice for some time now. This avoids the problems and emergencies associated with catastrophic failures. This unit is now 16 years old.

8. Police Station - Remodel Commanders Washroom \$5,000

The Commanders Washroom is original to the building construction and needs upgraded.

9. Municipal Garage – Tuck-pointing 10,000

As with the Village Hall, loose and deteriorated mortar joints in several locations need tuck-pointed. Unlike Village Hall, these walls are not a façade but are block construction. Loose mortar can compromise the structural integrity of the building. Tuck-pointing would remove all deteriorated mortar joints and add new, sound mortar to the block walls.

10. New Sign & Landscaping – Municipal Garage \$5,000

This project has also been in the Capital Plan for some time. The intent is to enhance the entrance to the Municipal Garage with some landscaping and signage.

11. Concrete Floor – Parks Storage Shed \$18,000

This project has been in the Capital Plan for several years and would fulfill the Village requirement that all garages must have a floor.

GENERAL FUND PROJECTS - LIBRARY

1. Replace 80 feet of sidewalk – Library \$10,000

The sidewalk along the north exposure of the Library (southern edge of the parking lot) is designated Accessible Parking. There are four accessible parking spaces, each with a ramp cut into the curb. These do not meet ADA Accessibility Guidelines and have become hazardous with innumerable cracks and missing sections of concrete. The sidewalk itself has also deteriorated. This project would remove the existing section of sidewalk and replace with ADA compliant sidewalk.

2. HVAC Replacement – Children’s Wing \$22,000

This HVAC unit, put into service in 1997, was the only one in service during much of the remodel work over the last few years and subject to dusty conditions. This extra load is very taxing on HVAC equipment.

GENERAL FUND PROJECTS – Recreation Center

Aside from four classrooms, School District #163 has ceased to use the Recreation Center in any way. This offers the potential to program the facility during school hours as well as evenings and weekends and is another rentable space for parties and other events. To take full advantage of this opportunity will require some changes to the floor plan of the lower level, improving the kitchen area and the construction of partition walls to isolate the Rec Center from the school. It also means that there is no “front door” to the facility or any accessible entrances. This change also has significant implications for the Village as all maintenance and capital projects are now the Village’s sole responsibility. The Capital Plan now accounts for this. Including the need for a new, accessible entrance and engaging a Space Planner to assist in planning for the most efficient use of interior space to meet Village needs.

1. Recreation Center – Misc. Equipment Replacements and Upgrades \$10,000

Annually miscellaneous equipment needs replaced such as pool tables, air hockey and the arcade games used for various youth programs. This project addresses the need to upgrade the types of gaming equipment making them more relevant to today’s youth. This item also incorporates two other budget lines from this section of the Capital Plan, *Furnishings and Equipment for Teen Zone* and *Transitional Interior Upgrades*. Combining these three gives flexibility to meet the evolving plans for the facility and reduces overall impact on the budget. This would continue to be an ongoing item to manage replacement needs.

2. Video Security \$5,000

This project will allow staff to monitor multiple areas of the facility from one location as well as see who might want to enter. This is of particular importance during Teen Zone activities when there could be over 120 teens in the facility at one time.

3. Recreation Center – ADA Compliant Entrance/ Upper & Lower Level \$175,000

As mentioned above, the Village will have no convenient, accessible entrance to the Recreation Center, nor a distinct identity for the facility. This project proposes to build a distinct, accessible entrance on the northeast corner that also identifies the facility as a Village Recreation Center. Should this project be funded, item five below, would become part of this project and not a separate item.

4. Interior Use Space Planner \$20,000

Staff has many ideas on ways to use the Rec Center in the future to serve the recreational needs of the Village. This project proposes to hire a space planner to guide staff on how best to accomplish these plans and modernize this space.

5. ADA Ramp System- LL/NE Door \$30,000

While the Recreation Center will be available for use during school hours, the Village will not have access through the school entrance on Wilson Street. The available entrances will be to the northeast lower level and directly into the gym from the east side. Neither of these entrances is accessible. This project will replace the existing exterior stairs to the lower level and add a ramp to the upper landing, making both compliant with ADA accessibility guidelines. This would be part of the overall \$175,000 ADA project.

Park System Evaluation 2008/2013 Update - Facilities

(Comments Updated 12/2016)

The Park & Recreation Plan was originally developed in January of 1999 and was updated in 2000, 2002, 2008, 2010, 2011 and 2013. The **Park Forest Recreation & Parks Staff** continues to evaluate all of the parks on a regular basis for the purpose of updating the condition of various facilities, grounds and equipment. This information is used to update the Recreation & Parks Department's Capital Improvements Plan.

Status update – the Recreation & Parks Advisory Board is conducting a comprehensive update of the Recreation & Parks Plan. R&P Board members have visited each park and facility, made observations as to use, condition and potential for future use. The focus now is to evaluate and discuss these observations with the goal of an updated Recreation & Parks Plan.

Building & Grounds

- Village Hall: Municipal offices were moved from the “old Village Hall” to the present building in 1994. In 2010 and 2011 all interior spaces were repainted. Carpeting in the building also dates from the original move and a routine replacement program needs to begin. Public spaces in the Village Hall need to be updated.
 - *This project has begun with painting and carpeting in the Board Room as well as the Village’s logo to the wall behind the dais. Further plans include signage for each department, digital information kiosks for residents and new flooring. Work on this phase is expected to begin in 2017.*
 - *Carpet in the office spaces also needs replaced. Some offices spaces need reconfigured and original partitions replaced to accommodate personnel changes and work flow. Additionally, the look of these spaces needs updated to coordinate with the work being done in the public spaces.*
- Flooding along the lower level east wall continues to be a problem. Gutter and downspout drainage lines may have been disrupted in the original construction of the Village Green. These need to be reconnected to the storm drains.
 - *This was completed in the fall of 2014.*
- With the help of grants from DECO and ICE, interior lighting at Village Hall, Police/ La Rabida, Freedom Hall and the Tennis & Health Club has been upgraded.
- Public Safety Building: Remodeling of the Police Station this past year brought to light some original galvanized service lines and plumbing that need replaced. Some of this is insulated with asbestos pipe insulation.
 - *This project has been completed.*
- Park Forest Fire Station: The New Fire Station is now 6 years old. Since its completion the building has been plagued with roof leaks and HVAC issues. The roof problems seem to be solved for the most part but the HVAC problems persist. The system needs to be re-engineered to solve these issues.

- *Staff has consulted with a mechanical engineer on the HVAC issues at the Fire Station. They presented a solution with a price tag of \$245,000. Staff is continuing to explore options.*
- *In January of 2015 an ADA Transition Plan was complete for the Village. This plan outlines deficiencies in meeting accessibility requirements. The plan will be implemented as improvements are made to Village facilities.*

Aqua Center

- All of the wood decking originally installed with the 1990 renovation has been replaced. Sections of cement pool decking have also been replaced to comply with Illinois Department of Health requirements.
 - *Wood fencing needs to be replaced along the south perimeter with chain link as the wood panels are subject to vandalism. This has been noted in recent inspections by the IDPH. This project is included in the Capital Plan.*
- Pool Pumps – Major mechanical equipment was replaced at the pool in 1989 and 1990. Two new mechanical buildings were constructed at that time and new pumps and filtration equipment installed for all pools (new and the old). The system consists of five major pumps. All of these pumps are now 20 years old and a replacement program should be undertaken. The priority order should be West Pool, East Pool, Zero Pool #1, Zero Pool #2 and Water Slide.
 - *One pump has been replaced with an alternative, less expensive pump and staff took one season to evaluate its performance. This pump proved to be unsatisfactory and the project will now proceed as planned.*
- The “new” Zero Depth Pool was 23 years old with the opening of the 2013 season. Recent problems with the paint chipping in this and the other pools have been addressed by mechanically grinding the pool bottom.
 - *This seems to have addressed the problem as there have been no significant problems through the 2014 and 2015 season in any of the pools. The west pool still has problems with severe spalling of the cement. The plan to routinely chip out and replace sections continues.*
- The 110 foot long water slide is also 23 years old. The sliding surface has been resurfaced with a new gel coat and the support structure repainted.
- Lack of lockers and private dressing stalls in locker rooms continue to be a concern of patrons. It was believed that the new “family change” facilities would suffice for private changing, but this did not dissuade some customer complaints. Complaints persist and adding these amenities should be considered.
 - *This continues to be consistent complaint and installation of these amenities have been included in the Capital Plan.*
 - *Deteriorated deck chairs has also been a common patron complaint. Staff has initiated a plan to replace a number of chairs each season to maintain an inventory of good chairs.*
 - *Lift chairs have been installed at each pool to meet ADA compliance requirements.*

Tennis & Health Club

- Exercise equipment needs to be updated on a regular basis. There are 12 individual pieces of exercise equipment, plus the four station Universal Equipment. One or two items usually need to be replaced annually.
 - *All new equipment and flooring was installed during the summer of 2016. About half of the cost for this project came from donations from club members.*
 - *Approved plans to bring the whirlpools into compliance have been received and the work is included in the Capital Plan.*
- We still have a proposal to retrofit the court lighting system which would have the effect of considerable energy savings at the Club.
- The electrical panel box serving the entire building also dates from 1974. Equipment is old and rusted and since that time the distribution of needs in the building has changed. The panel box should be re-engineered and replaced.
 - *This project has been completed*
 - *In 2015 the lobby roof was replaced and routine repairs were made to the gutters and downspouts.*
 - *Exterior lighting is being replaced as individual units go out*
- Courts have been resurfaced and interior spaces painted.
- With the help of two grants from DECO and ICE interior lighting (aside from the courts) has been upgraded.

Freedom Hall

- Handicap access to the 2nd floor continues to be a challenge for staff and patrons. The present arrangement for patrons to use the ramp adjacent to the building makes access to the 2nd story prohibitive during the winter when there is snow or ice on the sidewalk and the deterioration of the ramp surface makes it difficult year around. It remains a significant problem with no easy solution.
- The lobby has been updated with a new paint scheme and mural honoring the military service of Park Forest residents.
- Carpeting in the upstairs meeting rooms and the first floor lounge is in need of replacement.
- The lobby floor, original to the facility has been a consistent maintenance issue for staff as its textured surface is difficult to clean when de-icing salts are tracked in and it does not take a finish well. This type of flooring was originally intended for industrial use and not as a finished/ polished lobby floor. This should be considered for replacement.
- Reception area furniture and carpet, installed in 2001 needs replaced
 - *This is included in the Capital Plan*
 - *Stage curtains were replaced in 2016 as well as a three year project to replace the HVAC units.*

System Wide

- In 2012, production of the common T12 fluorescent lamp and associated ballasts began to be phased out. Staff's original plan was to upgrade to T8 lighting over the next several years. Grants from the Department of Commerce and Economic Opportunity (DCEO) and Illinois Clean Energy Initiative (ICE) allowed this project to be substantially completed in 2013.
 - *The Village also received DCEO and ICE grants to replace the thermostats with state of the art technology, allowing remote monitoring and control of the HVAC systems for Village Hall, the Park Forest Library, Freedom Hall and the Fire Station. The grant expired before the Police Station could be added. Staff expects another round of grants will be announced and the Police Department can be done as well.*
- In September of 2010, the Department of Justice published the most recent edition of the "ADA Standards for Accessible Design." These revised standards apply to State and Local Government Public Accommodations among other establishments. The standards will apply to all new construction begun on or after March 15, 2012. For existing public facilities, it requires a detail evaluation of "current services, facilities, policies and practices" and publication of a Transition Plan. This plan will itemize current deficiencies, describe in some detail the methods to address them and specify a schedule. Not all deficiencies have to be addressed immediately, but the Village must have a plan and have it available for public inspection. We are currently preparing to conduct such a survey utilizing staff and hopefully interested volunteers. Plans should then be developed to address the most serious issues over time. It is anticipated that the most problematic facilities will be the Tennis & Health Club, the Recreation Center and Freedom Hall although all other structures will likely have deficiencies.
 - *This plan has been completed by ACT Services Inc. and presented to Village staff in January of 2015.*

POLICE DEPARTMENT FIVE YEAR CAPITAL PLAN

	<u>2017/2018</u>		<u>2018/2019</u>		<u>2019/2020</u>		<u>2020/2021</u>		<u>2021/2022</u>	
	Priority ()		Priority ()		Priority ()		Priority ()		Priority ()	
<u>General Fund</u>										
Copy Machine		10,000	(2)	-		-		-		-
Computer System Upgrades/Printers *	(1)	15,100	(1)	12,000	(1)	9,500	(1)	10,700	(1)	8,200
In-Car Video Recording Camera System *	(1)	-		-		-		0		10,000
Officer Body Camera System (18ea.) *		-		36,000	(1)	-		-		5,000
Firearms and Weapons Replacement		-		5,000		-		5,000		-
Office Furniture Replacement		-		-		10,000		-		-
Remodleing & Reovations of Building		-		10,000		-		-		10,000
Duty Uniform & Equipment Upgrades		-		-		5,000		-		5,000
Station Video Surveillane System Upgrades		-		-		-		8,000		-
Lower Level Renovation and Remodel		10,000		-		-		-		-
Carpeting for the Courtroom		9,000		-		-		-		-
Secure Detention Area Renovation	(2)	-		-		-		0		-
		44,100		63,000		24,500		23,700		38,200
<u>Vehicle Services Fund</u>										
Replace Three Police Vehicles	(1)	102,000	(1)	102,000	(1)	102,000	(1)	102,000	(1)	102,000
Specialty Fleet Vehicle		-		-		32,000		-		-
Multipurpose 12 Passenger Transport Van		-		-		-		-		-
		102,000		102,000		134,000		102,000		102,000
TOTAL		146,100		165,000		158,500		125,700		140,200

* Technology Upgrades

**POLICE DEPARTMENT
CAPITAL IMPROVEMENT PLAN
2017/2018 PROJECTS**

GENERAL FUND PROJECTS

1. Computer System Upgrades \$25,100

This is part of the ongoing replacement and upgrade of the computer system at various facilities. Computer upgrades include computer replacements and enhancements as follows:

Computer Replacements (4)	\$10,100
Printer (1)	\$2,500
Document Scanner (1)	\$2,500
Copy Machine (1)	\$10,000

2. Lower Level Building Renovation \$10,000

The lower level basement area of the Police Department has been virtual untouched since the Fire Department has moved into their new facility. The 60 year old space which also houses the Police Department firearms range is in need of repairs, upgrades and maintenance. The firearms range needs to be serviced by a professional specialty company to clean and remove potential contaminates from the building and repair the range curtains that prevent bullet fragment splash back. Due to some electrical problems that the Recreation and Parks Department is currently working on the lower level has seen some water backups due to power outages to the sump pumps. We are beginning to see early signs of mold on the doors, walls and ceilings which needs to be remediated promptly to prevent long term damage.

3. Carpeting replacement in Courtroom \$9,000

The Police Department's Municipal Courtroom serves as a judicial courtroom for public municipal hearings pertaining to ordinance violations arising from the Police Department and Building Department. The courtroom also serves as a state courtroom for the "outcall" of the 6th Municipal Branch of the Markham Court House which hears traffic charges brought forth by Park Forest Police. On average some type of official court is held six times a month in the courtroom. The courtroom is also used as a warming and cooling center for the public as well as a training room for the Police Department and a meeting room for public organizations. The carpeting is showing signs of unrepairable wear and visible stains that could not be removed with professional cleaning. The carpet in the courtroom is well over ten years old and is need of replacement. The Police Department is seeking funds to remove the carpeting from the courtroom and to have a new industrial quality carpeting product professional installed.

VEHICLE SERVICES FUND PROJECTS

1. Replace Three Police Vehicles \$102,000

The Police Department has developed a replacement program that reduces maintenance costs while continuing to provide a safe, dependable fleet of vehicles, which is necessary for emergency situations and normal services.

This expenditure involves the replacement of three (3) police vehicles at a cost estimate of \$34,000 each. This cost includes the purchase of the vehicle, the expense to strip down the older police vehicle and install that equipment into the new police vehicle. The program to gradually replace old worn out and outdated police fleet vehicles has kept the budget price fairly consistent per police vehicle over the last several years as we replaced police vehicles, not after market equipment. We will need to continue to buy new equipment for the new Ford Interceptor SUV police vehicles due to Ford no longer making the Crown Victoria Police Interceptor. Much of the current equipment will not fit the new style SUV police vehicles.

The goal is to have these police vehicles utilized and to remain in service for at least five years and, in most cases, seven. The oldest of current vehicles will be at least seven years old this fiscal year. Those decommissioned vehicles will first be offered to other departments and then sent to auction if not needed. The Police Department will continue to purchase the police vehicles at the State of Illinois bid price.

FIRE DEPARTMENT FIVE YEAR CAPITAL PLAN

	<u>2017/2018</u>	<u>2018/2019</u>	<u>2019/2020</u>	<u>2020/2021</u>	<u>2021/2022</u>
	Priority ()	Priority ()	Priority ()	Priority ()	Priority ()
<u>General Fund</u>					
Pagers/Radios	8,500 (1)	9,000	9,500	10,000	10,500
Protective Clothing	15,050 (2)	15,802	164,272	17,422	18,293
Fire Station Maintenance	6,500 (3)	7,000	7,500	8,000	8,500
Fire Station Furnishings	6,000 (4)	6,500	6,500	7,000	7,000
Training Site Maintenance/Upgrades	15,000 (5)	-	-	20,000	-
Fire Hose	7,500 (6)	-	8,000	-	8,500
EMS Equipment	5,000 (7)	-	-	-	5,000
SCBA - Compress/Fill Station	60,000 (8)	-	-	-	-
Computer System Upgrades	16,800 (9)	19,700	21,800	23,700	26,500
SCBA Air Bottles	-	-	-	-	6,492
Copy Machine Replacement	-	10,000	-	-	-
Firefighting Equipment	-	5,000	-	6,500	-
Hazardous Materials Equipment	-	5,000	-	7,500	-
Test/Replace Ladders	-	5,000	-	5,000	-
Power Cot/Stair Chair Replacement	-	-	-	50,000	-
	<u>140,350</u>	<u>83,002</u>	<u>217,572</u>	<u>155,122</u>	<u>90,785</u>
<u>Vehicle Services Fund</u>					
Replace Engine 56 (Rescue/Pumper)	-	-	-	-	-
Replace UTV (Unit 53)	-	-	-	45,000	-
Replace Ambulance 61	275,000	-	-	-	-
Replace Car 73 - F250 Pick Up	-	-	55,000	-	-
	<u>275,000</u>	<u>-</u>	<u>55,000</u>	<u>45,000</u>	<u>-</u>
TOTAL	<u>415,350</u>	<u>83,002</u>	<u>272,572</u>	<u>200,122</u>	<u>90,785</u>

**FIRE DEPARTMENT
CAPITAL IMPROVEMENT PLAN
2017/2018 PROJECTS**

GENERAL FUND PROJECTS

1. Pagers/Radios \$8,500

With the advent of narrow-banding and other digital aspects of radio communication systems, our older portable radios have reduced reliability. This program proposes replacing two (2) portable radios with the new Motorola digital models; unfortunately, each unit costs \$3,500 or more. The goal would be to continue replacing units slowly while we seek out grant funding for a more global replacement. At the current time, we have replaced roughly 2/3 of our radio inventory; however we still have 10 units in need of replacement.

2. Protective Clothing \$15,050

Bunker gear, like most protective clothing, has a finite life-span before the protective qualities of the gear are significantly diminished. For structural firefighting gear this life-span is roughly 10 years. The majority of our current structural firefighting gear was purchased through a grant obtained in 2002. As a result, a large amount of the gear will be five years beyond the end of the lifecycle at the same time. In an attempt to minimize the financial impact to the Village we are recommending continuation of the replacement program established which envisions replacing 4 sets of structural firefighting gear every year at a current unit cost of \$3,763 dollars per set, or a total commitment of \$15,050 this budget year.

3. Fire Station Maintenance \$ 6,500

This project looks to renovate one of the spaces in the fire station by repainting, changing flooring, replacing fixtures as needed and generally keeping the 10+ year old spaces of the fire station presentable and functional. This year's target is the training room, one of the most heavily used spaces in the fire station. This space is utilized daily for activities such as training and meetings. This project envisions replacing the carpet, upgrading the lighting and improving storage.

4. Fire Station Furnishings \$ 6,000

As the fire station reaches into its second decade of operation many of the original furnishings are beginning to show their age and breakdown. This project would continue to look at the furnishings from desks to exercise equipment and replace that which is most critically in need of replacement. The goal is to approach one room per year and rework/repair/replace items as needed to prepare the space for the next 10 years.

5. Training Site Maintenance/Upgrades \$15,000

The Fire Department Training Site was dedicated in 1963. For nearly 54 years the site has been used to train firefighters on lifesaving skills they would otherwise have to obtain through outside training. Due to the age of the site and the nature of firefighting training, the site is subjected to wear and tear over and above that of a normal building. This project is designed to allow us to continue maintenance designed to extend the life of the site and all its props. This year, the project would concentrate on structural elements of the building itself.

6. Fire Hose \$ 7,500

This is an ongoing project within the Fire Department to replace worn out, damaged, leaking or aging fire hose. The life expectancy of fire hose varies depending on the type, use and construction of the hose in question. This funding will allow for the replacement of about 1/5 of the department's compliment of fire hose. The overall goal is to maintain fire hose on approximately a 10-year cycle.

7. EMS Equipment \$5,000

This project would replace certain non-consumable items within the EMS supply list such as portable suction machines, interosseous drill kits and similar items. These items, though having consumable parts, are generally in need of replacement due to wear and tear on the sustained equipment such as power units. Typically a suction unit is approximately \$1,200 to replace and a drill kit \$1,000. These items are moved from vehicle to vehicle when suitable, but as they continue to be used the lifecycle of the equipment can only be extended so long. With the planned replacement of one of the department's ambulances, certain equipment will need to be upgraded and or replaced.

8. SCBA – Compressor/Fill Station \$60,000

The SCBA compressor/fill station is a vital piece of equipment that supplies compressed breathing air. Our current compressor/fill station was purchased through a grant obtained in 1990's and is now over 20 years of age. As with any mechanical equipment, a good preventative maintenance program can extend the life of a compressor; however, our compressor is now 20+ years old and starting to require more maintenance. The fire department is actively pursuing grant funding opportunities for this project; however, failing the awarding of a grant the department will have to move forward with this project.

9. Computer System Upgrades \$16,800

As part of the Village's and the Fire Department's ongoing computer replacement program, this funding would allow the department to replace computers used in fire department office spaces. It also envisions the replacement of Mobile Data devices as part of our replacement strategy for the Department's mobile units and electronic patient care entry devices.

Mobile Data Terminals	\$13,000
Computer Replacement (2)	<u>\$ 3,800</u>
	\$16,800

VEHICLE SERVICES FUND PROJECTS

1. Replace Ambulance 61 \$275,000

This project calls for the replacement of the Fire Department's oldest Mobile Intensive Care Unit with a new unit of similar construction and capabilities. This unit will be fifteen years old at the time of replacement and will have seen extensive service in delivering patient care and transportation to the citizens of Park Forest. This replacement is in keeping with the Fire Department's vehicle replacement schedule (included in the vehicle services fund) which is designed to meet Department and industry standards for vehicle service lives and serviceability. Ambulance 61 is inspected annually for compliance with various standards as established by the Illinois Department of Public Health and the South Cook County Emergency Medical Services System, and timely replacement of this vehicle will help avert down time created by compliance with these inspections or significant maintenance/repair activities.

Given the excellent condition of the retiring vehicle (Ambulance 65), and the limited market value for an ambulance of this age, Ambulance 65 will be reviewed by the Fire Chiefs making up the reserve ambulance cooperative (Matteson, Park Forest, Richton Park, South Chicago Heights, Steger Estates and University Park) to determine whether it will replace the reserve Ambulance currently in use.

In addition, this project will replace the department's oldest monitor/defibrillator. The current monitor/defibrillator, a LifePak 12, is being phased out by the manufacturer and will be obsolete in the near future. This monitor will be replaced with a LifePak 15. This will also standardize all monitor/defibrillators used by the Park Forest Fire Department.

DOWNTOWN PARK FOREST FIVE YEAR CAPITAL PLAN

	<u>2017/2018</u> Priority ()		<u>2018/2019</u> Priority ()		<u>2019/2020</u> Priority ()		<u>2020/2021</u> Priority ()		<u>2021/2022</u> Priority ()
<u>Downtown Park Forest Fund - Village</u>									
Tenant Build Out	90,000	(1)	90,000		90,000		90,000		90,000
Tenant Signs (Matching Grant Program)	5,000	(2)	5,000		5,000		5,000		5,000
Recognition Plaques	2,000	(3)	-		2,000		-		2,000
Second Floor Window Replacements (28-30 windows) (1)	45,000	(4)	-		-		-		-
DownTown Public Art Projects	18,000	(5)	-		18,000		-		18,000
Repaint Exterior Fascia	10,000	(6)	-		10,000		-		10,000
Exterior Ceiling Entrances Replaced / Painted	2,000	(7)	2,000		-		-		-
Dining on the Green - New Carpet	-		9,500		-		-		-
Computer System Upgrades	-		1,900		1,000		-		1,900
Back Entrance to Dining on the Green	-		-		-		-		30,000
Artists Incubator Second Floor of Building #5 or #6A	-		-		-		-		500,000
	172,000		108,400		126,000		95,000		656,900
<u>Downtown Park Forest - Common Area Projects</u>									
DownTown New Way Finding Four Signs	6,000	(1)	6,000		-		-		-
DownTown Winter Decorations / Snow Flakes	2,500	(2)	-		2,500		-		-
Parking Lot Patching and Striping	2,000	(3)	2,000		2,000		2,000		2,000
Gutter & Downspout Repair / Replacement	8,000	(4)	8,000		8,000		8,000		8,000
Exterior Main Street Canopy Lights	1,000	(5)	1,000		1,000		1,000		1,000

⁽¹⁾ A Sustainable Project

DOWNTOWN PARK FOREST FIVE YEAR CAPITAL PLAN

	<u>2017/2018</u> Priority ()	<u>2018/2019</u> Priority ()	<u>2019/2020</u> Priority ()	<u>2020/2021</u> Priority ()	<u>2021/2022</u> Priority ()
<u>Downtown Park Forest - Common Area Projects</u>					
<u>(Continued)</u>					
Sidewalk Replacement	5,000	(6) 5,000	5,000	5,000	-
Brick Pavers on Main Street & Walkways	10,000	(7) 10,000	10,000	-	-
Street & Streetscaping Continuation	8,000	(8) 8,000	-	-	-
Exterior Canopy Support Beams Repair	2,000	(9) 2,000	2,000	2,000	-
Exterior Canopy Re-staining & Maintenance	-	5,000	-	5,000	-
John Deere Snow Plowing Tractor	-	-	15,000	-	-
Golf Cart Battery (@ 5 years)	-	800	-	-	-
Theater North Parking Lot #10 Seal Coating & Patching	-	66,000	-	-	-
Lester Parking Lot Seal Coating & Patching	-	-	-	66,000	-
Orchard LED Sign	-	-	-	-	50,000
Cunningham / Lot #10 Lighting	-	-	-	202,000	-
Cunningham (Liberty to Lakewood) Roadway	-	-	229,000	-	-
	<u>44,500</u>	<u>113,800</u>	<u>274,500</u>	<u>291,000</u>	<u>61,000</u>
TOTAL	<u>216,500</u>	<u>222,200</u>	<u>400,500</u>	<u>386,000</u>	<u>717,900</u>

⁽¹⁾ A Sustainable Project

**DOWNTOWN PARK FOREST
CAPITAL IMPROVEMENT PLAN
2017/2018 PROJECTS**

DOWNTOWN PARK FOREST FUND – VILLAGE

1. Tenant Build Out \$90,000

Tenant build out provides funding for installing ADA washrooms, upgrading HVAC, electrical and lighting systems in leased retail spaces. When it is determined, what is needed for a build out, efficiency HVAC, ceiling & light fixtures, bulbs and toilets are installed. These spaces are brought up to code. The cost per square foot to build out a space has averaged \$50 per square foot. A budget of \$90,000 could accommodate approximately a 2,000 square feet space for build out. On the ground level, there are six raw spaces totaling 10,872 square feet, two spaces that needs some code work totals 3,934 sq. ft. and five spaces, 4,070 square feet, which are “turnkey” spaces ready for occupancy. Please see the list below. There is one second floor office space that is raw. This will need a new drop ceiling / lights, patch walls, paint and new carpet.

Raw Ground Level:	210 Main	3,000 sq. ft.
	299 Main	1,942 sq. ft.
	311 Main	1,300 sq. ft.
	341 Founders Way	840 sq. ft. (front portion is built out)
	361 Artists Walk	2,290 sq. ft.
	388 Forest	<u>1,500 sq. ft.</u>
		10,872 sq. ft.

Ground Level Partial Code Work:		
	200 Main	1,500 sq. ft.
	294 Main	<u>2,434 sq. ft.</u>
		3,934 sq. ft.

Ground Level Turn Key:		
	251 Founders Way	670 sq. ft.
	298 Main	800 sq. ft.
	301 Main	800 sq. ft.
	323 Main	800 sq. ft.
	351 Founders Way	<u>1,000 sq. ft.</u>
		4,070 sq. ft.

2. Tenant Signs (Matching Grant Program) \$5,000

The Sign Grant Program was established in 2001/02 to reimburse tenants a portion of the cost of an exterior fascia sign. With a paid receipt, the tenant receives reimbursement from the grant fund of 50% of the cost of the sign (not to exceed \$1,000). The Sign Grant Program has been extended to the second floor businesses. This will help advertise their business with

logo / lettering on their exterior windows. With OAI & MakerLab re-locating and expanding to 208 Forest, they may be the next Tenant to utilize the grant program.

3. Recognition Plaques / Way Finding Signs \$2,000

In the past, we have planned to install Way Finding signs on Orchard, between Route #30 and Lakewood, but the bike path along Orchard will have Way Finding signs installed by Public Works. We believe these signs should be sufficient at this time.

In spring 2017, there will be two recognition plaques installed in DownTown Park Forest. One is for Etel Billig (Illinois Theatre Centre) and Kim Thayil (Sound Garden). These recognition plaques are in the Capital Plan every other year.

4. Second Floor Window Replacements \$45,000

The second floor window replacement project started in 2010. We have installed 117 windows as to date. Building #1 was complete in spring 2016 and there are still two more phases of windows on the backside of Building #7. One phase for Building #7 will be completed spring of 2017 and the last phase will be fall of 2017.

The new windows are a high-energy efficient thermal window system. They are marine glazed with 7/8th insulated glass with double & triple weather-stripping.

5. DownTown Public Arts Projects \$18,000

Given the importance of the cultural arts to the history of the Village, it is appropriate that the Village should formally create a Public Arts Capital Projects Fund, which they have to continue with the installation of public art of all kinds throughout the Village. \$18,000 will be in the DownTown's Five Year Capital Plan every other year for this use.

6. Repaint Exterior Fascia \$10,000

DownTown Park Forest building's exterior fascia needs to be painted approximately every five years. There is \$10,000 in the Five Year Capital Plan every other year for this work. The east side of Buildings #1 & 7 will be completed spring of 2017. Building #5 will be the next to be patched and painted.

7. Exterior Ceiling Entrances Replaced / Painted / Re-stained \$2,000

There are ten exterior ceiling entrances in DownTown Park Forest that needs to be replaced, painted or re-stained. Most of the store entrances in the DownTown are recessed. This ceiling area is in the recessed portion of the entrance.

DOWNTOWN PARK FOREST – COMMON AREA PROJECTS

1. DownTown New Way Finding Signs \$6,000

The existing DownTown Way Finding signs that are on Main Street and Founders Way are in need of being replaced. There are two on Main Street and one each on Liberty and Victory. There will be a new updated design to replace the existing ones. This will be a two-year project.

2. Holiday Snowflakes \$2,500

There are holiday snowflakes that are no longer working. The DownTown office would like to replace these non-working ones by buying five new ones for the DownTown holiday decorations.

3. Parking Lot Patching and Striping \$2,000

Parking Lot # 1, north side of the Theater is the last parking lot to be replaced / improved. Parking Lot # 1 from Cunningham to the Chase Bank building was patched summer of 2010. Village Hall parking lot replacement will be completed summer 2017. DPW also tied in pavement work that they were doing throughout the Village with the Chase Bank's drive up exit. This portion of the drive had major potholes. DPW's contractor removed the old asphalt and relayed new asphalt summer 2016.

Striping on Main Street and parking spaces were striped spring 2015 by DPW & contractor. Main Street & Lester was again striped in fall 2016.

Parking lot and parking spaces will be evaluated each year and the areas in need will be patched or re-striped.

4. Gutter & Downspout Repair / Replacement \$8,000

This amount will be for gutter / downspout replacement for the DownTown buildings for the next six years, which also includes routine maintenance of the downspouts. The gutters for the DownTown buildings are rusting out at the seams and the connections to downspouts need to be replaced. This is a five-year project.

5. Exterior Main Street Canopy Lights \$1,000

With the 152 exterior canopy lights finally replaced, there is now some maintenance each year on these lights. This amount will be used to maintain these canopy lights for the coming years.

6. Sidewalk Replacement \$5,000

Each year there are sidewalks in the DownTown that need to be replaced. Because of the weather and the age of some of the sidewalks, they are either sinking or rising from ground

level. The DownTown office has used mud jacking or sidewalk replacement to address problems with existing sidewalks. Mud jacking entails coring small holes in sections of the sidewalk. Then the contractor will pump slurry into the holes creating a hydraulic action leveling the sidewalk as needed. Holes are about 1” in diameter. Not always can mud jacking be the solution. The work is evaluated each year to see what type of repair is needed. This amount each year will help in the replacement or mud jacking the DownTown sidewalks throughout the DownTown.

Summer of 2015, Public Works had their contractor combine sidewalk work in the Village with sidewalk work in the DownTown. This worked out well and helped the DownTown’s cost immensely.

7. Brick Pavers Replacement on Main Street & Walkways \$10,000

The brick pavers on Main Street were replaced with stamped concrete in four major areas on Main Street summer 2013. There are still a few areas that need to be replaced with stamped concrete along Main Street. During this work, the brick pavers that were in good shape were saved and are being stored by the DownTown Management office. There are also section of walkway pavers that need to be re-worked throughout the DownTown. The existing bricks and the ones that the DownTown office is storing from the previous work will be used for this project.

8. Street and Streetscaping Continuation \$8,000

The Lakota Group’s study recommended that the backside of the buildings and streets surrounding the DownTown be enhanced with trees and planters. This would help define the streets around the DownTown. There are flowerbeds throughout the DownTown that needs new landscaping. The existing plants and shrubs are dying off and these remaining beds are in need of new plants and shrubs. There were five flowerbeds that was reworked near Main Street and Cunningham spring 2016.

9. Exterior Canopy Support Beam Repair \$2,000

During a walkthrough of the DownTown this past summer, it was noticed that some support beams are deteriorating that holds up the DownTown canopy. This is an ongoing project for the next four years.

The Capital Improvement Plan for DownTown Park Forest is directly tied to the redevelopment Master Plan approved by the Village Board. The plan called for a phased development of the DownTown.

Phase I

- Acquisition of Park Forest Plaza, then called the Centre
- General operations, maintenance and aesthetic repairs
- Development of a Master Plan
- Demolition of bowling alley
- Demolition of Sears
- New Walgreens location
- Contract to sell senior housing site
- Re-connection of Forest Boulevard
- Construction of parking area west of Forest Boulevard
- Construction of Main Street through Centre and out to Lakewood
- Streetscape design and construction

Phase II

- General operations, maintenance and aesthetic repairs
- Demolition of Goldblatts and adjoining stores to the south
- Demolition of dry cleaners
- Demolition of sign tower
- Demolition of Millionaire's Club
- Subdivision of DownTown and development of plat covenants
- Extension of Main Street west to Orchard Drive
- Re-roofing Building #5
- Creation of a Cultural Arts Center
- Sale of residential property
- Sale of Movie Theater
- Tenant build out

Phase III & Beyond

- General operations, maintenance and aesthetic repairs
- Extension of Main Street east to Western Avenue
- Cut-through demolition
- Parking Lot Construction – Building #3 & #6B
- Re-roof buildings #6A & #6B
- Sale of Western Avenue property and construction of Osco Foods, now CVS Pharmacy
- Village Green development
- Additional streetscape
- Senior housing construction
- Sale of property to Bank Calumet, now First Midwest Bank
- Convert HVAC in Building #1, Building #7
- Installation of Orchard and Main Street sign and Village Green's kiosk
- Tenant Sign Grant Program
- Western Avenue Archway Sign

- Re-roof Building #1
- Installed enclosures for dumpsters
- Re-sale of Building #2 (Theater)
- Re-sale of Residential Property
- Re-roof Building #7 Second Floor Offices / East side
- Tenant Build Out
- Re-roof West side of Building #7
- Build out for 295 Main for Quality Classic Health & Fitness
- Demolition of Marshall Fields
- Replaced 152 Exterior Canopy Lights
- Demolition of Building #3
- Victory / Lester Avenue Roadway Improvements
- Chase Bank Building Sale
- Village Park Lot was replaced

Remaining Capital Projects and Other Initiatives

- Parking lot upgrading
- Facade Renovation
- Additional Streetscape Design
- Village Green Enhancements
- Cunningham, Liberty to Lakewood, Roadway Improvement & Lighting
- Common Area Improvements – Sidewalk Replacement / Canopy Re-staining
- Second Floor Window Replacement – Building #1 & #7
- Sale of DownTown Buildings
 - Building One
 - Building Five
 - Building Six A & B
 - Building Seven

During the twenty-year period, many businesses have located in the DownTown. They include Southland Caterers, Muzicnet, State Farm Insurance, Rich Township Senior Services, Park Forest Chiropractor, Oasis Beauty Salon, Dr. Covella a Podiatrist, Fieldcrest School of Performing Arts, Tower Cleaners, Quality Classic Health & Fitness, Hair Studio 7, Sapphire Room, Cindy’s Nails, Franciscan Medical Office, The Image of Inc., SPAA / Performing Arts Theatre, Main Street Diner, Quaint Style Studio, GSU / Park Forest Artists in Residency and OAI.

The Cultural Arts Building was established in 1999, which houses Illinois Philharmonic Orchestra Corporate Offices, Tall Grass Gallery & School and a fully built out theatre. Second floor offices have long standing businesses and a few new businesses each year. A chart that demonstrates occupancy rates is below.

**DownTown Occupancy
January, 2017**

	<u>Square Feet</u>		<u>Percent</u>
	<u>Vacant</u>	<u>Occupied</u>	<u>Occupied</u>
Building #1			
Main Floor	8,423	11,991	59%
2nd Floor Office	<u>6,941</u>	<u>7,690</u>	<u>53%</u>
Total Building #1	15,364	19,681	56%
 Building #4B			
Main Floor	-	18,528	100%
Building #5			
Main Floor		22,026	100%
Building #6A			
Main Floor	8,290	5,860	41%
Building #6B			
Main Floor	2,900	19,227	87%
Building #7			
Main Floor	5,752	12,012	68%
2nd Floor Office	<u>2,646</u>	<u>3,272</u>	<u>55%</u>
Total Building #7	8,398	15,284	65%
 TOTAL FOR BUILDINGS:	<u>34,952</u>	<u>100,606</u>	<u>74%</u>

OTHER -- CAPITAL PROJECTS FIVE YEAR CAPITAL PLAN

	<u>2017/2018</u> Priority ()	<u>2018/2019</u> Priority ()	<u>2019/2020</u> Priority ()	<u>2020/2021</u> Priority ()	<u>2021/2022</u> Priority ()
<u>Economic Development Initiatives</u>					
Land Acquisition	75,000	75,000	75,000	75,000	75,000
Property Management/Land Banking	75,000	75,000	75,000	75,000	75,000
IHDA-APP grant match for rehab of 3 houses**	80,000	40,000	-	-	-
CN Economic Development Initiative*	-	-	-	-	-
Monument Sign - Sauk Trail	-	30,000	-	-	-
Additional Projects	-	15,000	-	-	-
DownTown Shopping Area Sign*	-	-	40,000	-	-
Traffic Signal at US30/Indiana Street*	-	325,000	-	-	-
Major Sign Initiative	-	-	50,000	50,000	50,000
	<u>230,000</u>	<u>560,000</u>	<u>240,000</u>	<u>200,000</u>	<u>200,000</u>
<u>Public Art</u>	<u>10,000</u>	<u>10,000</u>	<u>10,000</u>	<u>10,000</u>	<u>10,000</u>
<u>Recreation & Parks Initiatives</u>					
Village Green Expansion	327,000	-	-	-	-
Somonauk Park Redevelopment	50,000	50,000	50,000	50,000	50,000
Central Park Renovation	25,000	25,000	50,000	50,000	50,000
Renovate 361 Artist Walk - Public Washrooms	100,000	100,000	-	-	-
	<u>502,000</u>	<u>175,000</u>	<u>100,000</u>	<u>100,000</u>	<u>100,000</u>
<u>Sustainability Plan Implementation</u> ⁽¹⁾					
Sustainability Plan Implementation	50,000	50,000	50,000	50,000	50,000
UDO Stormwater Incentives	25,000	25,000	25,000	25,000	25,000
Informational Kiosks	-	10,000	10,000	-	-
Community gardens	8,000	8,000	8,000	8,000	8,000
Pedestrian Cut-Throughs (\$74,000 match on \$274,000)	274,000	150,000	150,000	150,000	150,000
	<u>357,000</u>	<u>243,000</u>	<u>243,000</u>	<u>233,000</u>	<u>233,000</u>
TOTAL	<u>1,099,000</u>	<u>988,000</u>	<u>593,000</u>	<u>543,000</u>	<u>543,000</u>

** Requires a 50% match

* Funded from CN Voluntary Mitigation Agreement

⁽¹⁾ A Sustainable Project
Five Year Capital Plan

**OTHER – CAPITAL PROJECTS
CAPITAL IMPROVEMENT PLAN
2017/2018 PROJECTS**

ECONOMIC DEVELOPMENT INITIATIVES

1. Land Acquisition \$75,000

In November 2008, the Village Board adopted the *Strategic Plan for Land Use and Economic Development*, and in February 2009 the Strategic Plan was adopted as the land use and economic development elements of the Village’s official comprehensive plan. The Strategic Plan describes concept plans for key development and redevelopment areas within the Village. This Plan examines, for example, the viability of redeveloping property along Sauk Trail and Western Avenue to higher density residential and/or commercial purposes, and redeveloping the Eastgate Neighborhood so it embodies the Village’s values for sustainability and socio-economic diversity. It also establishes implementation goals and policies for infill residential development and redevelopment and for new development in the Park Forest Business Park. In order to create viable opportunities for redevelopment in these areas it is necessary for the Village to continue to be proactive in acquiring properties when they become available. This is consistent with the following General Land Use and Redevelopment Policy in the Strategic Plan for Land Use and Economic Development (“the Strategic Plan”):

The Village will continue to acquire properties in key Sub-Areas as resources allow and as they become available through tax delinquency, foreclosure or voluntary sales. Given the evolving climate, the Village should be prepared to acquire additional residential sites if their locations are consistent with the strategic direction outlined in this Plan.

In order to continue implementation of this Policy, it is necessary to adequately budget for land acquisition and property management.

For the past 10 years, the Village has been proactively acquiring properties that are vital to achieving its economic development goals. Properties have been acquired through a variety of means, including Cook County’s tax scavenger process, foreclosure of Village liens, property abandonment filing, and property owner donations. The exhibit attached lists all properties acquired by the Village for economic development or other public purposes, along with details about how the property was acquired and how the structure on the property was demolished. The exhibit also lists all properties in the Village that are owned by the South Suburban Land Bank and Development Authority (SSLBDA). All of the SSLBDA properties in the Eastgate neighborhood will be held by the SSLBDA until the Blight Reduction Program grant term expires (three years), then they will be transferred to the Village for future neighborhood redevelopment purposes. The remainder of the SSLBDA properties, both residential and commercial, will be sold as interested buyers are identified. The Village and SSLBDA acquisition of these properties contributes to the implementation of the redevelopment plans for the key areas identified in the Strategic Plan. The scattered vacant residential properties

(those not located in the Eastgate neighborhood) may be good candidates for donation to the SSLBDA to be sold for the construction of new homes. In the short term, all vacant, Village-owned residential lots will be made available for use as community gardens.

The parcels in the Eastgate neighborhood are being land banked until a sufficient number of properties are in the Village's control and a developer can be identified to implement the redevelopment plans described in the Strategic Plan (or as amended based on future planning efforts). Based on all of these initiatives, the Village currently owns 30 parcels in the Eastgate Neighborhood, and the SSLBDA owns another 11 properties. Nineteen vacant residential properties outside Eastgate are also in the Village's possession. In 2015, the Village initiated the process to acquire an additional 25 vacant residential properties (15 in Eastgate), and the Central Court Plaza shopping center, through the Cook County tax scavenger process. This is at least an 18 month process, so the Village should have these tax deeds by the end of 2017.

A small number of the properties listed on the attached exhibit were acquired to meet the needs of other Village departments. For example, the property noted as 99 Orchard Drive is located to the west of the Village water treatment plant. Now that the Village owns this property it can be used for any needs identified by the Department of Public Works (DPW). Similarly, the lots at 408-410 Miami Street are heavily wooded lots in an area where several houses and the nearby businesses experience flooding in their yards. The DPW will use these lots to address the drainage problems in this area. The lots at 320-328 Neola Street have poor soil conditions, including a significant amount of very wet soil. In 2016, the South Suburban Special Recreation Association (SSSRA) started a community garden on these lots. Staff will continue to work with the SSSRA and neighborhood residents to encourage continued use and expansion of this garden as it seems to be the best use of the property for the long term.

The Village incurs the following costs when acquiring property through the tax scavenger, lien foreclosure, property abandonment, or property owner donation processes.

- Legal and administrative costs for the tax scavenger, property abandonment, and lien foreclosure processes have averaged \$3,200 per parcel, assuming no major complications of ownership have to be addressed. These expenses include attorney's fees, payment to the Cook County Sheriff to serve notice to all property owners, fees for title searches, and minimal acquisition (bid) expenses. If the Village's petition is contested by the property owner, as it was on 320 Wildwood, the costs can be much higher. Village staff would only recommend incurring these higher costs for truly strategic properties. Based on the number of properties the Village is currently pursuing through the tax scavenger, property abandonment, or lien foreclosure processes, the total legal and administrative costs for property acquisition could be significant.
- Even when banks or other property owners donate properties to the Village, there are legal expenses and closing costs, although the total costs are typically minimal.
- If the Village decides to purchase key parcels from willing sellers the costs of acquisition will be based on market value. To date, however, the Village has not acquired any properties in this manner.

Due to the limited amount of funds available for the Economic Development Capital Projects Fund in FY2017/2018, staff proposes that land acquisition be limited to the tax scavenger, property abandonment, lien foreclosure, and property owner donation processes.

2. Property Management/Land Banking Costs \$75,000

Depending on the strategy for future use and possible sale of the properties acquired for economic development purposes, there are expenses required to make it possible to sell them. For commercial and industrial properties, these expenses could include a Phase I and II environmental site assessment, an appraisal, a land survey, and a soil analysis. An appraisal could cost from \$1,500 to \$3,500, depending on the type of appraisal needed. A simple Phase I environmental site assessment (ESA) for a commercial property costs about \$1,700. If a Phase II ESA is needed, it could add another \$8,000 to \$12,000 to complete the study, depending on the size of the property and the complexity of the potential environmental issues. Similarly, land surveys vary in cost based on the size and difficulty of the project. Soil surveys, depending on the number of borings for each property, will likely cost in the range of \$1,200 to \$1,500.

Demolition of vacant, blighted structures is a significant cost incurred by the Village, but a necessary cost in order to remove blight and ensure that property values and neighborhood quality are not negatively impacted. Bank property owners have demolished at least five vacant, blighted homes in the past 10 years. At least 10 vacant, blighted homes have been demolished with Village funds during the past 10 years. The cost for demolition of blighted single family homes has ranged from \$9,000 to \$15,000, including asbestos abatement. This cost is substantially more for non-residential structures, and it may increase as the Village moves towards a greater focus on deconstruction rather than demolition. Whenever Village or grant funds are used to demolish a structure, liens are placed on the property. These liens give the Village leverage to acquire properties that are important to the Village’s future plans, and in some limited cases the liens are actually repaid.

Over the past seven years, most blighted structures have been demolished with grant funds. The Village has obtained \$1,875,163 in County, State and IHDA funds in the past seven years to demolish 59 single family homes. Funds remaining in the two Blight Reduction Program (BRP) grants noted below will allow for the deconstruction/demolition of another 29 vacant, blighted houses in the Eastgate neighborhood.

Year	Source	Amount	Impact
2009	Cook County Deconstruction Demonstration Project	\$60,000 (estimate)	4 single family homes
2011	Cook County Neighborhood Stabilization Program	\$88,313	9 single family homes
2012-13	State of Illinois CDBG-IKE	\$236,250	21 single family homes
2012	Cook County Neighborhood Stabilization Program	\$150,000	10 single family homes
2015	IHDA Abandoned Property Program	\$185,600	11 single family homes
2015-17	IHDA Blight Reduction Program #1	\$350,000 (ongoing)	10 single family homes
2016-18	IHDA Blight Reduction Program #2	\$805,000 (ongoing)	23 single family homes

In addition, Cook County granted the Village \$1,969,600 in NSP and CDBG funds to demolish four significant commercial structures, including 3200 Lincoln Highway, Norwood Square Shopping Center, Wildwood School, and 350 Main Street. The cost to demolish these structures ranged from \$165,000 to \$955,000.

In FY2017/2018, the Village's Capital Projects Fund will incur maintenance costs on over 100 vacant residential properties, four vacant land commercial properties, and three commercial/ multifamily properties with existing buildings. The Village has taken the position that all properties where a structure has been demolished by Village action will be maintained by the Village until the property is sold to a responsible owner, even when the Village is not the property owner. This ensures that these properties do not become a continuing source of blight due to lack of mowing. There are ongoing maintenance issues on the Village-owned properties with significant structures (80 North Street, Blackhawk Shopping Plaza, and Illini Apartments). In the past the Village has had to replace broken windows, secure doors, remove materials dumped on the properties, and address other problems caused by vandals, rodents or weather. Staff also had to install a motion sensitive security system at 80 North Street because of the ongoing vandalism that has occurred on that property (this system is currently disconnected). Given this inventory of Village-owned properties, property maintenance must continue to be a priority for the Economic Development Capital Projects Fund in FY2017/2018.

Village staff plans to work towards a revolving fund that allows for some replenishment of the Capital Projects budget as parcels are sold to developers. This may not be a full dollar for dollar replacement of funds, however, depending on the policy established for sale of the properties. The proceeds from these sources should be added to the Economic Development Capital Projects fund to be used, in part, to acquire additional properties that further the economic development goals of the Village.

3. IHDA-Abandoned Property Program Grant Match for Rehabilitation \$80,000

The Village has applied for a second round of IHDA Abandoned Property Program (APP) funding to provide for demolition of three vacant, blighted houses, rehabilitation of three vacant houses, and property maintenance on SSLBDA houses. Two of the houses identified for demolition (23 and 25 Sauk Trail) are located adjacent to properties at 301 and 303 Oswego Street, where blighted houses were demolished in the past several years. The goal for these four properties is to implement the vision of the *Strategic Plan for Land Use and Economic Development*, which calls for development of small apartment buildings or townhomes along Sauk Trail to reduce the number of curb cuts and increase residential density.

The Village proposes to work with the Rich Township High School District 227 on the rehabilitation of the three houses included in the grant application (336 Early Street, 336 Oswego Street, and 122 Nashua Street). Rich 227 plans to initiate a construction trades training program, and the APP grant will allow that program to get started. The APP grant only funds the exterior repairs needed on each of the houses. Further, the grant is limited to \$75,000, unless special approval is granted and a match of grant funds is proposed. The Village's application request totals \$118,200, with \$60,000 for the rehabilitation element, \$54,000 for demolition, and \$4,200 for SSLBDA property maintenance. The request for a waiver of the maximum grant amount commits to a \$60,000 match (\$20,000 per house) in order to complete the interior rehabilitation on the three houses. IHDA expects to announce the grant awardees in February 2017, and the construction trades training program would be initiated in the summer of 2017. So, funding must be available in FY2017/2018.

PUBLIC ART

1. Public Art Projects \$10,000

Outdoor public art was first installed in Park Forest in 1988 with the installation of five abstract sculptures by Mary Ann Mears, a Baltimore, Maryland based artist. Additional art projects included the commissioning of murals installed on DownTown buildings in 2008 and 2010. The purpose of the mural project is to beautify otherwise blank, non-descript walls, enhance the sense of place for the DownTown and the entire community, showcase unique events or features of the community, and create another reason for residents and visitors to come to DownTown Park Forest.

Two additional murals were installed in 2012. The first was a mural honoring the Lincoln Highway (US30) and its namesake, President Abraham Lincoln. The second mural was installed in Freedom Hall to honor the service of Park Forest Military Veterans in the Village's history. These murals and bronze plaques have been paid for by a combination of DownTown Park Forest funds, General Revenue funds, and public contributions (the second DownTown mural was partially funded by a silent auction that allowed people to purchase the right to be portrayed in the mural).

In 2014, Village staff representing Cultural Arts, Economic Development, Planning, Communications, Recreation and Parks, Community Relations, DownTown Management, Finance, and Sustainability formed a Public Art Committee to define a clear strategy for commissioning and placing public art works and related nature exhibits. Working with a facilitator, the Committee developed a recommended theme for Park Forest's public art endeavors – "The All-American Village". This theme was chosen because:

- It encapsulates many of the positive aspects of Park Forest by incorporating the ideas of pride, history, planting roots, and sustainability/resilience.
- It has the potential for mass appeal among residents, both old and new.
- It is something Park Forest can uniquely "own" vs. neighboring communities due to its history and "All America City" awards.
- It aligns well with the Park Forest brand: Live, Grow, Discover

The next steps for the Public Art Committee are to decide on a public art selection process, make a formal recommendation that the Mayor and Board of Trustees form a Public Art Commission, and develop communication materials regarding the history of art in Park Forest and what art means to the community.

Projects completed in 2016 by this committee included interpretive signage for two outdoor murals and the Freedom Hall mural. A cooperative project between the Village and Tall Grass Arts Association saw the creation of a Street Art Piano dedicated at Main Street Nights this summer. The "Before I Die" interactive wall was converted into panels where several artists came out to Main Street Nights entertainment series and created three art pieces (4' x 8') for permanent display. On June 15, Chicago Chalk Art Champion, Shaun Hays completed murals on

two of the panels plus one work on the sidewalk near the Main Street Nights stage. The public was very engaged with his work and interacted with him as he completed the projects during Main Street Nights. For two nights of the summer at Main Street Nights, artists from Union Street Gallery came out and created artwork on the panels.

On a bi-weekly basis staff meets with the Southland Arts, Municipalities, and Business Alliance (S.A.M.B.A.). Key goals for the organization include promoting the south suburbs; attract and welcome new businesses and the creative class to the region; fostering creativity and active participation in building the community; and encouraging connection, knowledge exchange and resource-sharing among arts organizations, municipalities and businesses.

The Village Green Expansion project includes the accommodation of public art which is a major component of the plan. This project will solicit artist proposals using the above guidelines and installation will become part of the Village Green Expansion.

RECREATION & PARKS INITIATIVES

1. Village Green Expansion Update \$327,000

The Village Green expansion design and construction drawings have been completed and bids were solicited late summer of 2016. Only one bid was submitted and deemed to be unacceptable because the bidder did not follow guidelines. This bid was also considerably higher than expected. After discussion with the design firm, Great Lakes Management Resources, it was decided to rebid the project mid-winter in phases.

2. Somonauk Park Redevelopment \$50,000

A major component of the “Life Cycle” discussion and one of the foremost goals of the Recreation & Parks Advisory Board has been the redevelopment of Somonauk Park. The concept plan for this redevelopment includes a small fishing pond and the installation of “natural” play elements arranged to accommodate different age groups. Redevelopment plans also include a Disc Golf Course, basketball court and new pavilion with kitchen facility. The initial cost opinion is presented as a phased project and is itemized below.

Demolition		36,770
Pond Excevation/ Site Grading		80,000
Rockwork		144,850
Pump/ Mechanicals		35,000
Native Groundcovers		125,600
Graded Landscape Feature		25,000
Relevant Professional Fees		67,000
Sub Total		514,220
Play Features		335,550
Relevant Professional Fees		33,555
Sub Total		369,105
Replace Large Pavillion		150,000
Small Pavillion		67,500
Basketball Court		20,000
9-Hole Disc Golf		8,500
Art Piece		7,500
Sub Total		253,500
Total		1,136,825

3. Central Park Renovation \$25,000

This is another *Lifecycle* project. Last improved in 2000, Central Park is the largest park in the Village’s system. In addition to the playground this park includes a double sided picnic pavilion with a kitchen on one side capable of hosting two separate picnics at the same time, washrooms, a picnic grove, three lighted tennis courts, volley ball, two lighted ballfields and two standard ballfields, a football/ soccer field, concession stand, over 1 mile of walking paths and the Central Park Wetlands. The plan is to further enhance this park as a destination park, similar to the Somonauk Park project by completely redesigning the playground. In contrast to the natural theme used in Somonauk Park, Central Park will have more of a 21st Century theme, incorporating electronically augmented equipment. Such equipment can require intense interaction and full body movement to manipulate the electronic and digital components of the play apparatus. Although this project is planned for the future, it is included as a Capital Project now to build funds needed for completion.

4. Renovate 361 Artists Walk- Public Washrooms/ Storage \$100,000

Since the demolition of Marshal Fields the vacant space at 361 Artist Walk has been used as a support facility for Main Street Nights and other events held on the Village Green as well as storage of seasonal decorations. In 2015, a second storage space in the lower level of Village Hall was converted to a recording studio leaving this the only space for bulk storage to support the activities of various departments. Village Hall has the only public washrooms for any public event held on the Village Green and there are increasing concerns related to Village Hall security and the periodic, heavy use of the washrooms. As the popularity and number of Downtown events has increased the need for both organized storage and pubic washrooms has become apparent. This project proposes to build out the space for public washrooms and accommodate the various storage needs.

SUSTAINABILITY PLAN

1. Sustainability Plan Implementation \$50,000

In May 2012, the Village Board adopted the *Growing Green: Park Forest Sustainability Plan*. The Plan was developed with assistance from the Chicago Metropolitan Agency for Planning (CMAP). This Plan consolidates significant sustainable achievements made by the Village to date, and it identifies critical programs and projects needed to make Park Forest more sustainable in the future. Many of these projects require capital investments by different Village departments, and in those cases, the funding for the projects will be included in the appropriate Department's Capital Plan.

However, there are strategies, programs, and projects outlined in the Plan that are more general in nature, or do not relate specifically to departments that have capital plans. These projects may be construction related, they may require contracting for professional services, or they may involve the purchase of equipment. It is necessary to ensure that planning for the funds to accomplish these strategies and projects is included in the Village's Capital Plan. The Sustainability Capital Plan also supports the staff and programmatic activities related to implementation of the *Sustainability Plan*. In FY2011/2012, the Village set aside \$50,000 for professional services for the "Assessment of 'green initiatives'". These funds became the seed money for a Capital Projects fund specifically intended to support implementation of the *Sustainability Plan*. Additional funds have been added to the Sustainability Capital Projects fund in each subsequent budget.

Some examples of projects that are identified in the *Sustainability Plan*, and could be funded with the Capital Projects budget, include:

- Programming for water use reduction and awareness of native landscaping and rain gardens.
- Expanding the community gardening program on vacant Village owned properties and at the former Wildwood School site.
- Programming developed with the Health Department to encourage healthy eating and exercise.
- Energy efficiency campaigns to encourage modifying energy use behavior and habits in Village owned facilities, residential, businesses and houses of worship.
- Programming for Park Forest residents and school-aged children regarding various sustainability measures.
- Provide sustainability-related resources to businesses and incentivize them to upgrade their properties to incorporate energy efficiency and adopt other sustainability measures.
- Tracking of GHG emission reduction as a result of the lighting and energy audits and projects for Village Hall and all Park Forest owned facilities.
- Education and outreach events to promote transportation alternatives.
- Focused tracking of recycling rates and development of outreach activities that will help to increase recycling rates.
- Implementation of the *Park Forest Bicycle and Pedestrian Plan*.

Additional projects will be identified over time as implementation of the *Sustainability Plan* proceeds. The funds already set aside for these initiatives will not be sufficient to address all of the projects that are included in the Sustainability Plan. Therefore, the FY2017/2018 Capital Plan requests \$50,000 in additional funding for Sustainability Plan implementation. It will be important, as well, that the Village seek additional sources of funding, either through grants or a dedicated income source, to address these initiatives.

2. Unified Development Ordinance Stormwater Incentives \$25,000

Among the many strategies for achieving a sustainable future for the Village, the *Sustainability Plan* proposes that the Village “update the Village’s development regulations to require and/or incentivize sustainable development” and “create a network of green infrastructure to help manage storm water”. Village staff and the Plan Commission are currently working with the Chicago Metropolitan Agency for Planning to draft a Unified Development Ordinance (UDO), which will completely revise the Village’s zoning and subdivision ordinances to implement development-related strategies of the Sustainability Plan. New storm water management and landscaping requirements will be established that encourage the use of green infrastructure.

In order to encourage as many commercial, industrial, and residential property owners as possible to install green infrastructure to minimize flooding and enhance storm water management, it is necessary to use a combination of regulatory measures and incentives. In some cases, developers can be incentivized by regulatory trade-offs, such as greater development densities, smaller lot sizes, reduced parking requirements, and other measures. However, when these trade-offs are not appropriate for a particular development, or to incentivize homeowners to install rain gardens and other small scale best management practices, it is also necessary to have financial incentives available. To that end, a fund has been established in the Capital Plan that makes \$25,000 available annually to commercial, industrial and residential developers, as well as individual homeowners, to provide grants to off-set a portion of the costs of installing green infrastructure. Funds will be available on a first come, first served basis, with established standards for determining how funds will be awarded. The fund will be replenished annually to enable at least \$25,000 in grants to be awarded each year. Specific criteria for awarding of the grants will be adopted as part of the final approval of the UDO.

3. Community Gardens \$8,000

The Sustainability Coordinator and budget have supported the community garden program with a variety of public outreach efforts and with small grants to assist gardeners purchase plantings and other supplies. Village owned lots available through the Economic Development and Planning Department’s land banking efforts are offered to gardeners who are willing to maintain the lot during the growing season. However, one of the significant concerns for gardeners has been how to supply water to lots where the houses and water service have been removed. Funds are proposed to construct small tool sheds at several of these gardens with roofs that are designed to drain into two or more rain barrels. A “rain shed” of this type was installed at the new Neola Street garden in 2016. These sheds allow for water to be available at each of the gardens without the need to use the public water supply.

In addition, in FY17 and FY18, the Village will launch a major effort to encourage community gardening in the Eastgate neighborhood and an urban farm on Village owned lots at 210-220 Indianwood Boulevard. Eastgate residents will be encouraged to create multiple gardens throughout the neighborhood on land acquired by the Village after vacant, blighted houses were demolished. An individual has proposed to start a small farm on the Indianwood Boulevard lots, where she will grow food to sell at the Farmers Market, teach residents about intensive gardening methods, and train at least one new farmer each year. Funds from the Capital Projects budget need to be available to support these projects and sustain these gardens.

4. Pedestrian Cut-Through Improvements \$274,000

In August 2016, the Village was awarded \$200,000 in Cook County Community Development Block Grant (CDBG) funds to improve pedestrian cut-throughs in low-moderate income areas of the community. This grant will enable the Village to improve up to eight mid-block pedestrian cut-throughs in the targeted Census block groups. The location of these cut-throughs include: Indianwood Boulevard to Peach Street, Peach Street to Sauk Court, Sauk Court to 21st Century School, Cherry Street to S. Orchard Drive, Green Street to Lakewood Boulevard, Blackhawk Drive to Sangamon Street, Sangamon Court to Somonauk Park, and E. Rocket Circle to the Orchard Park Shopping Center.

Improvements to these cut-throughs will include removal of trees, widening the paths from five feet to ten feet, addition of decorative light standards and improvement of lighting, extending paths to the street and adding ADA compliant ramps to the street and crosswalk markings across streets, moving storm sewer inlets and manholes where needed, and installation of stop signs and bollards at sidewalk intersections. The 2016 AmeriCorps NCCC Team assisted with this project by clearing all vegetation (except large trees) from 25 pedestrian cut-throughs, including those included in this CDBG project.

The required Village match for this grant is \$74,000, which is the requested funding for FY18. Funding in subsequent years is requested to continue the improvements to pedestrian cut-throughs in the areas of the Village that do not qualify for CDBG funding. A total of 36 pedestrian cut-throughs exist throughout the Village and they form an important element of the strategy for improving walkability and pedestrian safety in the community as described in both the *Sustainability Plan* and the *Bicycle and Pedestrian Plan*.

VILLAGE OWNED PROPERTIES				
	Condition	Future Use	Demolition	Acquisition Method
SINGLE FAMILY RESIDENTIAL				
117 Algonquin St	Vacant Land	Residential	2009 County Deconstruction	2015 Tax Deed
146 Algonquin St	Vacant Land	Residential	Never Developed	2015 Tax Deed
181 Algonquin St	Vacant Land	Residential	2005 demolition	Lien foreclosure
225 Allegheny St	Vacant Land	Residential	2013 CDBG-IKE	2014 SSLBDA transfer
226 Allegheny St	Vacant Land	Residential	2011 County NSP1	2017 Tax Deed anticipated
228 Allegheny St	Vacant Land	Residential	2011 County NSP1	2012 Bank donation
230 Allegheny St	Vacant Land	Residential	2011 Bank demolition	2017 Tax Deed anticipated
231 Allegheny St	Vacant Land	Residential	2012 CDBG-IKE	2017 Tax Deed anticipated
235 Allegheny St	Vacant Land	Residential	2011 County NSP1	2012 HUD donation
242 Allegheny St	Vacant Land	Residential	2012 CDBG-IKE	2015 Tax Deed
246 Allegheny St	Vacant Land	Residential	2012 County NSP1	2015 Lien Foreclosure
256 Allegheny St	Vacant Land	Residential	1995 demolition	2012 Lien foreclosure
262 Allegheny St	Vacant Land	Residential	2011 County NSP1	transfer from SSLBDA
274 Allegheny St	Vacant Land	Residential	2011 County NSP1	2017 Tax Deed anticipated
278 Allegheny St	Vacant Land	Residential	2011 County NSP1	2013 Bank Donation
281 Allegheny St	Vacant Land	Residential	2008 by Village	2017 Tax Deed anticipated
299 Allegheny St	Vacant Land	Residential	2012 CDBG-IKE	2017 Tax Deed anticipated
304 Allegheny St	Vacant Land	Residential	Never developed	Lien foreclosure
5 Antioch Place	Vacant Land	Residential	2013 CDBG-IKE	2016 Warranty Deed by property owner
2 Apache St	Vacant Land	Residential	2012 County NSP1	2017 Tax Deed anticipated
6 Apache St	Vacant Land	Residential	2006 by Village	2013 Lien foreclosure
7 Apache St	Vacant Land	Residential	2012 CDBG-IKE	2017 Tax Deed anticipated
17 Apache St	Vacant Land	Residential	1995 by Village	2015 Tax Deed
18 Apache St	Vacant Land	Residential	2012 CDBG-IKE	2017 Tax Deed anticipated
25 Apache St	Vacant Land	Residential	1991 demolition	2012 Lien foreclosure
28 Apache St	Vacant Land	Residential	2010 by Village	2017 Tax Deed anticipated
36 Apache St	Vacant Land	Residential	Never developed	2015 Tax Deed
231 Arcadia St	Vacant Land	Residential	2009 County Deconstruction	2017 Tax Deed anticipated
239 Arcadia St	Vacant Land	Residential	2012 CDBG-IKE	2017 Tax Deed anticipated
241 Arcadia St	Vacant Land	Residential	2013 CDBG-IKE	2013 Fannie Mae donation
244 Arcadia St	Vacant Land	Residential	2012 CDBG-IKE	2017 Tax Deed Anticipated

249 Arcadia St	Vacant Land	Residential	2007 by property owner	2012 Lien foreclosure
256 Arcadia St	Vacant Land	Residential	1994 demolition	2012 Lien foreclosure
258 Arcadia St	Vacant Land	Residential	1994 demolition	2015 Tax Deed
279 Arcadia St	Vacant Land	Residential	pre 2004 demolition	2015 Tax Deed
219 Arrowhead St	Vacant Land	Residential	2012 County NSP1	2012 Bank Donation
232 Arrowhead St	Vacant Land	Residential	1994 demolition	2012 Lien foreclosure
233 Arrowhead St	Vacant Land	Residential	2013 CDBG-IKE	2013 Fannie Mae Donation
240 Arrowhead St	Vacant Land	Residential	2012 County NSP1	2017 Tax Deed anticipated
241 Arrowhead St	Vacant Land	Residential	2012 CDBG-IKE	2015 Tax Deed
242 Arrowhead St	Vacant Land	Residential	2012 County NSP1	2017 Tax Deed anticipated
243 Arrowhead St	Vacant Land	Residential	2012 CDBG-IKE	2015 Tax Deed
245 Arrowhead St	Vacant Land	Residential	2003 by Village	2012 Lien foreclosure
259 Arrowhead St	Vacant Land	Residential	2012 County NSP1	2012 Habitat Donation
265 Arrowhead St	Vacant Land	Residential	2012 Bank demolition	2012 Bank Donation
210-212 Indianwood Blvd	Vacant Land	Residential/Commercial/ Open Space	Never developed	2015 Tax Deed
214-220 Indianwood Blvd	Vacant Land	Residential/Commercial/ Open Space	Never developed	2011 Tax Deed
259 Lester St	Vacant Land	Residential	2007 by Village	2010 Lien foreclosure
211 Mantua St	Vacant Land	Residential	2010 by Village	2015 Tax Deed
201 Miami St	Vacant Land	Residential	2010 by Village	2011 Lien foreclosure
309 Minoqua St	Vacant Land	Residential	2009 by Village	2010 Lien foreclosure
320-328 Neola St	Vacant Land	Open Space/Community Gardens	Never developed	2017 Tax Deed anticipated
13 Oak Lane	Vacant Land	Residential		2015 Tax Deed
350 S. Orchard Dr	Vacant Land	Residential	2011 by Village	2012 Lien foreclosure
303 Oswego St	Vacant Land	Residential	2012 County NSP1	2017 Tax Deed anticipated
368 Oswego St	Vacant Land	Residential	Never Developed	2007 Tax Deed
127 Peach St	Vacant Land	Residential	2012 CDBG-IKE	2017 Tax Deed anticipated
261 Rich Road	Vacant Land	Residential	Never Developed	2015 Tax Deed
263 Rich Road	Vacant Land	Residential	Never Developed	2007 Tax Deed
33 E. Rocket Circle	Vacant Land	Residential	2015 Bank demolition	2015 bank donation
305 Seneca St	Vacant Land	Residential	2012 CDBG-IKE	2017 Tax Deed anticipated
443 Springfield St	Vacant Land	Residential	2012 by Village	2017 Tax Deed anticipated
209 Washington St	Vacant Land	Residential	2012 by Village	2017 Tax Deed anticipated
314 Wildwood St	Vacant Land	Residential	Never Developed	2015 Tax Deed

NON-SINGLE FAMILY RESIDENTIAL				
3200 Lincoln Highway	Vacant Land	211th St TOD	2012 County NSP1	2008 Lien foreclosure
350 Main Street	Vacant Land	Commercial/Mixed Use	2012 County NSP1	2010 Lien foreclosure
2330 Western Ave	Vacant Land	Commercial		2007 Tax Deed
320 Wildwood St (school)	Vacant Land	Residential	2012 County NSP1	2009 Tax Deed
80 North Street	Industrial Bldg	Industrial	Building on property	2010 Abandonment
60 North Street	Parking Lot	Leased to Road Runner Truck Driving School	Parking lot	2011 Tax Deed
Lots 57-60, Holly Street	Vacant Land	Industrial	Never developed	2005 No Cash Bid and Land Swap
Lots 28-29, North Street	Vacant Land	Industrial	Never developed	No Cash Bid
99 Orchard Dr	Vacant Land	Water Plant expansion	Never developed	2007 Tax Deed
Norwood Square	Vacant Land	Commercial/Industrial	2012 County NSP1	
Blackhawk Shopping Center	Shopping Center	Commercial/Mixed Use	Building on property	2015 Judicial Deed
South of CVS Drug Store	Vacant Land	DownTown Sign (future)	Never developed	2007 Tax Deed
408-410 Miami St	Vacant Land	Stormwater mgmt	Never Developed	2015 Tax Deed
Illini Apartments	Blighted Apts	Multifamily Residential	Buildings on property	2016 Judicial Deed
SOUTH SUBURBAN LAND BANK AND DEVELOPMENT AUTHORITY OWNED PROPERTIES				
	Condition	Future Use	Demolition	Acquisition Method
SINGLE FAMILY RESIDENTIAL				
232 Allegheny St	Vacant Land	Residential	2016 IHDA-BRP#1	Bank Donation
233 Allegheny St	Blighted House	Residential	2017 IHDA-BRP#1	SSLBDA Acquisition
243 Allegheny St	Blighted House	Residential	2017 IHDA-BRP#1	Judicial Deed (abandonment process)
250 Allegheny St	Blighted House	Residential	2017 IHDA-BRP#1	Judicial Deed (abandonment process)
266 Allegheny St	Vacant Land	Residential	2016 IHDA-BRP#1	Judicial Deed (abandonment process)
271 Allegheny St	Blighted House	Residential	2017 IHDA-BRP#2	Judicial Deed (abandonment process)
44 Apache St	Blighted House	Residential	2017 IHDA-BRP#1	Judicial Deed (abandonment process)
234 Arcadia St	Blighted House	Residential	2017 IHDA-BRP#1	Judicial Deed (abandonment process)
238 Arrowhead St	Blighted House	Residential	2017 IHDA-BRP#1	Judicial Deed (abandonment process)
248 Arrowhead St	Vacant Land	Residential	2016 IHDA-BRP#1	Judicial Deed (abandonment process)
257 Arrowhead St	Vacant Land	Residential	2016 IHDA-BRP#1	Judicial Deed (abandonment process)
39 Sauk Trail	Vacant House	Residential	For Sale and Occupancy	
307 Herndon	Vacant House	Residential	Under Contract	
130 Warwick Drive	Vacant Land	Residential	For Sale and New Construction	
381 Blackhawk Drive	Vacant Commercial	Commercial	For Sale and Occupancy	Bank Donation